

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015742.D
 Acq On : 28 Sep 2023 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 01:23:19 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	7.801	168	148154	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	244608	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	220368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75018	46.020	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.040%		
35) Dibromofluoromethane	7.728	113	71722	48.988	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.980%		
50) Toluene-d8	10.185	98	254113	51.190	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.380%		
62) 4-Bromofluorobenzene	12.483	95	92708	47.589	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48793	49.963	ug/l	100
3) Chloromethane	2.119	50	61160	49.642	ug/l	99
4) Vinyl Chloride	2.253	62	73640	52.277	ug/l	98
5) Bromomethane	2.656	94	54776	45.239	ug/l	98
6) Chloroethane	2.796	64	55444	53.102	ug/l	95
7) Trichlorofluoromethane	3.131	101	120091	50.834	ug/l	100
8) Diethyl Ether	3.540	74	49204	48.841	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.906	101	75691	51.172	ug/l	95
10) Methyl Iodide	4.101	142	82960	47.821	ug/l	98
11) Tert butyl alcohol	4.997	59	71778	209.203	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	64750	49.678	ug/l	93
13) Acrolein	3.741	56	48031	192.395	ug/l	99
14) Allyl chloride	4.491	41	116713	48.975	ug/l	94
15) Acrylonitrile	5.180	53	161255	218.195	ug/l	98
16) Acetone	3.973	43	186188	213.430	ug/l	92
17) Carbon Disulfide	4.204	76	120642	47.645	ug/l	98
18) Methyl Acetate	4.497	43	131441	44.907	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	258643	48.722	ug/l	99
20) Methylene Chloride	4.729	84	100699	52.999	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	75507	50.682	ug/l	94
22) Diisopropyl ether	6.131	45	285459	49.773	ug/l	93
23) Vinyl Acetate	6.070	43	838738	236.936	ug/l	96
24) 1,1-Dichloroethane	6.027	63	155063	49.604	ug/l	97
25) 2-Butanone	7.003	43	251219	203.738	ug/l	97
26) 2,2-Dichloropropane	6.990	77	141091	49.381	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	98651	49.879	ug/l	96
28) Bromochloromethane	7.350	49	38033	44.844	ug/l	99
29) Tetrahydrofuran	7.362	42	148040	212.416	ug/l	94
30) Chloroform	7.515	83	166814	49.830	ug/l	95
31) Cyclohexane	7.795	56	105137	46.558	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	142225	51.464	ug/l	99
36) 1,1-Dichloropropene	7.929	75	110324	50.964	ug/l	99
37) Ethyl Acetate	7.088	43	98225	45.491	ug/l	97
38) Carbon Tetrachloride	7.911	117	124259	52.882	ug/l	98
39) Methylcyclohexane	9.191	83	119149	49.763	ug/l	94
40) Benzene	8.167	78	334777	50.712	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	53580m	46.086	ug/l	
42) 1,2-Dichloroethane	8.246	62	111038	49.113	ug/l	95
43) Isopropyl Acetate	8.283	43	170528	46.234	ug/l	97
44) Trichloroethene	8.947	130	93738	50.840	ug/l	97
45) 1,2-Dichloropropane	9.222	63	93944	51.030	ug/l	98
46) Dibromomethane	9.313	93	57287	48.647	ug/l	96
47) Bromodichloromethane	9.502	83	134091	51.085	ug/l	98
48) Methyl methacrylate	9.301	41	75458	46.609	ug/l	90
49) 1,4-Dioxane	9.319	88	20758	892.260	ug/l #	48
51) 4-Methyl-2-Pentanone	10.075	43	516157	225.779	ug/l	94
52) Toluene	10.252	92	216782	50.937	ug/l	95
53) t-1,3-Dichloropropene	10.472	75	143838	51.101	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	153936	50.806	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	86594	50.178	ug/l	95
56) Ethyl methacrylate	10.514	69	126084	49.577	ug/l #	88
57) 1,3-Dichloropropane	10.795	76	142971	49.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	157167	194.553	ug/l	97
59) 2-Hexanone	10.837	43	394737	225.058	ug/l	91
60) Dibromochloromethane	10.990	129	102162	50.713	ug/l	100
61) 1,2-Dibromoethane	11.093	107	82650	48.955	ug/l	99
64) Tetrachloroethene	10.728	164	97163	51.390	ug/l	97
65) Chlorobenzene	11.520	112	247055	51.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	98479	52.706	ug/l	99
67) Ethyl Benzene	11.599	91	440099	52.345	ug/l	98
68) m/p-Xylenes	11.709	106	336064	105.163	ug/l	96
69) o-Xylene	12.032	106	163808	52.275	ug/l	97
70) Styrene	12.051	104	282928	52.748	ug/l	97
71) Bromoform	12.215	173	69958	51.668	ug/l #	100
73) Isopropylbenzene	12.337	105	439859	50.833	ug/l	100
74) N-amyl acetate	12.148	43	154057	47.369	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	114980	47.745	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	83419m	45.332	ug/l	
77) Bromobenzene	12.611	156	105455	49.648	ug/l	94
78) n-propylbenzene	12.672	91	539174	51.290	ug/l	100
79) 2-Chlorotoluene	12.758	91	303062	50.576	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	368635	50.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	38373	46.958	ug/l	96
82) 4-Chlorotoluene	12.861	91	313175	50.064	ug/l	99
83) tert-Butylbenzene	13.081	119	327799	51.665	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	369365	50.960	ug/l	99
85) sec-Butylbenzene	13.258	105	487115	51.302	ug/l	100
86) p-Isopropyltoluene	13.373	119	408660	51.525	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	211946	50.298	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	212163	50.342	ug/l	99
89) n-Butylbenzene	13.697	91	383772	51.099	ug/l	97
90) Hexachloroethane	13.965	117	78628	51.367	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	196445	50.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20937	43.774	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	123531	50.444	ug/l	99
94) Hexachlorobutadiene	15.117	225	62709	50.004	ug/l	98
95) Naphthalene	15.239	128	312319	48.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113251	50.105	ug/l	99

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ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/29/2023

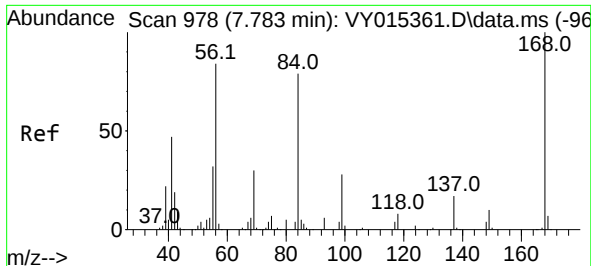
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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

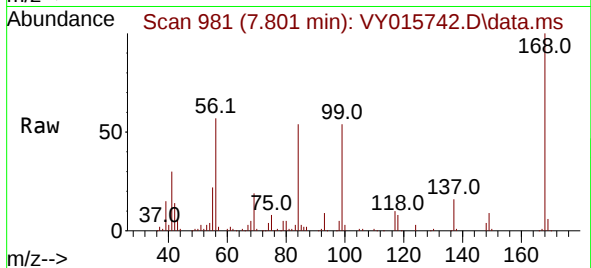
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

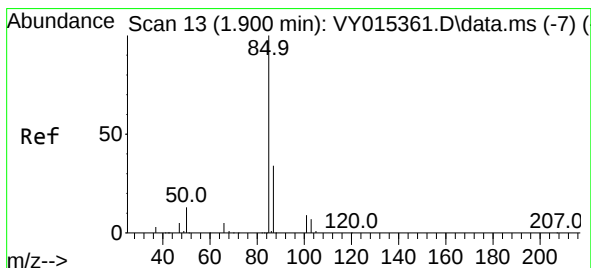
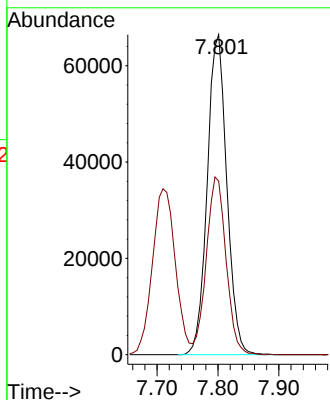
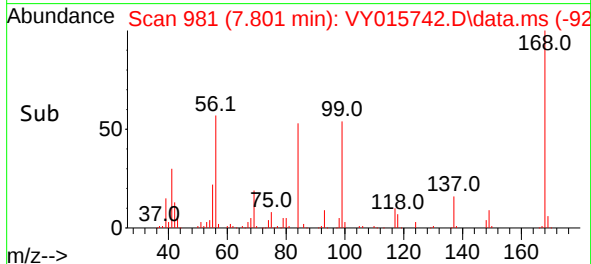
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 148154
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0

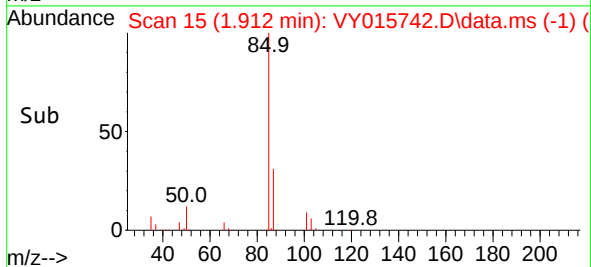
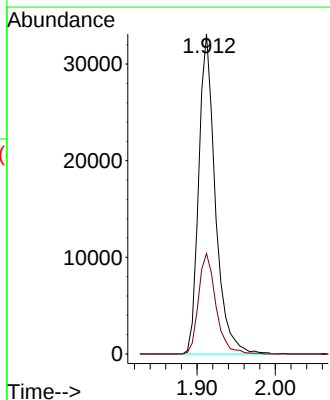
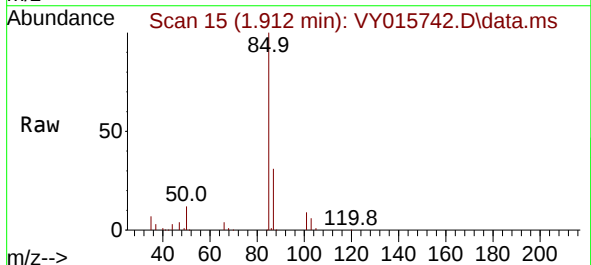
Manual Integrations
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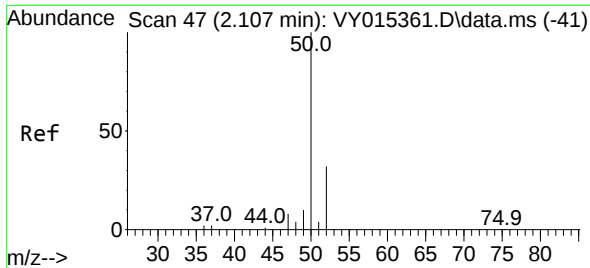
Reviewed By :John Carlone 09/29/2023
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#2
Dichlorodifluoromethane
Concen: 49.963 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 85 Resp: 48793
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8





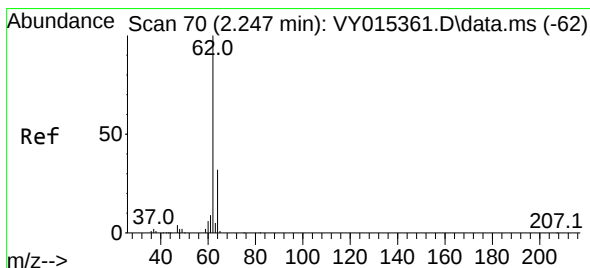
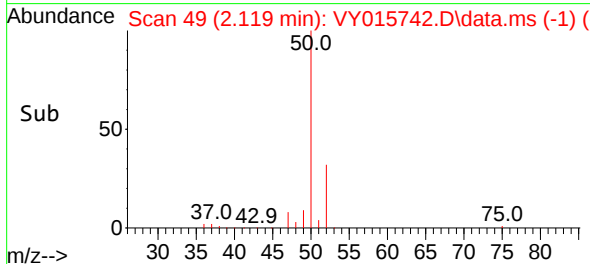
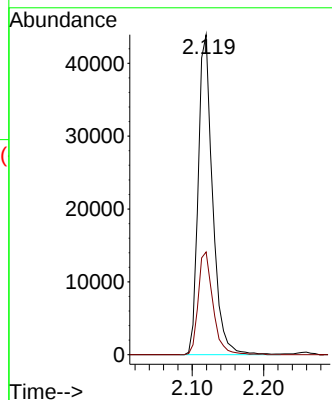
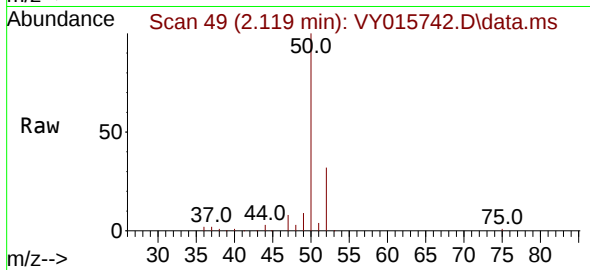
#3
Chloromethane
Concen: 49.642 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 61160
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

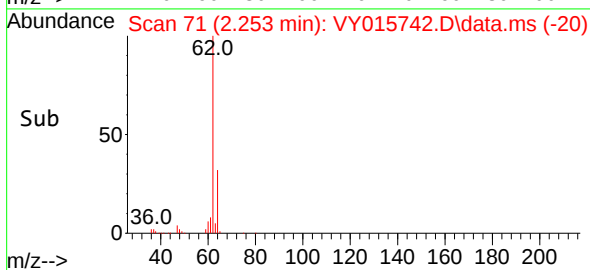
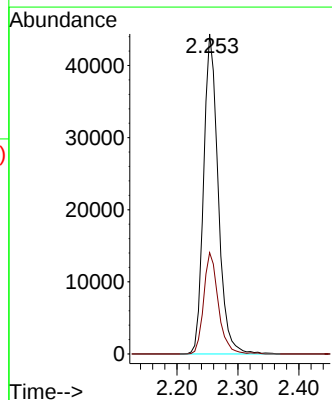
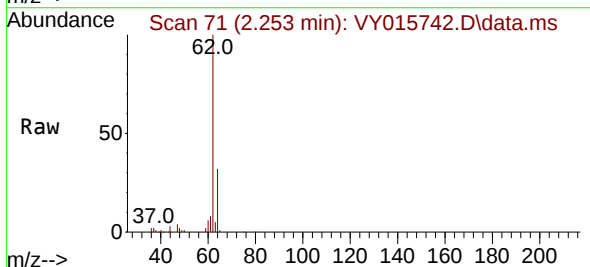
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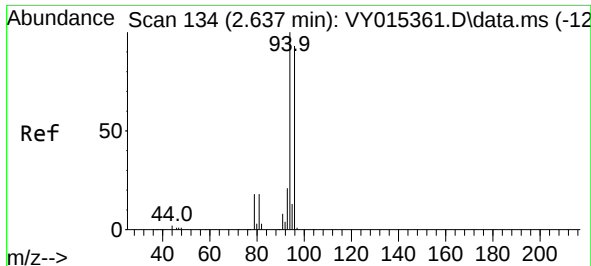
Reviewed By :John Carlone 09/29/2023
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#4
Vinyl Chloride
Concen: 52.277 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 62 Resp: 73640
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





