

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092823\  
 Data File : VY015744.D  
 Acq On : 28 Sep 2023 14:14  
 Operator : SY/MD  
 Sample : VY0928SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0928SBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/29/2023  
 Supervised By : Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 01:24:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 20 01:39:40 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	147328	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	242184	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	219994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78919	48.685	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.722	113	74836	51.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.185	98	271212	55.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.483	95	98015	50.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	18605	19.158	ug/l	96
3) Chloromethane	2.113	50	21225	17.324	ug/l	97
4) Vinyl Chloride	2.253	62	26832	19.155	ug/l	99
5) Bromomethane	2.650	94	19864	16.704	ug/l	100
6) Chloroethane	2.790	64	20803	20.036	ug/l	99
7) Trichlorofluoromethane	3.119	101	47630	20.275	ug/l	99
8) Diethyl Ether	3.534	74	18889	18.855	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	29903	20.330	ug/l	96
10) Methyl Iodide	4.094	142	27167	17.578	ug/l	98
11) Tert butyl alcohol	4.997	59	42808	100.664	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	24373	18.804	ug/l	94
13) Acrolein	3.735	56	16512	66.512	ug/l	98
14) Allyl chloride	4.485	41	44835	18.919	ug/l	94
15) Acrylonitrile	5.167	53	67642	92.040	ug/l	97
16) Acetone	3.966	43	88976	102.566	ug/l	92
17) Carbon Disulfide	4.192	76	37712	14.977	ug/l	99
18) Methyl Acetate	4.485	43	49725	17.084	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	104673	19.828	ug/l	99
20) Methylene Chloride	4.716	84	57638	28.231	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	28832	19.461	ug/l	94
22) Diisopropyl ether	6.125	45	115453	20.244	ug/l	95
23) Vinyl Acetate	6.070	43	340127	96.621	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	62516	20.111	ug/l	97
25) 2-Butanone	6.996	43	116032	94.629	ug/l	98
26) 2,2-Dichloropropane	6.990	77	57459	20.223	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	39550	20.109	ug/l	98
28) Bromochloromethane	7.344	49	21201	25.138	ug/l	99
29) Tetrahydrofuran	7.356	42	59944	86.493	ug/l	94
30) Chloroform	7.515	83	69212	20.791	ug/l	98
31) Cyclohexane	7.789	56	41220	18.356	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	56893	20.702	ug/l	97
36) 1,1-Dichloropropene	7.923	75	43348	20.225	ug/l	99
37) Ethyl Acetate	7.082	43	40731	19.052	ug/l	98
38) Carbon Tetrachloride	7.905	117	49105	21.107	ug/l	98
39) Methylcyclohexane	9.191	83	44879	18.932	ug/l	98
40) Benzene	8.167	78	132870	20.329	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	20499m	17.808	ug/l	
42) 1,2-Dichloroethane	8.240	62	45101	20.148	ug/l	95
43) Isopropyl Acetate	8.283	43	69494	19.030	ug/l	96
44) Trichloroethene	8.947	130	37585	20.589	ug/l	94
45) 1,2-Dichloropropane	9.222	63	37455	20.549	ug/l	96
46) Dibromomethane	9.307	93	23480	20.138	ug/l	95
47) Bromodichloromethane	9.502	83	54760	21.071	ug/l	100
48) Methyl methacrylate	9.301	41	29583	18.456	ug/l	90
49) 1,4-Dioxane	9.319	88	8941	388.166	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	216828	95.795	ug/l	94
52) Toluene	10.252	92	88037	20.893	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	57255	20.544	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	61221	20.408	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	35325	20.674	ug/l	97
56) Ethyl methacrylate	10.514	69	49749	19.757	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	60016	20.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	66210	82.780	ug/l	94
59) 2-Hexanone	10.837	43	174530	100.504	ug/l	92
60) Dibromochloromethane	10.989	129	41966	21.040	ug/l	100
61) 1,2-Dibromoethane	11.093	107	34122	20.413	ug/l	97
64) Tetrachloroethene	10.727	164	40186	21.291	ug/l	96
65) Chlorobenzene	11.520	112	102846	21.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	40588	21.759	ug/l	98
67) Ethyl Benzene	11.599	91	176530	21.032	ug/l	99
68) m/p-Xylenes	11.709	106	135870	42.590	ug/l	96
69) o-Xylene	12.032	106	66255	21.180	ug/l	98
70) Styrene	12.050	104	114584	21.399	ug/l	97
71) Bromoform	12.215	173	28212	20.871	ug/l #	100
73) Isopropylbenzene	12.337	105	180038	20.952	ug/l	100
74) N-amyl acetate	12.148	43	62862	19.464	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	46837	19.585	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36027m	19.715	ug/l	
77) Bromobenzene	12.611	156	42911	20.344	ug/l	93
78) n-propylbenzene	12.678	91	221484	21.217	ug/l	99
79) 2-Chlorotoluene	12.764	91	124071	20.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	149584	20.794	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	15650	19.286	ug/l	96
82) 4-Chlorotoluene	12.861	91	128818	20.737	ug/l	99
83) tert-Butylbenzene	13.081	119	134716	21.382	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	151869	21.100	ug/l	99
85) sec-Butylbenzene	13.257	105	202146	21.439	ug/l	100
86) p-Isopropyltoluene	13.373	119	167967	21.326	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	87826	20.988	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	89056	21.280	ug/l	99
89) n-Butylbenzene	13.702	91	160774	21.557	ug/l	97
90) Hexachloroethane	13.965	117	31705	20.858	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	82389	21.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8841	18.614	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	51812	21.306	ug/l	99
94) Hexachlorobutadiene	15.117	225	27976	22.465	ug/l	96
95) Naphthalene	15.239	128	125685	19.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46960	20.922	ug/l	99

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**Instrument :**  
 MSVOA\_Y  
**ClientSampleId :**  
 VY0928SBS01

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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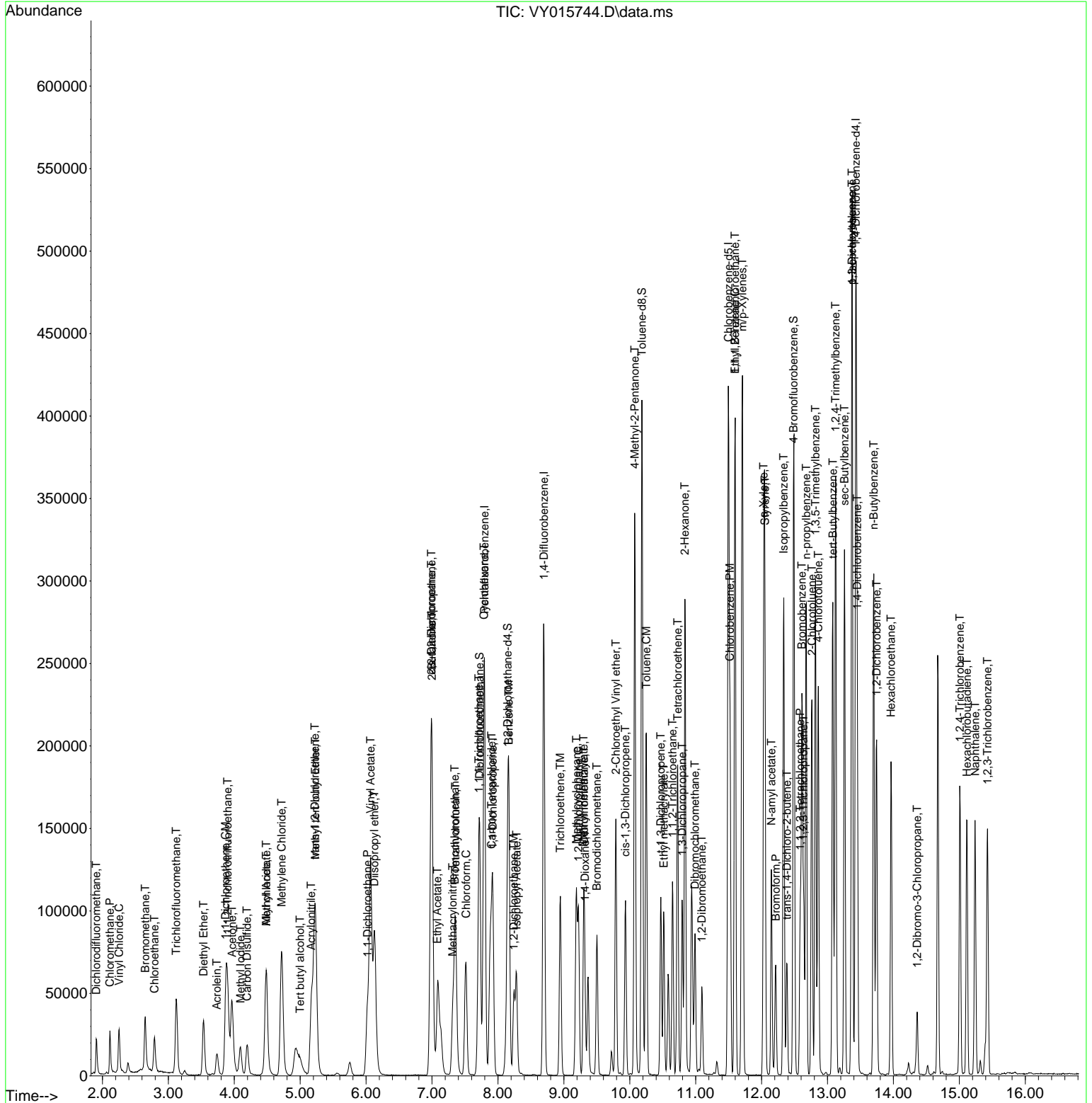
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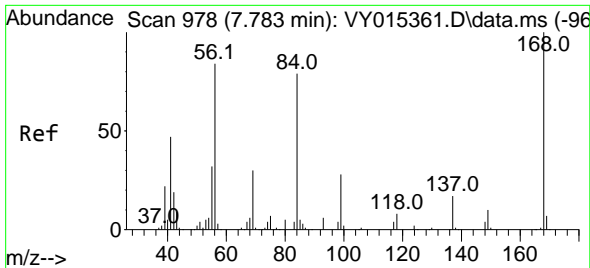
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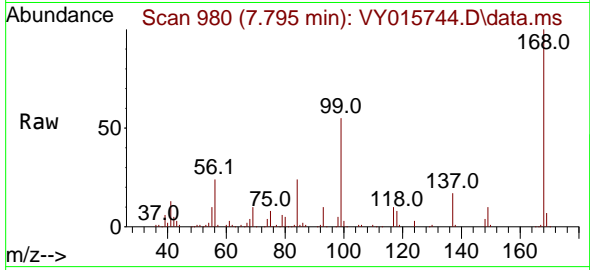
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.795 min Scan# 91  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

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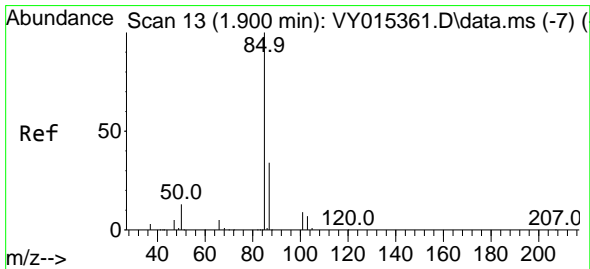
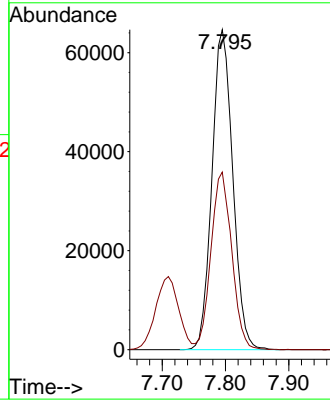
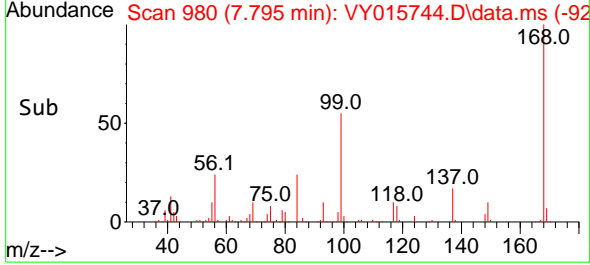
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 Ion Ratio Lower Upper  
 168 100  
 99 55.5 43.4 65.0

Manual Integrations

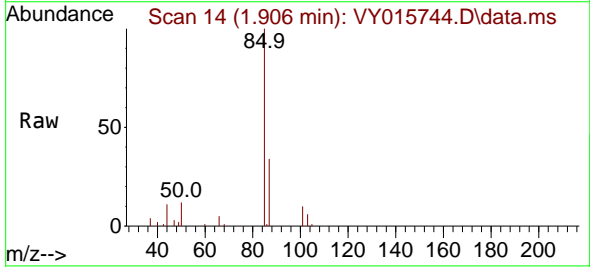
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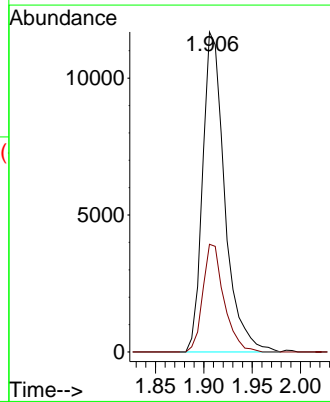
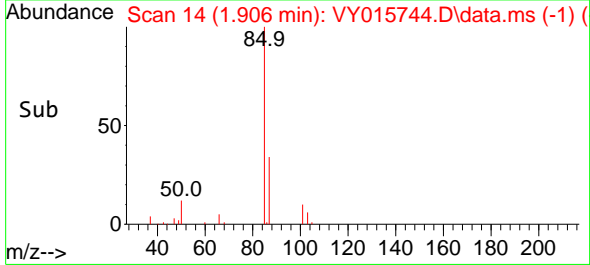
Supervised By :Mahesh Dadoda 09/29/2023

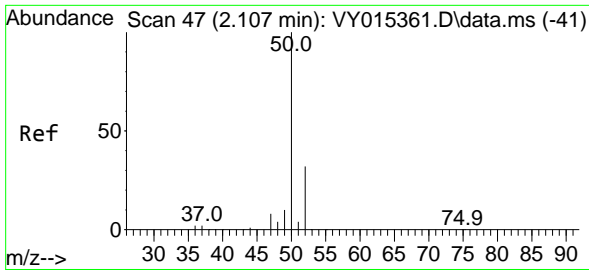


#2  
 Dichlorodifluoromethane  
 Concen: 19.158 ug/l  
 RT: 1.906 min Scan# 14  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



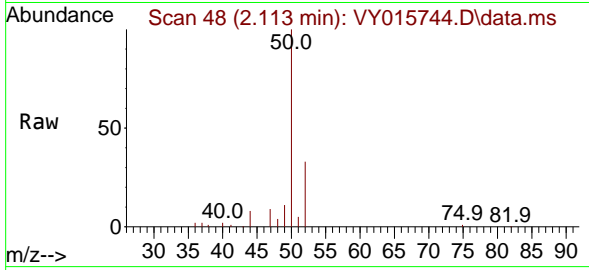
Tgt Ion: 85 Resp: 18605  
 Ion Ratio Lower Upper  
 85 100  
 87 33.7 15.6 46.8





#3  
 Chloromethane  
 Concen: 17.324 ug/l  
 RT: 2.113 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

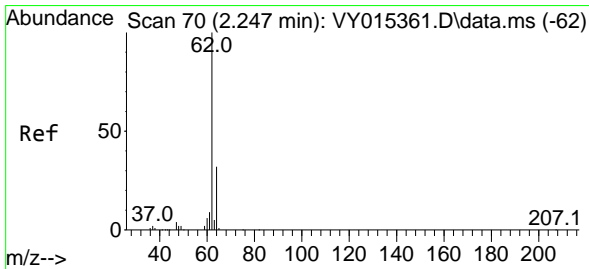
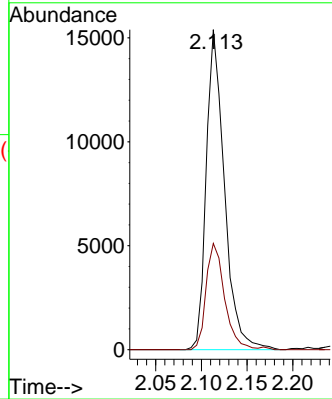
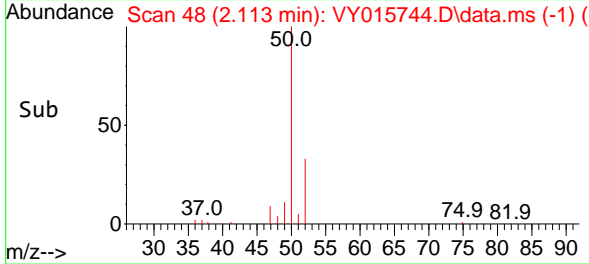
Instrument : MSVOA\_Y  
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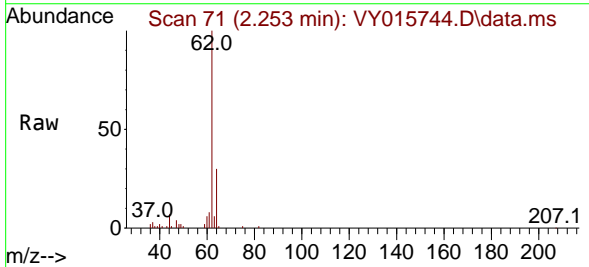
Tgt Ion: 50 Resp: 2122  
 Ion Ratio Lower Upper  
 50 100  
 52 33.2 25.4 38.2

Manual Integrations  
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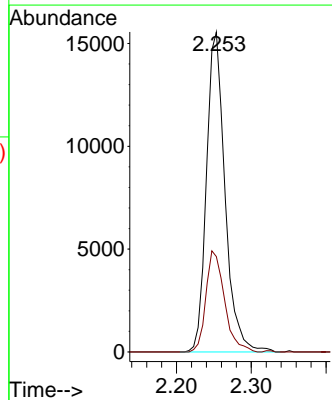
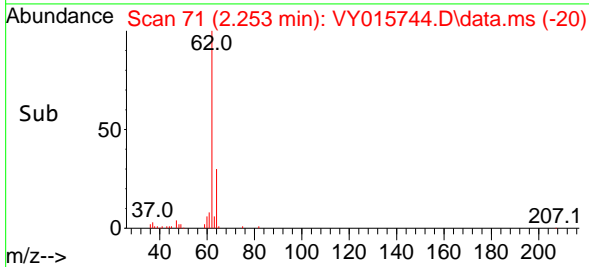
Reviewed By :John Carlone 09/29/2023  
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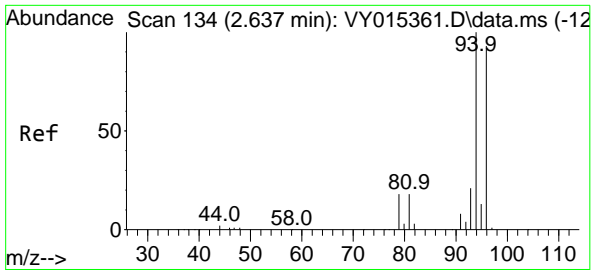


#4  
 Vinyl Chloride  
 Concen: 19.155 ug/l  
 RT: 2.253 min Scan# 71  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



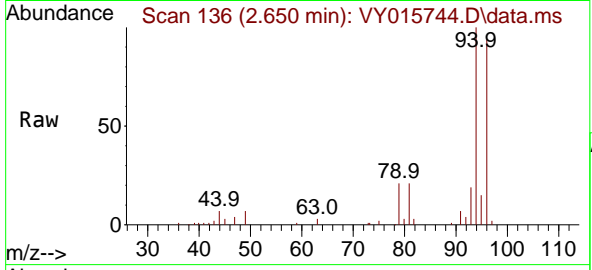
Tgt Ion: 62 Resp: 26832  
 Ion Ratio Lower Upper  
 62 100  
 64 29.8 24.3 36.5





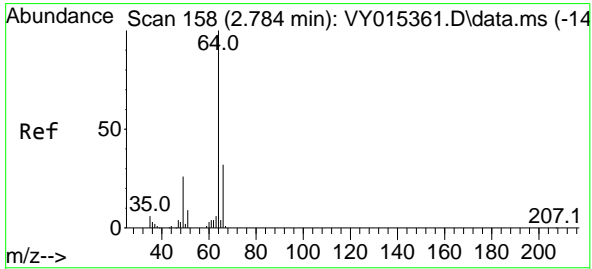
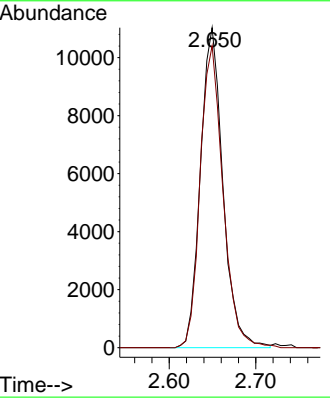
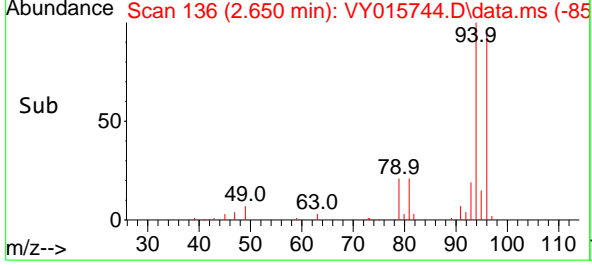
#5  
 Bromomethane  
 Concen: 16.704 ug/l  
 RT: 2.650 min Scan# 111  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
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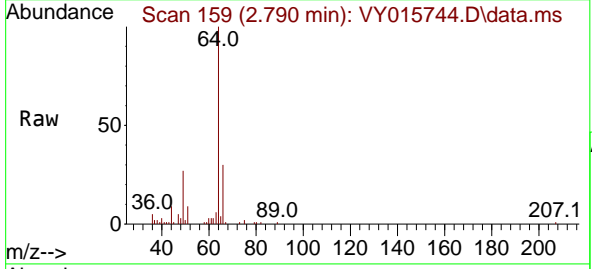


Tgt Ion: 94 Resp: 1986  
 Ion Ratio Lower Upper  
 94 100  
 96 94.4 75.8 113.6

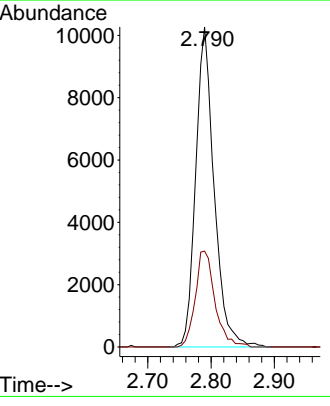
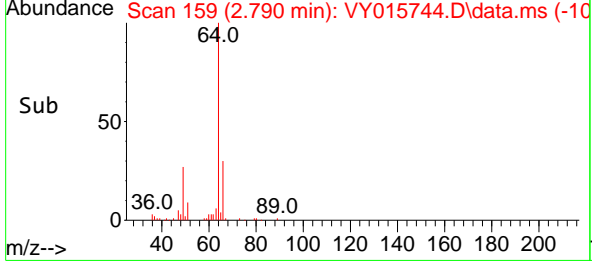
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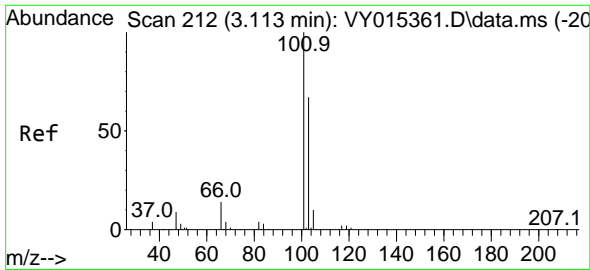


#6  
 Chloroethane  
 Concen: 20.036 ug/l  
 RT: 2.790 min Scan# 159  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 64 Resp: 20803  
 Ion Ratio Lower Upper  
 64 100  
 66 29.9 24.4 36.6





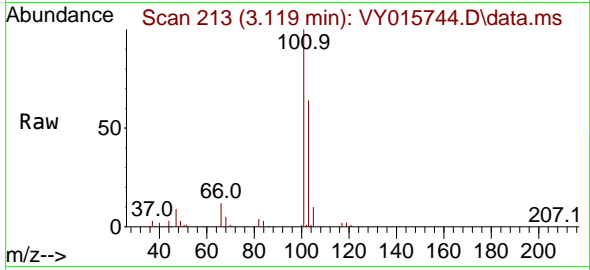
#7  
 Trichlorofluoromethane  
 Concen: 20.275 ug/l  
 RT: 3.119 min Scan# 211  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

Client Sample Id :

VY0928SBS01



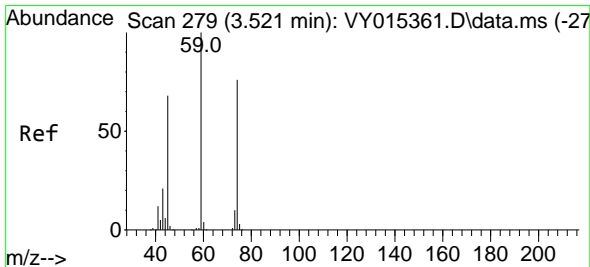
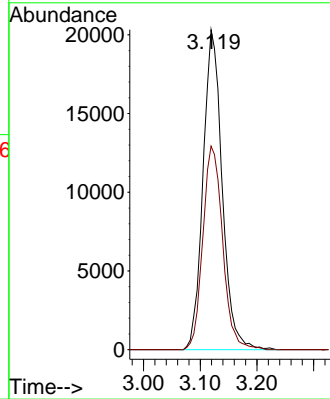
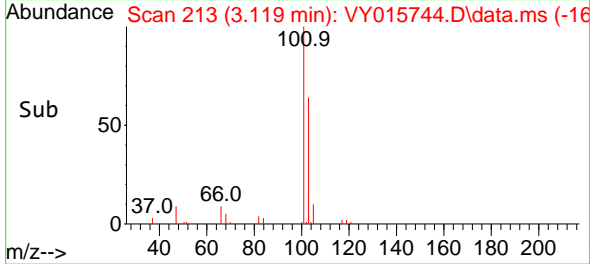
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 Ion Ratio Lower Upper  
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 103 63.6 51.4 77.0

Manual Integrations

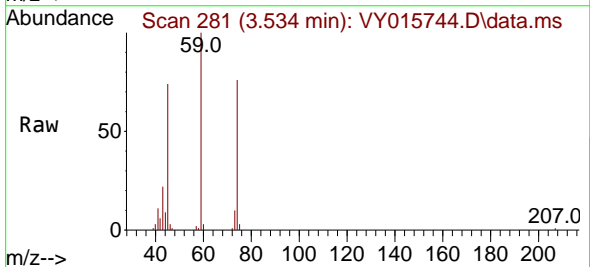
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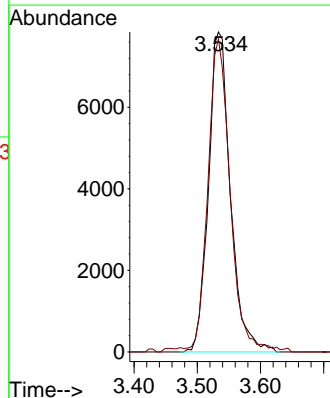
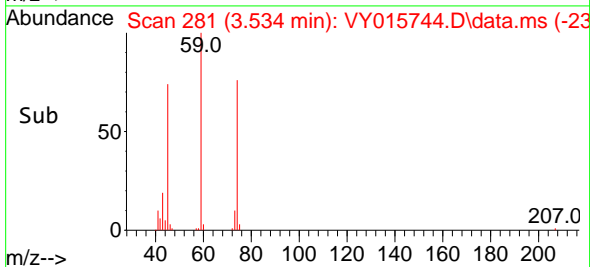
Supervised By : Mahesh Dadoda 09/29/2023



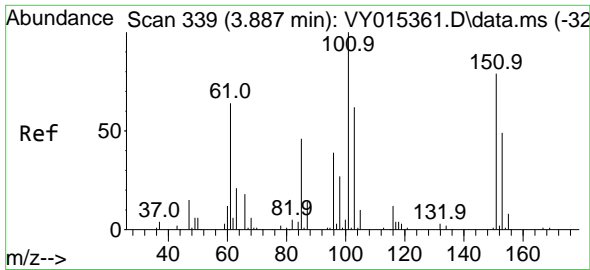
#8  
 Diethyl Ether  
 Concen: 18.855 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 74 Resp: 18889  
 Ion Ratio Lower Upper  
 74 100  
 45 100.5 51.5 154.5