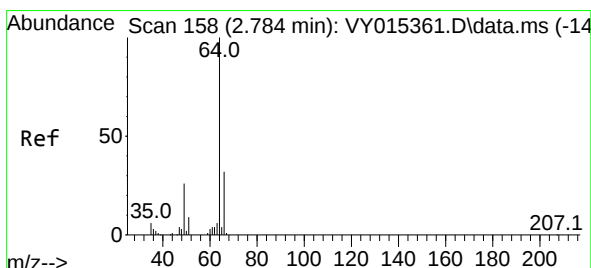
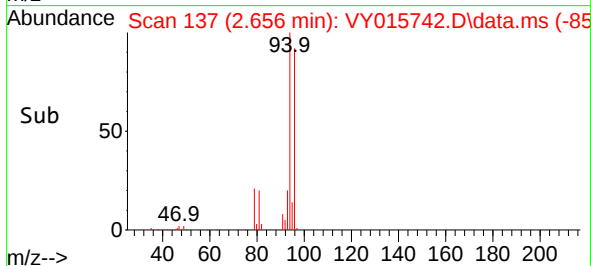
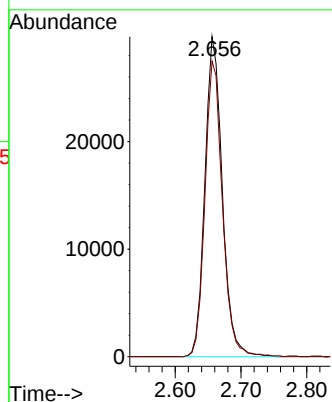
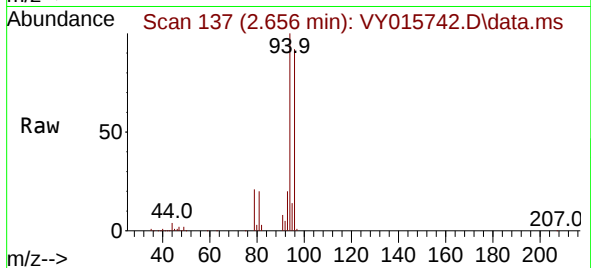
#5
Bromomethane
Concen: 45.239 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 54770
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.6

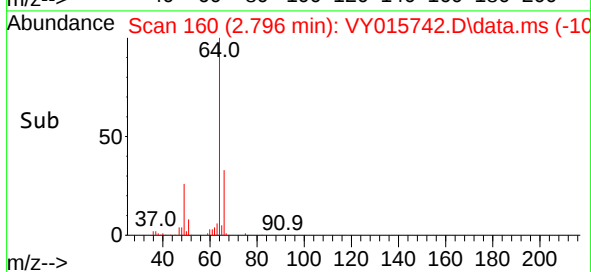
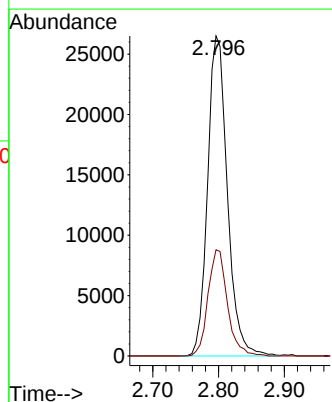
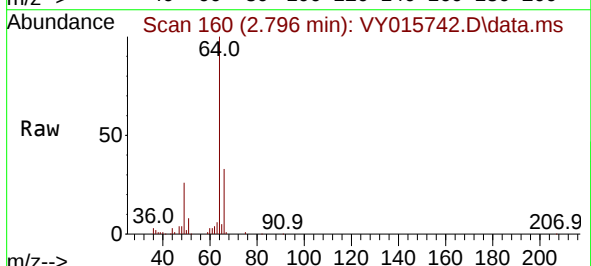
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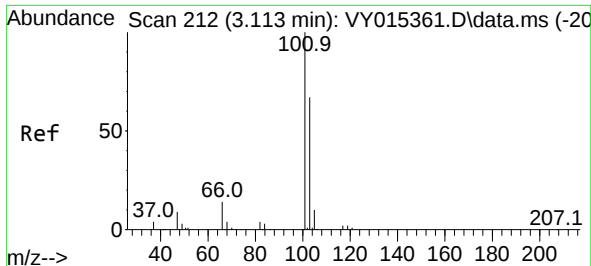
Reviewed By :John Carlone 09/29/2023
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#6
Chloroethane
Concen: 53.102 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 64 Resp: 55444
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6





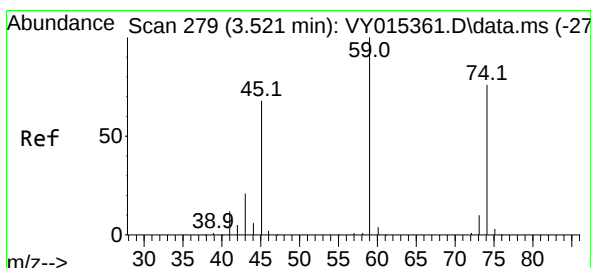
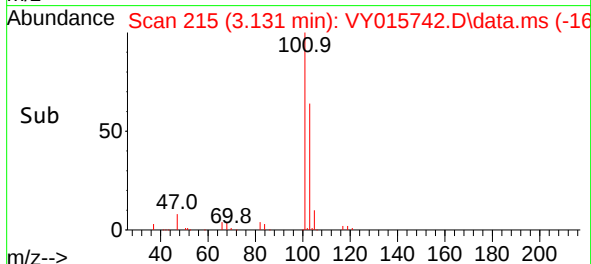
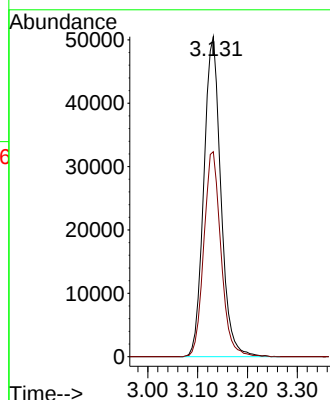
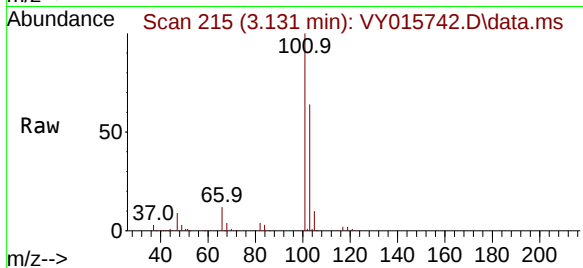
#7
Trichlorofluoromethane
Concen: 50.834 ug/l
RT: 3.131 min Scan# 212
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12009
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

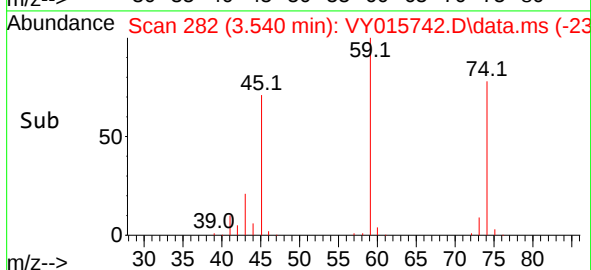
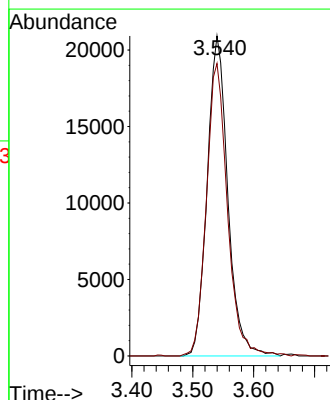
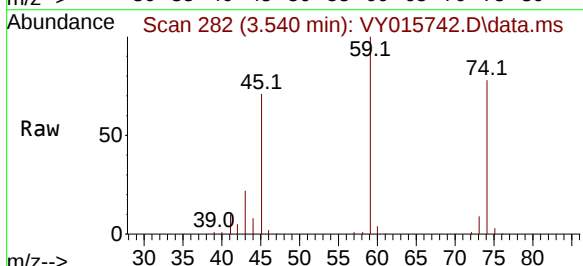
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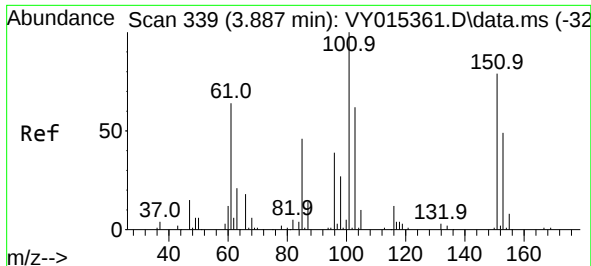
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#8
Diethyl Ether
Concen: 48.841 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 74 Resp: 49204
Ion Ratio Lower Upper
74 100
45 93.3 51.5 154.5





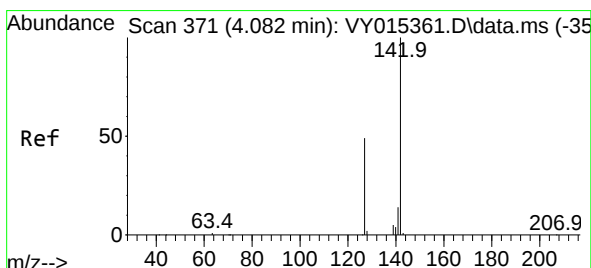
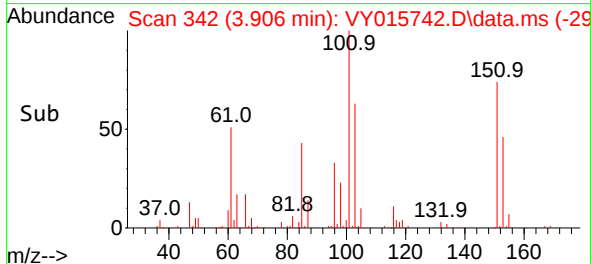
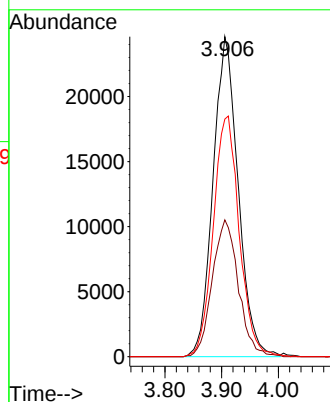
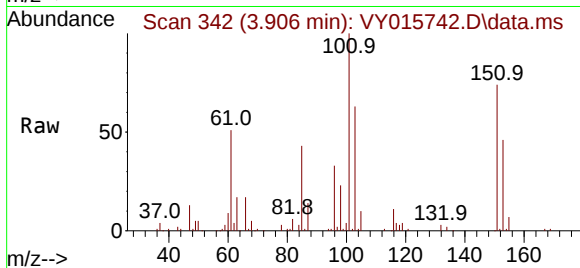
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.172 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7569
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 77.8 67.0 100.6

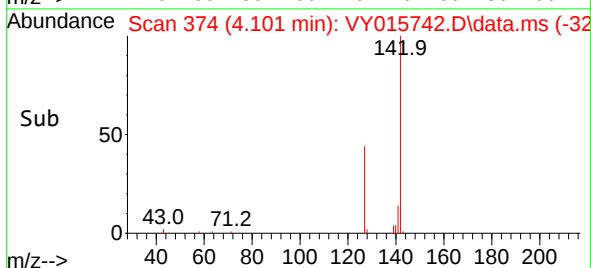
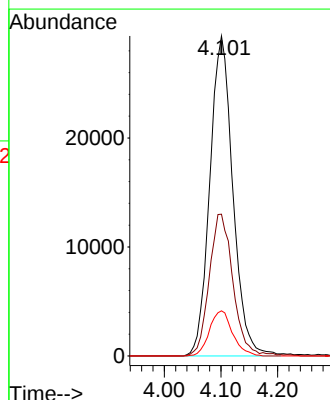
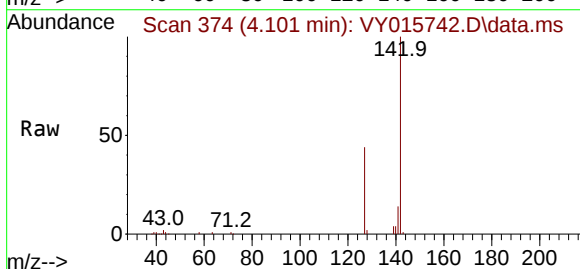
Manual Integrations
APPROVED

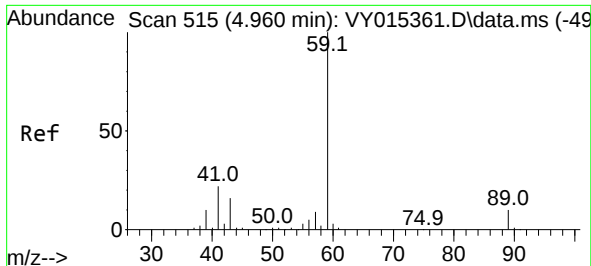
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#10
Methyl Iodide
Concen: 47.821 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

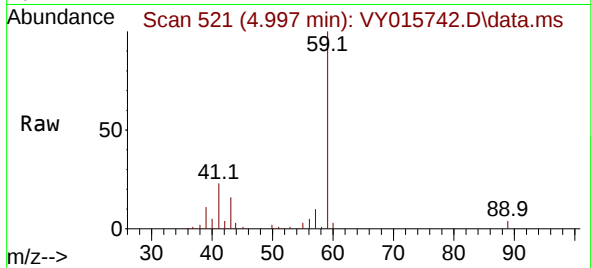
Tgt Ion:142 Resp: 82960
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 209.203 ug/l
RT: 4.997 min Scan# 515
Delta R.T. 0.043 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

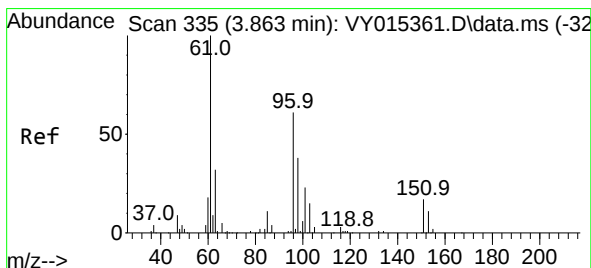
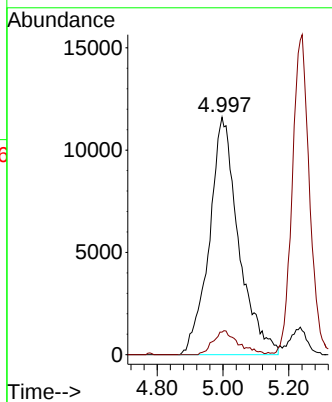
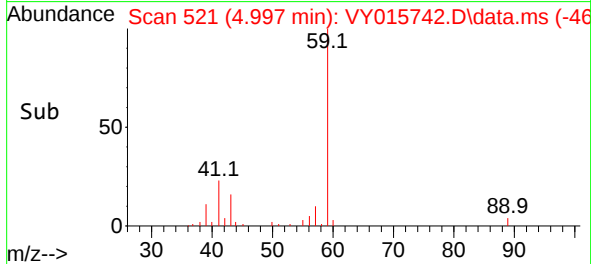
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



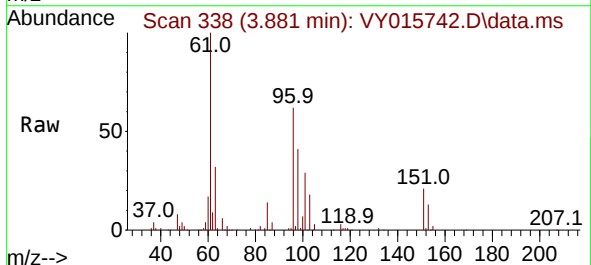
Tgt Ion: 59 Resp: 71778
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4

Manual Integrations
APPROVED

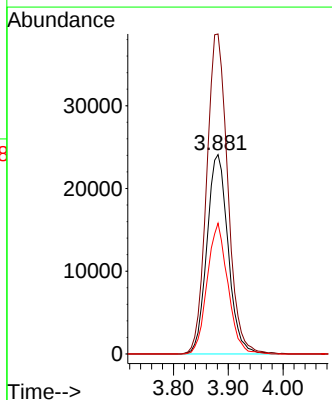
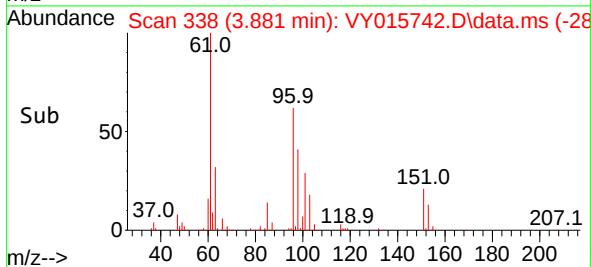
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

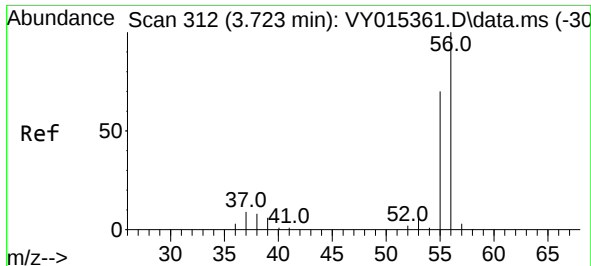


#12
1,1-Dichloroethene
Concen: 49.678 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



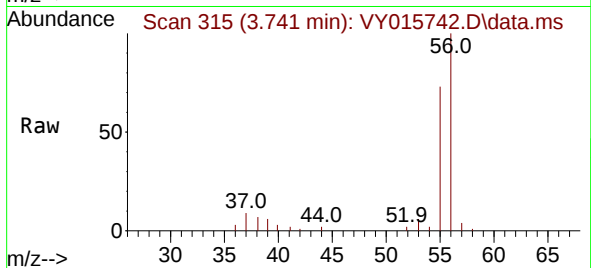
Tgt Ion: 96 Resp: 64750
Ion Ratio Lower Upper
96 100
61 160.5 136.4 204.6
98 65.6 49.4 74.2





#13
Acrolein
Concen: 192.395 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

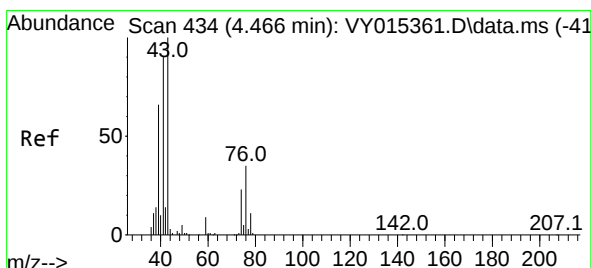
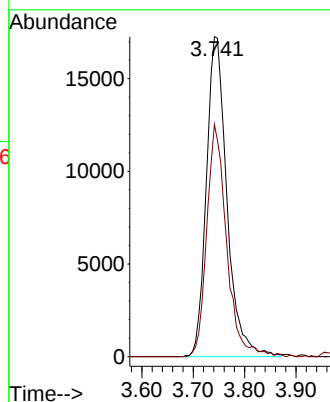
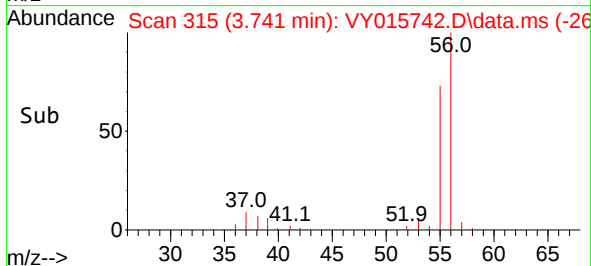
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



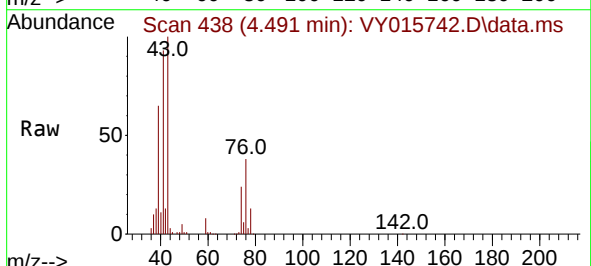
Tgt Ion: 56 Resp: 4803
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4

Manual Integrations
APPROVED

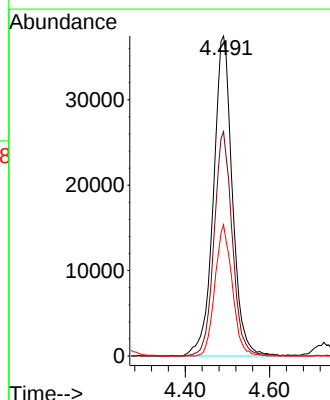
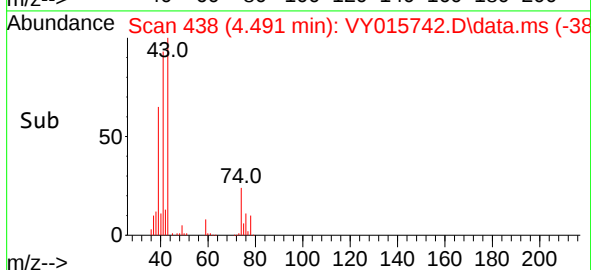
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

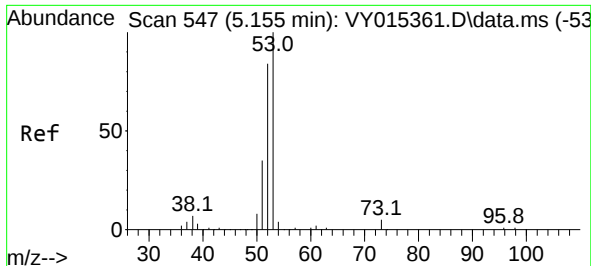


#14
Allyl chloride
Concen: 48.975 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 41 Resp: 116713
Ion Ratio Lower Upper
41 100
39 67.2 58.0 87.0
76 37.3 27.4 41.2





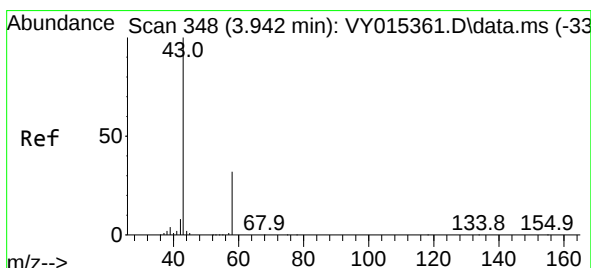
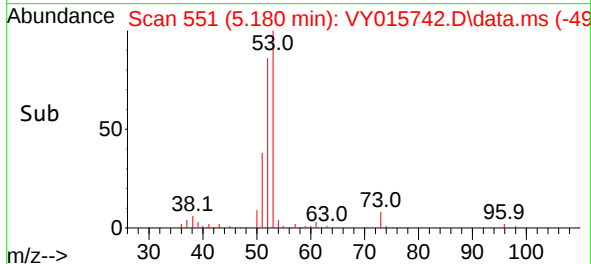
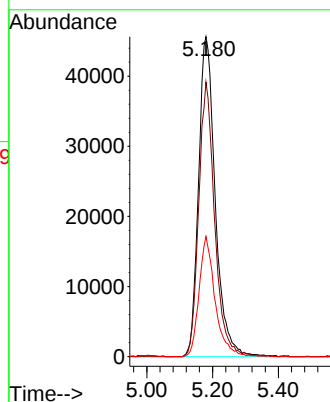
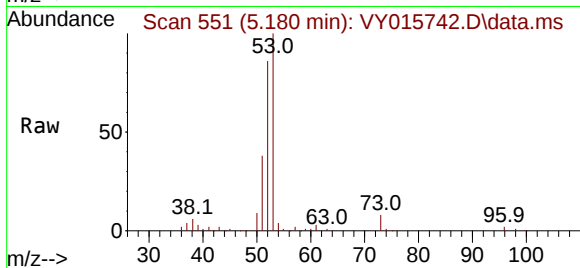
#15
Acrylonitrile
Concen: 218.195 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 16125
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 36.1 29.8 44.6

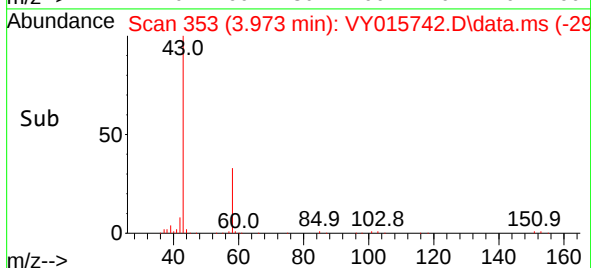
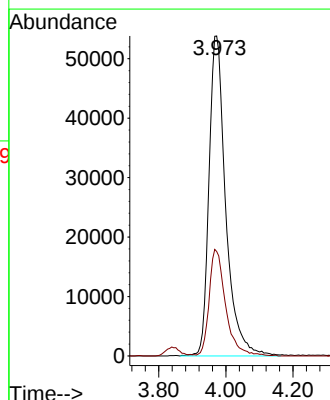
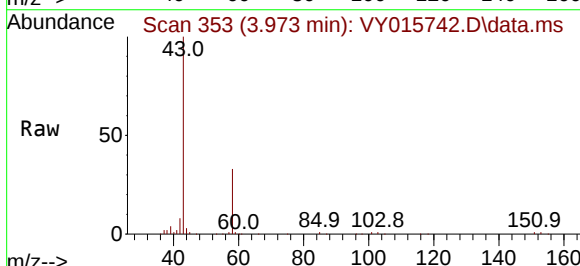
Manual Integrations
APPROVED

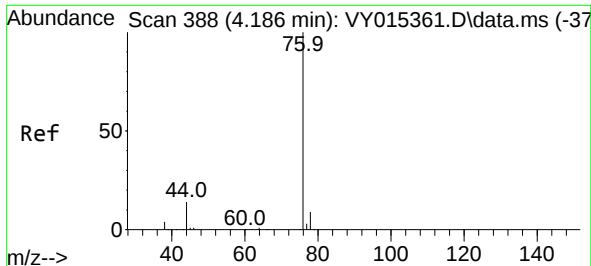
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#16
Acetone
Concen: 213.430 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 43 Resp: 186188
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





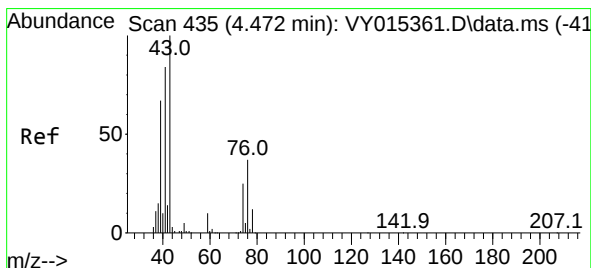
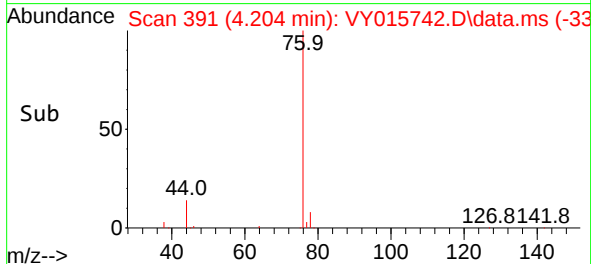
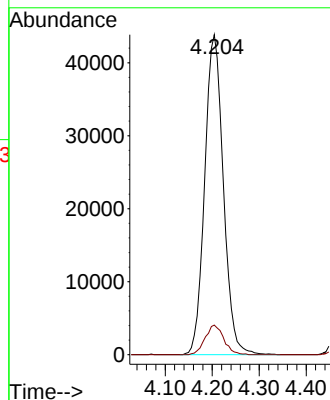
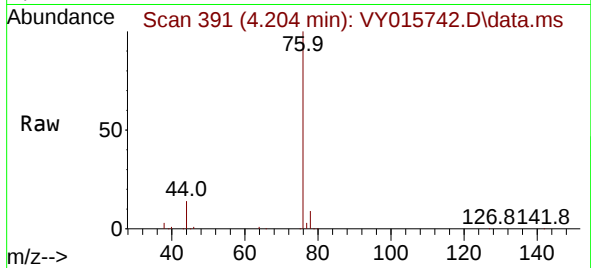
#17
Carbon Disulfide
Concen: 47.645 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12064
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