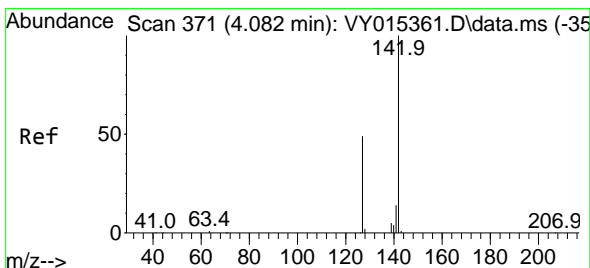
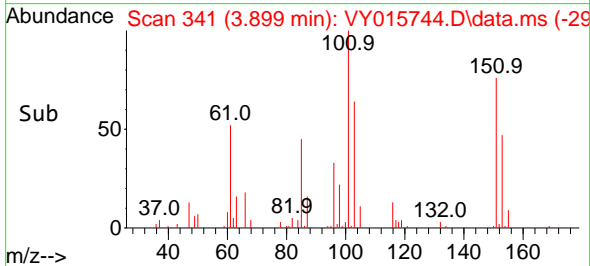
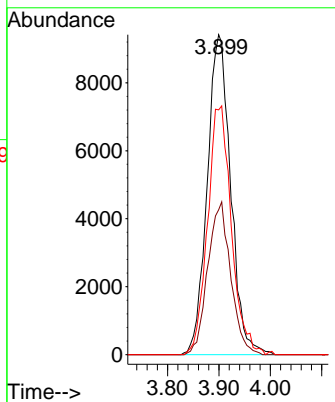
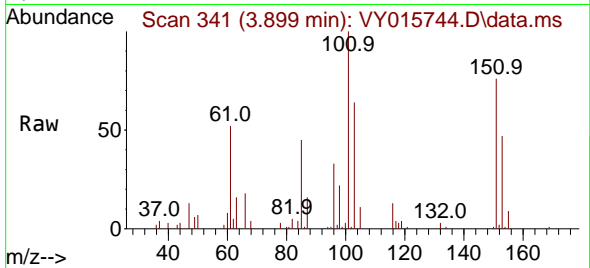
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.330 ug/l  
 RT: 3.899 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01

Tgt Ion	Resp	Lower	Upper
101	2990		
101	100		
85	46.6	36.6	55.0
151	78.8	67.0	100.6

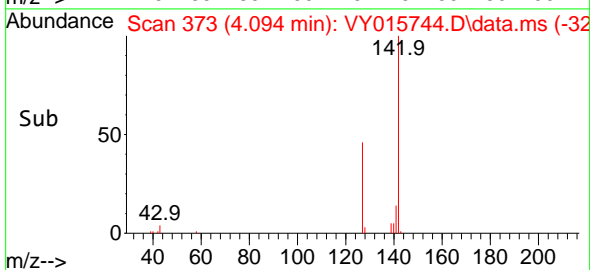
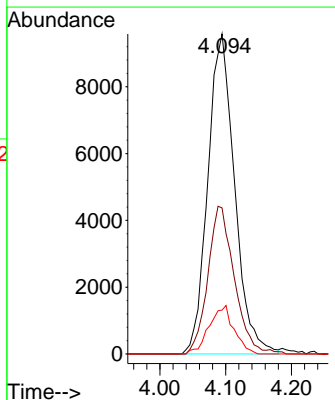
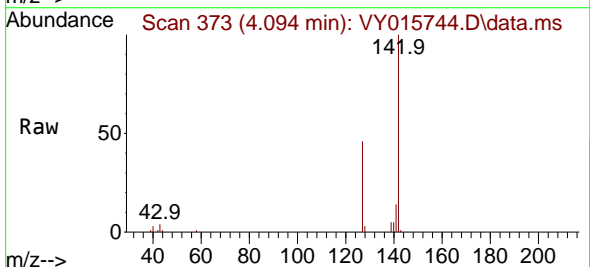
Manual Integrations  
**APPROVED**

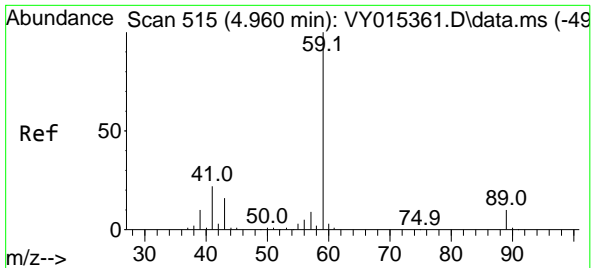
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023



#10  
 Methyl Iodide  
 Concen: 17.578 ug/l  
 RT: 4.094 min Scan# 373  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Tgt Ion	Resp	Lower	Upper
142	27167		
142	100		
127	45.6	37.6	56.4
141	14.0	11.8	17.8





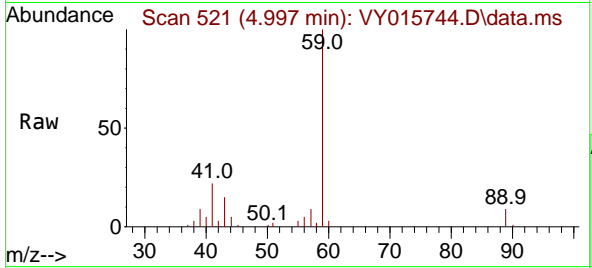
#11  
 Tert butyl alcohol  
 Concen: 100.664 ug/l  
 RT: 4.997 min Scan# 51  
 Delta R.T. 0.043 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



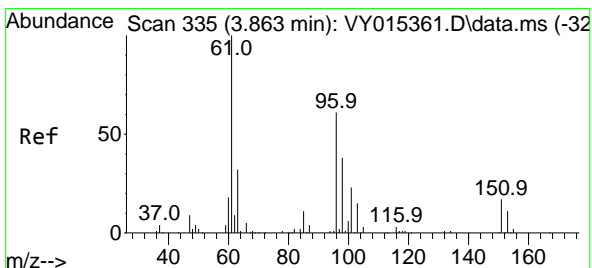
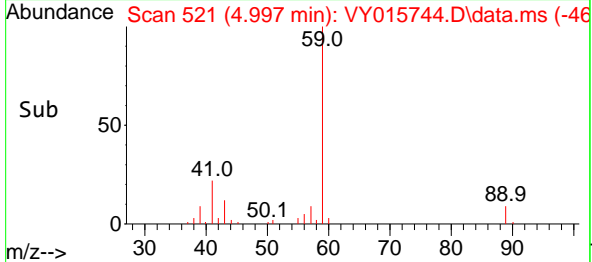
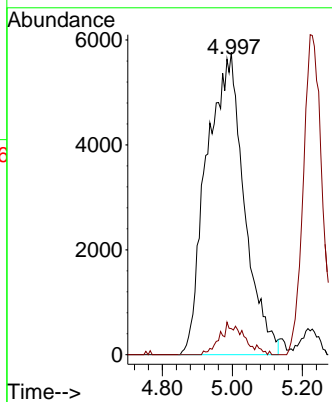
Tgt Ion: 59 Resp: 42808  
 Ion Ratio Lower Upper  
 59 100  
 57 6.4 3.0 4.4

Manual Integrations

APPROVED

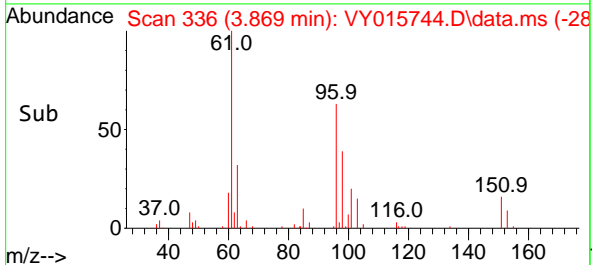
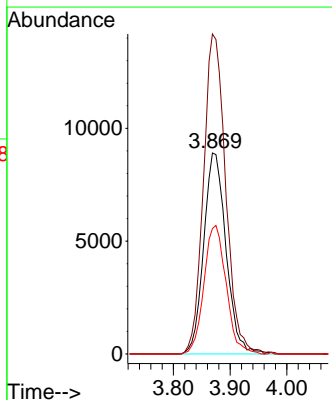
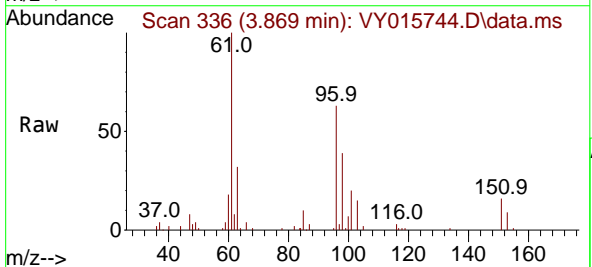
Reviewed By :John Carlone 09/29/2023

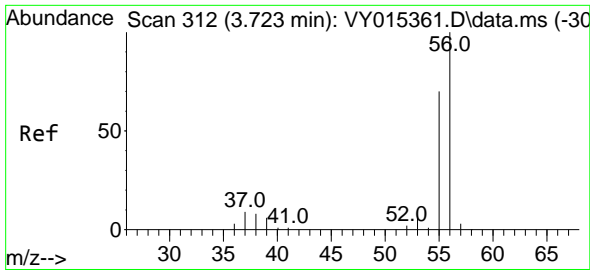
Supervised By :Mahesh Dadoda 09/29/2023



#12  
 1,1-Dichloroethene  
 Concen: 18.804 ug/l  
 RT: 3.869 min Scan# 336  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Tgt Ion: 96 Resp: 24373  
 Ion Ratio Lower Upper  
 96 100  
 61 159.2 136.4 204.6  
 98 62.4 49.4 74.2





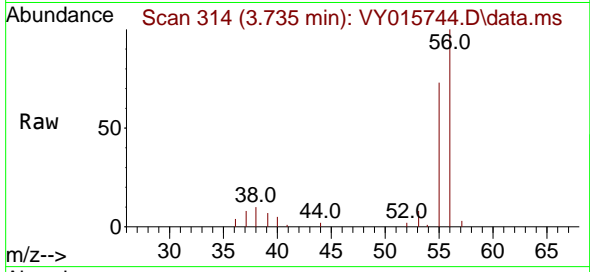
#13  
 Acrolein  
 Concen: 66.512 ug/l  
 RT: 3.735 min Scan# 312  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



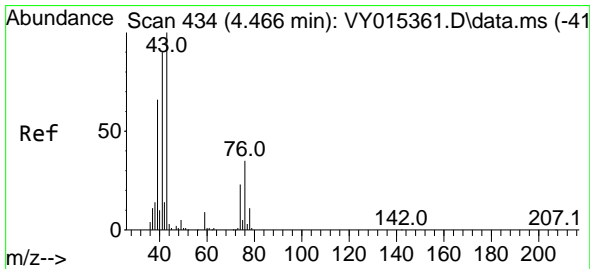
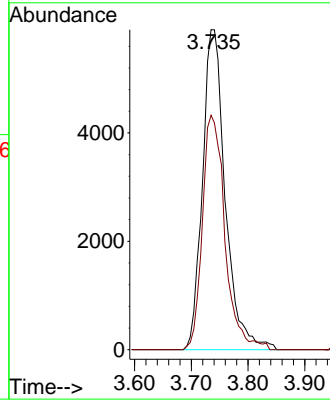
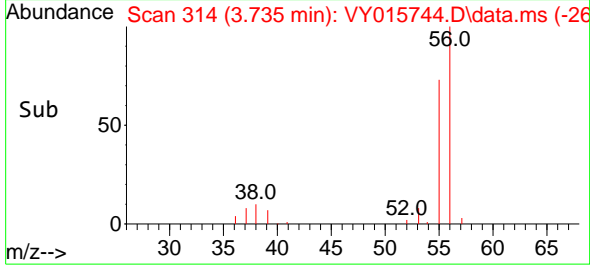
Tgt Ion: 56 Resp: 16512  
 Ion Ratio Lower Upper  
 56 100  
 55 72.5 57.0 85.4

Manual Integrations

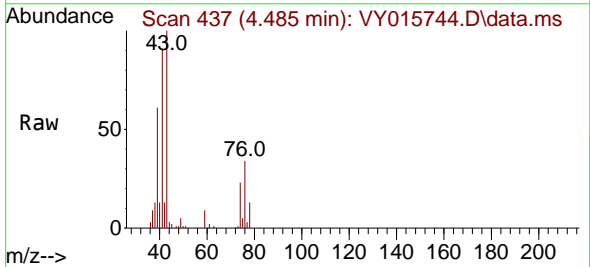
APPROVED

Reviewed By :John Carlone 09/29/2023

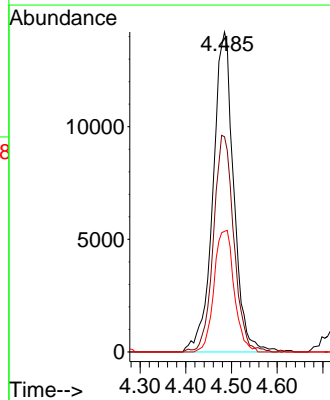
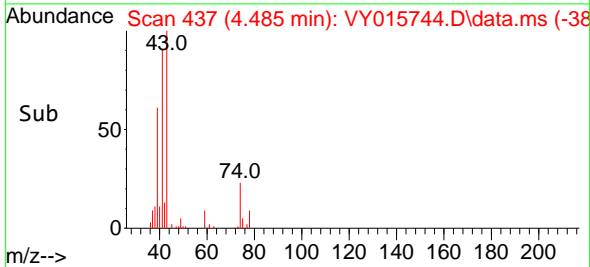
Supervised By :Mahesh Dadoda 09/29/2023

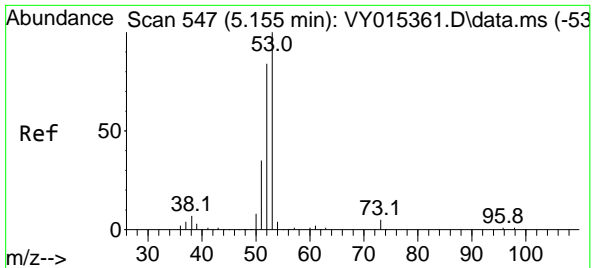


#14  
 Allyl chloride  
 Concen: 18.919 ug/l  
 RT: 4.485 min Scan# 437  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 41 Resp: 44835  
 Ion Ratio Lower Upper  
 41 100  
 39 66.3 58.0 87.0  
 76 36.8 27.4 41.2





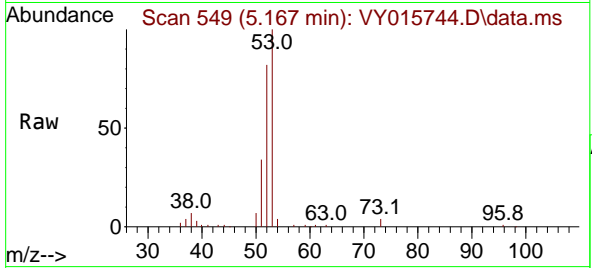
#15  
 Acrylonitrile  
 Concen: 92.040 ug/l  
 RT: 5.167 min Scan# 54  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



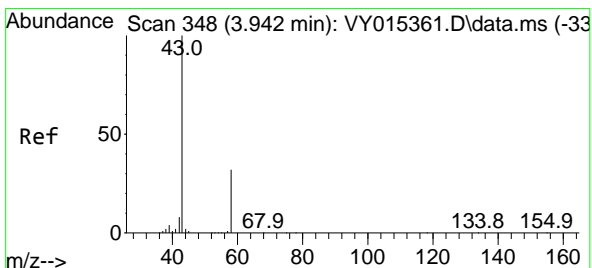
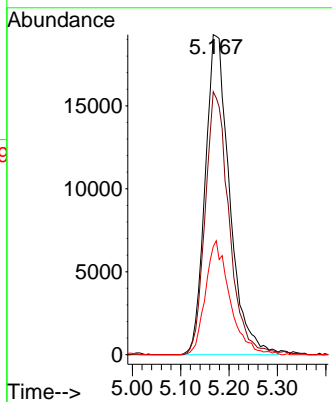
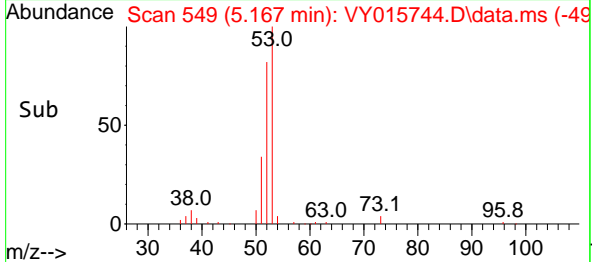
Tgt Ion: 53 Resp: 6764  
 Ion Ratio Lower Upper  
 53 100  
 52 80.5 66.9 100.3  
 51 35.7 29.8 44.6

Manual Integrations

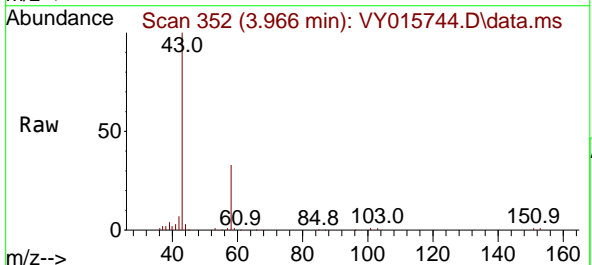
APPROVED

Reviewed By :John Carlone 09/29/2023

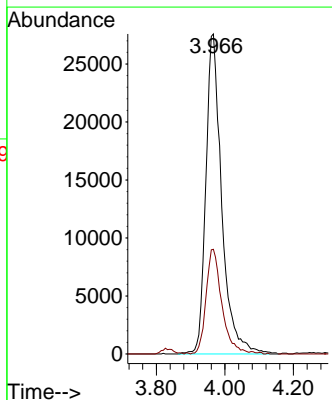
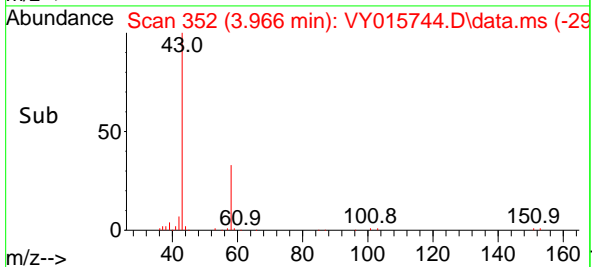
Supervised By :Mahesh Dadoda 09/29/2023

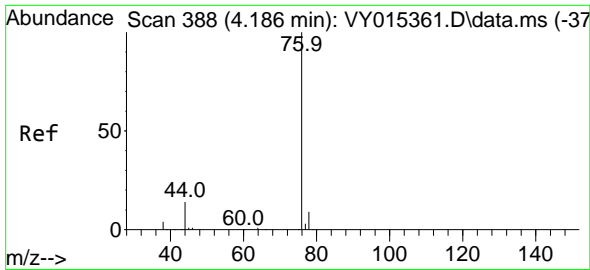


#16  
 Acetone  
 Concen: 102.566 ug/l  
 RT: 3.966 min Scan# 352  
 Delta R.T. 0.024 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 43 Resp: 88976  
 Ion Ratio Lower Upper  
 43 100  
 58 32.7 22.7 34.1





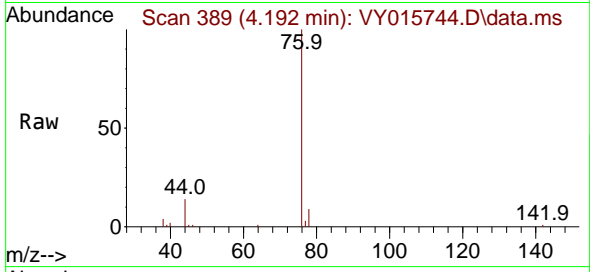
#17  
 Carbon Disulfide  
 Concen: 14.977 ug/l  
 RT: 4.192 min Scan# 389  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

Client Sample Id :

VY0928SBS01



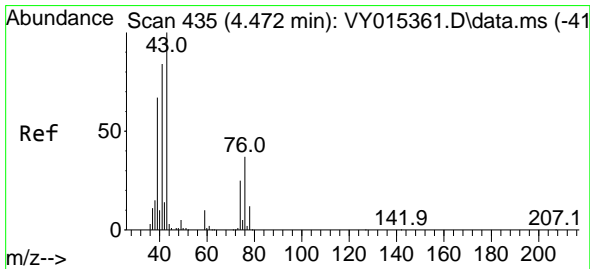
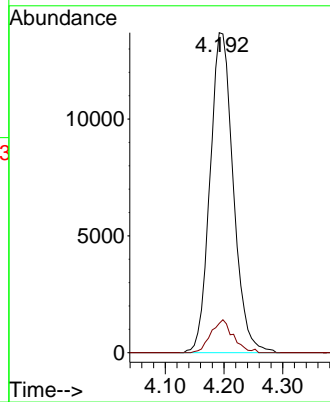
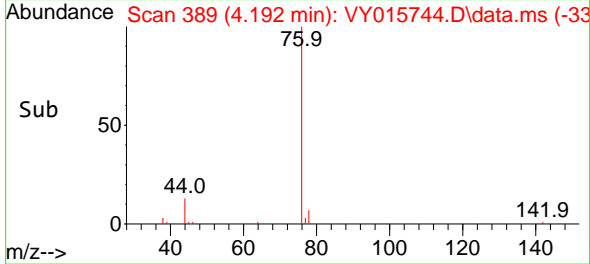
Tgt Ion: 76 Resp: 3771  
 Ion Ratio Lower Upper  
 76 100  
 78 9.2 7.0 10.4

Manual Integrations

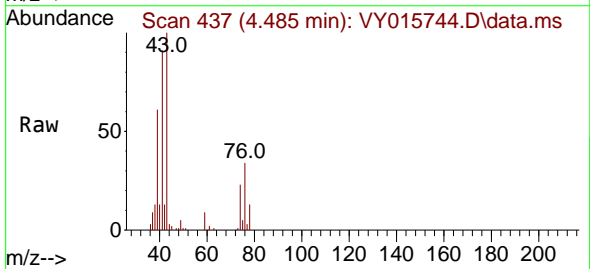
APPROVED

Reviewed By :John Carlone 09/29/2023

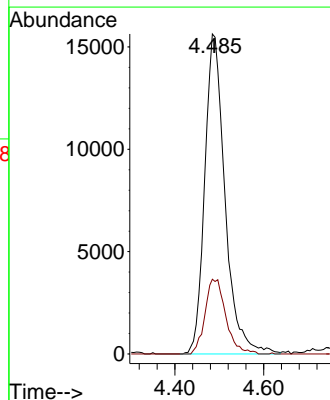
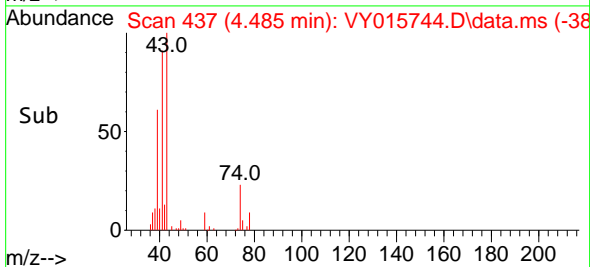
Supervised By :Mahesh Dadoda 09/29/2023

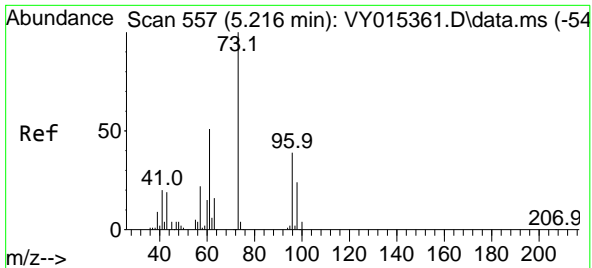


#18  
 Methyl Acetate  
 Concen: 17.084 ug/l  
 RT: 4.485 min Scan# 437  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 43 Resp: 49725  
 Ion Ratio Lower Upper  
 43 100  
 74 23.9 17.4 26.0





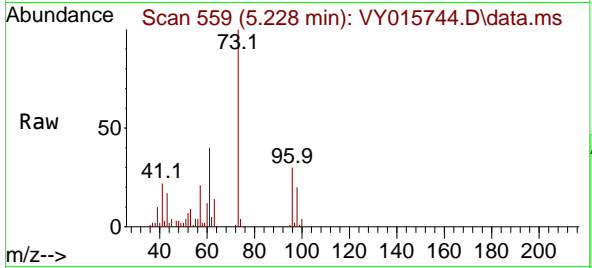
#19  
 Methyl tert-butyl Ether  
 Concen: 19.828 ug/l  
 RT: 5.228 min Scan# 51  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01

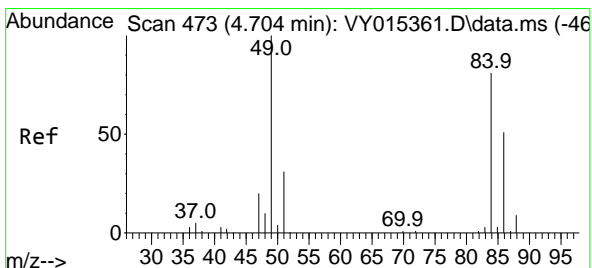
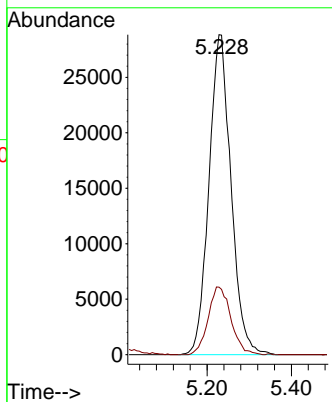
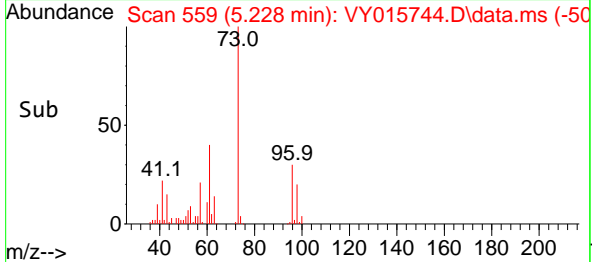


Tgt Ion: 73 Resp: 10467  
 Ion Ratio Lower Upper  
 73 100  
 57 21.1 17.3 25.9

Manual Integrations

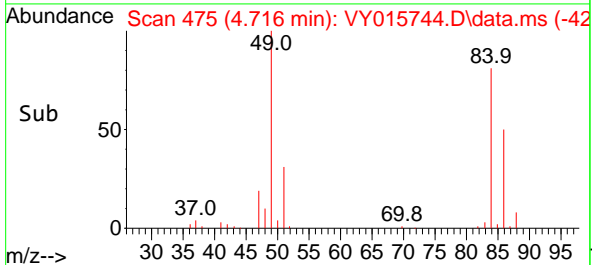
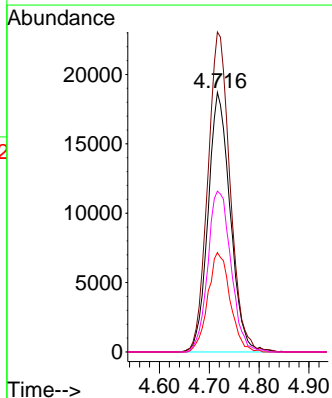
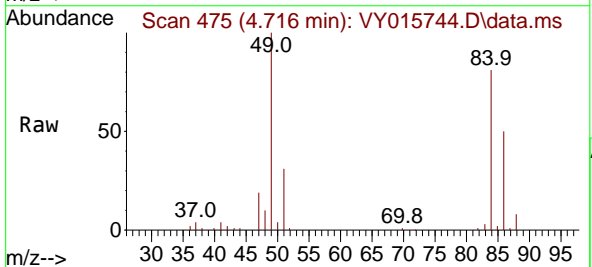
APPROVED

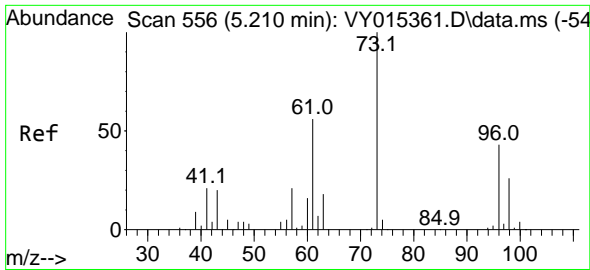
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023



#20  
 Methylene Chloride  
 Concen: 28.231 ug/l  
 RT: 4.716 min Scan# 475  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Tgt Ion: 84 Resp: 57638  
 Ion Ratio Lower Upper  
 84 100  
 49 123.3 106.9 160.3  
 51 38.3 33.2 49.8  
 86 62.0 51.0 76.6





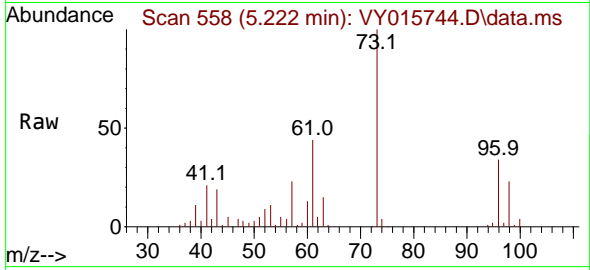
#21  
 trans-1,2-Dichloroethene  
 Concen: 19.461 ug/l  
 RT: 5.222 min Scan# 511  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



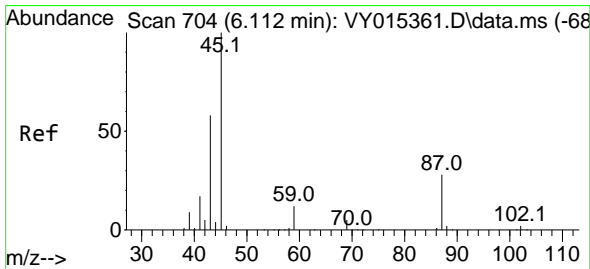
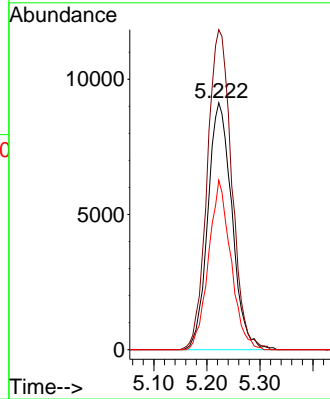
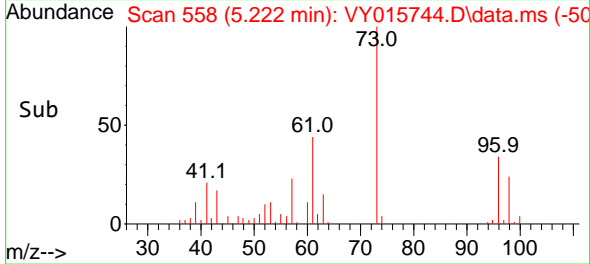
Tgt Ion: 96 Resp: 2883  
 Ion Ratio Lower Upper  
 96 100  
 61 129.6 110.2 165.4  
 98 68.6 51.8 77.6

Manual Integrations

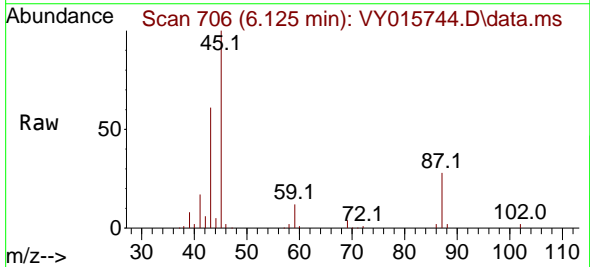
APPROVED

Reviewed By :John Carlone 09/29/2023

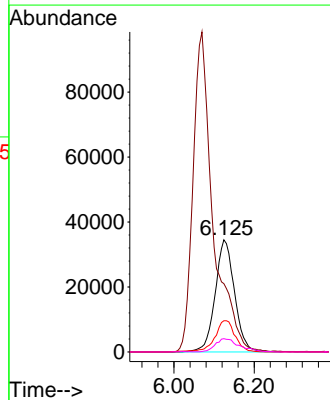
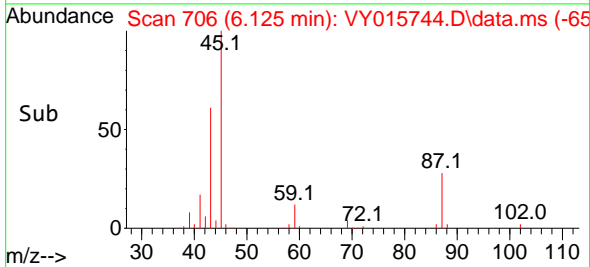
Supervised By :Mahesh Dadoda 09/29/2023

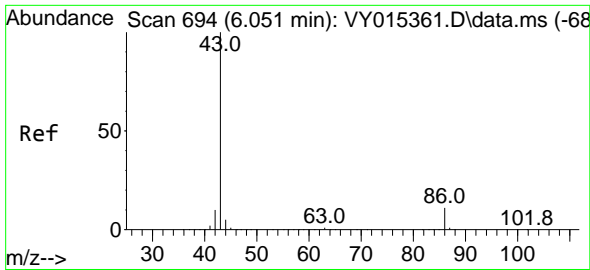


#22  
 Diisopropyl ether  
 Concen: 20.244 ug/l  
 RT: 6.125 min Scan# 706  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



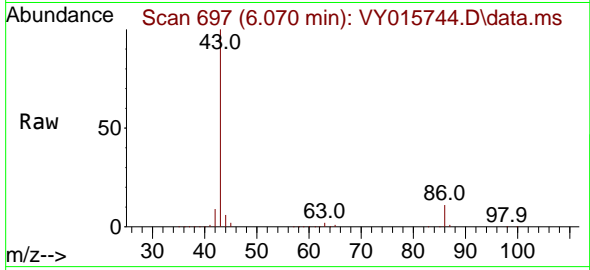
Tgt Ion: 45 Resp: 115453  
 Ion Ratio Lower Upper  
 45 100  
 43 60.2 52.2 78.4  
 87 27.9 21.0 31.6  
 59 11.9 8.9 13.3





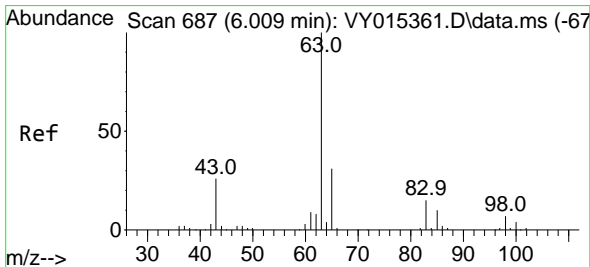
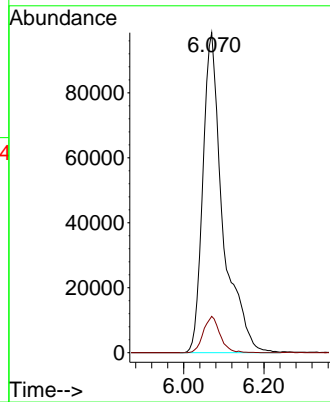
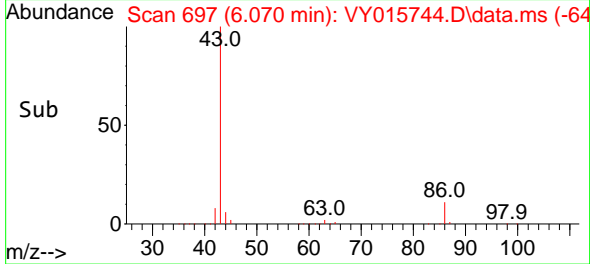
#23  
 Vinyl Acetate  
 Concen: 96.621 ug/l  
 RT: 6.070 min Scan# 694  
 Delta R.T. 0.019 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01

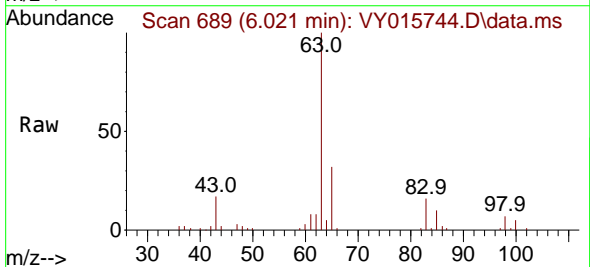


Tgt Ion: 43 Resp: 34012  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.5 11.3

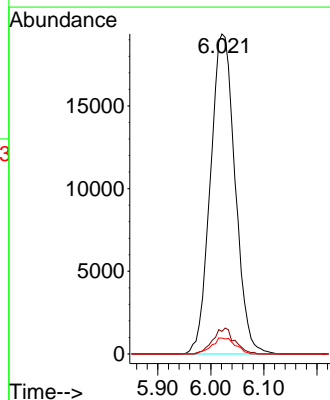
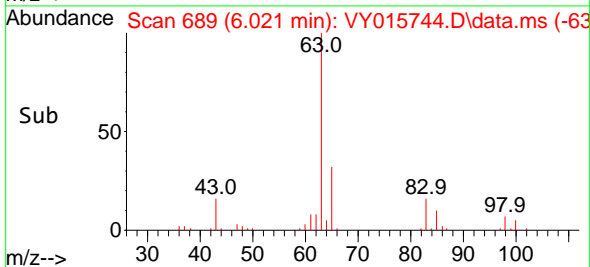
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 09/29/2023  
 Supervised By : Mahesh Dadoda 09/29/2023



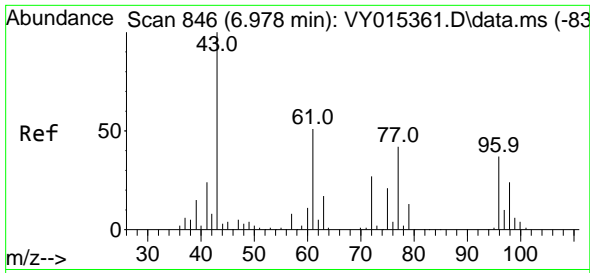
#24  
 1,1-Dichloroethane  
 Concen: 20.111 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 63 Resp: 62516  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.1 9.4  
 100 4.9 1.8 5.5

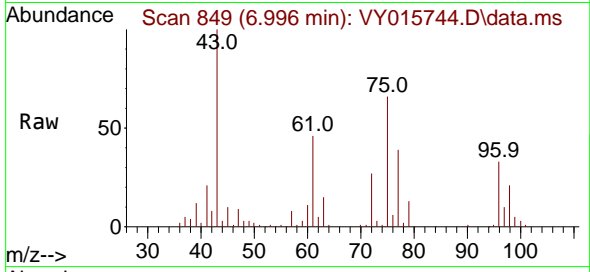






#25  
 2-Butanone  
 Concen: 94.629 ug/l  
 RT: 6.996 min Scan# 846  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

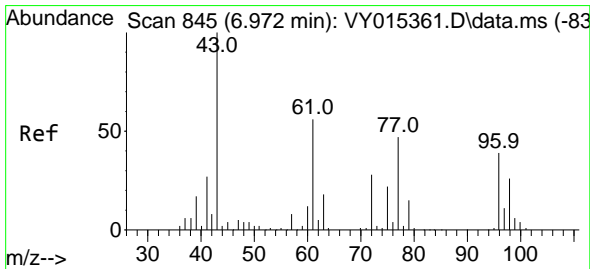
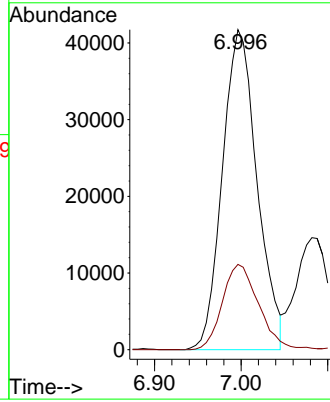
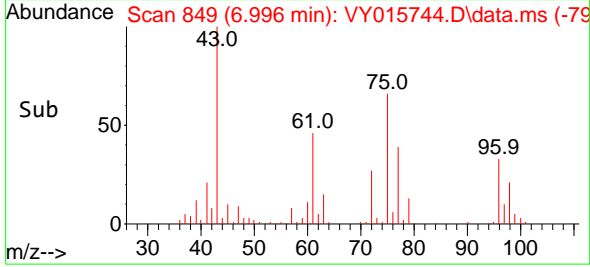
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0928SBS01



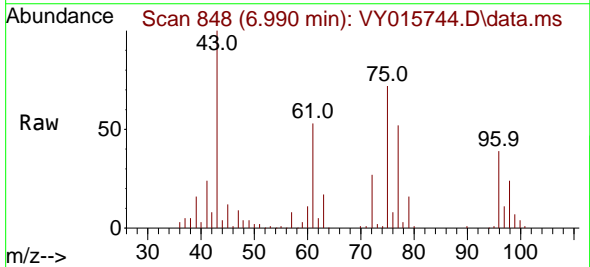
Tgt Ion: 43 Resp: 11603  
 Ion Ratio Lower Upper  
 43 100  
 72 26.7 20.5 30.7

Manual Integrations  
 APPROVED

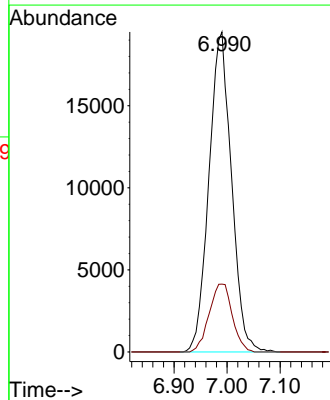
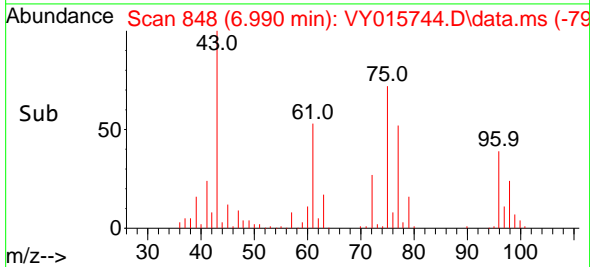
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

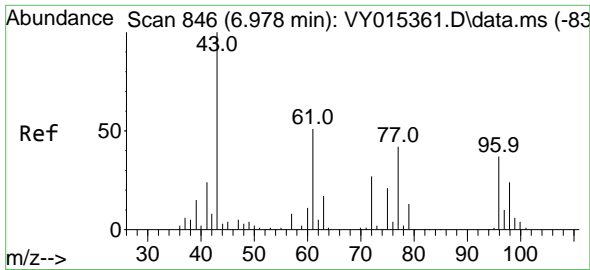


#26  
 2,2-Dichloropropane  
 Concen: 20.223 ug/l  
 RT: 6.990 min Scan# 848  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 77 Resp: 57459  
 Ion Ratio Lower Upper  
 77 100  
 97 21.8 10.9 32.9





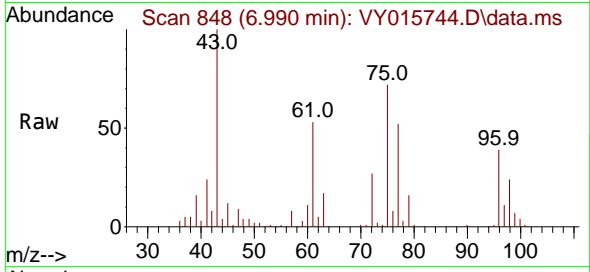
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.109 ug/l  
 RT: 6.990 min Scan# 846  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



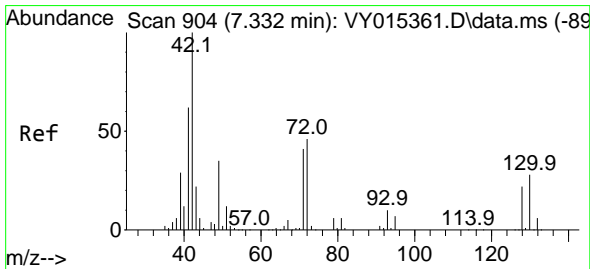
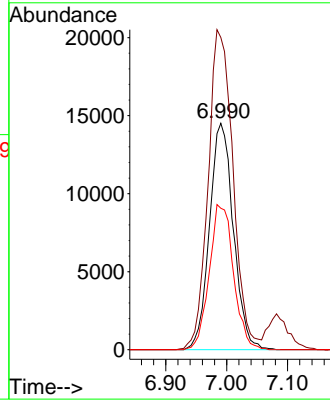
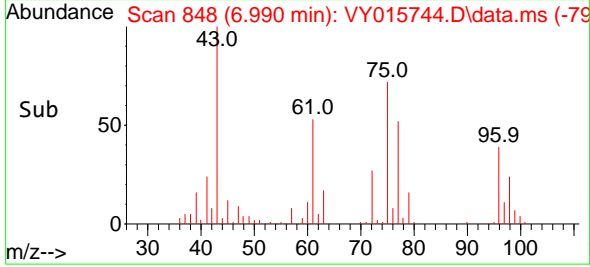
Tgt Ion: 96 Resp: 39550  
 Ion Ratio Lower Upper  
 96 100  
 61 147.7 0.0 301.4  
 98 64.9 0.0 130.4

Manual Integrations

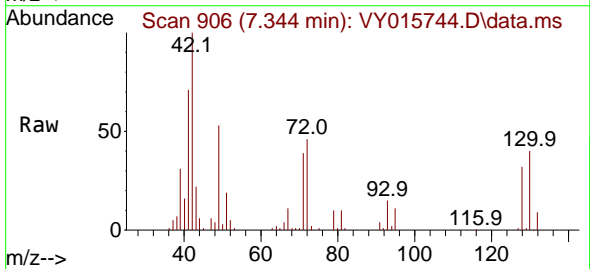
APPROVED

Reviewed By :John Carlone 09/29/2023

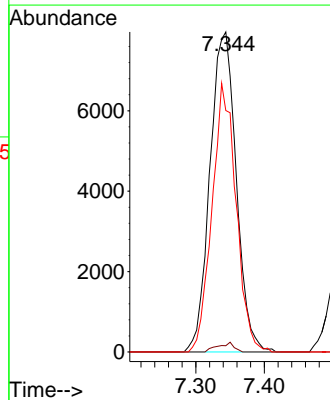
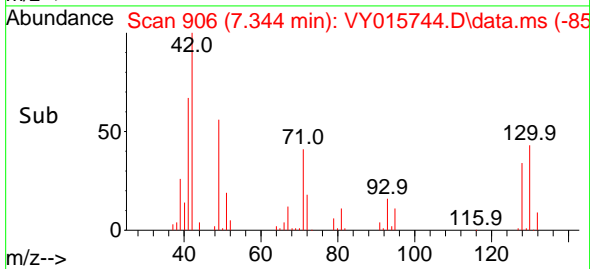
Supervised By :Mahesh Dadoda 09/29/2023

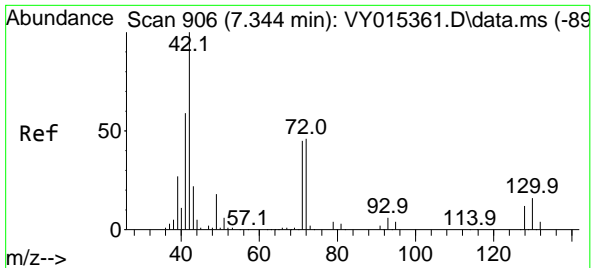


#28  
 Bromochloromethane  
 Concen: 25.138 ug/l  
 RT: 7.344 min Scan# 906  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



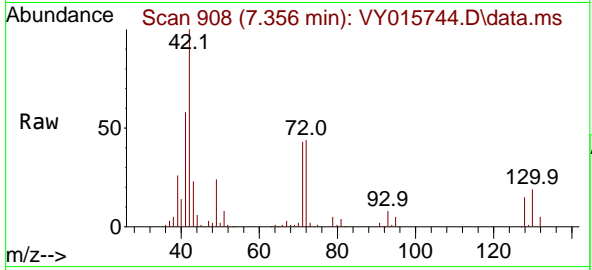
Tgt Ion: 49 Resp: 21201  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 4.6  
 130 76.7 60.7 91.1





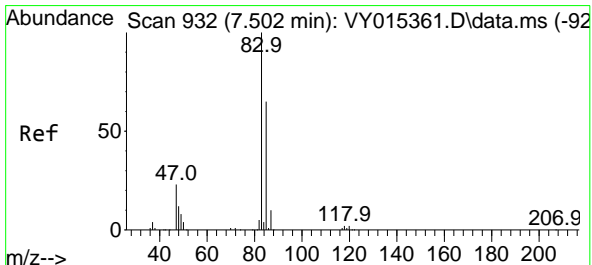
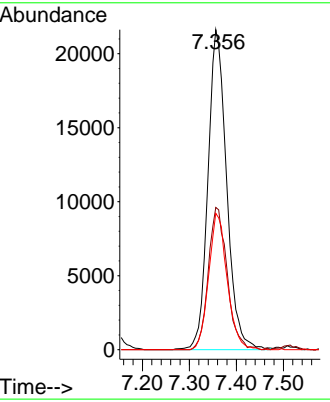
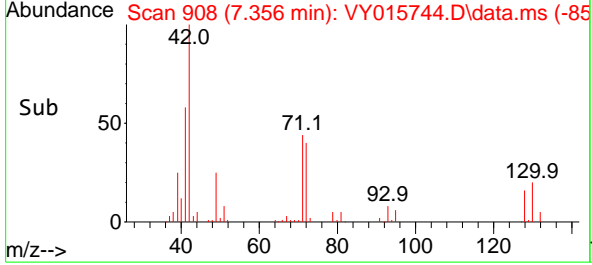
#29  
 Tetrahydrofuran  
 Concen: 86.493 ug/l  
 RT: 7.356 min Scan# 906  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01

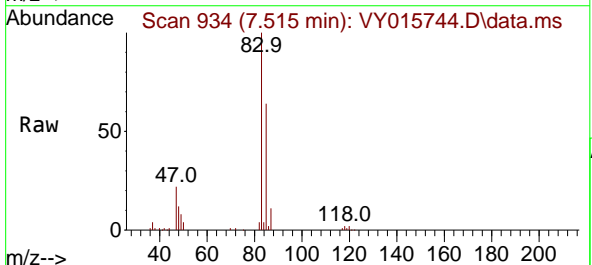


Tgt Ion: 42 Resp: 5994  
 Ion Ratio Lower Upper  
 42 100  
 72 44.7 32.8 49.2  
 71 42.1 31.0 46.4

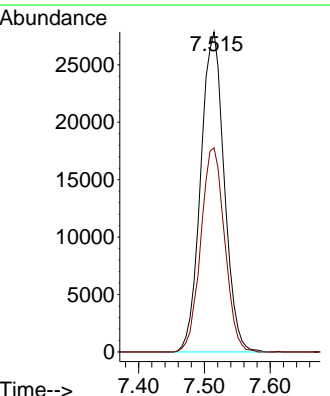
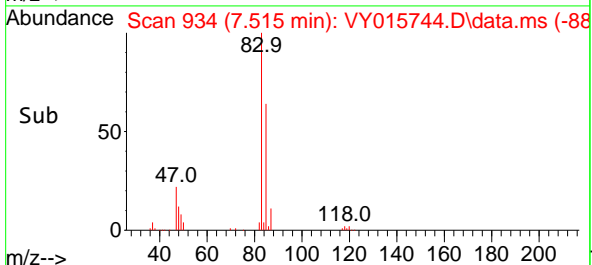
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

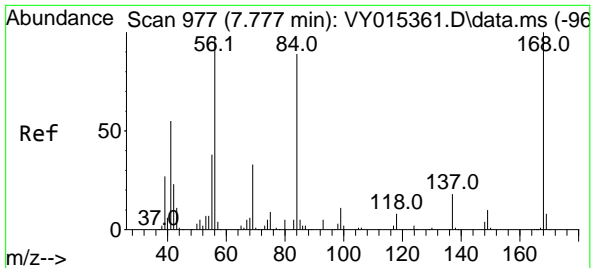


#30  
 Chloroform  
 Concen: 20.791 ug/l  
 RT: 7.515 min Scan# 934  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



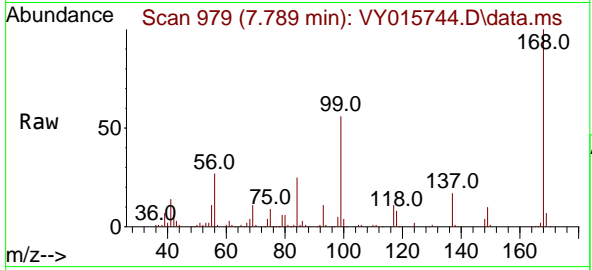
Tgt Ion: 83 Resp: 69212  
 Ion Ratio Lower Upper  
 83 100  
 85 63.8 49.7 74.5





#31  
 Cyclohexane  
 Concen: 18.356 ug/l  
 RT: 7.789 min Scan# 911  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

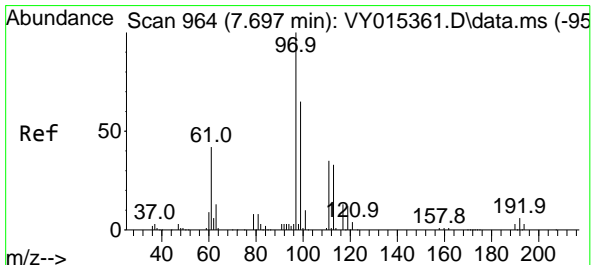
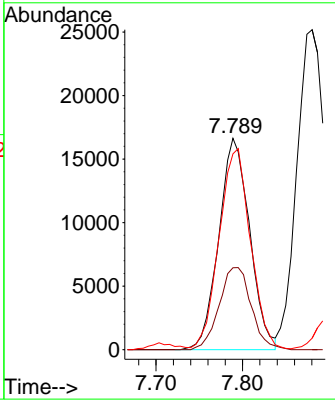
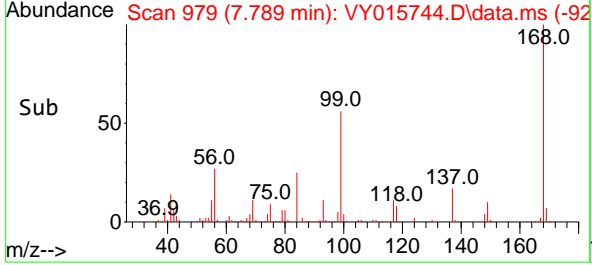
Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01



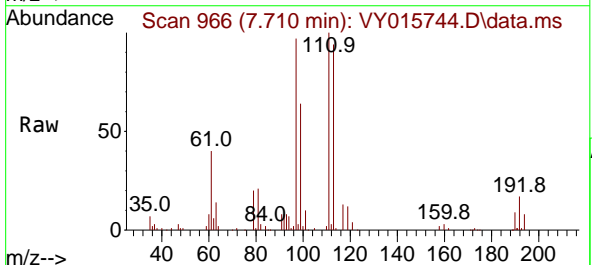
Tgt Ion: 56 Resp: 41220

Ion	Ratio	Lower	Upper
56	100		
69	38.7	27.8	41.6
84	91.1	66.4	99.6

Manual Integrations  
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 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

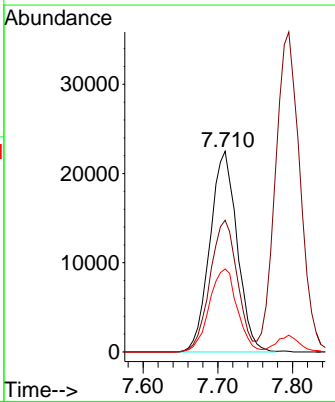
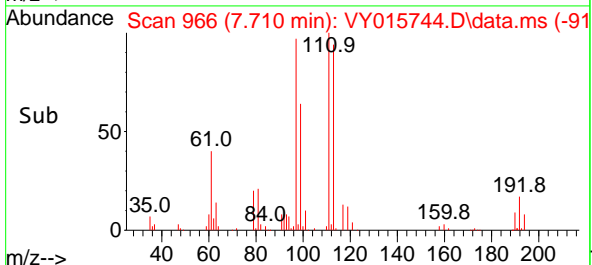


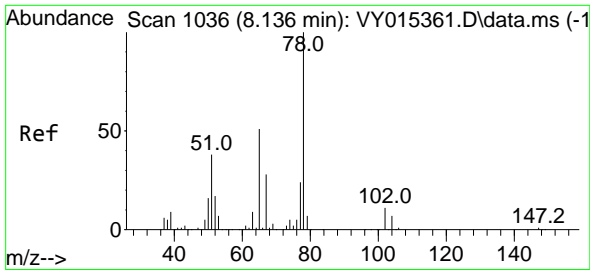
#32  
 1,1,1-Trichloroethane  
 Concen: 20.702 ug/l  
 RT: 7.710 min Scan# 966  
 Delta R.T. 0.019 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 97 Resp: 56893

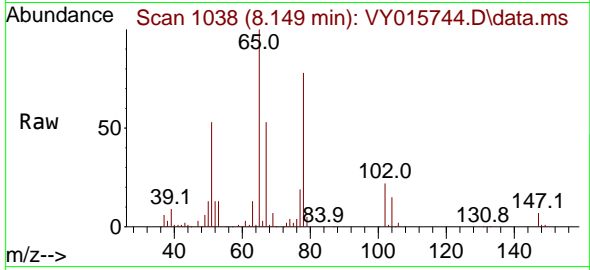
Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.8	76.2
61	42.4	35.1	52.7





#33  
 1,2-Dichloroethane-d4  
 Concen: 48.685 ug/l  
 RT: 8.149 min Scan# 1038  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

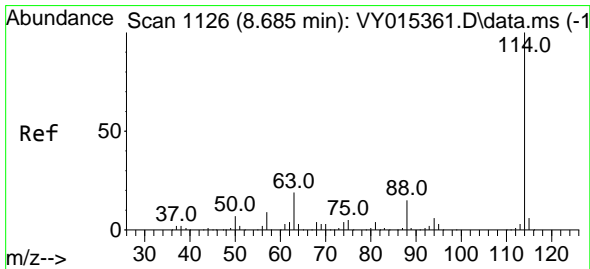
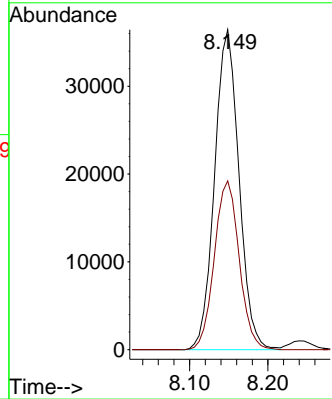
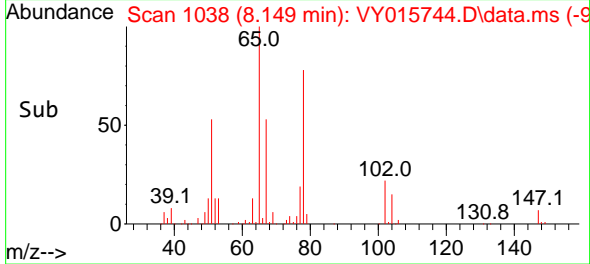
Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01



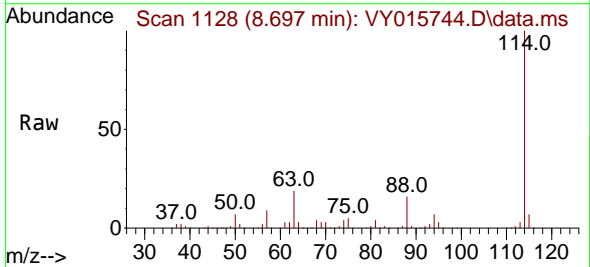
Tgt Ion: 65 Resp: 78919  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 101.8