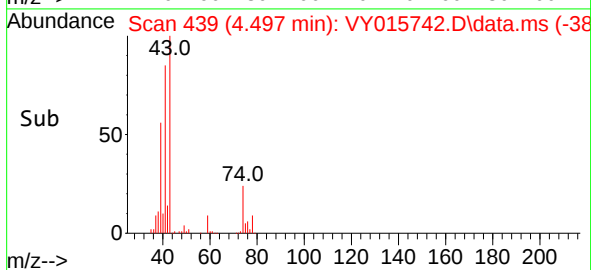
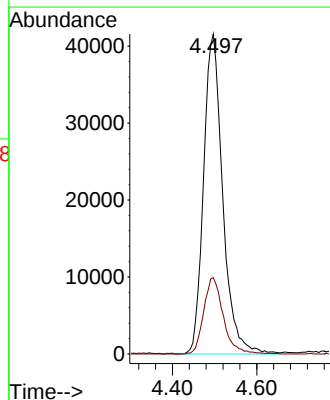
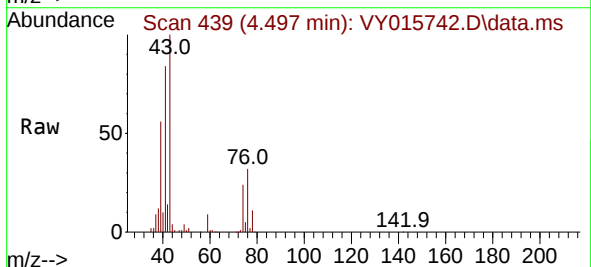
Manual Integrations
APPROVED

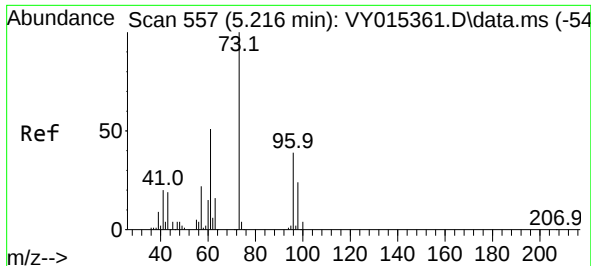
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#18
Methyl Acetate
Concen: 44.907 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.025 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

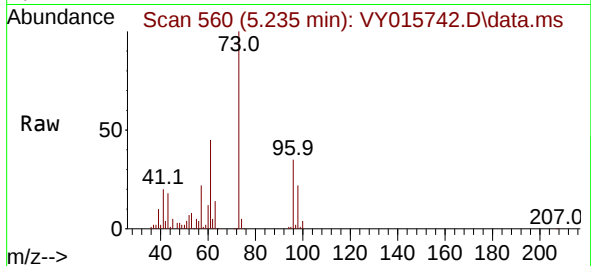
Tgt Ion: 43 Resp: 131441
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 48.722 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

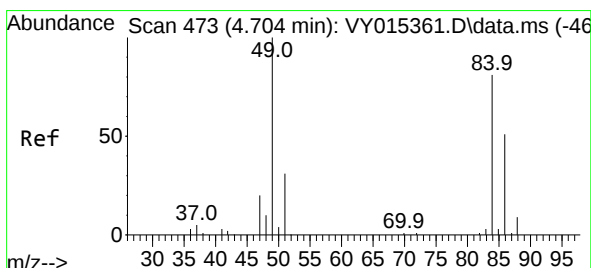
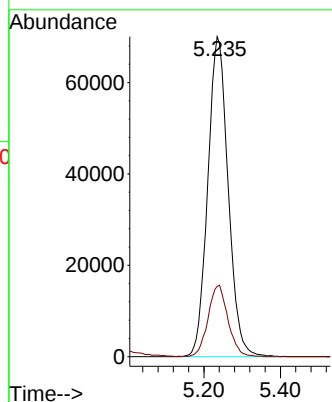
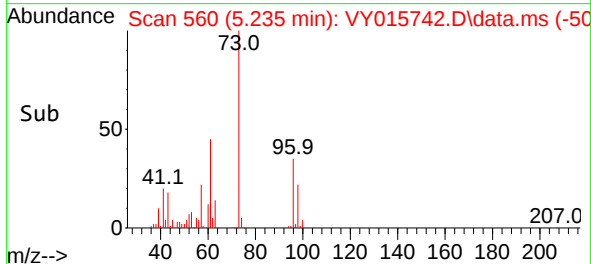
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 25864
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

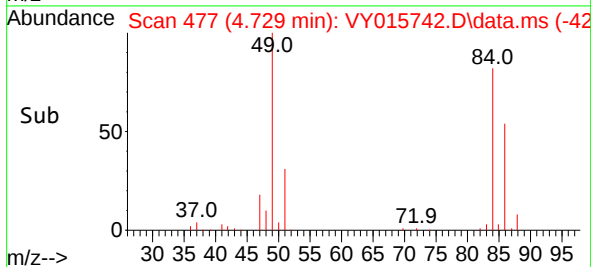
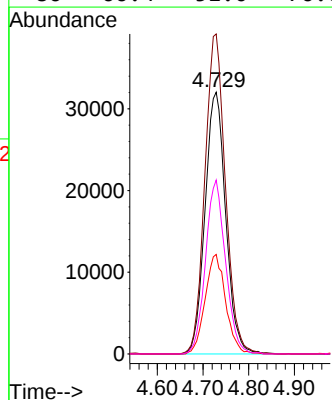
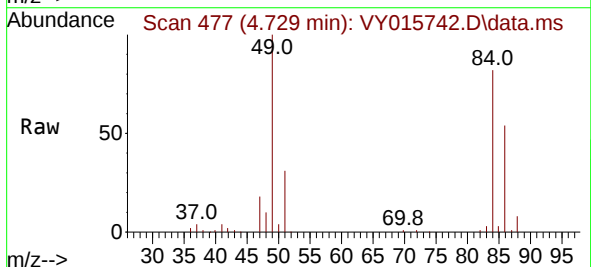
Manual Integrations
APPROVED

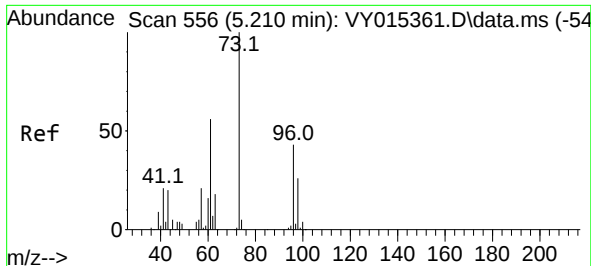
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#20
Methylene Chloride
Concen: 52.999 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.025 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

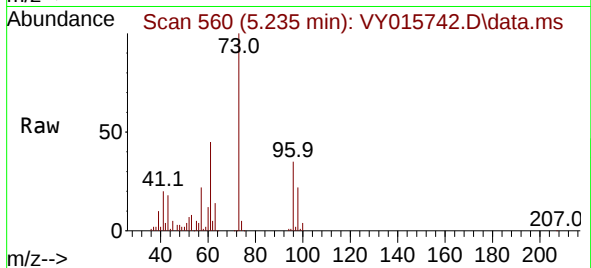
Tgt Ion: 84 Resp: 100699
Ion Ratio Lower Upper
84 100
49 122.2 106.9 160.3
51 38.0 33.2 49.8
86 66.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 50.682 ug/l
RT: 5.235 min Scan# 507
Delta R.T. 0.025 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

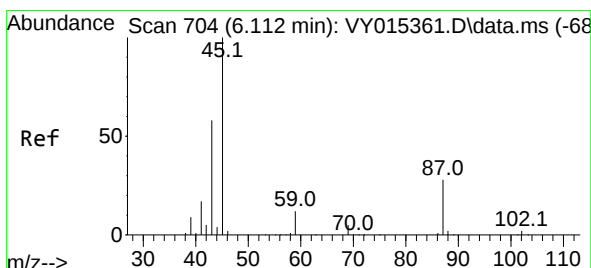
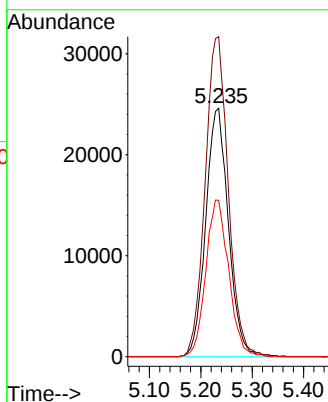
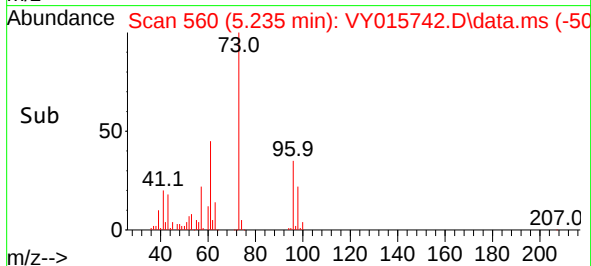
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



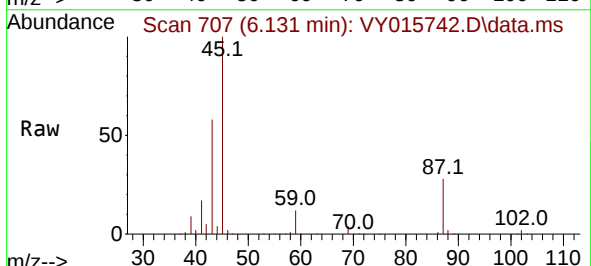
Tgt Ion: 96 Resp: 7550
Ion Ratio Lower Upper
96 100
61 128.8 110.2 165.4
98 62.9 51.8 77.6

Manual Integrations
APPROVED

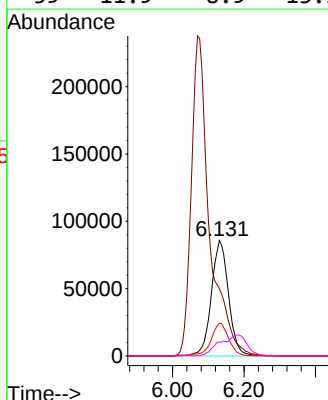
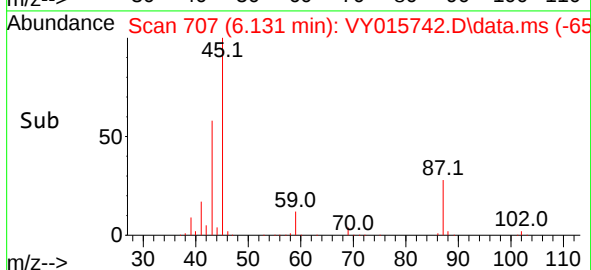
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

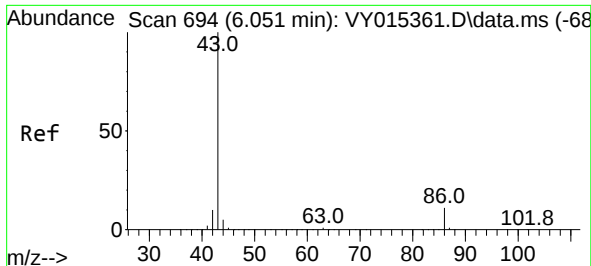


#22
Diisopropyl ether
Concen: 49.773 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 45 Resp: 285459
Ion Ratio Lower Upper
45 100
43 58.1 52.2 78.4
87 28.1 21.0 31.6
59 11.9 8.9 13.3





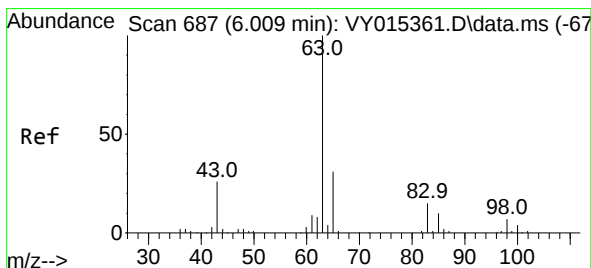
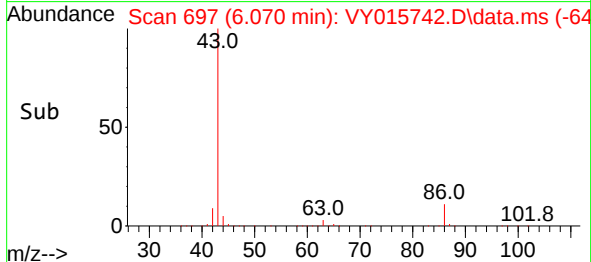
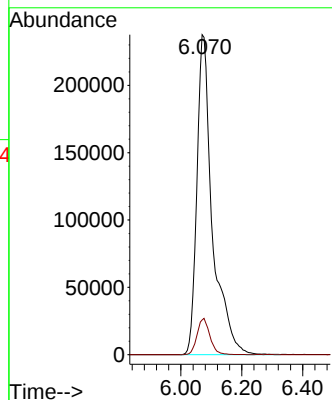
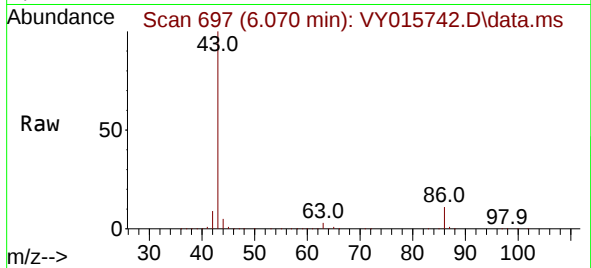
#23
 Vinyl Acetate
 Concen: 236.936 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY015742.D
 Acq: 28 Sep 2023 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 838738
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

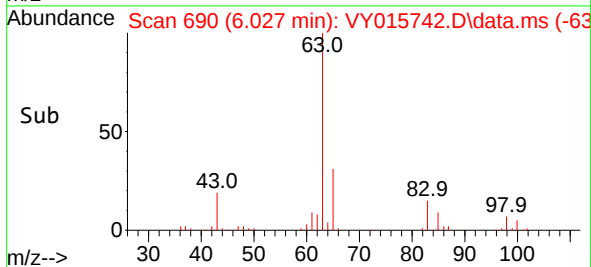
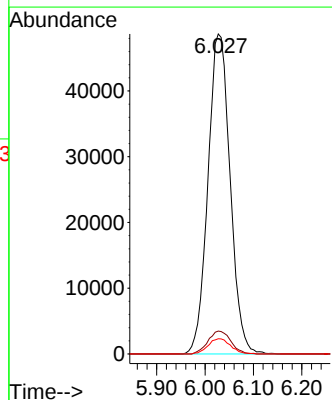
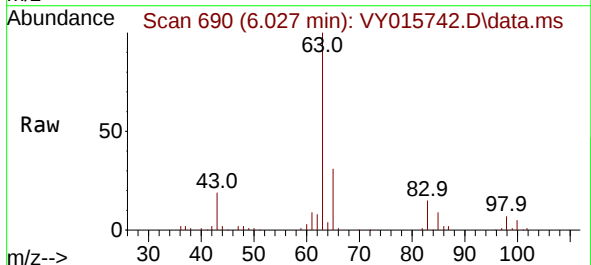
Manual Integrations
 APPROVED

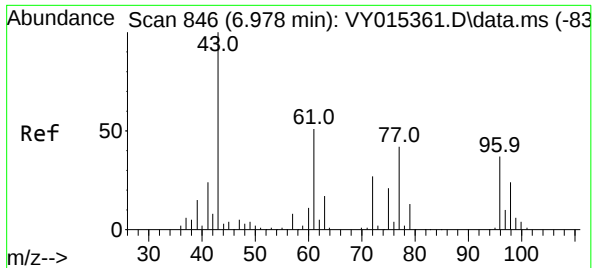
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#24
 1,1-Dichloroethane
 Concen: 49.604 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015742.D
 Acq: 28 Sep 2023 10:53