Manual Integrations  
**APPROVED**

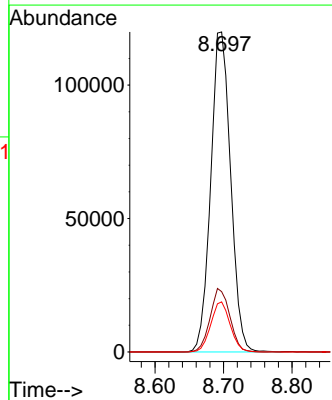
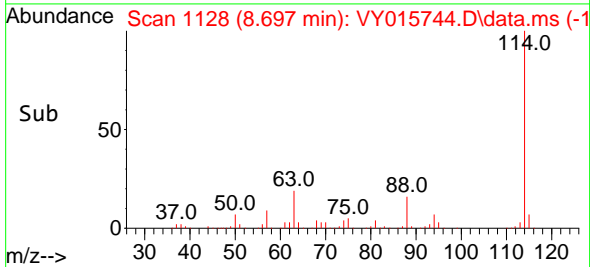
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

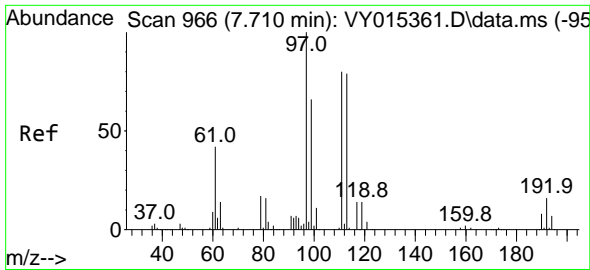


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:114 Resp: 242184  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 42.4  
 88 15.7 0.0 30.6





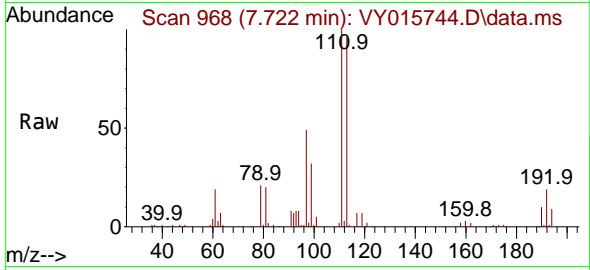
#35  
 Dibromofluoromethane  
 Concen: 51.627 ug/l  
 RT: 7.722 min Scan# 901  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

Client Sample Id :

VY0928SBS01



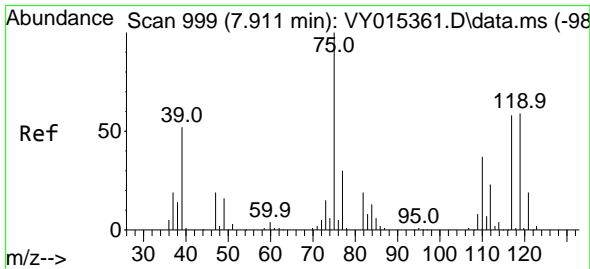
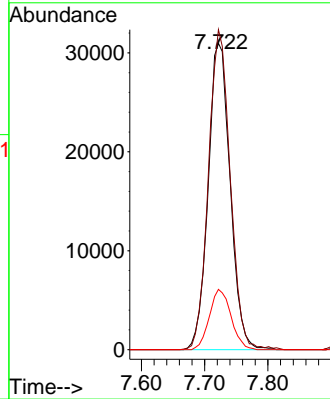
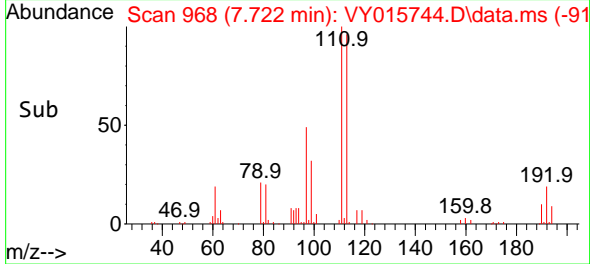
Tgt Ion: 113 Resp: 74836  
 Ion Ratio Lower Upper  
 113 100  
 111 103.3 81.3 121.9  
 192 19.4 16.9 25.3

Manual Integrations

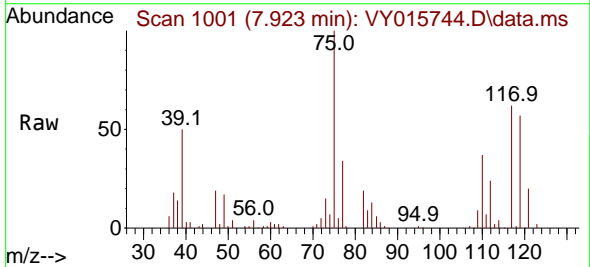
APPROVED

Reviewed By : John Carlone 09/29/2023

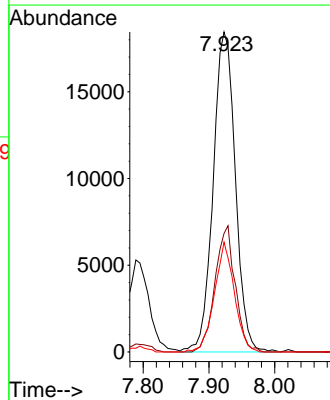
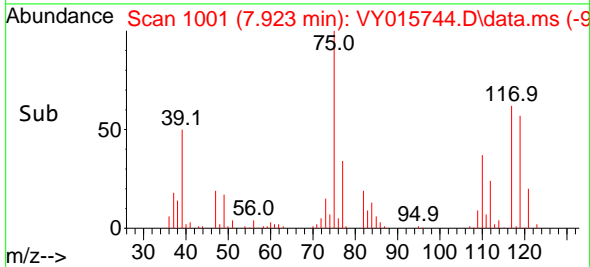
Supervised By : Mahesh Dadoda 09/29/2023

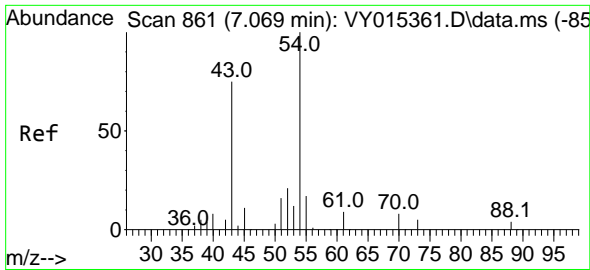


#36  
 1,1-Dichloropropene  
 Concen: 20.225 ug/l  
 RT: 7.923 min Scan# 1001  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 75 Resp: 43348  
 Ion Ratio Lower Upper  
 75 100  
 110 35.9 17.8 53.5  
 77 30.9 24.4 36.6





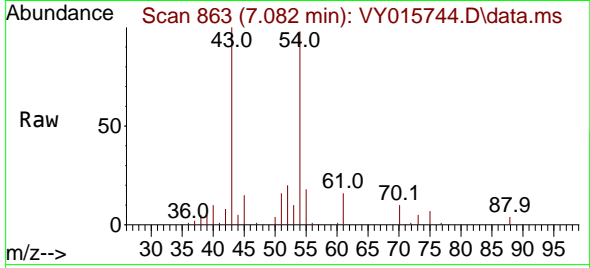
#37  
 Ethyl Acetate  
 Concen: 19.052 ug/l  
 RT: 7.082 min Scan# 80  
 Delta R.T. 0.019 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



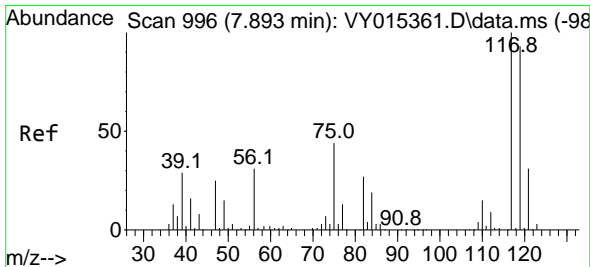
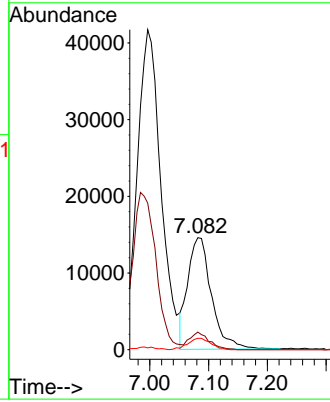
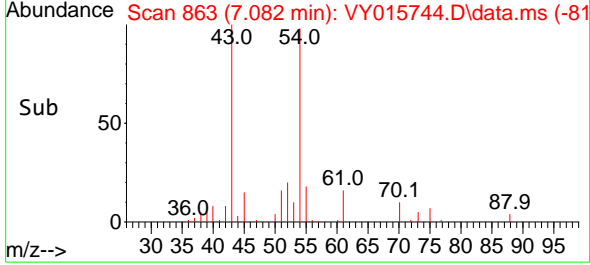
Tgt Ion: 43 Resp: 4073  
 Ion Ratio Lower Upper  
 43 100  
 61 12.9 10.1 15.1  
 70 9.9 7.1 10.7

Manual Integrations

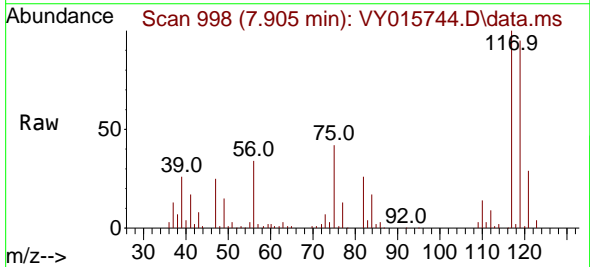
APPROVED

Reviewed By :John Carlone 09/29/2023

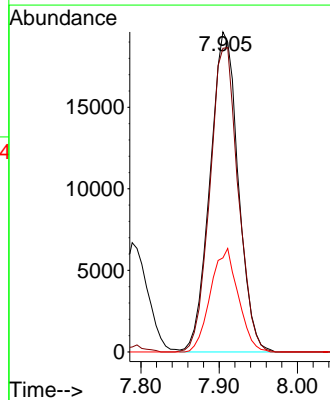
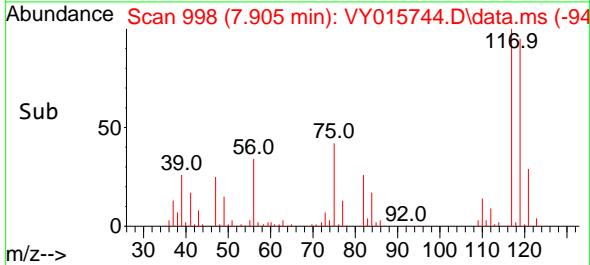
Supervised By :Mahesh Dadoda 09/29/2023

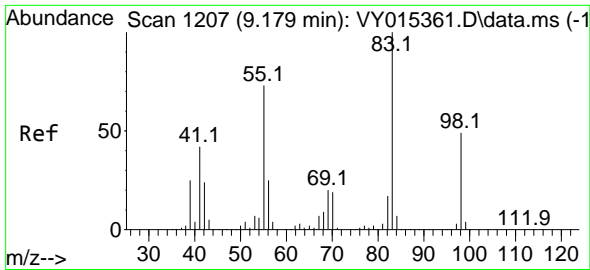


#38  
 Carbon Tetrachloride  
 Concen: 21.107 ug/l  
 RT: 7.905 min Scan# 998  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



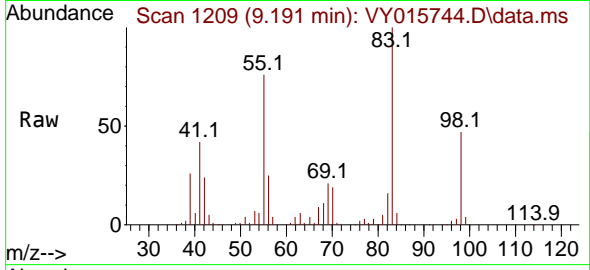
Tgt Ion:117 Resp: 49105  
 Ion Ratio Lower Upper  
 117 100  
 119 94.9 76.4 114.6  
 121 29.4 25.8 38.6





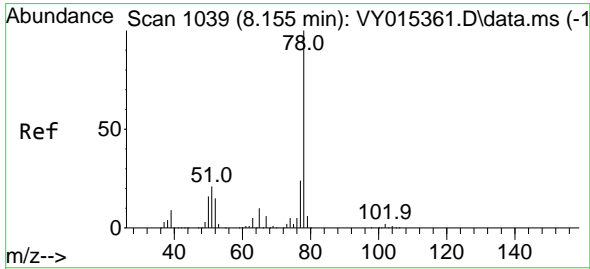
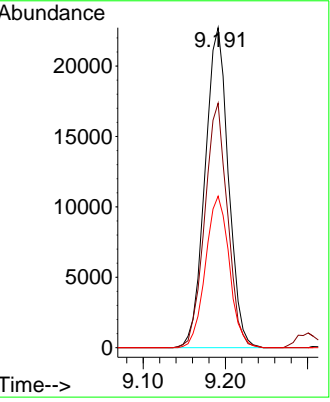
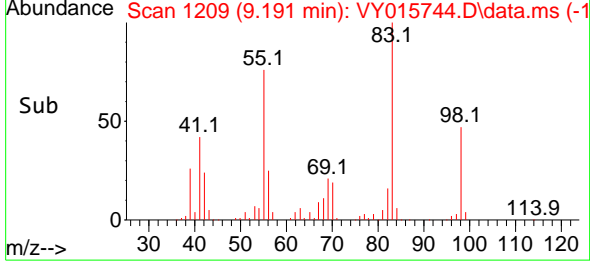
#39  
 Methylcyclohexane  
 Concen: 18.932 ug/l  
 RT: 9.191 min Scan# 1041  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01

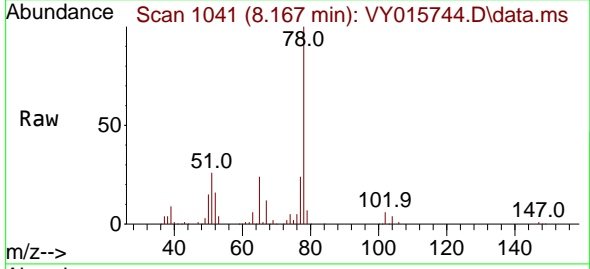


Tgt Ion: 83 Resp: 44879  
 Ion Ratio Lower Upper  
 83 100  
 55 76.4 63.0 94.4  
 98 47.4 37.4 56.2

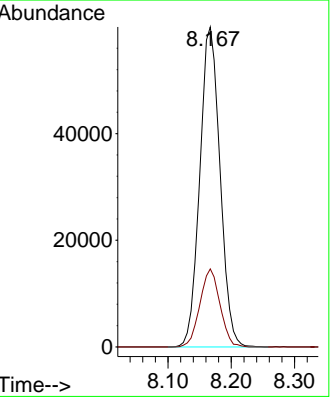
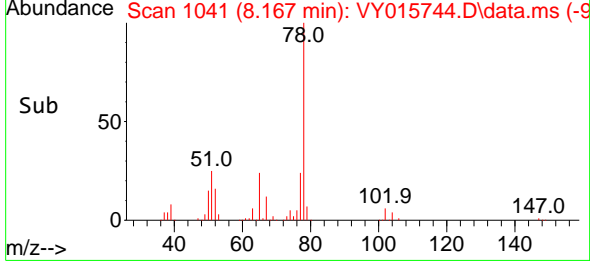
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023



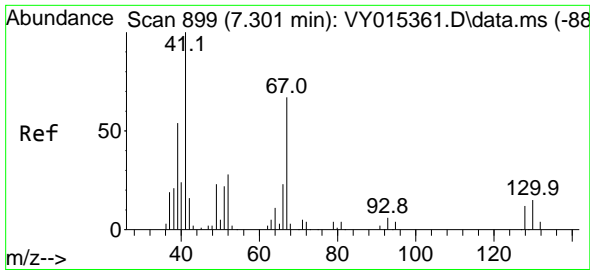
#40  
 Benzene  
 Concen: 20.329 ug/l  
 RT: 8.167 min Scan# 1041  
 Delta R.T. 0.018 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 78 Resp: 132870  
 Ion Ratio Lower Upper  
 78 100  
 77 24.4 19.0 28.6

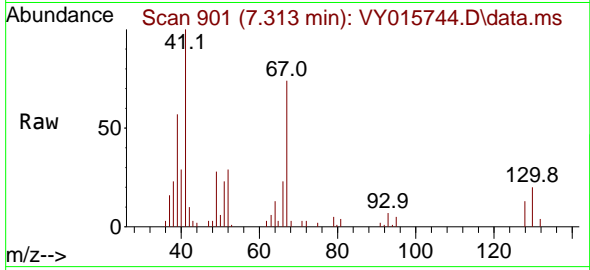






#41  
 Methacrylonitrile  
 Concen: 17.808 ug/l m  
 RT: 7.313 min Scan# 901  
 Delta R.T. 0.000 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01

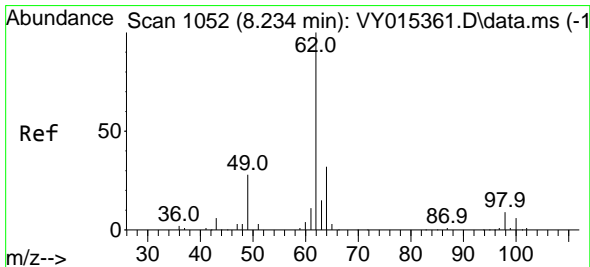
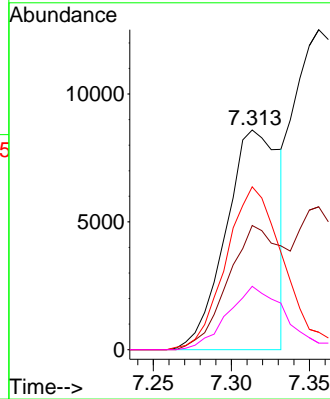
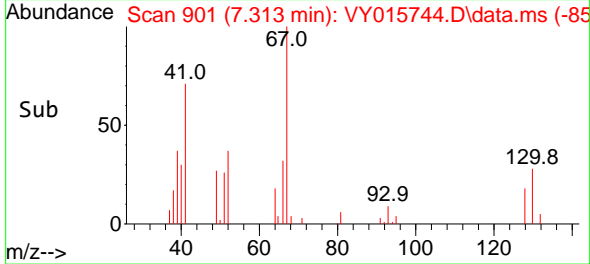


Tgt Ion: 41 Resp: 2049

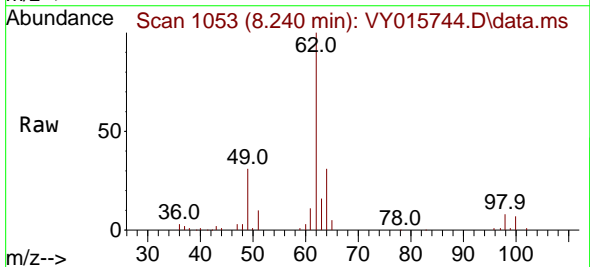
Ion	Ratio	Lower	Upper
41	100		
39	60.3	52.1	78.1
67	81.1	66.2	99.2
52	31.8	29.9	44.9

Manual Integrations  
**APPROVED**

Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

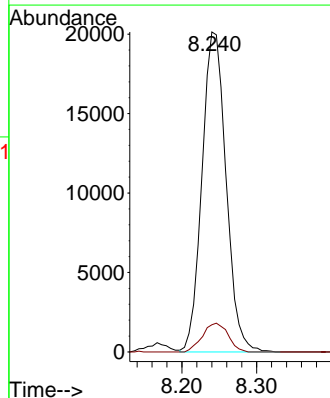
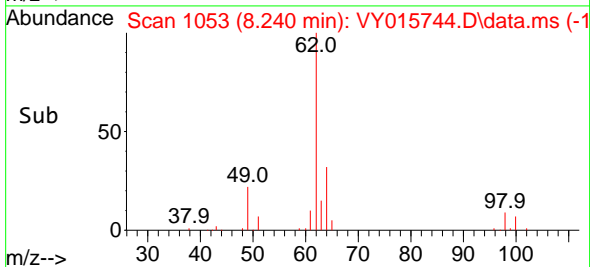


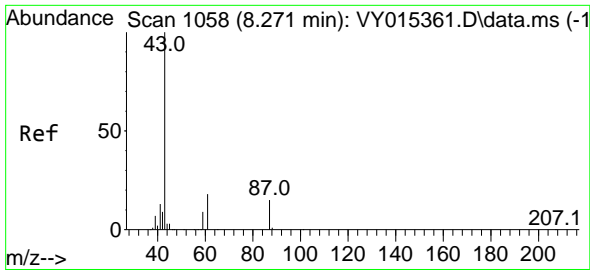
#42  
 1,2-Dichloroethane  
 Concen: 20.148 ug/l  
 RT: 8.240 min Scan# 1053  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 62 Resp: 45101

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8





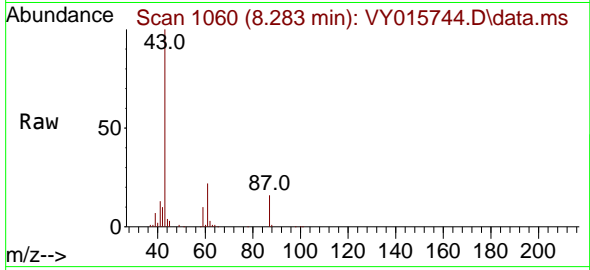
#43  
 Isopropyl Acetate  
 Concen: 19.030 ug/l  
 RT: 8.283 min Scan# 1060  
 Delta R.T. 0.019 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

Client SampleID :

VY0928SBS01



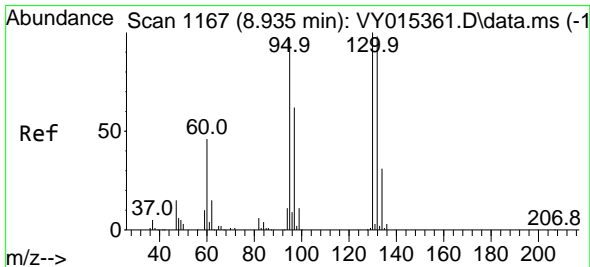
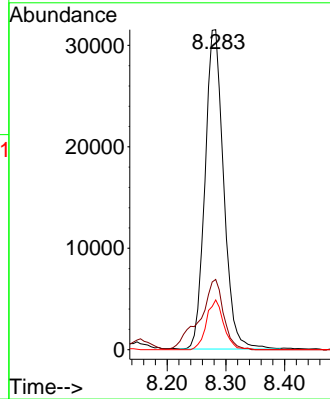
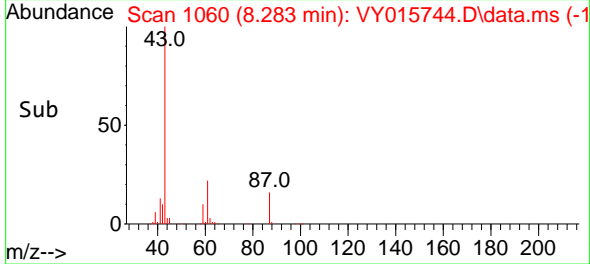
Tgt Ion: 43 Resp: 69494  
 Ion Ratio Lower Upper  
 43 100  
 61 28.0 21.1 31.7  
 87 14.5 9.8 14.8

Manual Integrations

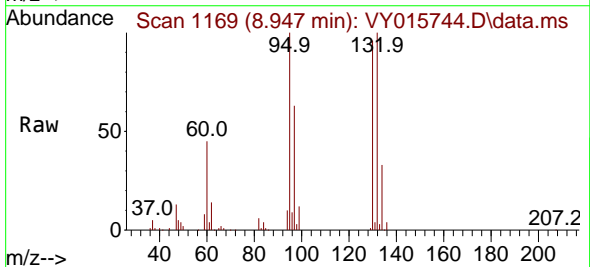
APPROVED

Reviewed By :John Carlone 09/29/2023

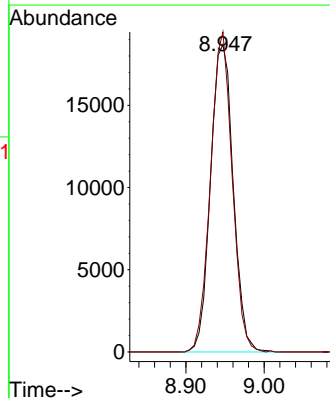
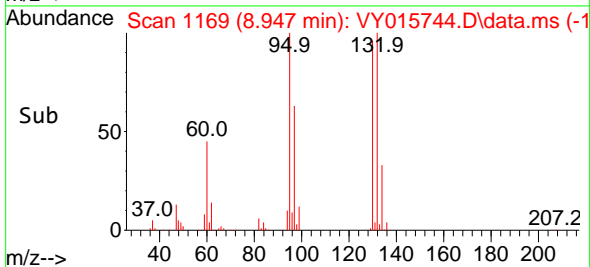
Supervised By :Mahesh Dadoda 09/29/2023

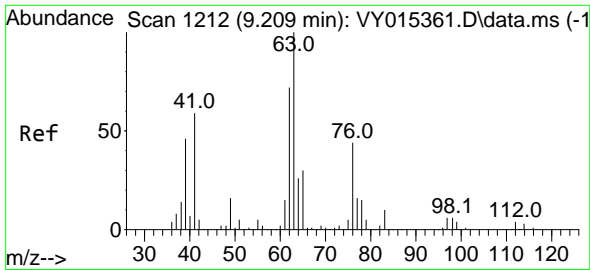


#44  
 Trichloroethene  
 Concen: 20.589 ug/l  
 RT: 8.947 min Scan# 1169  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



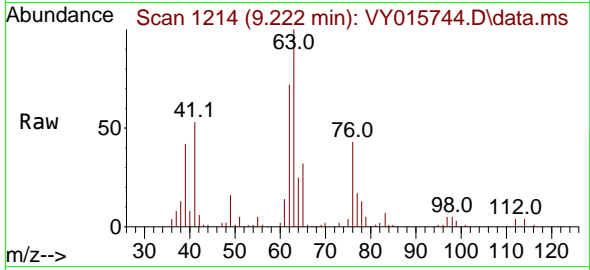
Tgt Ion:130 Resp: 37585  
 Ion Ratio Lower Upper  
 130 100  
 95 104.1 0.0 196.0





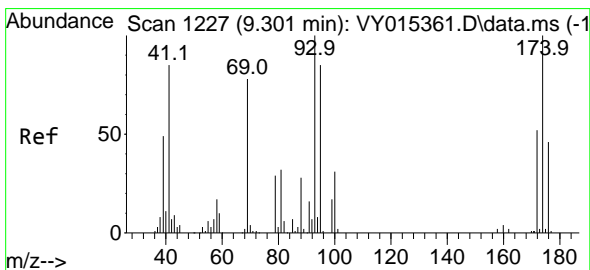
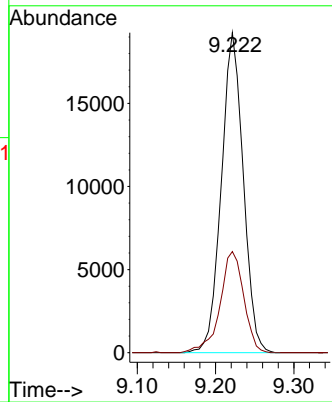
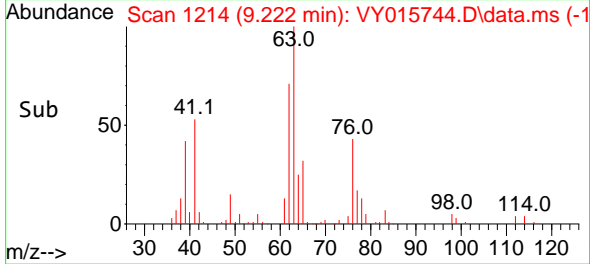
#45  
 1,2-Dichloropropane  
 Concen: 20.549 ug/l  
 RT: 9.222 min Scan# 11  
 Delta R.T. 0.007 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleID : VY0928SBS01

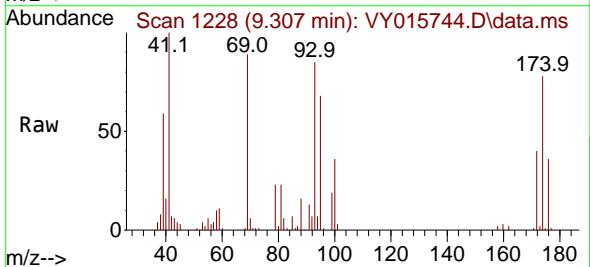


Tgt Ion: 63 Resp: 3745  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 23.8 35.6

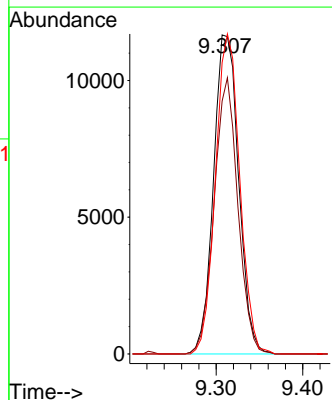
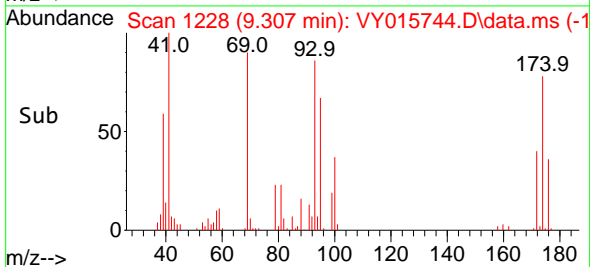
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

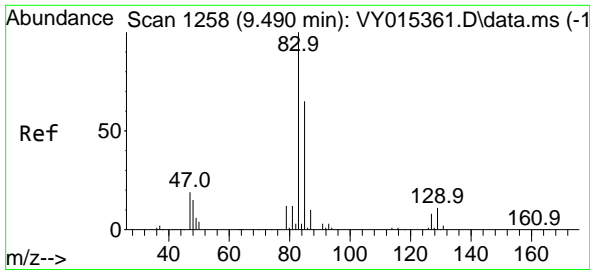


#46  
 Dibromomethane  
 Concen: 20.138 ug/l  
 RT: 9.307 min Scan# 1228  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



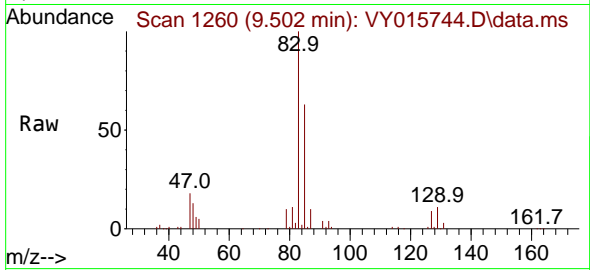
Tgt Ion: 93 Resp: 23480  
 Ion Ratio Lower Upper  
 93 100  
 95 81.8 66.6 100.0  
 174 97.2 84.8 127.2





#47  
 Bromodichloromethane  
 Concen: 21.071 ug/l  
 RT: 9.502 min Scan# 1260  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

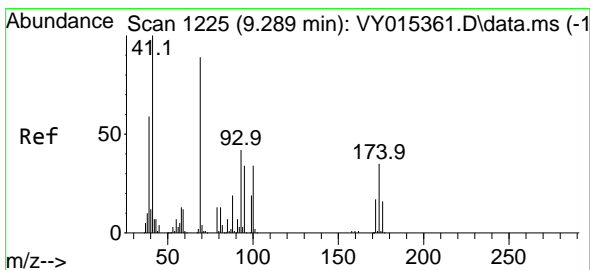
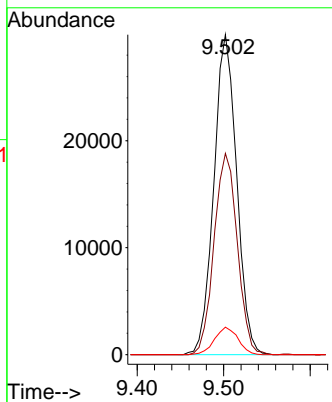
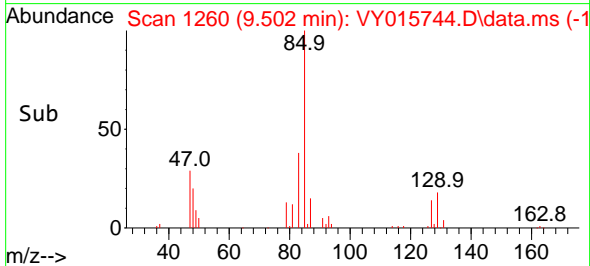
Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01



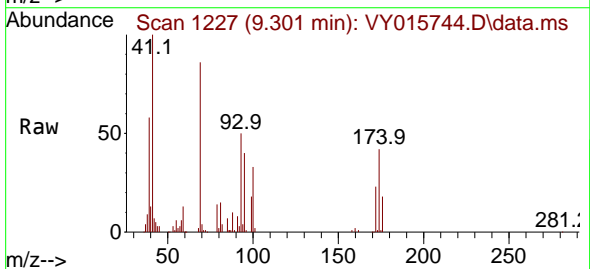
Tgt Ion: 83 Resp: 54760  
 Ion Ratio Lower Upper  
 83 100  
 85 62.9 50.1 75.1  
 127 8.6 7.1 10.7

Manual Integrations  
 APPROVED

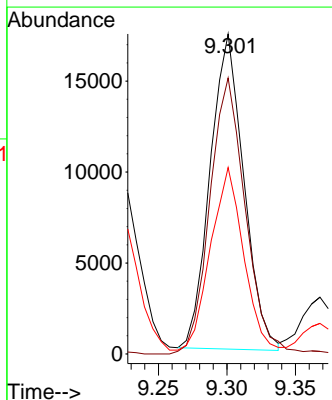
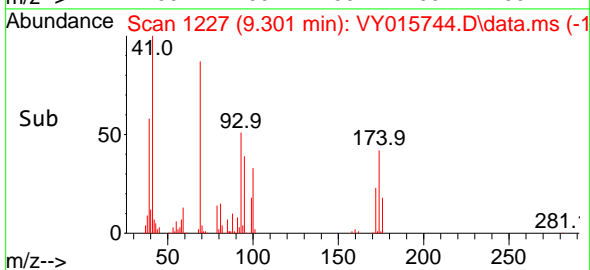
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

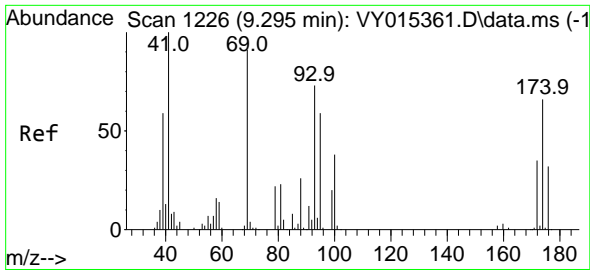


#48  
 Methyl methacrylate  
 Concen: 18.456 ug/l  
 RT: 9.301 min Scan# 1227  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



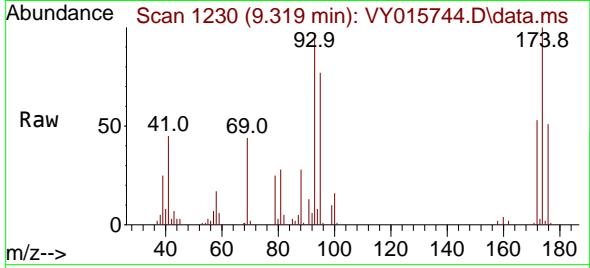
Tgt Ion: 41 Resp: 29583  
 Ion Ratio Lower Upper  
 41 100  
 69 92.9 64.5 96.7  
 39 59.8 50.8 76.2





#49  
 1,4-Dioxane  
 Concen: 388.166 ug/l  
 RT: 9.319 min Scan# 1230  
 Delta R.T. 0.030 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

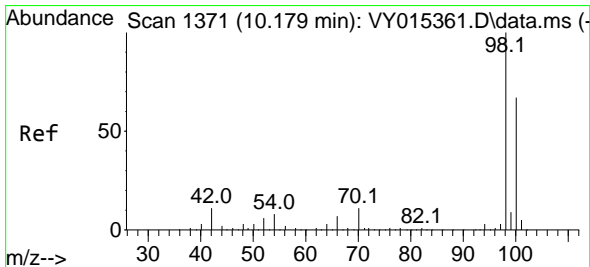
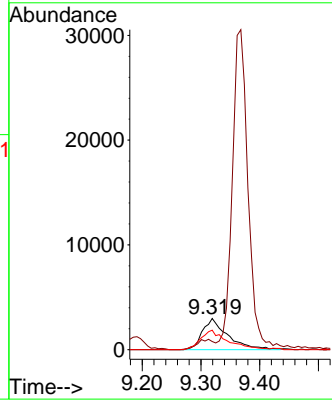
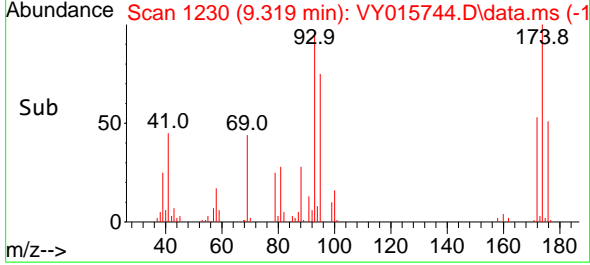
Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01



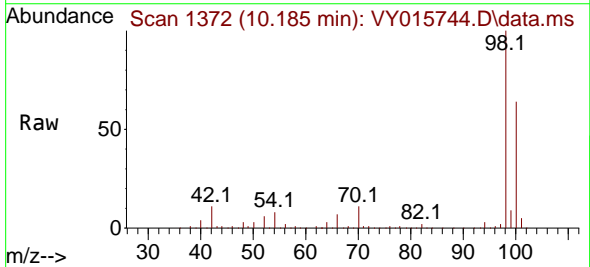
Tgt Ion: 88 Resp: 894  
 Ion Ratio Lower Upper  
 88 100  
 43 22.6 0.0 0.0  
 58 66.5 30.9 46.3

Manual Integrations  
**APPROVED**

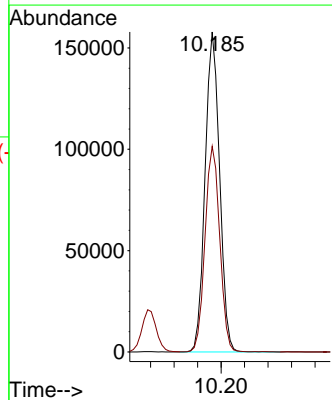
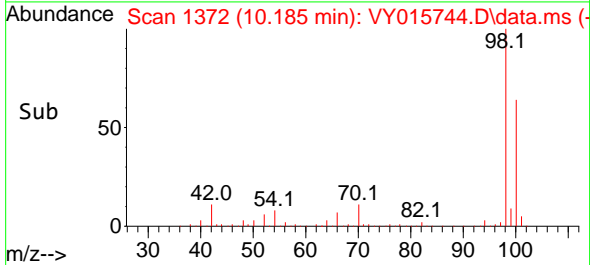
Reviewed By : John Carlone 09/29/2023  
 Supervised By : Mahesh Dadoda 09/29/2023

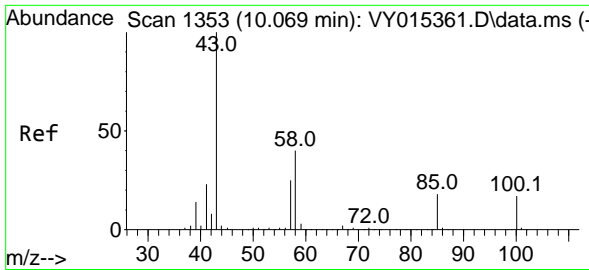


#50  
 Toluene-d8  
 Concen: 55.181 ug/l  
 RT: 10.185 min Scan# 1372  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



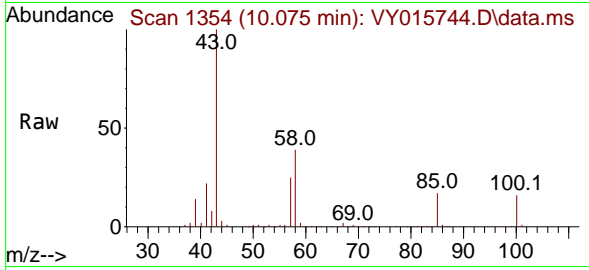
Tgt Ion: 98 Resp: 271212  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 50.1 75.1





#51  
 4-Methyl-2-Pentanone  
 Concen: 95.795 ug/l  
 RT: 10.075 min Scan# 1354  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

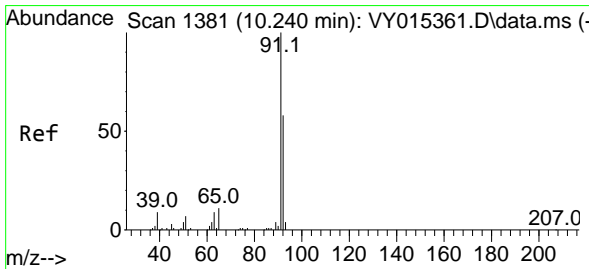
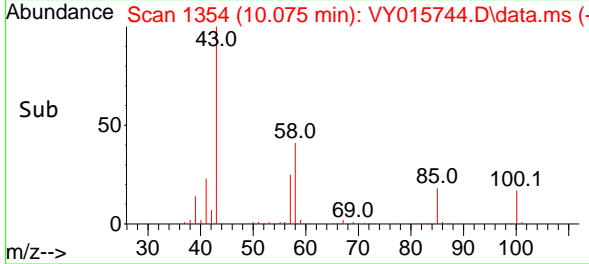
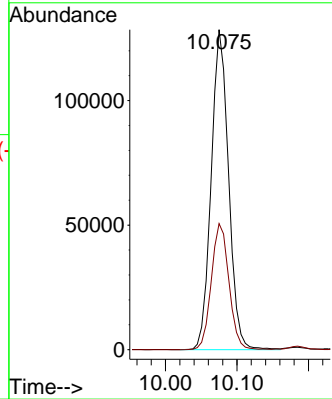
Instrument : MSVOA\_Y  
 Client Sample ID : VY0928SBS01



Tgt Ion: 43 Resp: 216828  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 29.0 43.6

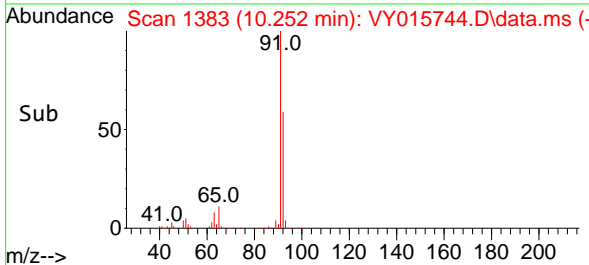
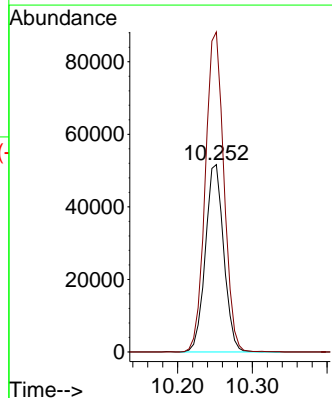
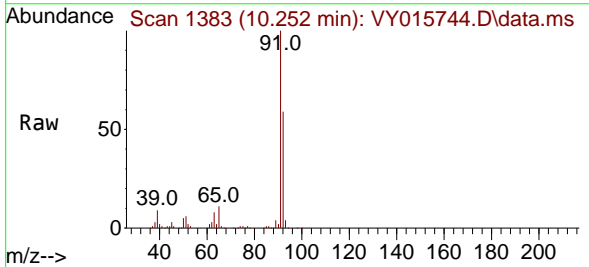
Manual Integrations  
**APPROVED**

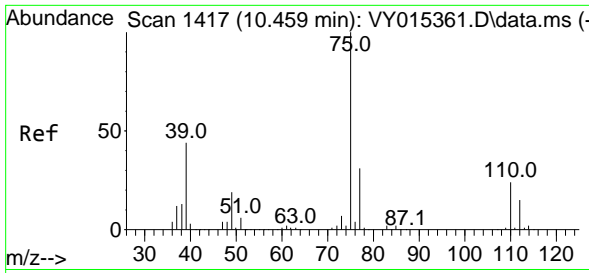
Reviewed By : John Carlone 09/29/2023  
 Supervised By : Mahesh Dadoda 09/29/2023



#52  
 Toluene  
 Concen: 20.893 ug/l  
 RT: 10.252 min Scan# 1383  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Tgt Ion: 92 Resp: 88037  
 Ion Ratio Lower Upper  
 92 100  
 91 172.8 143.8 215.6





#53  
 t-1,3-Dichloropropene  
 Concen: 20.544 ug/l  
 RT: 10.471 min Scan# 1417  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

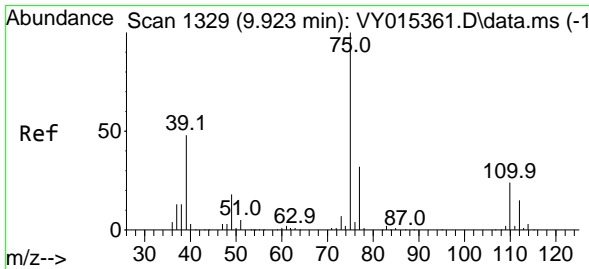
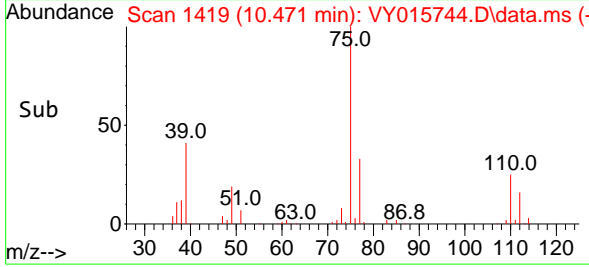
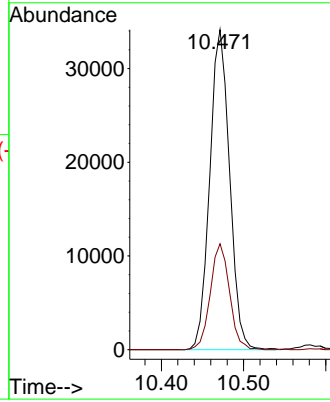
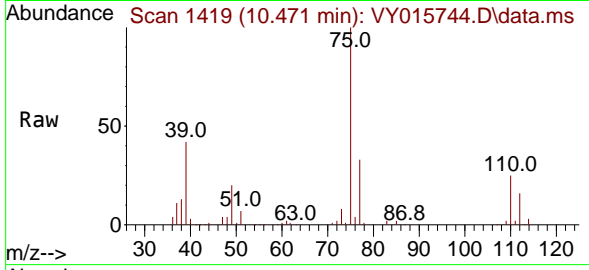
VY0928SBS01

Tgt Ion: 75 Resp: 5725  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 25.0 37.4

Manual Integrations

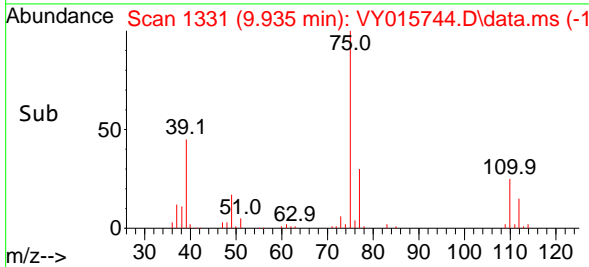
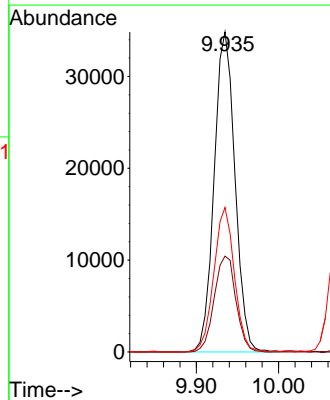
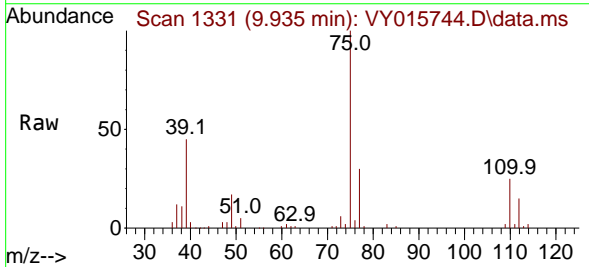
APPROVED

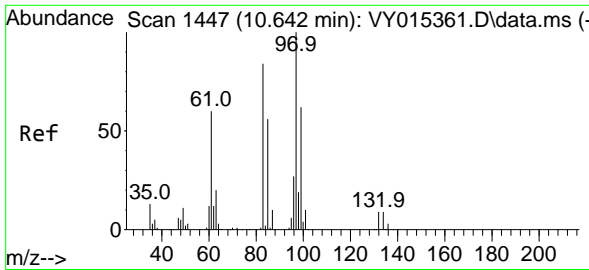
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.408 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Tgt Ion: 75 Resp: 61221  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 24.2 36.4  
 39 45.2 42.2 63.4





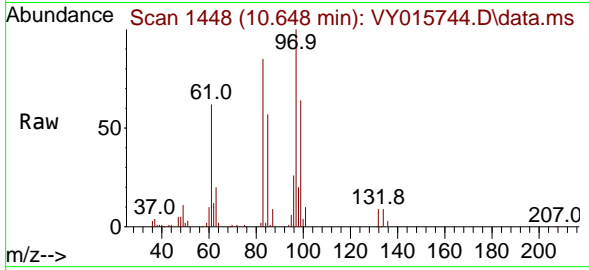
#55  
 1,1,2-Trichloroethane  
 Concen: 20.674 ug/l  
 RT: 10.648 min Scan# 1447  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



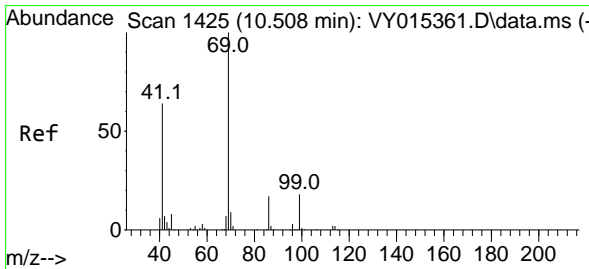
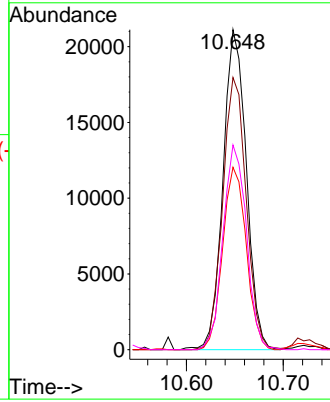
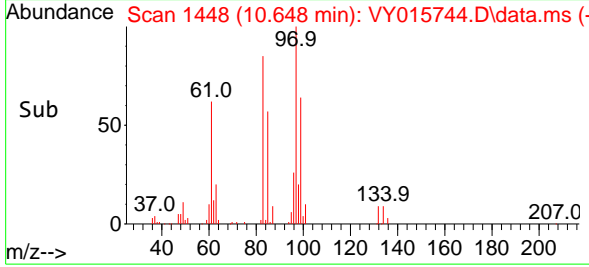
Tgt Ion: 97 Resp: 3532  
 Ion Ratio Lower Upper  
 97 100  
 83 85.0 72.0 108.0  
 85 57.0 45.4 68.0  
 99 64.0 50.3 75.5

Manual Integrations

APPROVED

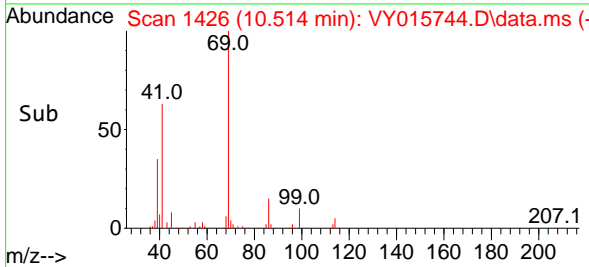
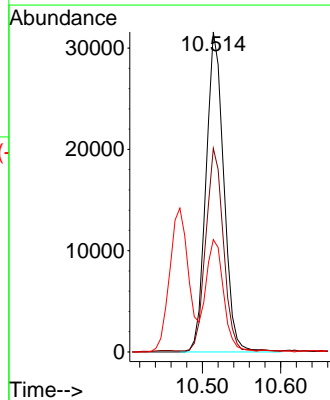
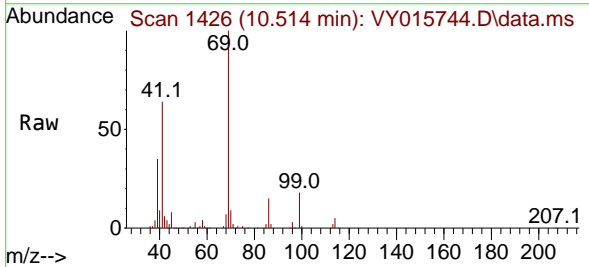
Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023

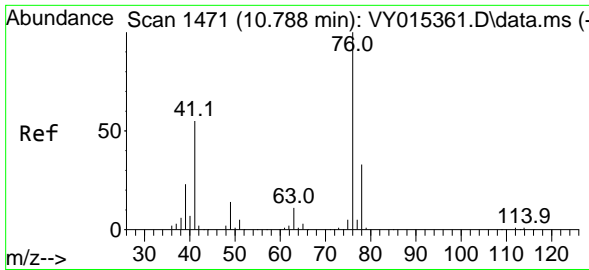


#56  
 Ethyl methacrylate  
 Concen: 19.757 ug/l  
 RT: 10.514 min Scan# 1426  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Tgt Ion: 69 Resp: 49749  
 Ion Ratio Lower Upper  
 69 100  
 41 62.2 57.6 86.4  
 39 33.9 34.1 51.1#







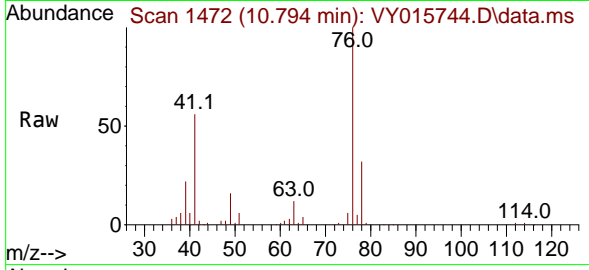
#57  
 1,3-Dichloropropane  
 Concen: 20.945 ug/l  
 RT: 10.794 min Scan# 1471  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



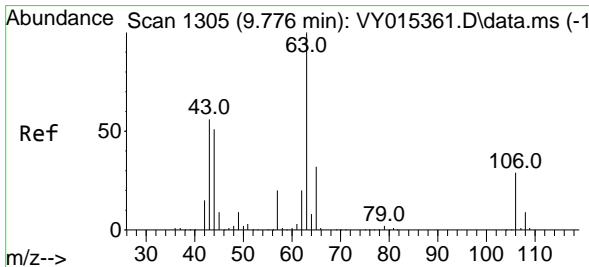
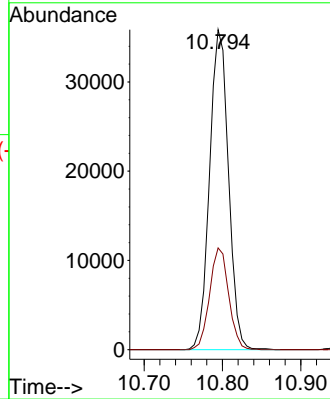
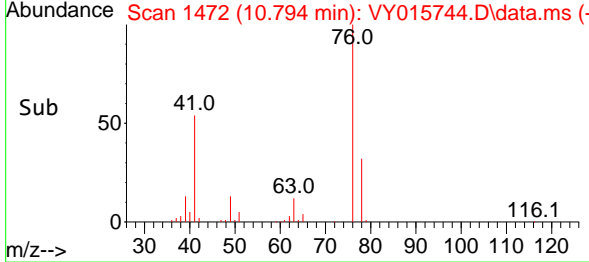
Tgt Ion: 76 Resp: 60010  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.3 37.9

Manual Integrations

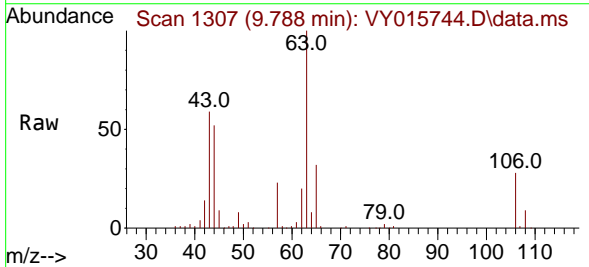
APPROVED

Reviewed By :John Carlone 09/29/2023

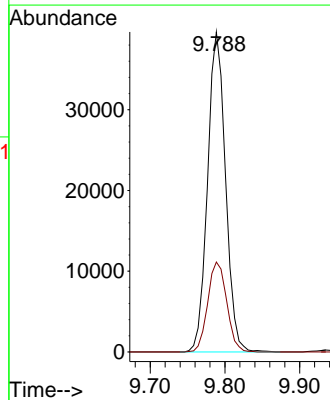
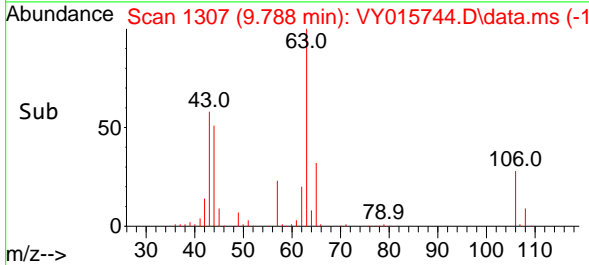
Supervised By :Mahesh Dadoda 09/29/2023

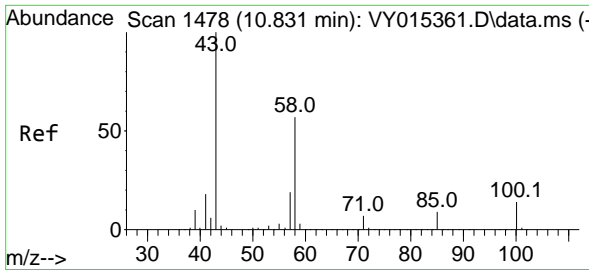


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 82.780 ug/l  
 RT: 9.788 min Scan# 1307  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