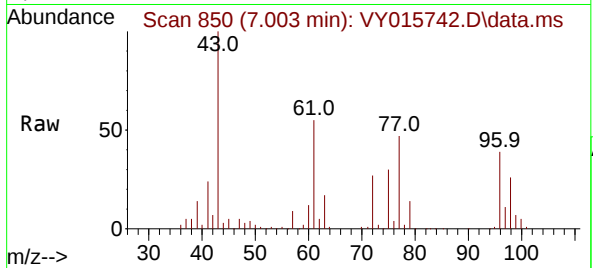
Tgt Ion: 63 Resp: 155063
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.8 1.8 5.5





#25
2-Butanone
Concen: 203.738 ug/l
RT: 7.003 min Scan# 846
Delta R.T. 0.025 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

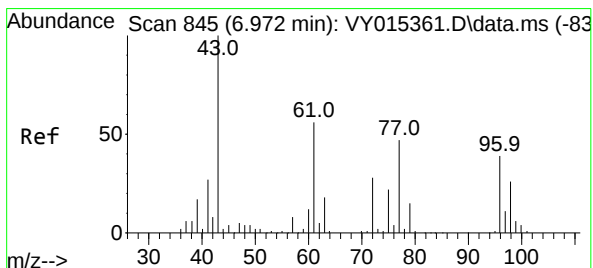
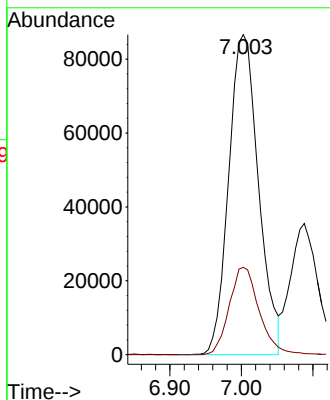
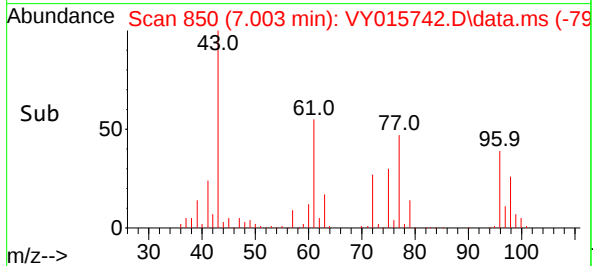
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



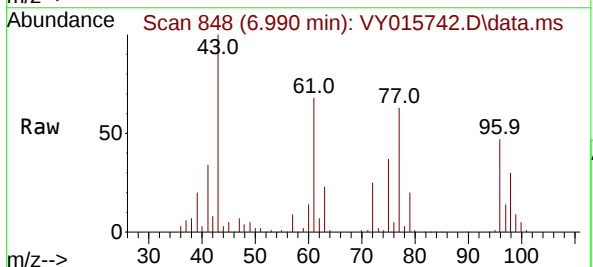
Tgt Ion: 43 Resp: 251219
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7

Manual Integrations
APPROVED

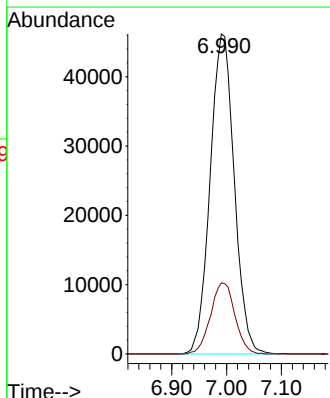
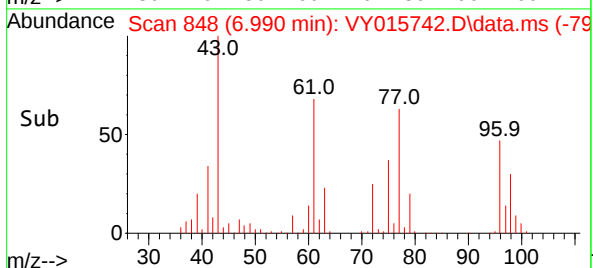
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

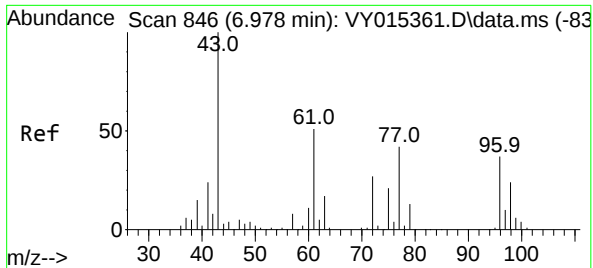


#26
2,2-Dichloropropane
Concen: 49.381 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



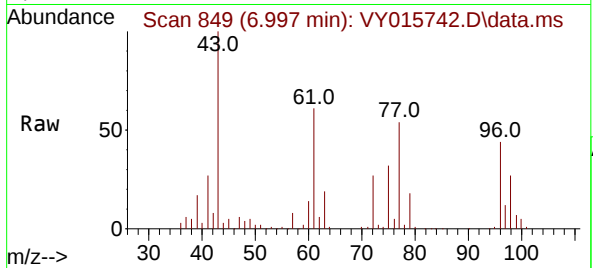
Tgt Ion: 77 Resp: 141091
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 49.879 ug/l
 RT: 6.997 min Scan# 846
 Delta R.T. 0.019 min
 Lab File: VY015742.D
 Acq: 28 Sep 2023 10:53

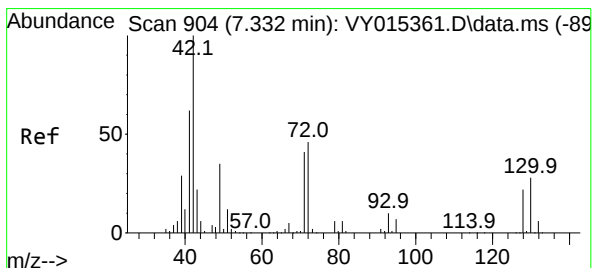
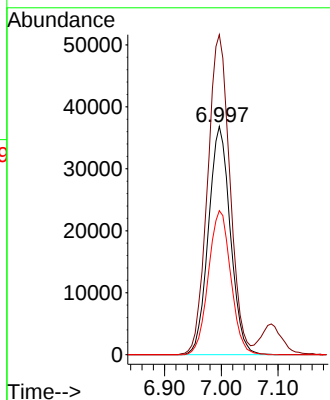
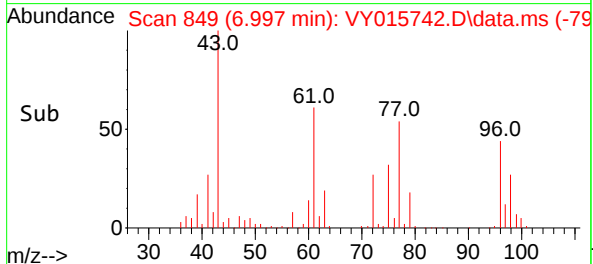
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9865
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 301.4
 98 64.5 0.0 130.4

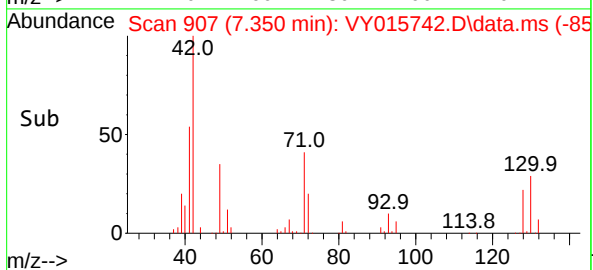
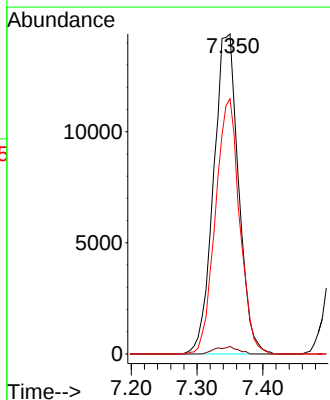
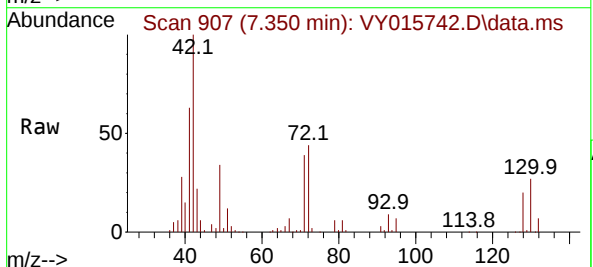
Manual Integrations
 APPROVED

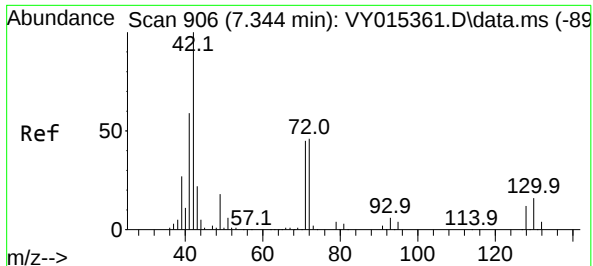
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#28
 Bromochloromethane
 Concen: 44.844 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.024 min
 Lab File: VY015742.D
 Acq: 28 Sep 2023 10:53

Tgt Ion: 49 Resp: 38033
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 77.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 212.416 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 148040

Ion Ratio Lower Upper

42 100

72 44.6 32.8 49.2

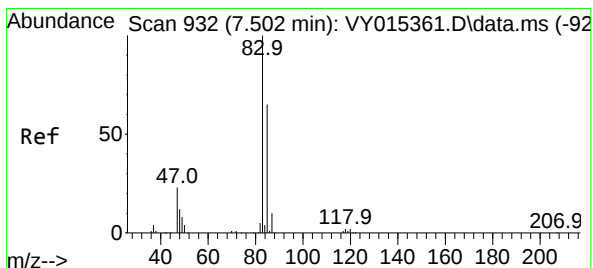
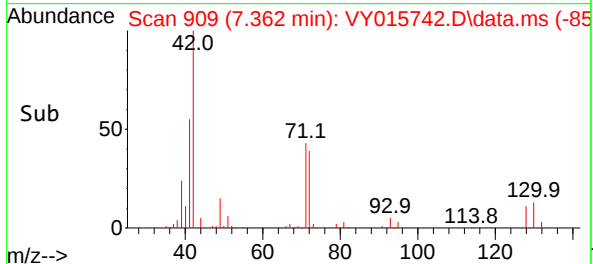
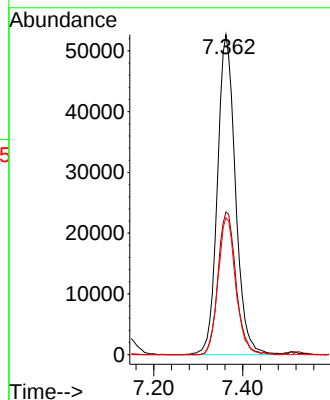
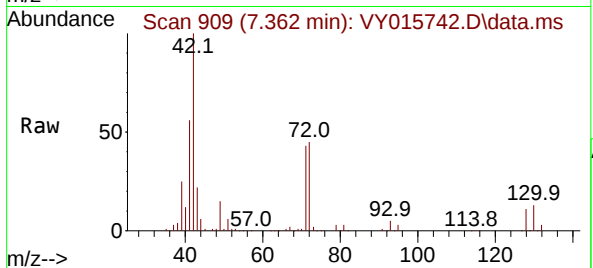
71 42.0 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#30

Chloroform

Concen: 49.830 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.019 min

Lab File: VY015742.D

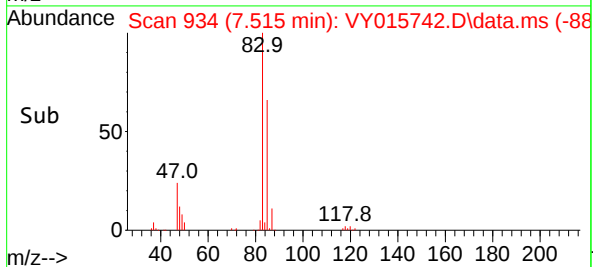
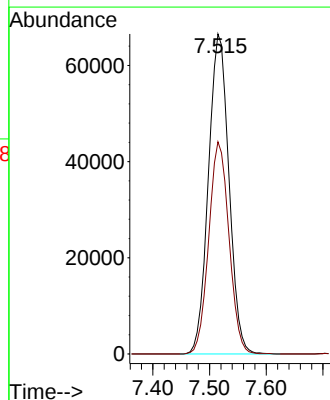
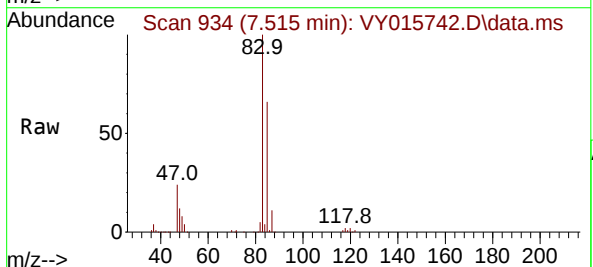
Acq: 28 Sep 2023 10:53

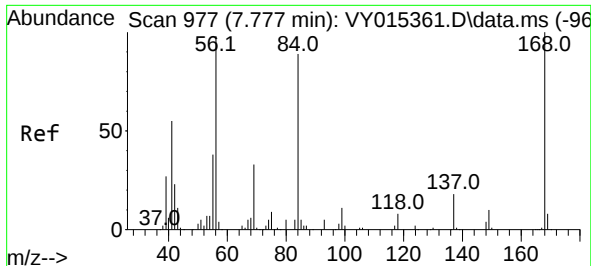
Tgt Ion: 83 Resp: 166814

Ion Ratio Lower Upper

83 100

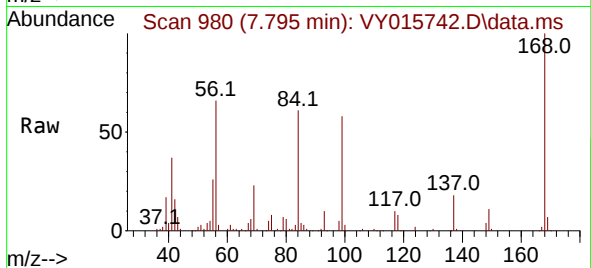
85 66.3 49.7 74.5





#31
Cyclohexane
Concen: 46.558 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