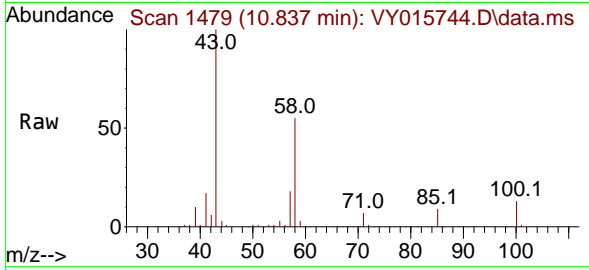
Tgt Ion: 63 Resp: 66210  
 Ion Ratio Lower Upper  
 63 100  
 106 29.7 21.2 31.8





#59  
 2-Hexanone  
 Concen: 100.504 ug/l  
 RT: 10.837 min Scan# 1478  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

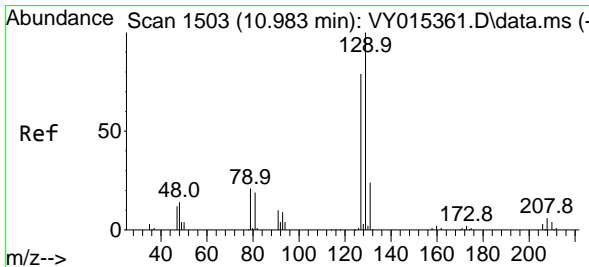
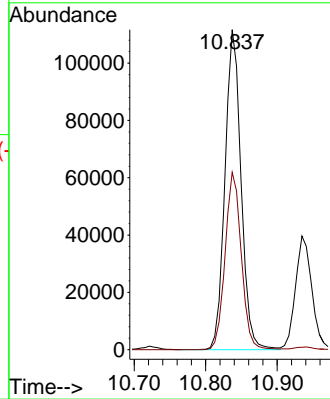
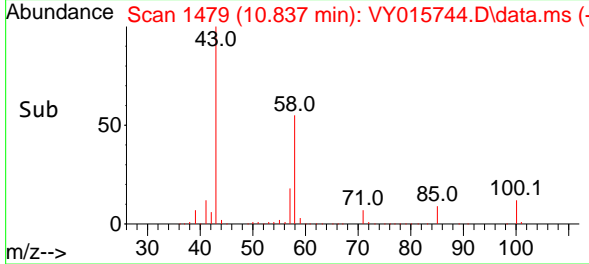
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0928SBS01



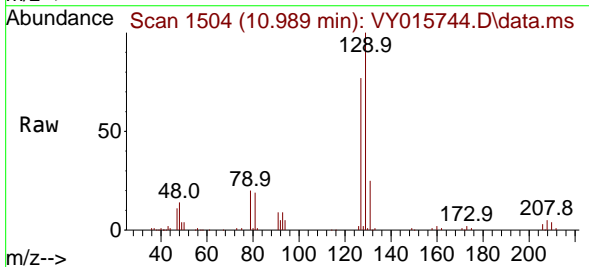
Tgt Ion: 43 Resp: 174530  
 Ion Ratio Lower Upper  
 43 100  
 58 55.8 25.1 75.3

Manual Integrations  
**APPROVED**

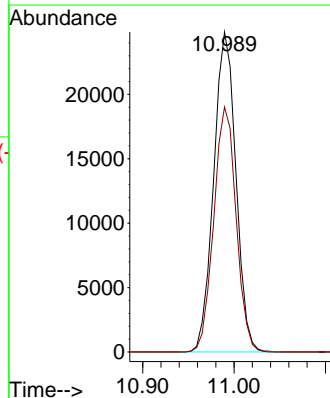
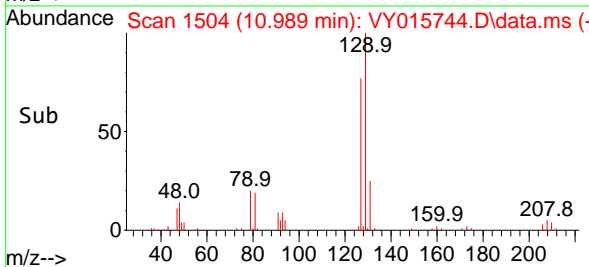
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

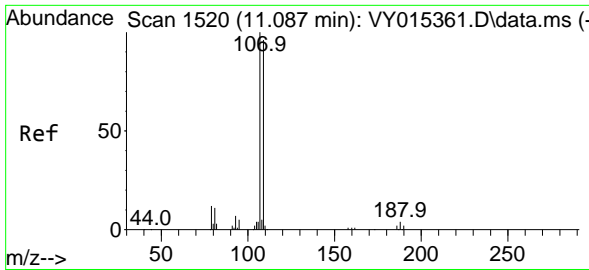


#60  
 Dibromochloromethane  
 Concen: 21.040 ug/l  
 RT: 10.989 min Scan# 1504  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:129 Resp: 41966  
 Ion Ratio Lower Upper  
 129 100  
 127 76.9 38.5 115.5





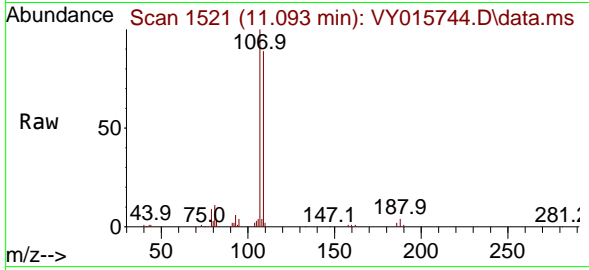
#61  
 1,2-Dibromoethane  
 Concen: 20.413 ug/l  
 RT: 11.093 min Scan# 1520  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



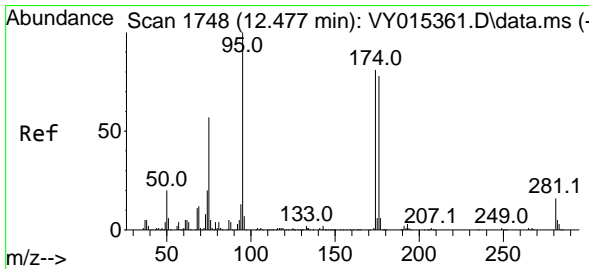
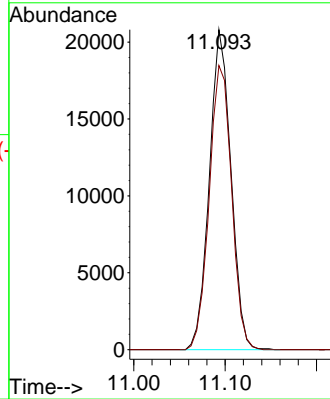
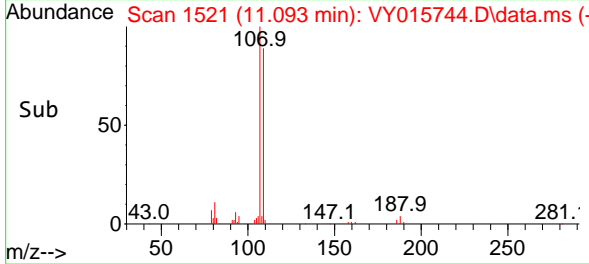
Tgt Ion:107 Resp: 3412  
 Ion Ratio Lower Upper  
 107 100  
 109 91.9 75.6 113.4

Manual Integrations

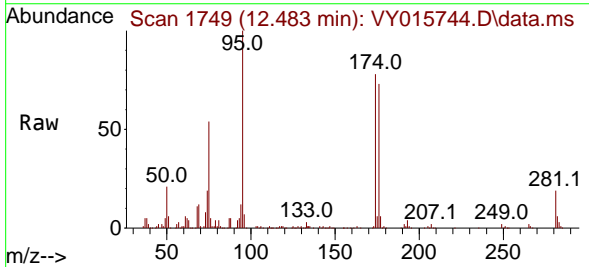
APPROVED

Reviewed By :John Carlone 09/29/2023

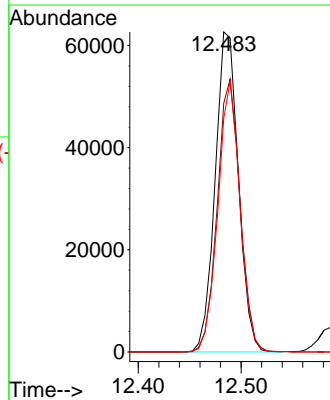
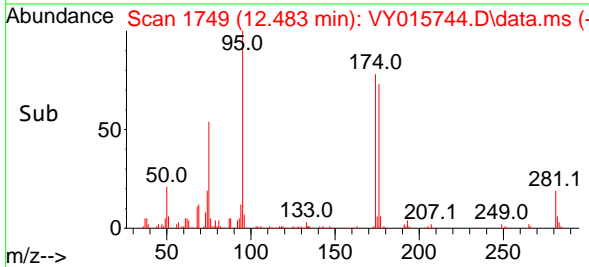
Supervised By :Mahesh Dadoda 09/29/2023

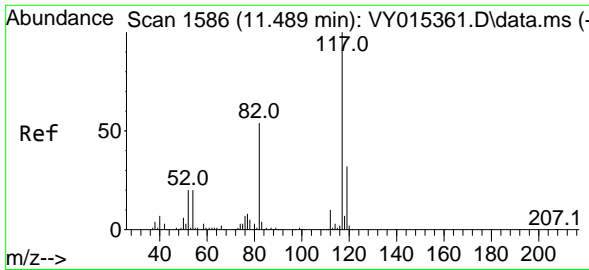


#62  
 4-Bromofluorobenzene  
 Concen: 50.817 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 95 Resp: 98015  
 Ion Ratio Lower Upper  
 95 100  
 174 83.9 0.0 178.2  
 176 80.5 0.0 173.8





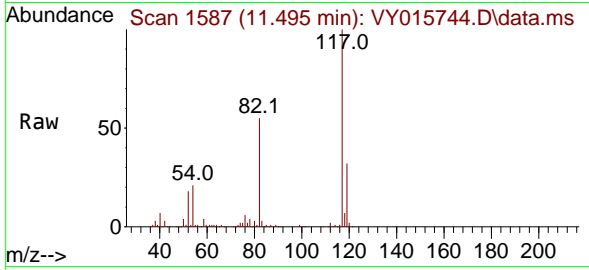
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.495 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



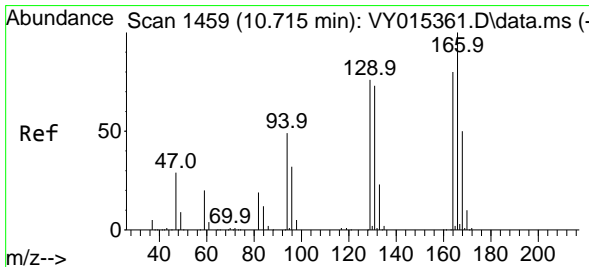
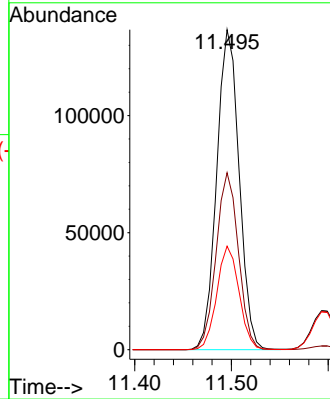
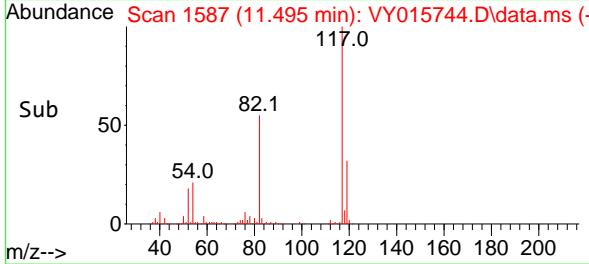
Tgt Ion:117 Resp: 21994  
 Ion Ratio Lower Upper  
 117 100  
 82 55.3 43.4 65.0  
 119 32.4 26.3 39.5

Manual Integrations

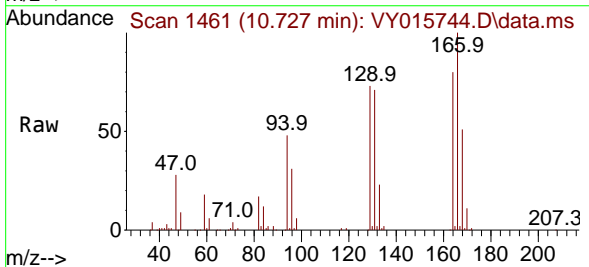
APPROVED

Reviewed By :John Carlone 09/29/2023

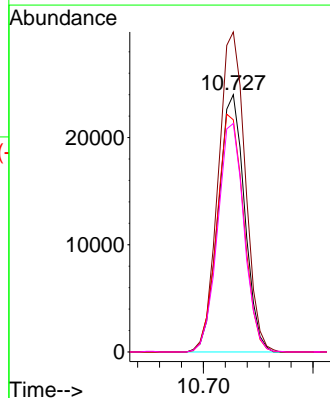
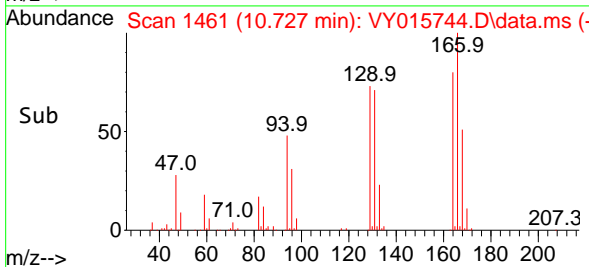
Supervised By :Mahesh Dadoda 09/29/2023

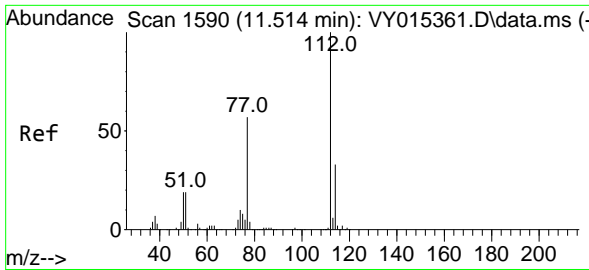


#64  
 Tetrachloroethene  
 Concen: 21.291 ug/l  
 RT: 10.727 min Scan# 1461  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:164 Resp: 40186  
 Ion Ratio Lower Upper  
 164 100  
 166 124.4 103.0 154.6  
 129 90.3 77.2 115.8  
 131 88.8 69.6 104.4





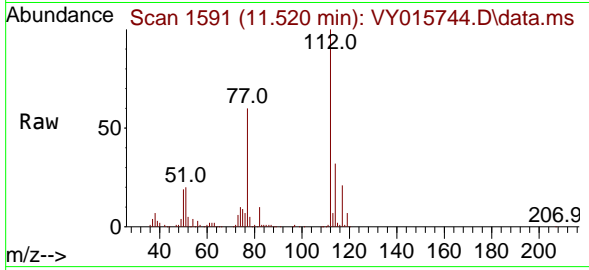
#65  
 Chlorobenzene  
 Concen: 21.417 ug/l  
 RT: 11.520 min Scan# 1151  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



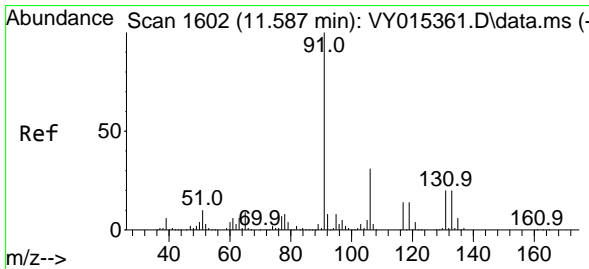
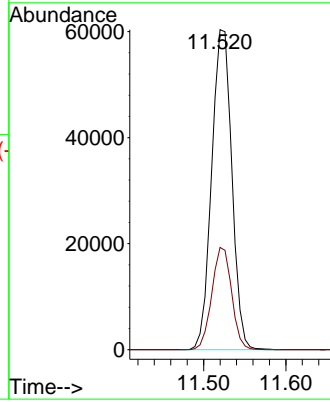
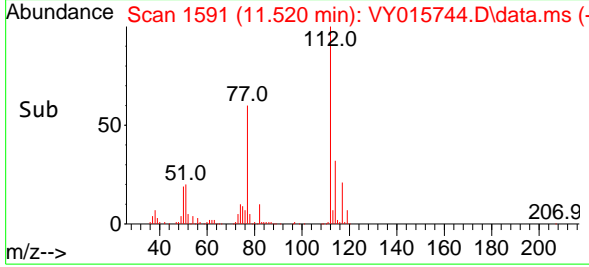
Tgt Ion:112 Resp: 102840  
 Ion Ratio Lower Upper  
 112 100  
 114 32.0 25.5 38.3

Manual Integrations

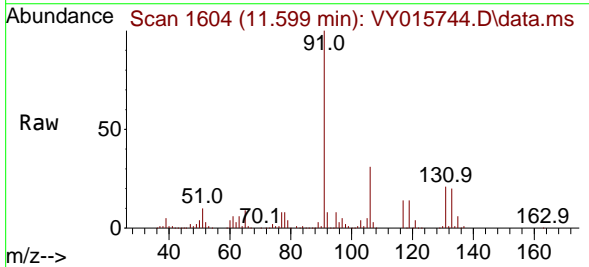
APPROVED

Reviewed By :John Carlone 09/29/2023

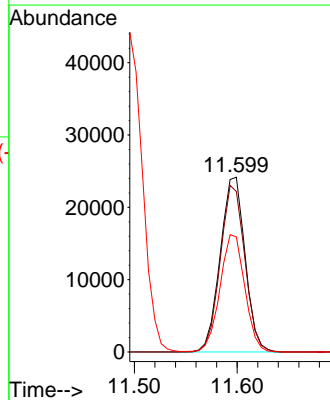
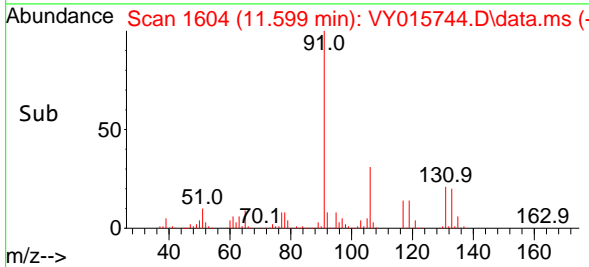
Supervised By :Mahesh Dadoda 09/29/2023

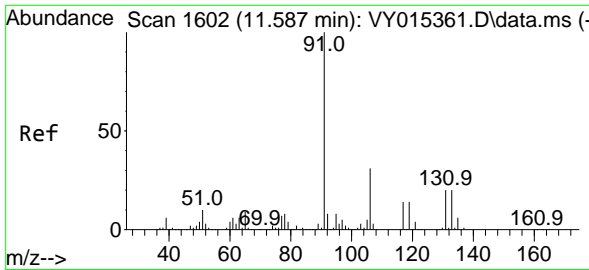


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 21.759 ug/l  
 RT: 11.599 min Scan# 1604  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:131 Resp: 40588  
 Ion Ratio Lower Upper  
 131 100  
 133 94.4 47.5 142.6  
 119 67.1 31.6 94.7





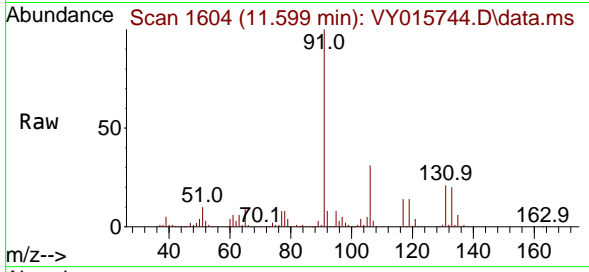
#67  
 Ethyl Benzene  
 Concen: 21.032 ug/l  
 RT: 11.599 min Scan# 1604  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



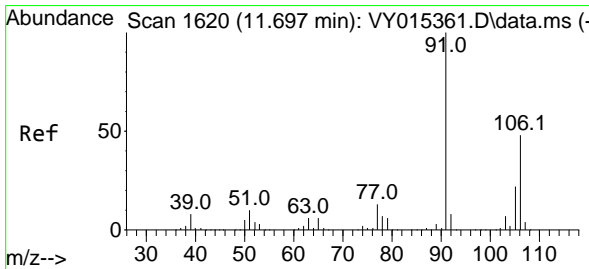
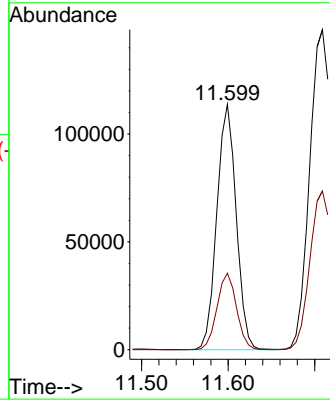
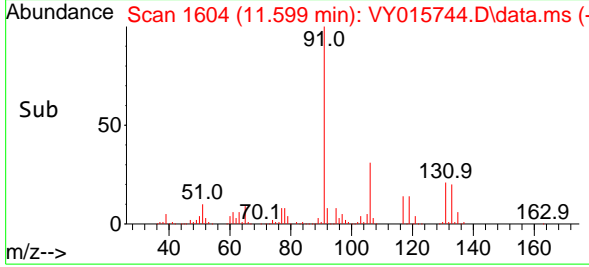
Tgt Ion: 91 Resp: 176530  
 Ion Ratio Lower Upper  
 91 100  
 106 31.2 24.6 36.8

Manual Integrations

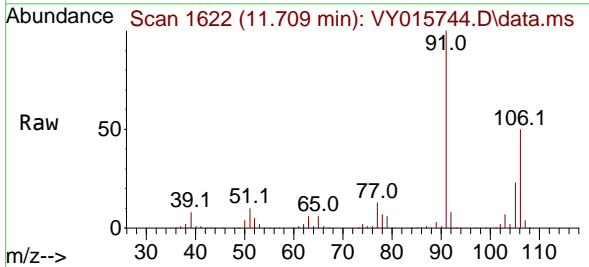
APPROVED

Reviewed By :John Carlone 09/29/2023

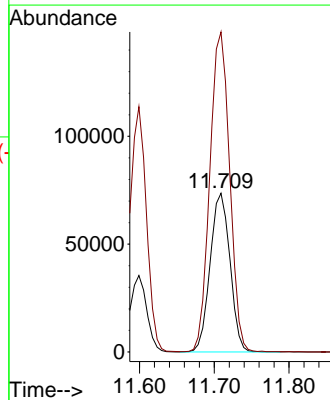
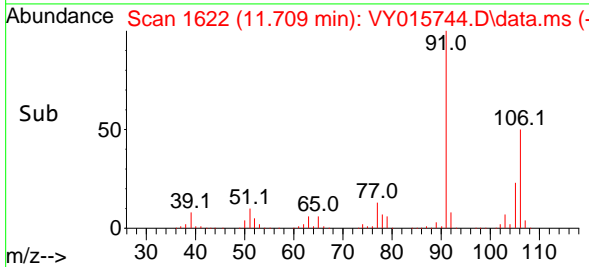
Supervised By :Mahesh Dadoda 09/29/2023

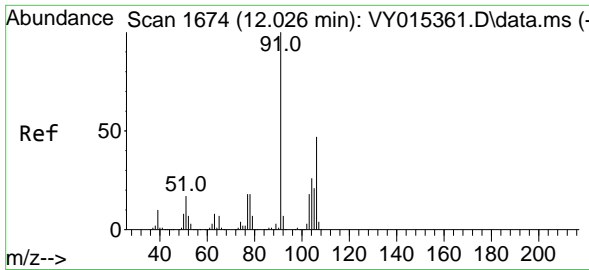


#68  
 m/p-Xylenes  
 Concen: 42.590 ug/l  
 RT: 11.709 min Scan# 1622  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



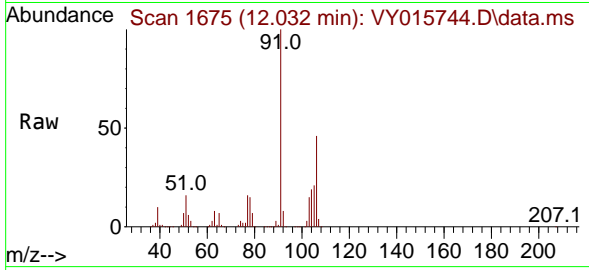
Tgt Ion:106 Resp: 135870  
 Ion Ratio Lower Upper  
 106 100  
 91 201.4 166.1 249.1





#69  
 o-Xylene  
 Concen: 21.180 ug/l  
 RT: 12.032 min Scan# 1675  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

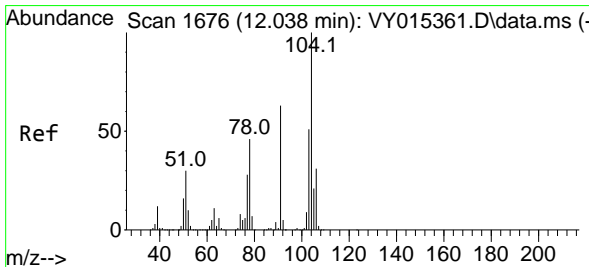
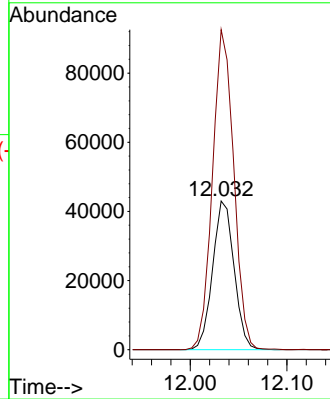
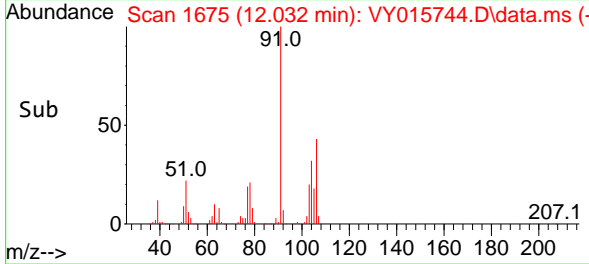
Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01



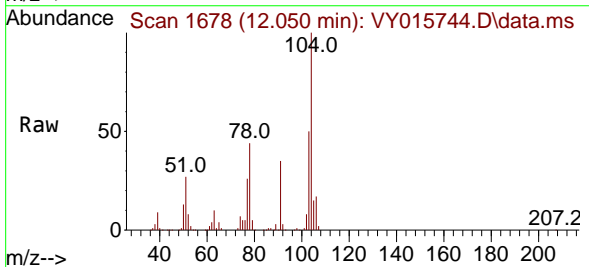
Tgt Ion:106 Resp: 6625  
 Ion Ratio Lower Upper  
 106 100  
 91 213.4 108.1 324.3

Manual Integrations  
 APPROVED

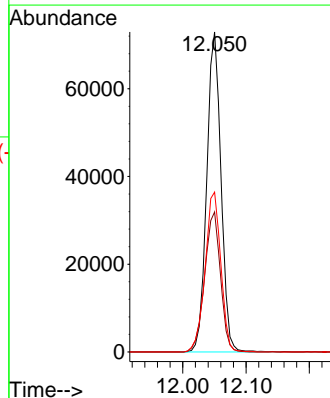
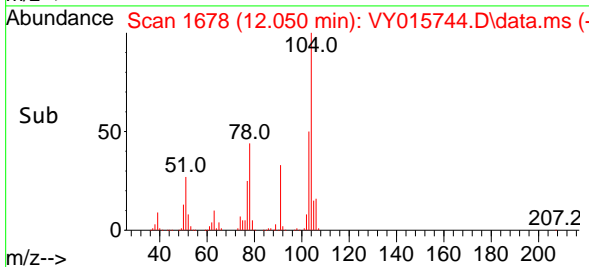
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

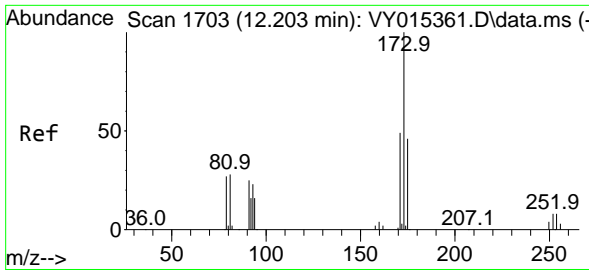


#70  
 Styrene  
 Concen: 21.399 ug/l  
 RT: 12.050 min Scan# 1678  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:104 Resp: 114584  
 Ion Ratio Lower Upper  
 104 100  
 78 48.5 41.5 62.3  
 103 55.0 44.6 67.0





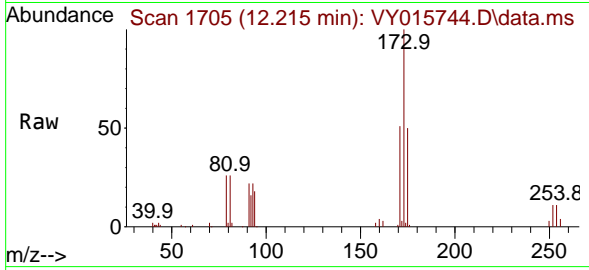
#71  
 Bromoform  
 Concen: 20.871 ug/l  
 RT: 12.215 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