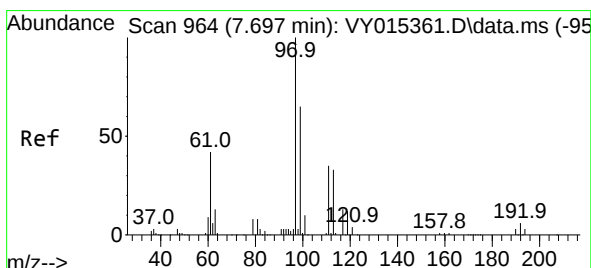
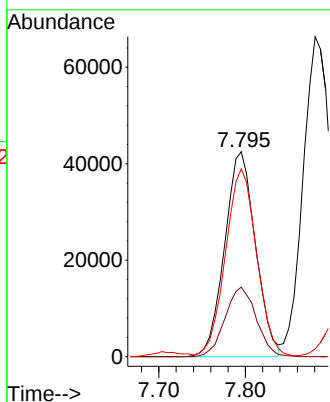
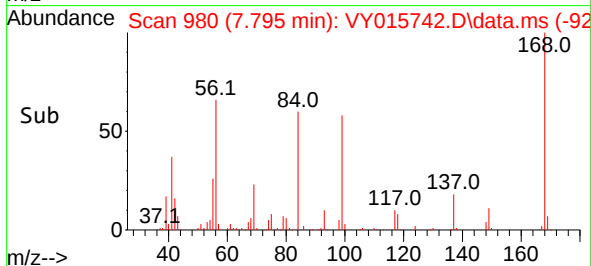
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



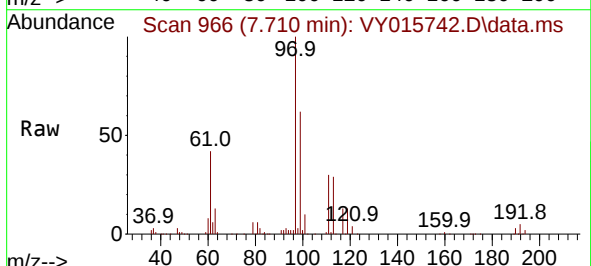
Tgt Ion: 56 Resp: 10513
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.6
84 90.1 66.4 99.6

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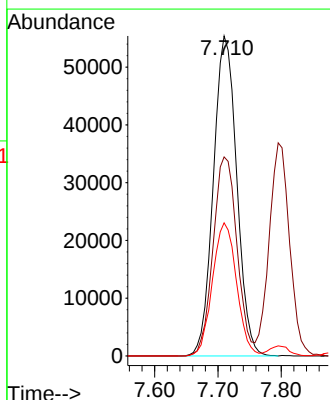
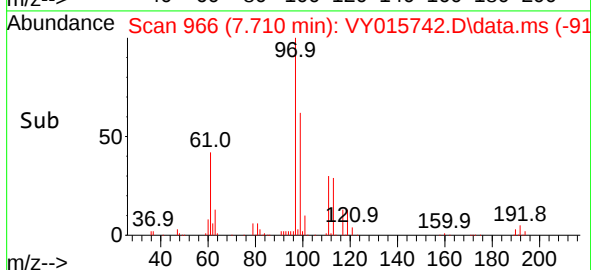
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

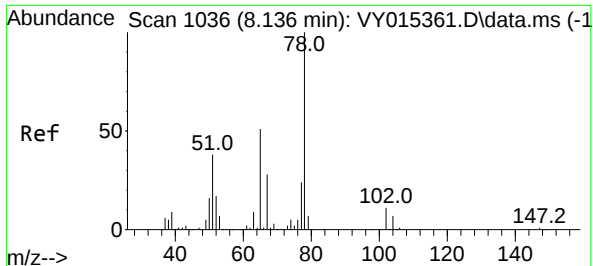


#32
1,1,1-Trichloroethane
Concen: 51.464 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 97 Resp: 142225
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.020 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 75018

Ion Ratio Lower Upper

65 100

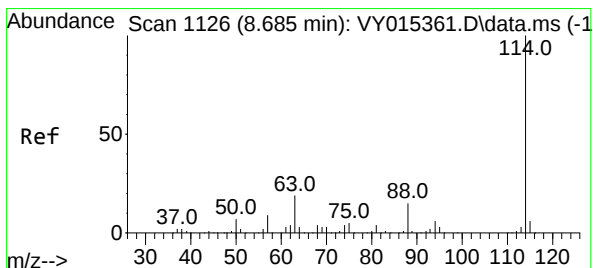
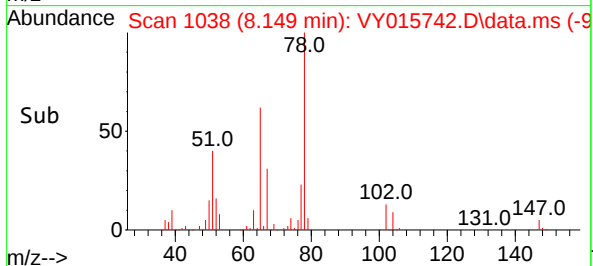
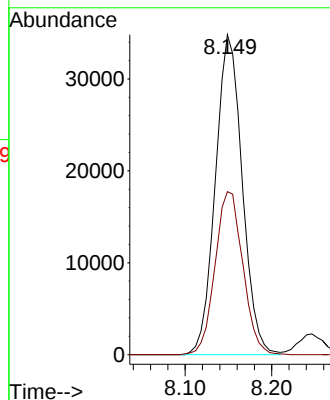
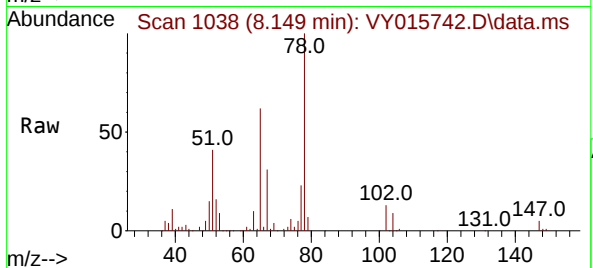
67 52.7 0.0 101.8

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: VY015742.D

Acq: 28 Sep 2023 10:53

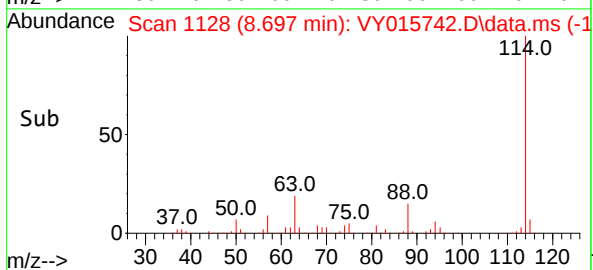
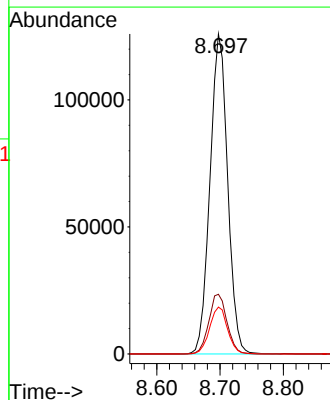
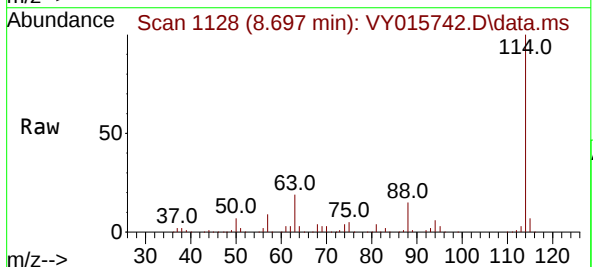
Tgt Ion:114 Resp: 244608

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

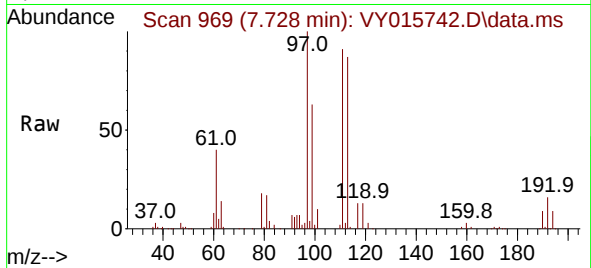
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

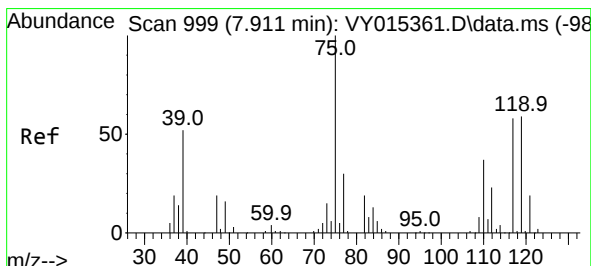
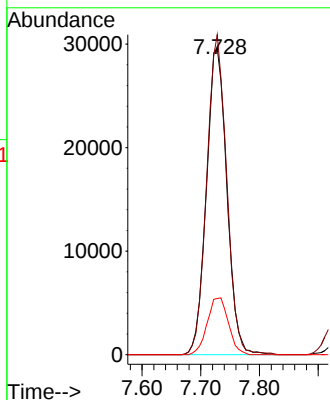
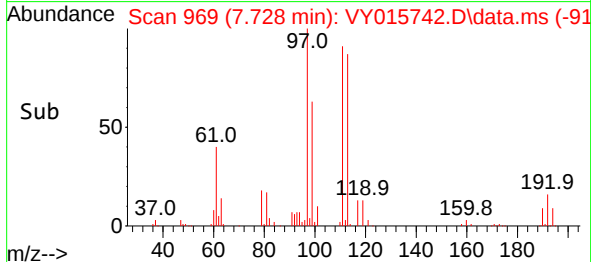
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



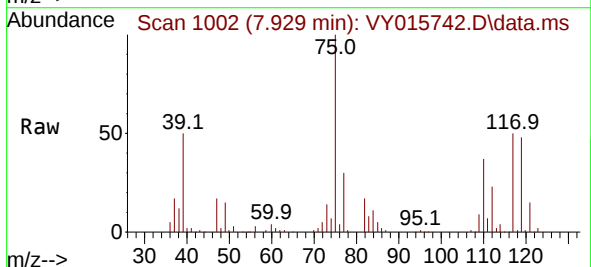
Tgt Ion:113 Resp: 7172
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3

Manual Integrations
APPROVED

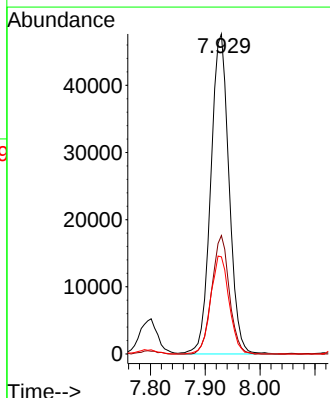
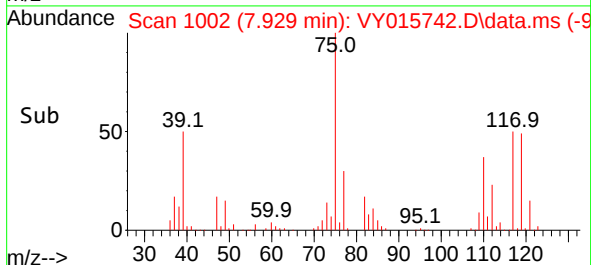
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

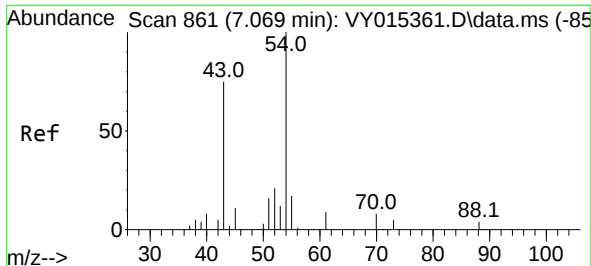


#36
1,1-Dichloropropene
Concen: 50.964 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 75 Resp: 110324
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 31.0 24.4 36.6





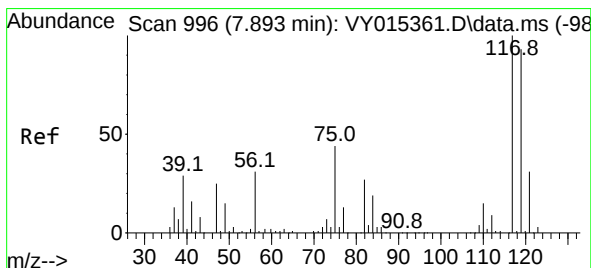
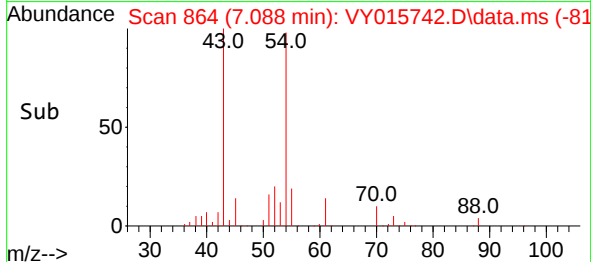
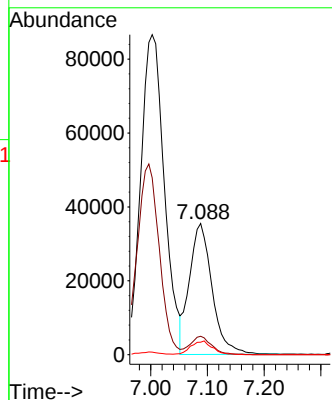
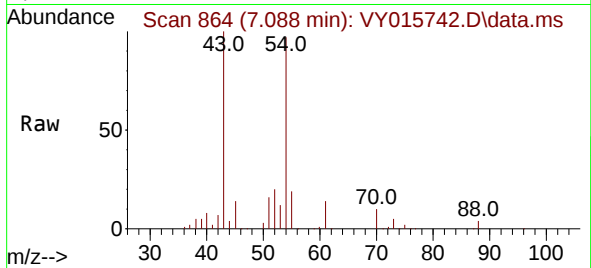
#37
Ethyl Acetate
Concen: 45.491 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.025 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 98225
Ion Ratio Lower Upper
43 100
61 13.5 10.1 15.1
70 10.0 7.1 10.7

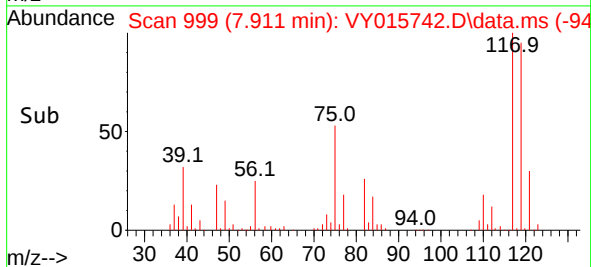
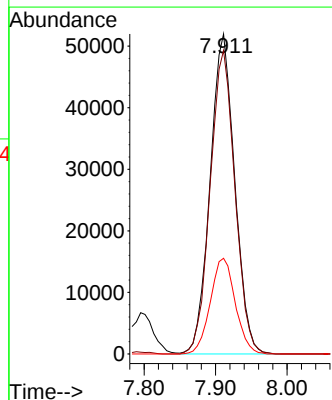
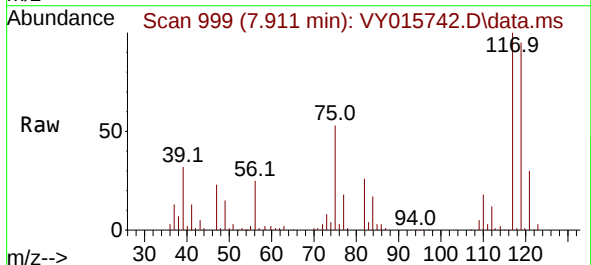
Manual Integrations
APPROVED