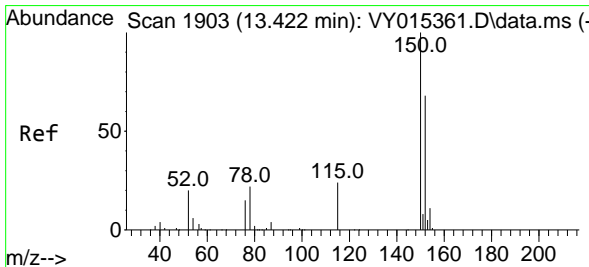
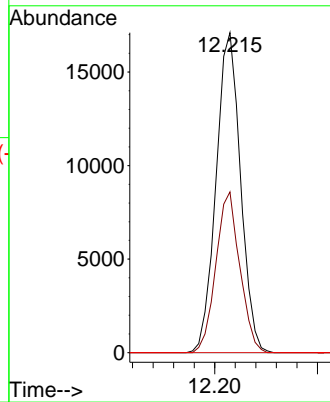
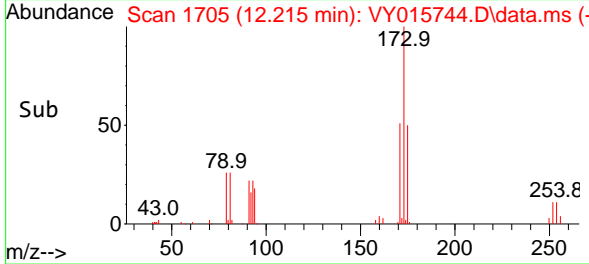
Tgt Ion:173 Resp: 2821  
 Ion Ratio Lower Upper  
 173 100  
 175 49.1 24.6 73.8  
 254 0.0 0.2 0.2

Manual Integrations

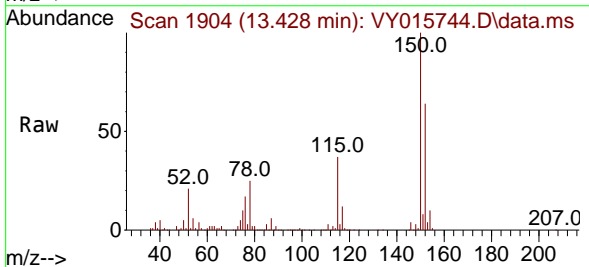
APPROVED

Reviewed By :John Carlone 09/29/2023

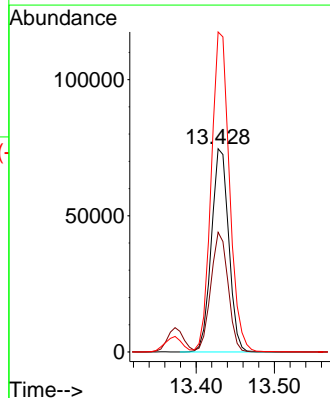
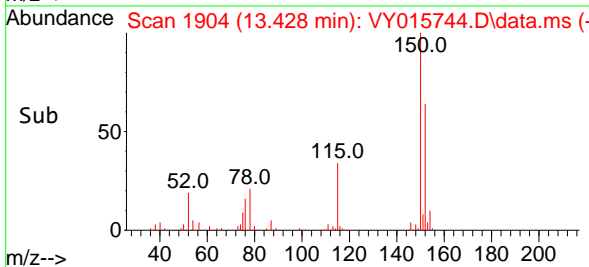
Supervised By :Mahesh Dadoda 09/29/2023



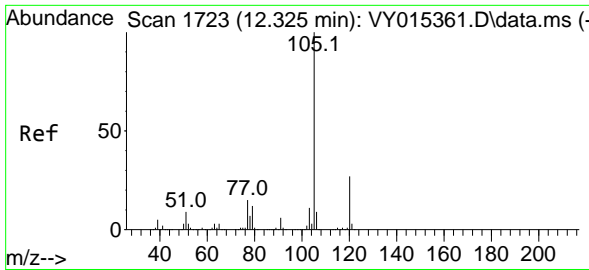
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:152 Resp: 114545  
 Ion Ratio Lower Upper  
 152 100  
 115 58.5 28.8 86.5  
 150 165.5 0.0 348.8







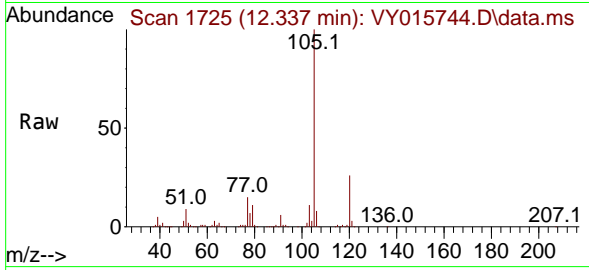
#73  
 Isopropylbenzene  
 Concen: 20.952 ug/l  
 RT: 12.337 min Scan# 1725  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

Client Sample Id :

VY0928SBS01



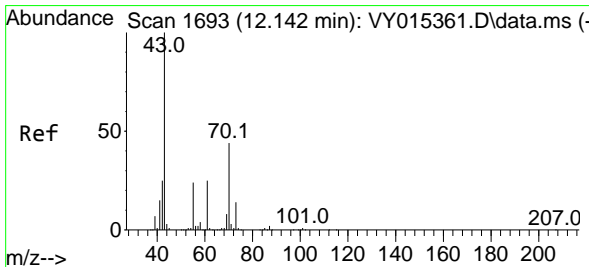
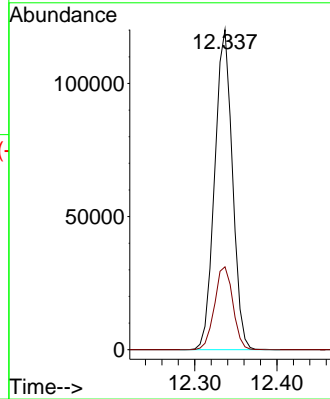
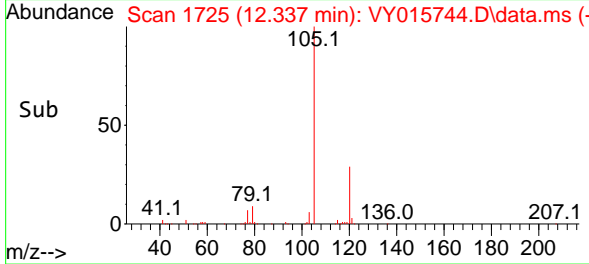
Tgt Ion: 105 Resp: 180038  
 Ion Ratio Lower Upper  
 105 100  
 120 26.8 13.3 39.9

Manual Integrations

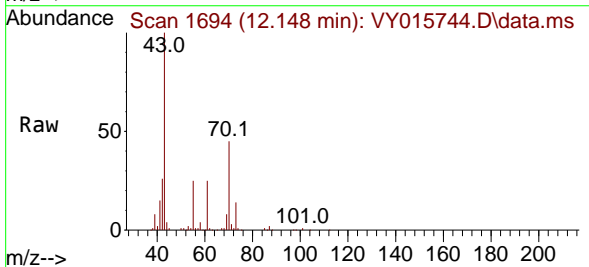
APPROVED

Reviewed By :John Carlone 09/29/2023

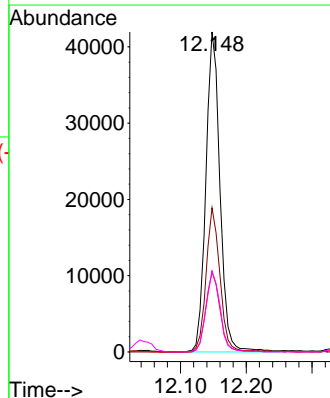
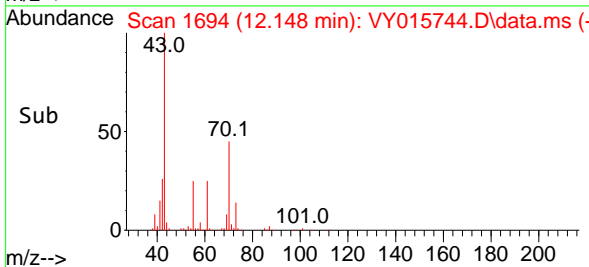
Supervised By :Mahesh Dadoda 09/29/2023

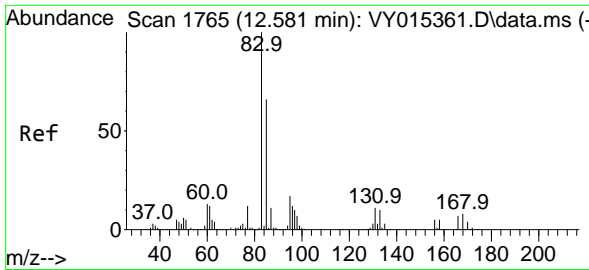


#74  
 N-amy1 acetate  
 Concen: 19.464 ug/l  
 RT: 12.148 min Scan# 1694  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



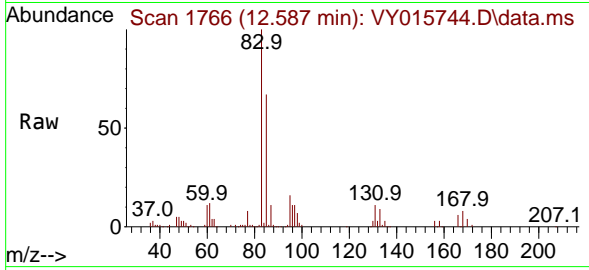
Tgt Ion: 43 Resp: 62862  
 Ion Ratio Lower Upper  
 43 100  
 70 43.8 29.7 44.5  
 55 25.2 18.3 27.5  
 61 25.3 17.5 26.3





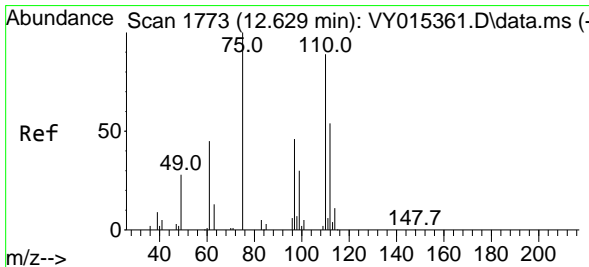
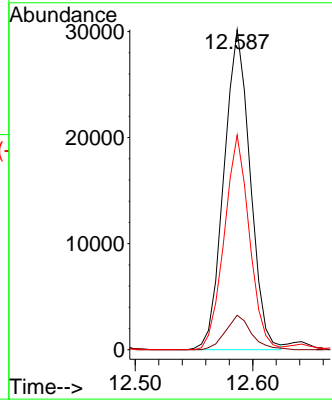
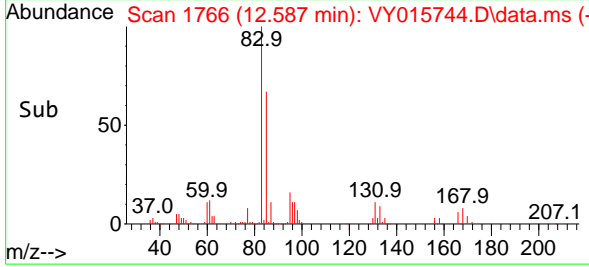
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.585 ug/l  
 RT: 12.587 min Scan# 1766  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01

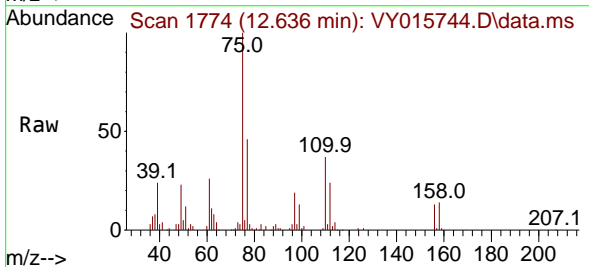


Tgt Ion: 83 Resp: 4683  
 Ion Ratio Lower Upper  
 83 100  
 131 10.6 5.4 16.2  
 85 64.3 31.8 95.4

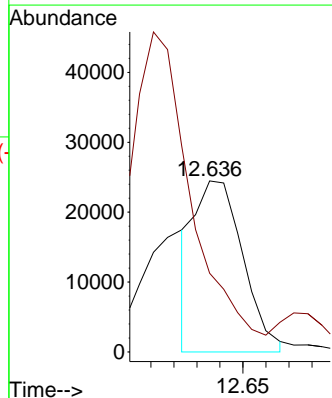
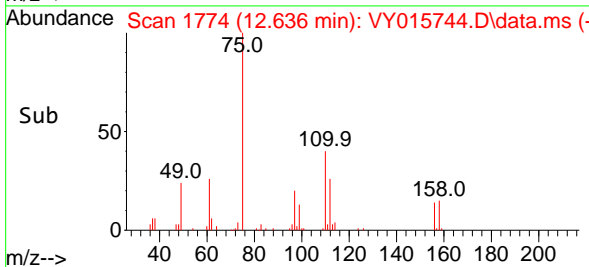
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

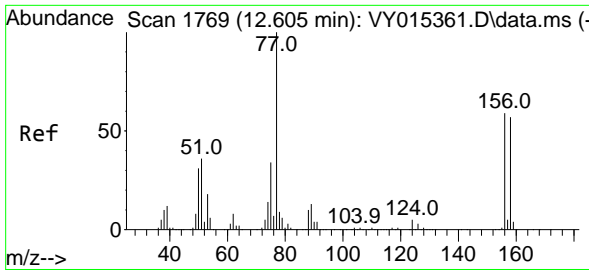


#76  
 1,2,3-Trichloropropane  
 Concen: 19.715 ug/l m  
 RT: 12.636 min Scan# 1774  
 Delta R.T. 0.007 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



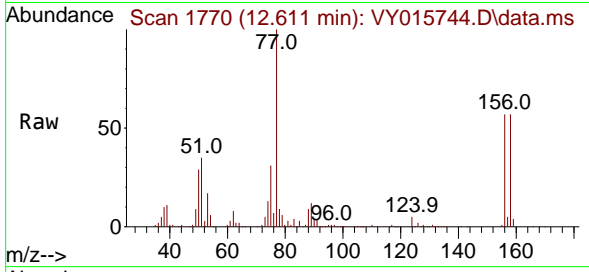
Tgt Ion: 75 Resp: 36027  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





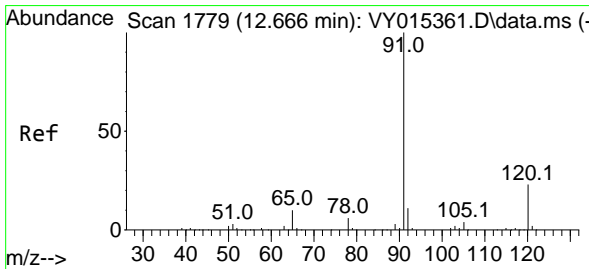
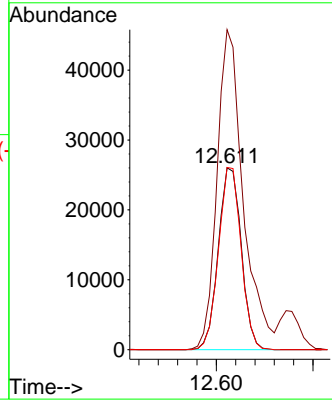
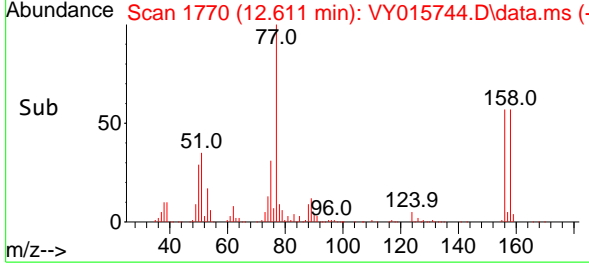
#77  
 Bromobenzene  
 Concen: 20.344 ug/l  
 RT: 12.611 min Scan# 1770  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01

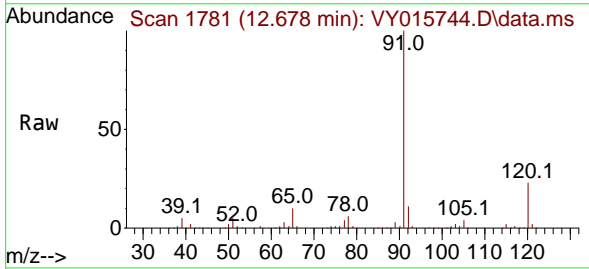


Tgt Ion:156 Resp: 4291  
 Ion Ratio Lower Upper  
 156 100  
 77 200.3 92.8 278.6  
 158 98.5 48.4 145.3

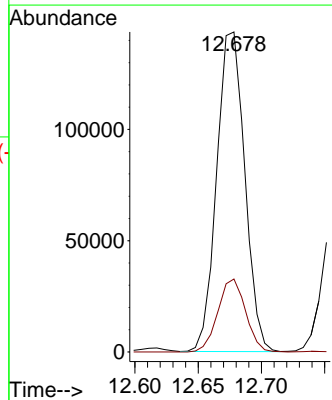
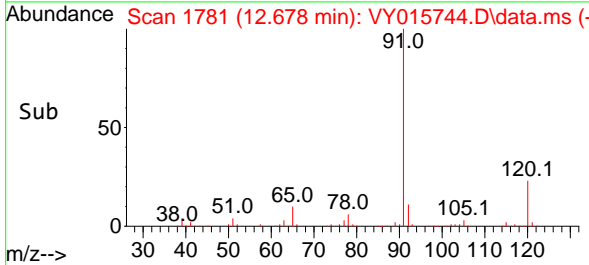
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

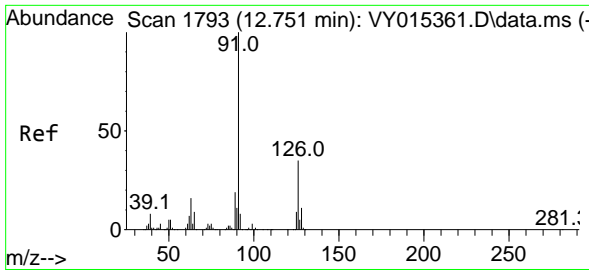


#78  
 n-propylbenzene  
 Concen: 21.217 ug/l  
 RT: 12.678 min Scan# 1781  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



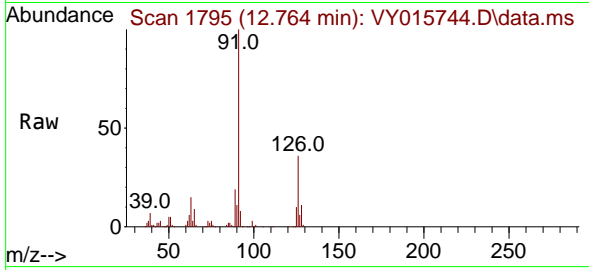
Tgt Ion: 91 Resp: 221484  
 Ion Ratio Lower Upper  
 91 100  
 120 22.5 11.5 34.4





#79  
 2-Chlorotoluene  
 Concen: 20.851 ug/l  
 RT: 12.764 min Scan# 1795  
 Delta R.T. 0.013 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

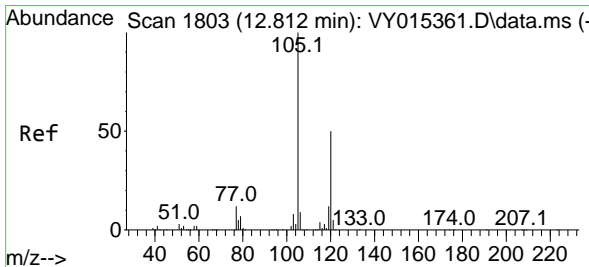
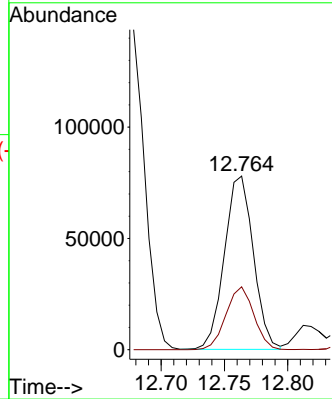
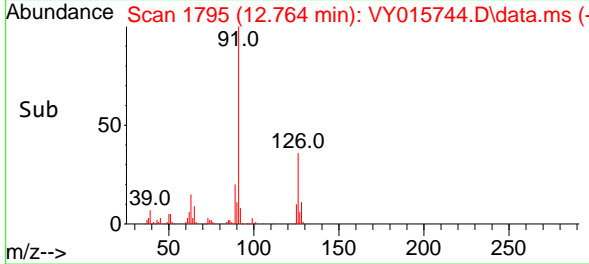
Instrument : MSVOA\_Y  
 Client Sample Id : VY0928SBS01



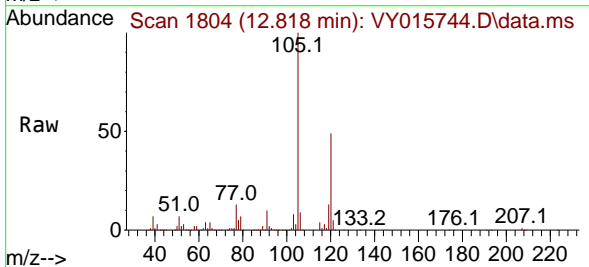
Tgt Ion: 91 Resp: 12407  
 Ion Ratio Lower Upper  
 91 100  
 126 34.9 17.3 51.7

Manual Integrations  
**APPROVED**

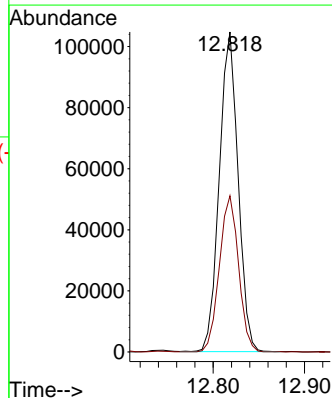
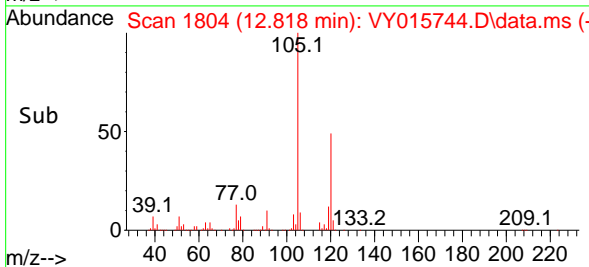
Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

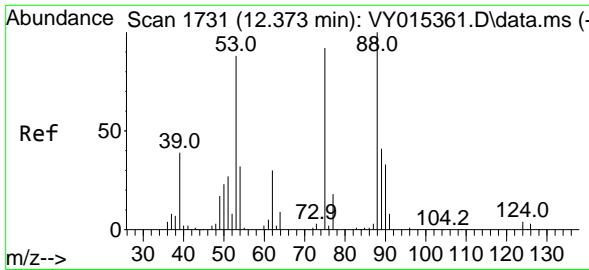


#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.794 ug/l  
 RT: 12.818 min Scan# 1804  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



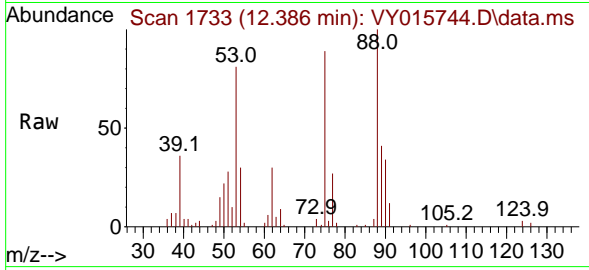
Tgt Ion:105 Resp: 149584  
 Ion Ratio Lower Upper  
 105 100  
 120 50.0 23.9 71.7





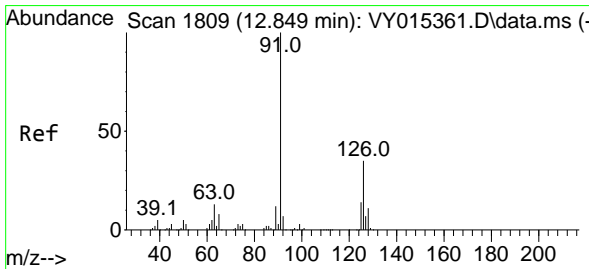
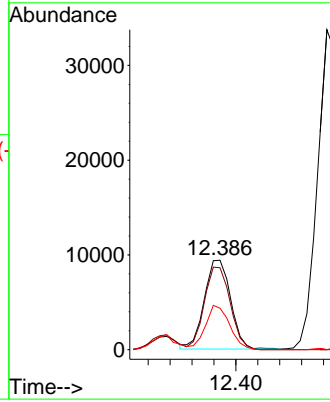
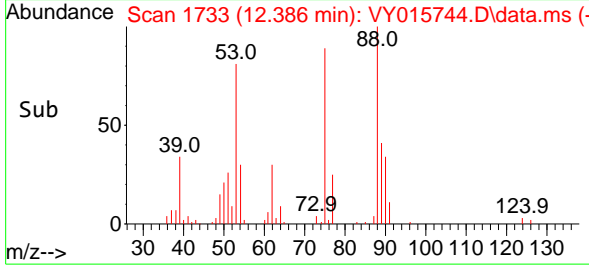
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.286 ug/l  
 RT: 12.386 min Scan# 1111  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01

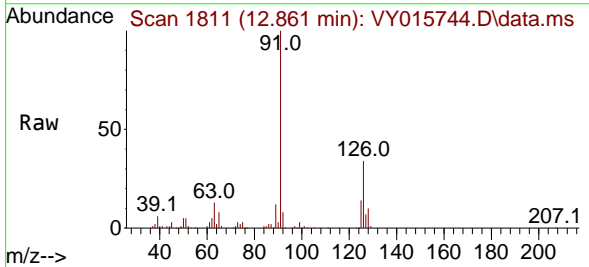


Tgt Ion: 75 Resp: 15650  
 Ion Ratio Lower Upper  
 75 100  
 53 91.4 77.8 116.8  
 89 45.8 37.4 56.0

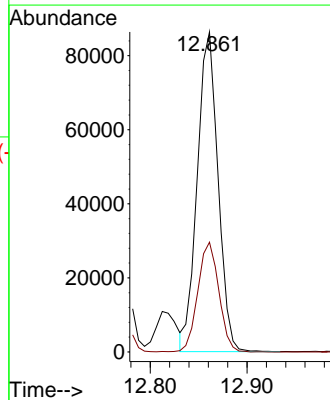
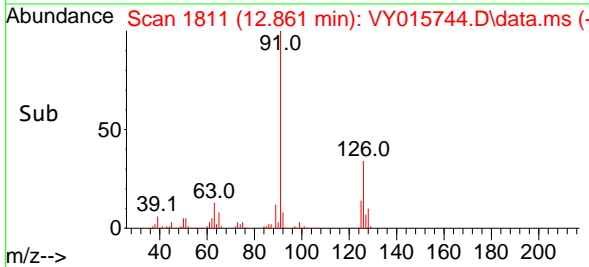
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

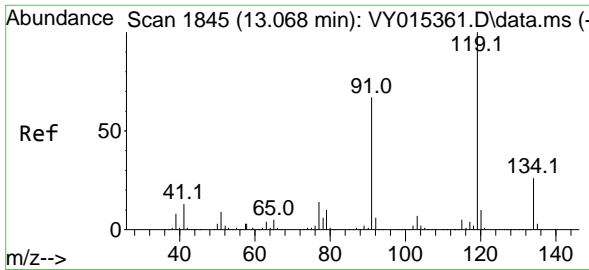


#82  
 4-Chlorotoluene  
 Concen: 20.737 ug/l  
 RT: 12.861 min Scan# 1811  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 91 Resp: 128818  
 Ion Ratio Lower Upper  
 91 100  
 126 34.9 17.2 51.6





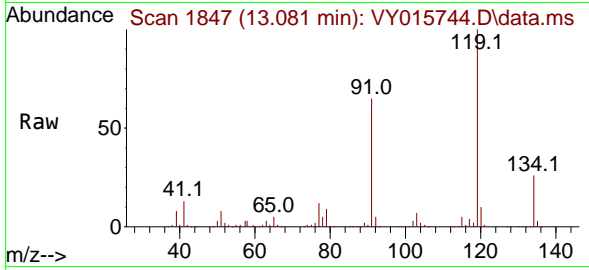
#83  
 tert-Butylbenzene  
 Concen: 21.382 ug/l  
 RT: 13.081 min Scan# 1847  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



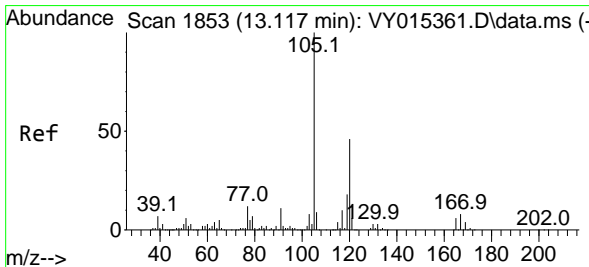
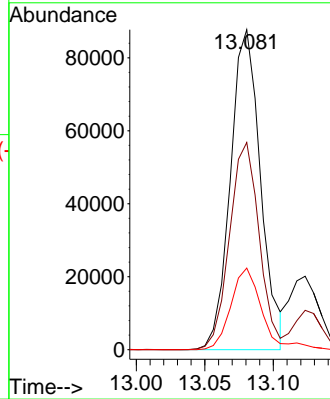
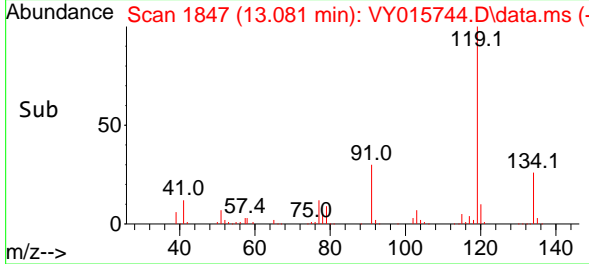
Tgt Ion:119 Resp: 134710  
 Ion Ratio Lower Upper  
 119 100  
 91 63.7 32.9 98.6  
 134 26.3 13.0 38.9