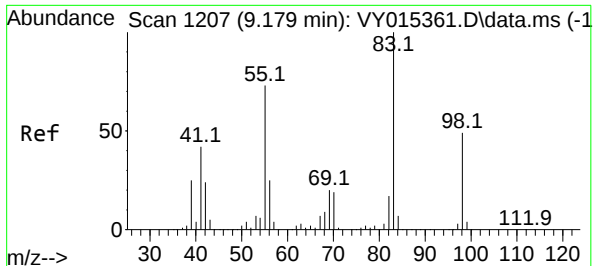
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#38
Carbon Tetrachloride
Concen: 52.882 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.018 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion:117 Resp: 124259
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 49.763 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 119149

Ion Ratio Lower Upper

83 100

55 73.2 63.0 94.4

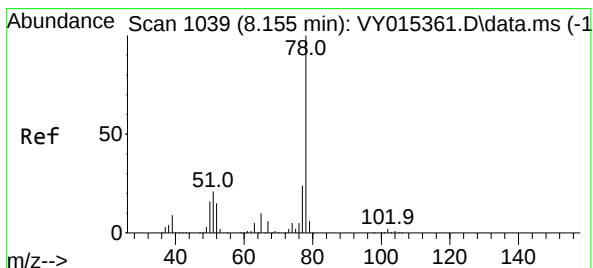
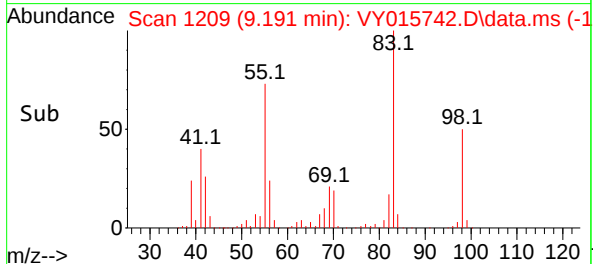
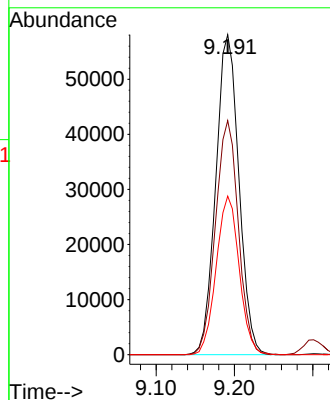
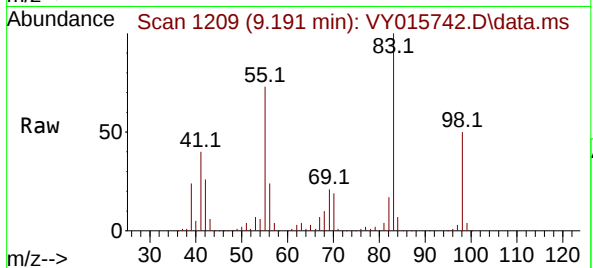
98 49.6 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#40

Benzene

Concen: 50.712 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015742.D

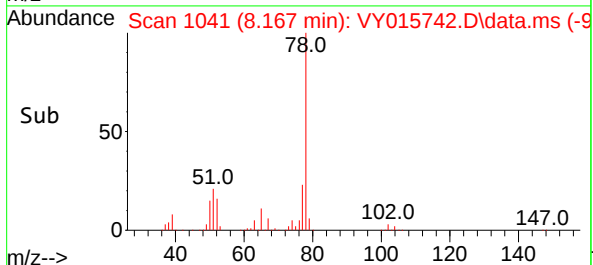
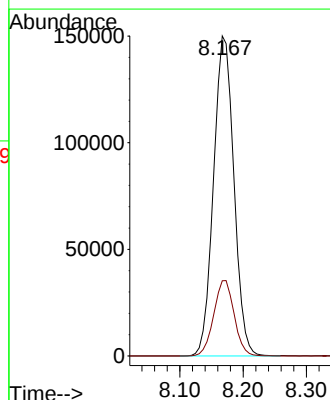
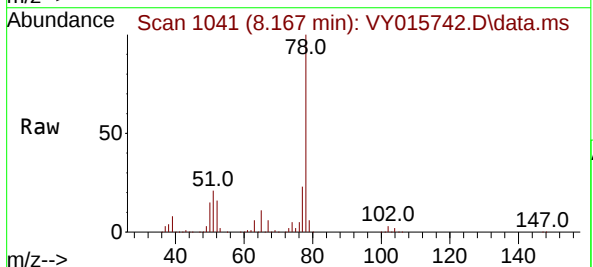
Acq: 28 Sep 2023 10:53

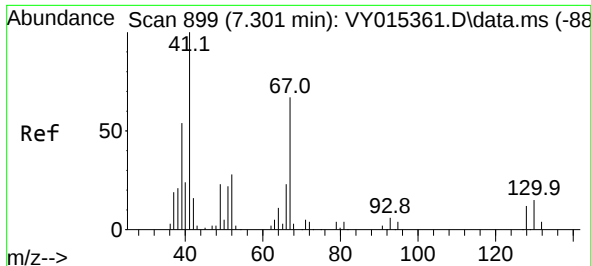
Tgt Ion: 78 Resp: 334777

Ion Ratio Lower Upper

78 100

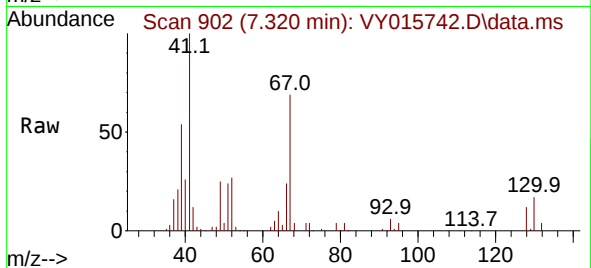
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 46.086 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

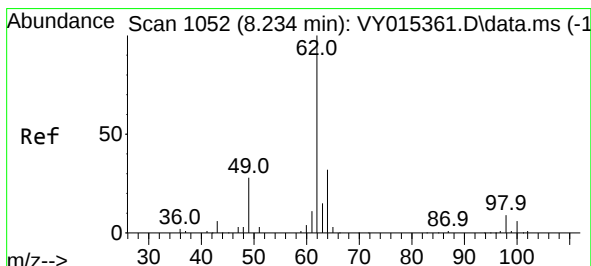
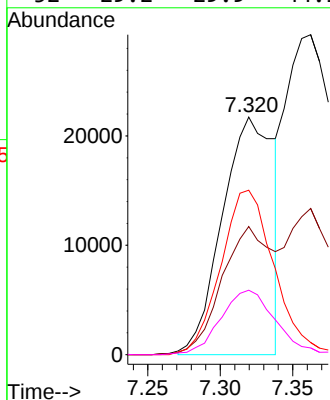
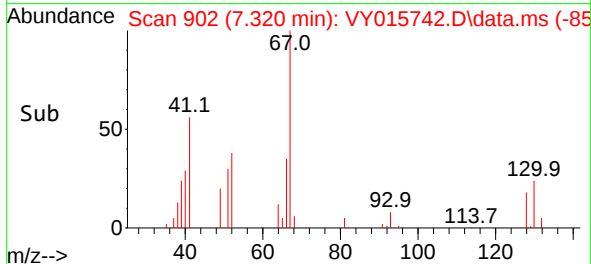
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 53580
Ion Ratio Lower Upper
41 100
39 52.6 52.1 78.1
67 72.3 66.2 99.2
52 29.2 29.9 44.9#

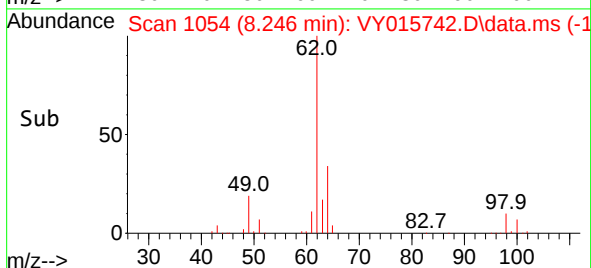
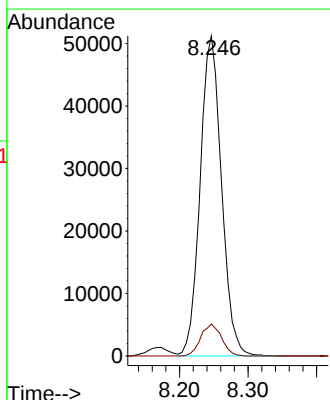
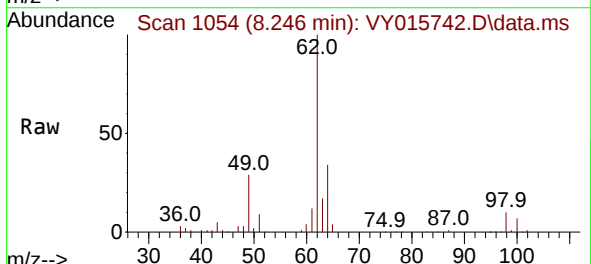
Manual Integrations
APPROVED

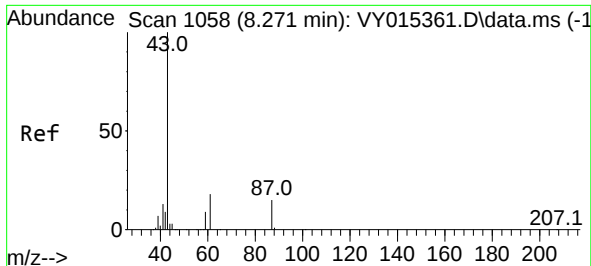
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#42
1,2-Dichloroethane
Concen: 49.113 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

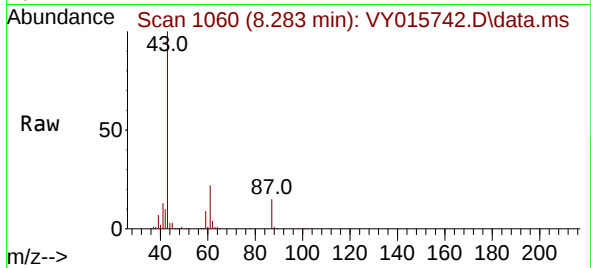
Tgt Ion: 62 Resp: 111038
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 46.234 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

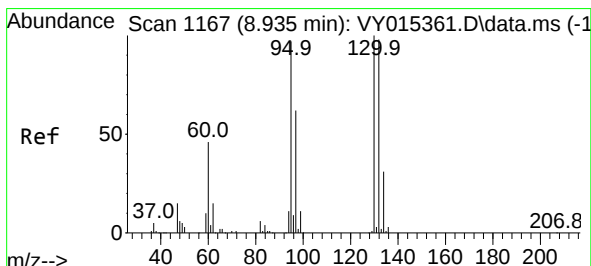
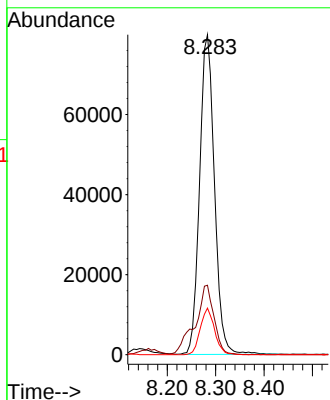
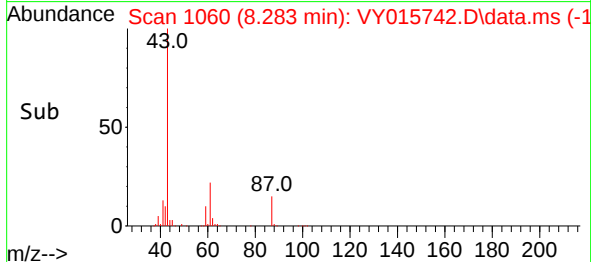
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 170528
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 14.0 9.8 14.8

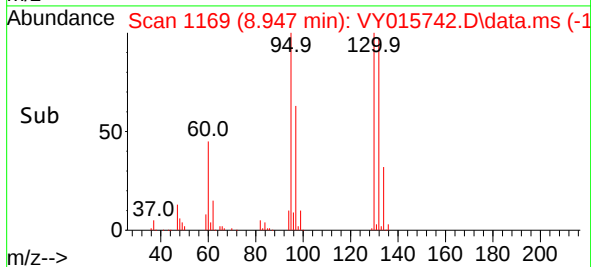
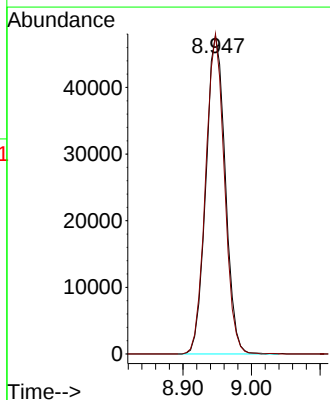
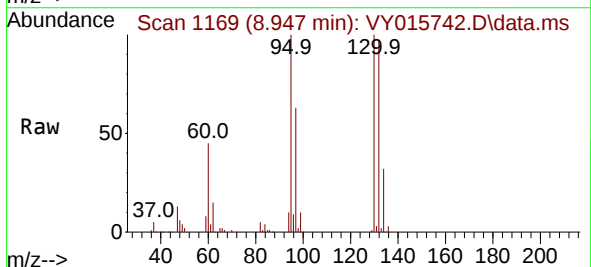
Manual Integrations
APPROVED

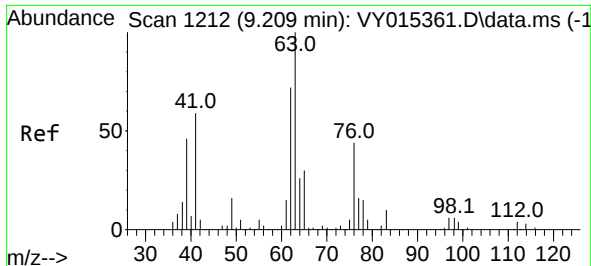
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#44
Trichloroethene
Concen: 50.840 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion:130 Resp: 93738
Ion Ratio Lower Upper
130 100
95 100.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.030 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 93944