Manual Integrations

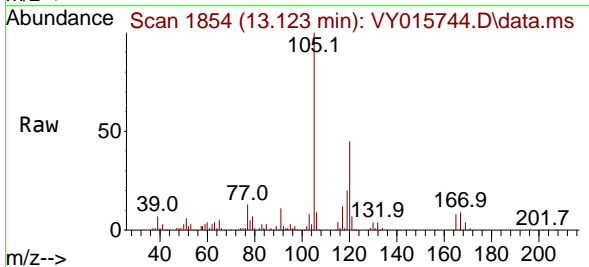
APPROVED

Reviewed By :John Carlone 09/29/2023

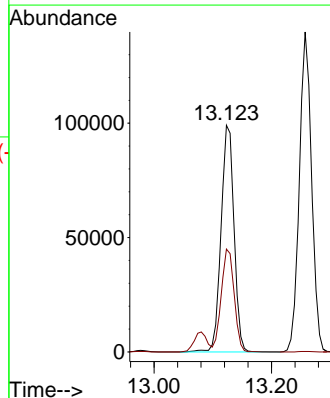
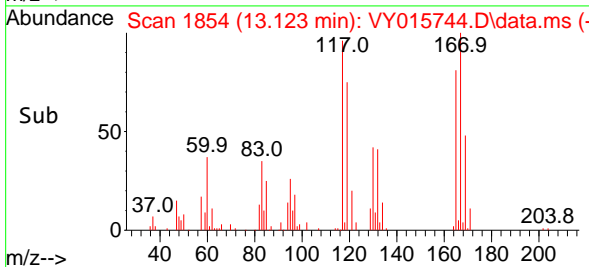
Supervised By :Mahesh Dadoda 09/29/2023

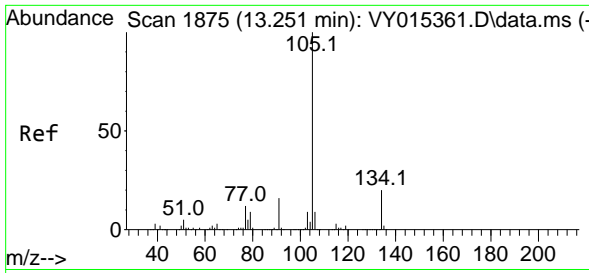


#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.100 ug/l  
 RT: 13.123 min Scan# 1854  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:105 Resp: 151869  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 22.2 66.6





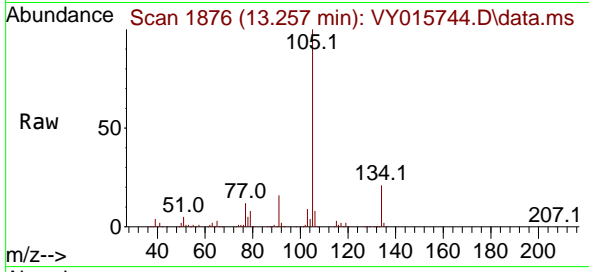
#85  
 sec-Butylbenzene  
 Concen: 21.439 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



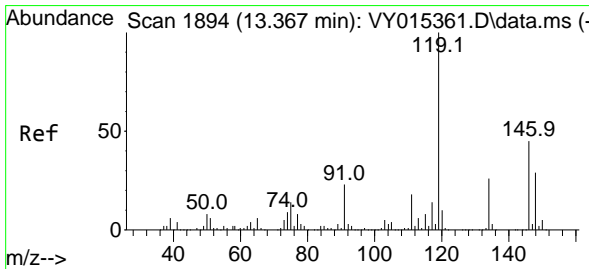
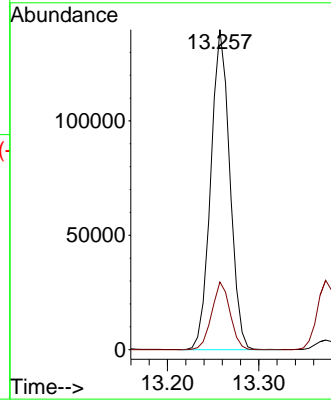
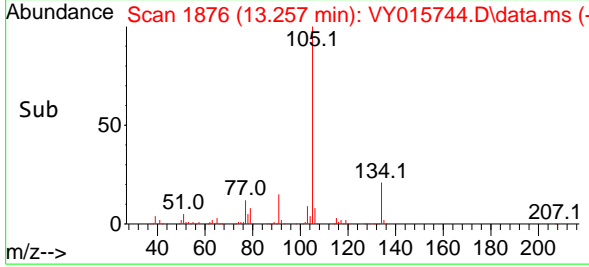
Tgt Ion:105 Resp: 202140  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.6

Manual Integrations

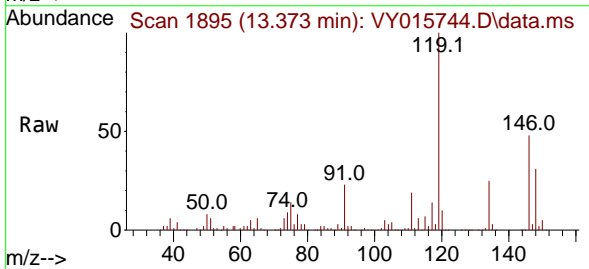
APPROVED

Reviewed By :John Carlone 09/29/2023

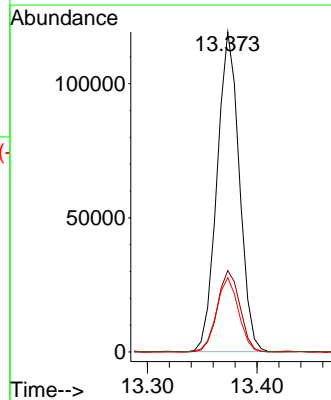
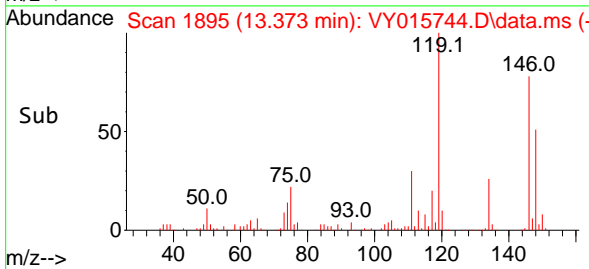
Supervised By :Mahesh Dadoda 09/29/2023

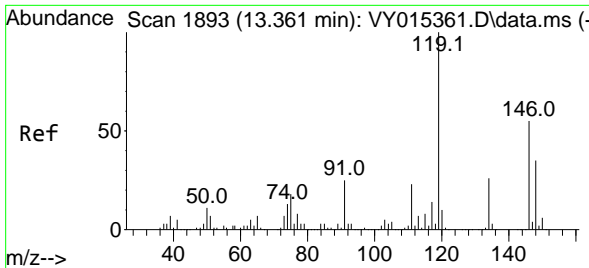


#86  
 p-Isopropyltoluene  
 Concen: 21.326 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:119 Resp: 167967  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.3 39.8  
 91 23.0 12.4 37.4





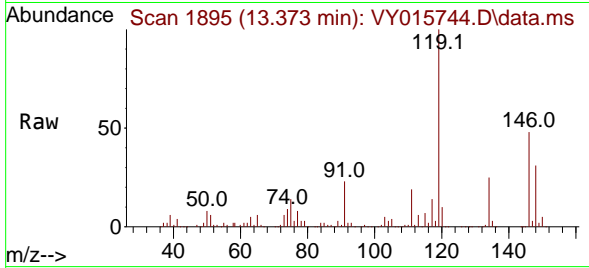
#87  
 1,3-Dichlorobenzene  
 Concen: 20.988 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.012 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



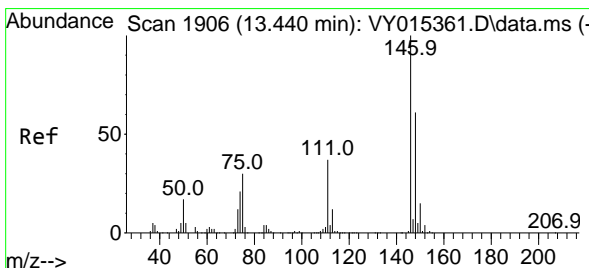
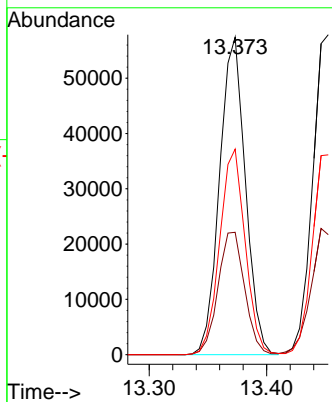
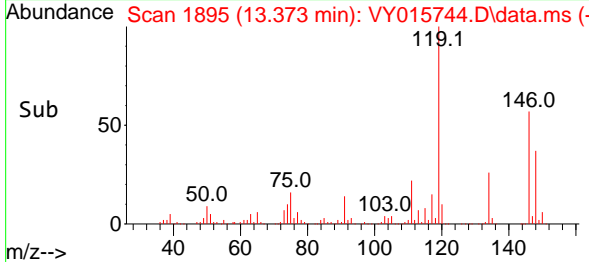
Tgt Ion:146 Resp: 87820  
 Ion Ratio Lower Upper  
 146 100  
 111 39.7 19.4 58.2  
 148 64.1 31.9 95.5

Manual Integrations

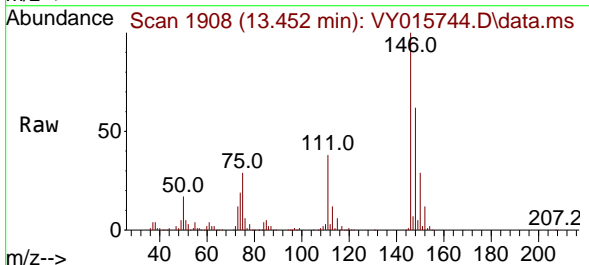
APPROVED

Reviewed By :John Carlone 09/29/2023

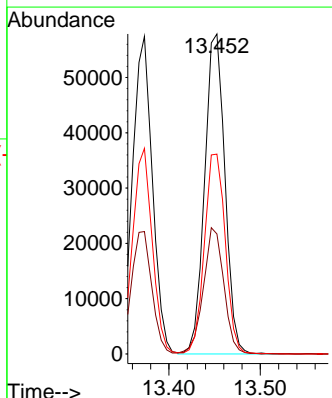
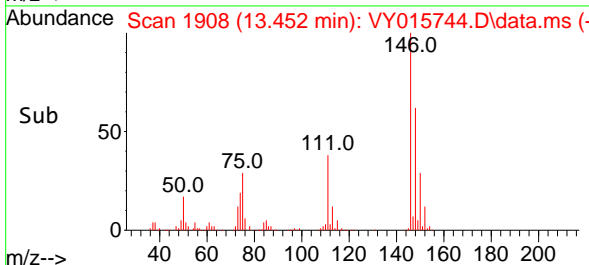
Supervised By :Mahesh Dadoda 09/29/2023



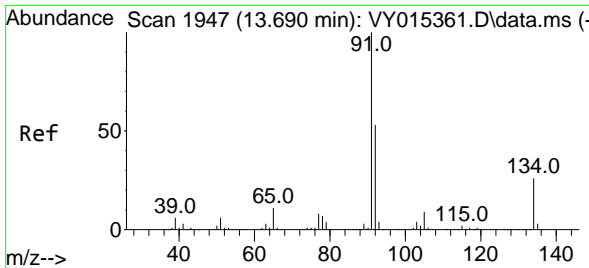
#88  
 1,4-Dichlorobenzene  
 Concen: 21.280 ug/l  
 RT: 13.452 min Scan# 1908  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:146 Resp: 89056  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 18.9 56.7  
 148 64.4 32.1 96.5

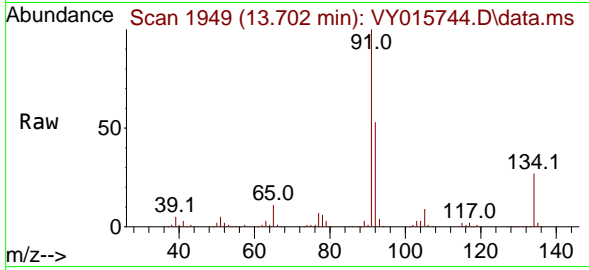






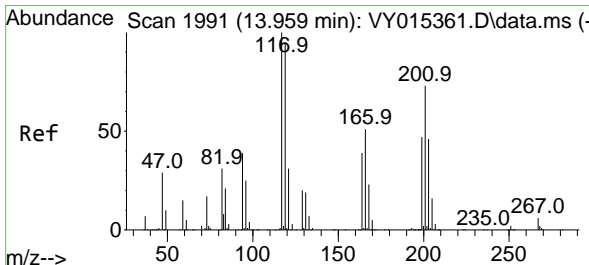
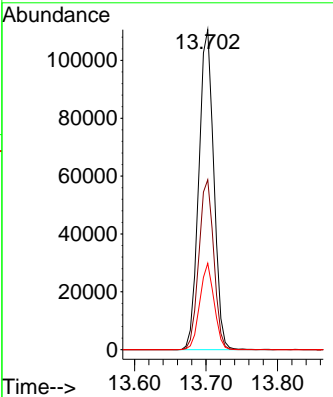
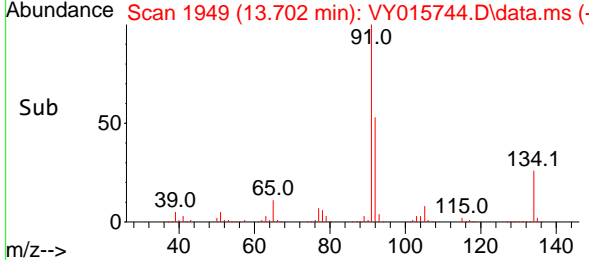
#89  
 n-Butylbenzene  
 Concen: 21.557 ug/l  
 RT: 13.702 min Scan# 1949  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument : MSVOA\_Y  
 ClientSampleId : VY0928SBS01

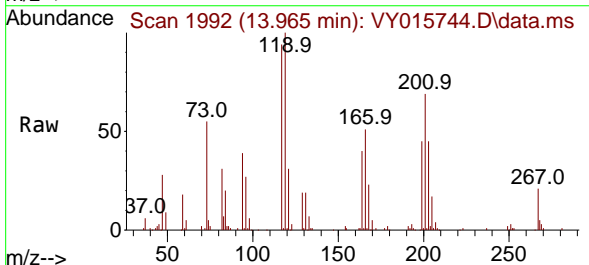


Tgt Ion: 91 Resp: 160774  
 Ion Ratio Lower Upper  
 91 100  
 92 52.9 25.4 76.0  
 134 25.9 12.6 37.6

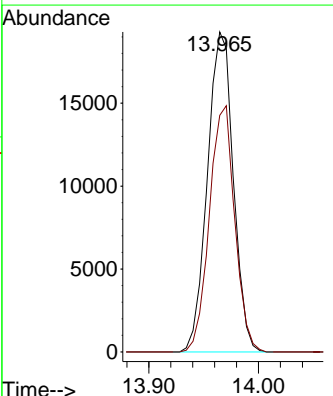
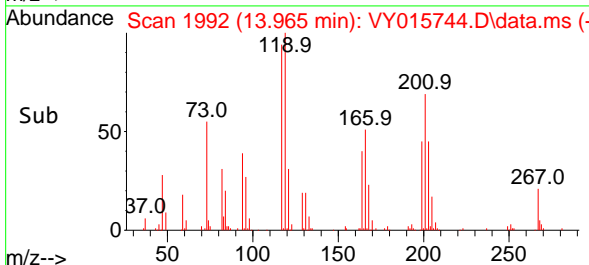
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 09/29/2023  
 Supervised By :Mahesh Dadoda 09/29/2023

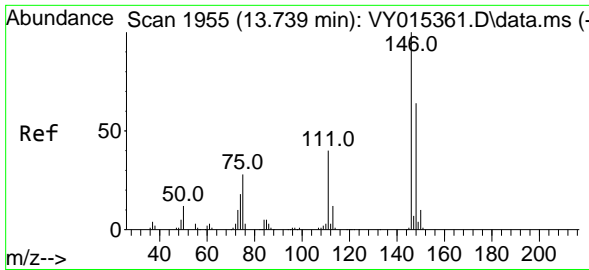


#90  
 Hexachloroethane  
 Concen: 20.858 ug/l  
 RT: 13.965 min Scan# 1992  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:117 Resp: 31705  
 Ion Ratio Lower Upper  
 117 100  
 201 75.5 41.6 124.8





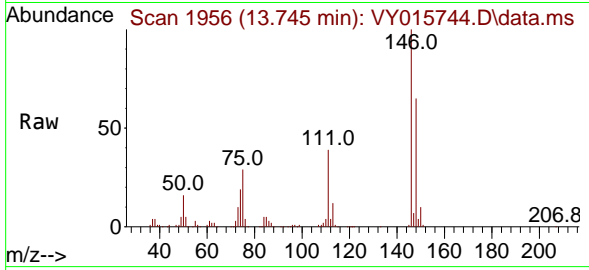
#91  
 1,2-Dichlorobenzene  
 Concen: 21.329 ug/l  
 RT: 13.745 min Scan# 1955  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



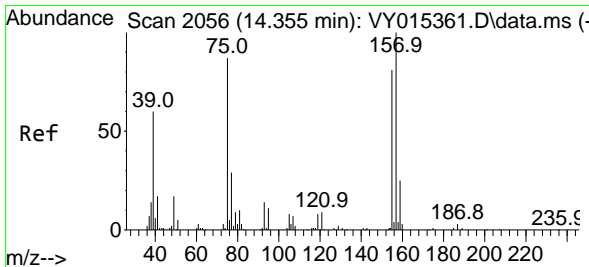
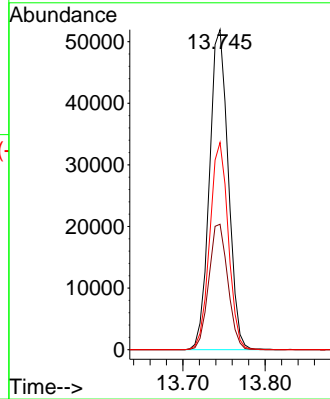
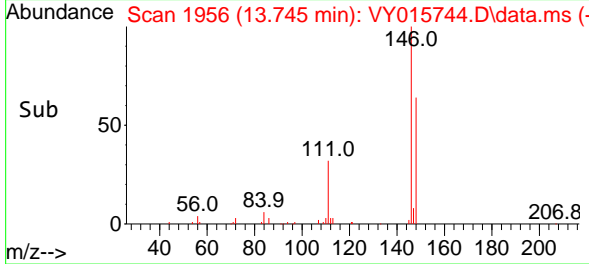
Tgt Ion:146 Resp: 82389  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 19.7 59.0  
 148 63.7 32.0 96.2

Manual Integrations

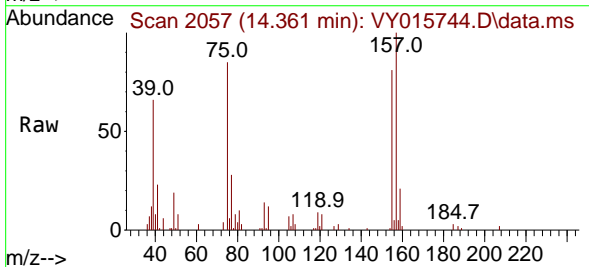
APPROVED

Reviewed By :John Carlone 09/29/2023

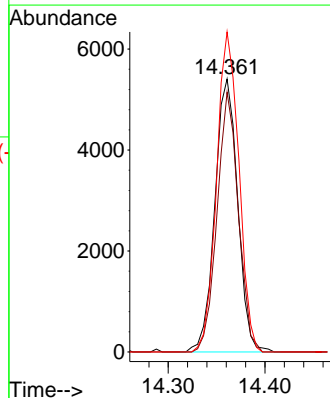
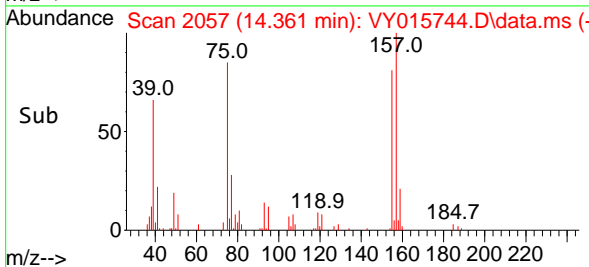
Supervised By :Mahesh Dadoda 09/29/2023

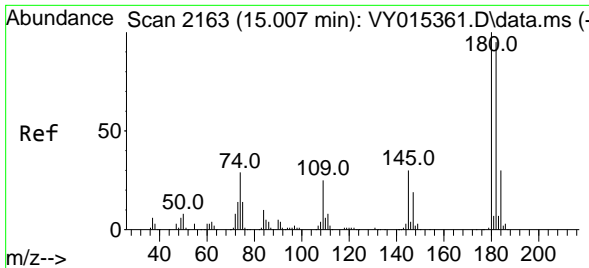


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.614 ug/l  
 RT: 14.361 min Scan# 2057  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion: 75 Resp: 8841  
 Ion Ratio Lower Upper  
 75 100  
 155 88.7 41.5 124.6  
 157 114.5 51.8 155.5





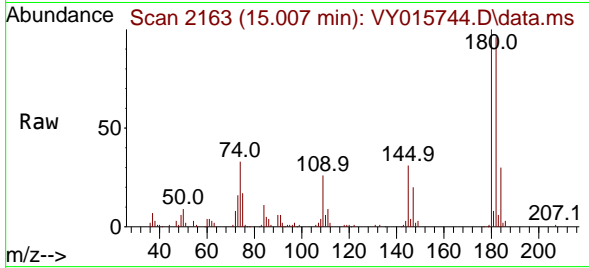
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.306 ug/l  
 RT: 15.007 min Scan# 2163  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



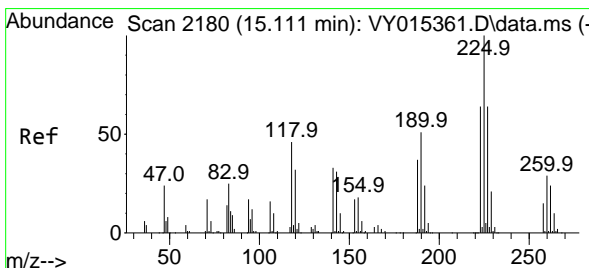
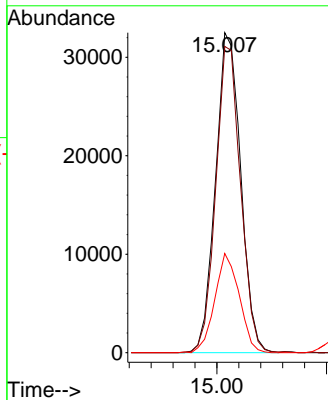
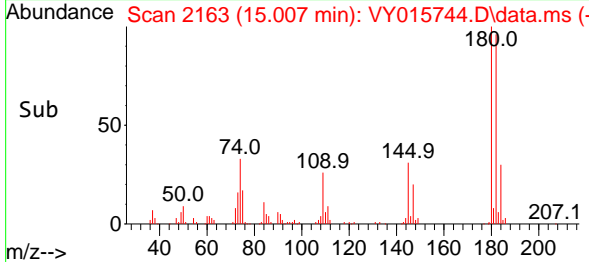
Tgt Ion:180 Resp: 5181  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 47.0 141.2  
 145 30.1 14.5 43.5

Manual Integrations

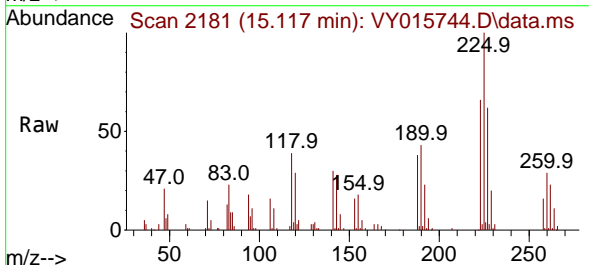
APPROVED

Reviewed By :John Carlone 09/29/2023

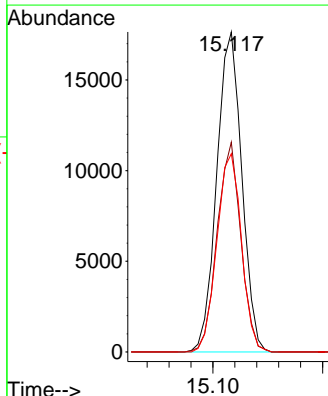
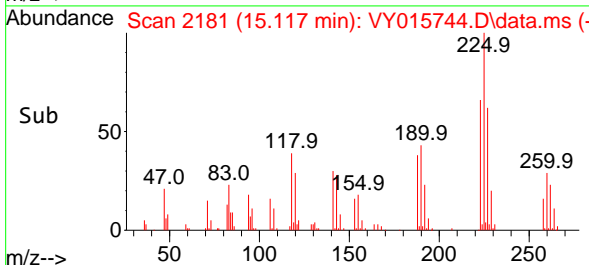
Supervised By :Mahesh Dadoda 09/29/2023

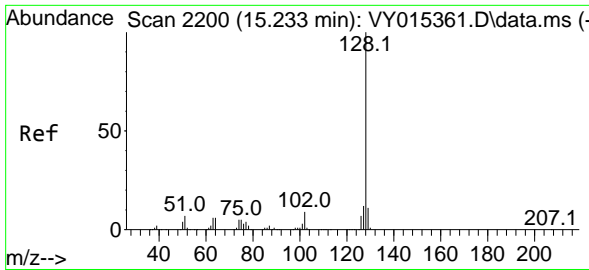


#94  
 Hexachlorobutadiene  
 Concen: 22.465 ug/l  
 RT: 15.117 min Scan# 2181  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:225 Resp: 27976  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 31.9 95.9  
 227 60.9 33.0 98.9





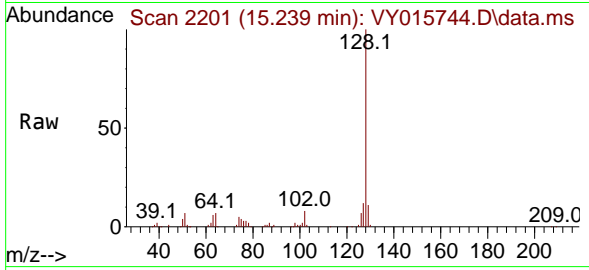
#95  
 Naphthalene  
 Concen: 19.821 ug/l  
 RT: 15.239 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14

Instrument :

MSVOA\_Y

ClientSampleId :

VY0928SBS01



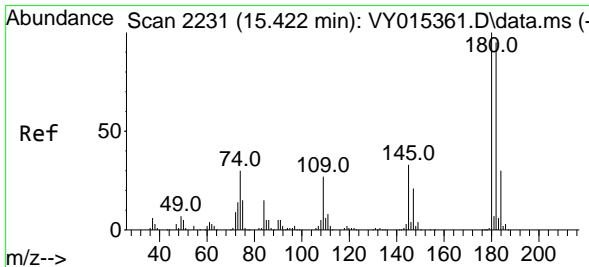
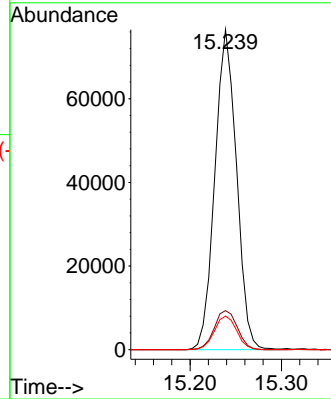
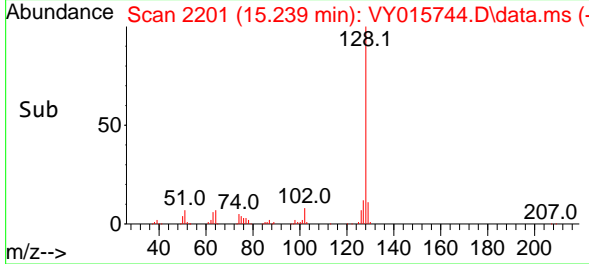
Tgt Ion:128 Resp: 12568  
 Ion Ratio Lower Upper  
 128 100  
 127 13.1 10.8 16.2  
 129 10.9 8.6 13.0

Manual Integrations

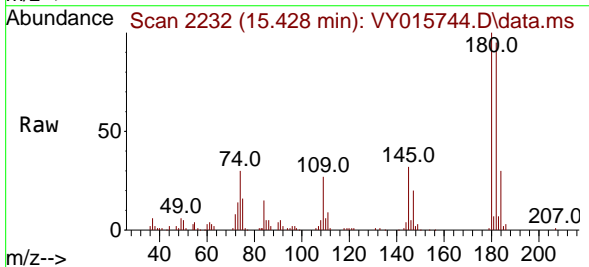
APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.922 ug/l  
 RT: 15.428 min Scan# 2232  
 Delta R.T. 0.006 min  
 Lab File: VY015744.D  
 Acq: 28 Sep 2023 14:14



Tgt Ion:180 Resp: 46960  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 47.3 141.8  
 145 32.8 15.4 46.2