Ion Ratio Lower Upper

63 100

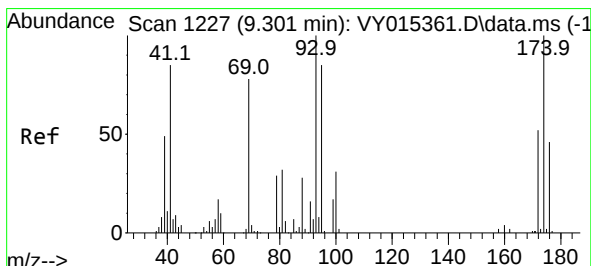
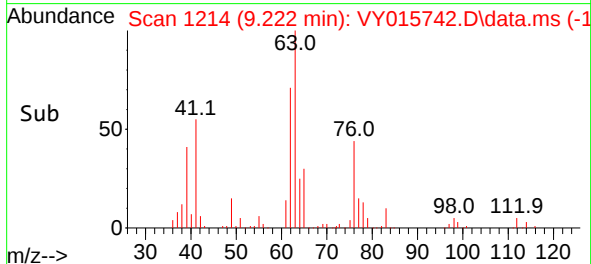
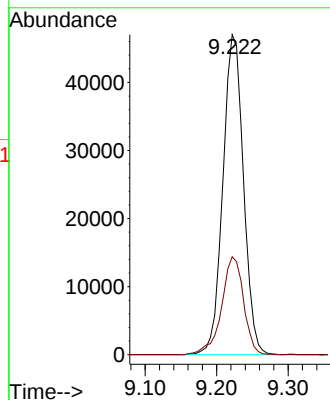
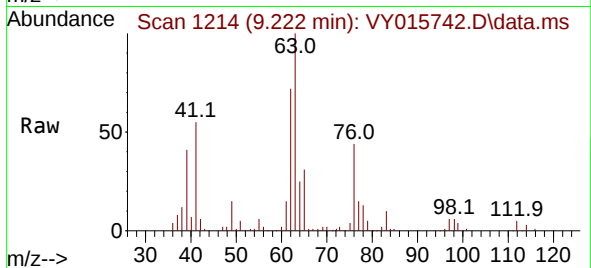
65 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#46

Dibromomethane

Concen: 48.647 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

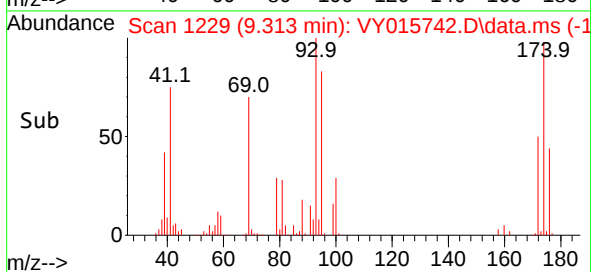
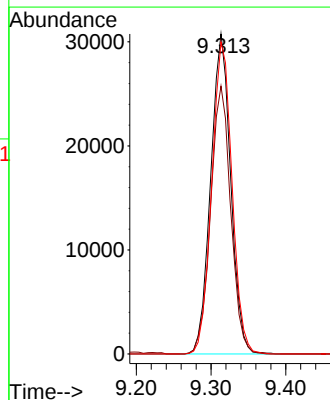
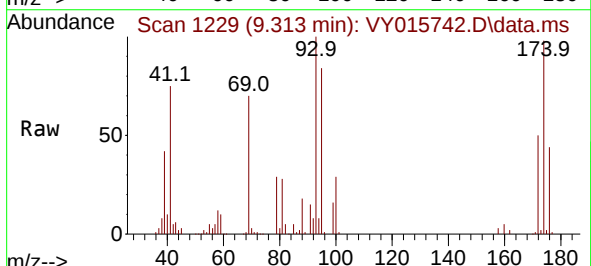
Tgt Ion: 93 Resp: 57287

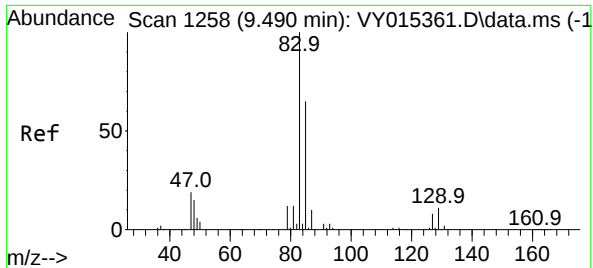
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 99.0 84.8 127.2





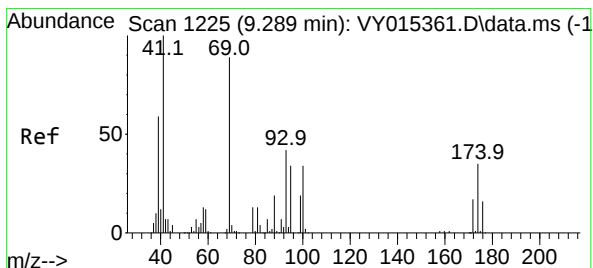
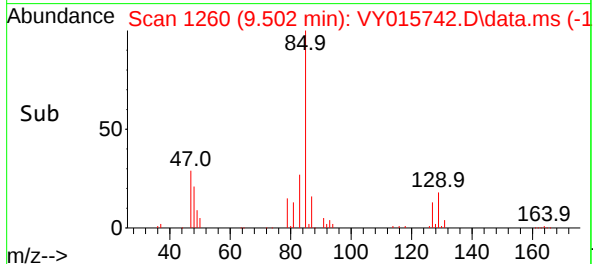
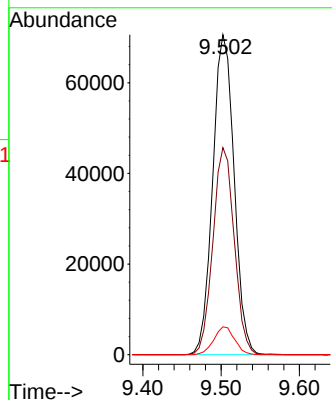
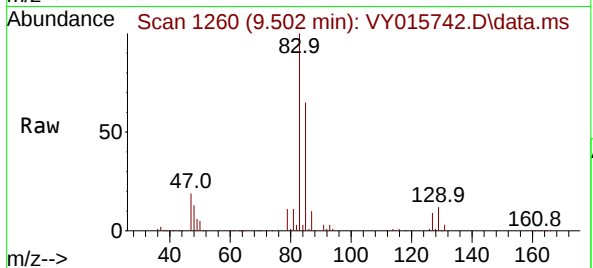
#47
Bromodichloromethane
Concen: 51.085 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13409
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.7 7.1 10.7

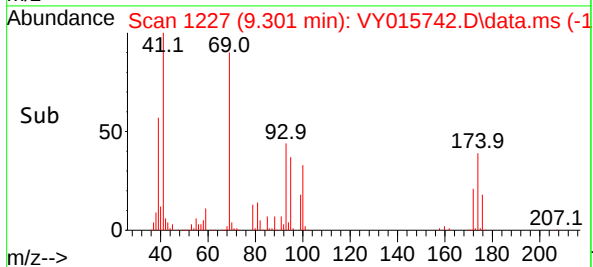
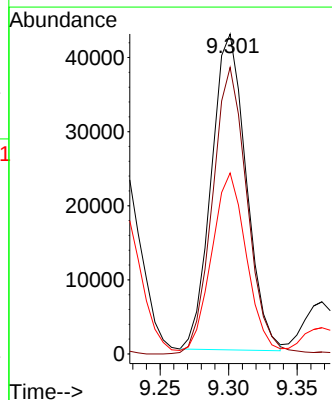
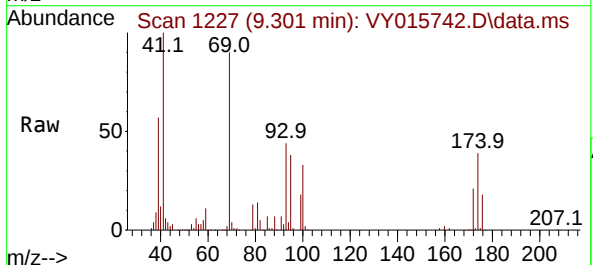
Manual Integrations
APPROVED

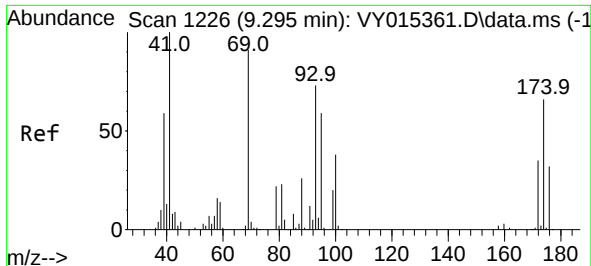
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#48
Methyl methacrylate
Concen: 46.609 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 41 Resp: 75458
Ion Ratio Lower Upper
41 100
69 90.9 64.5 96.7
39 57.5 50.8 76.2





#49

1,4-Dioxane

Concen: 892.260 ug/l

RT: 9.319 min Scan# 1226

Delta R.T. 0.030 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2075

Ion Ratio Lower Upper

88 100

43 21.0 0.0 0.0

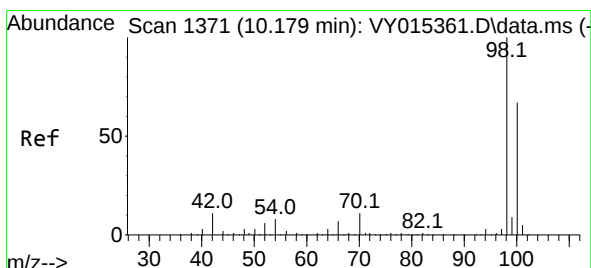
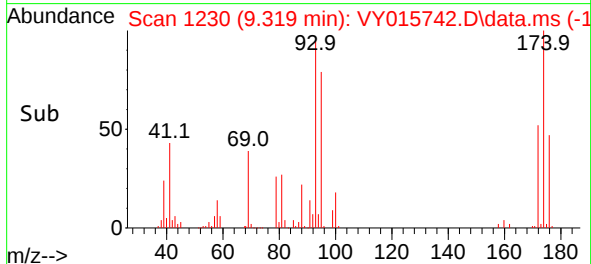
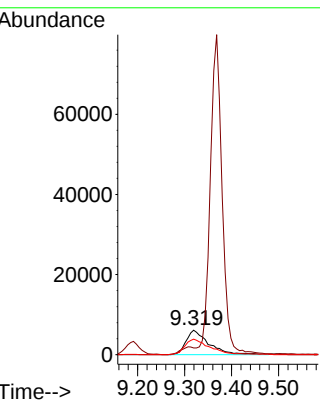
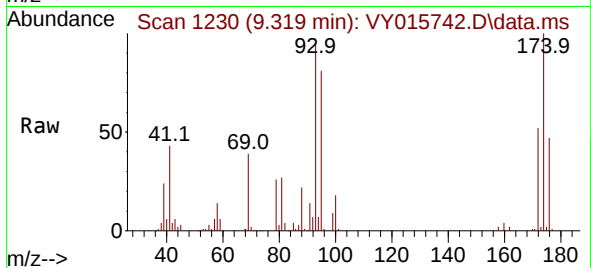
58 70.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#50

Toluene-d8

Concen: 51.190 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015742.D

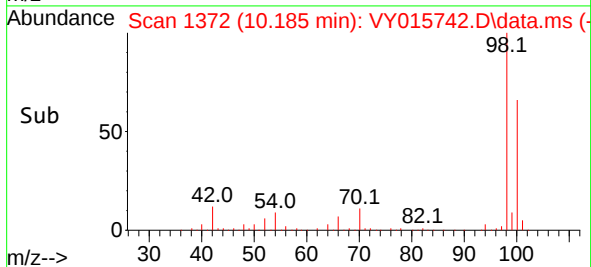
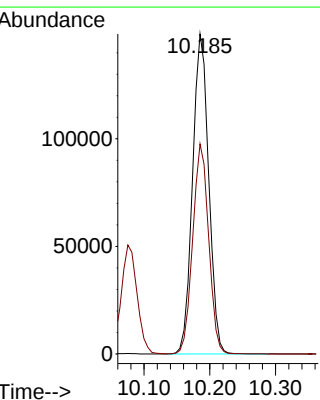
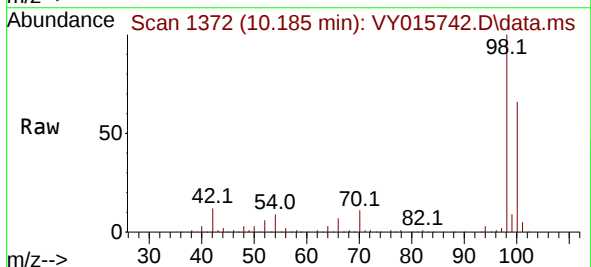
Acq: 28 Sep 2023 10:53

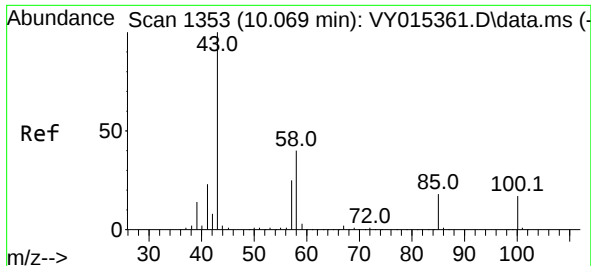
Tgt Ion: 98 Resp: 254113

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1





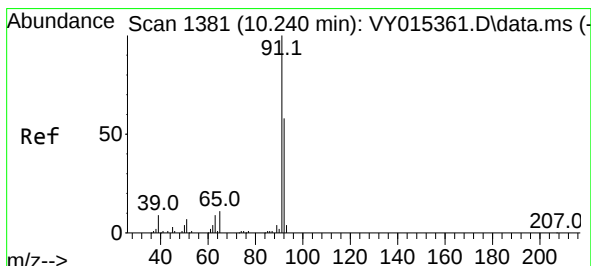
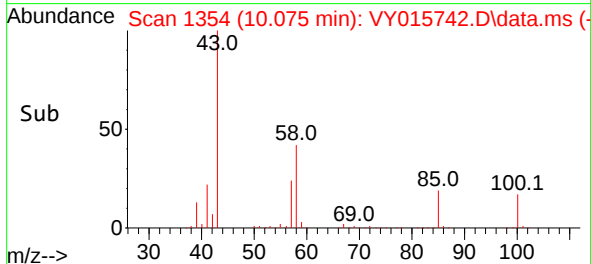
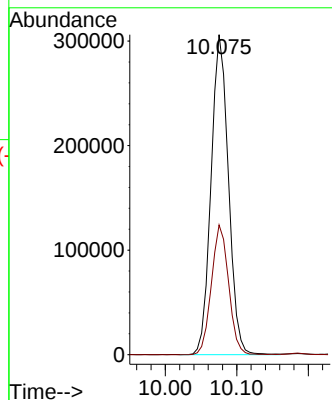
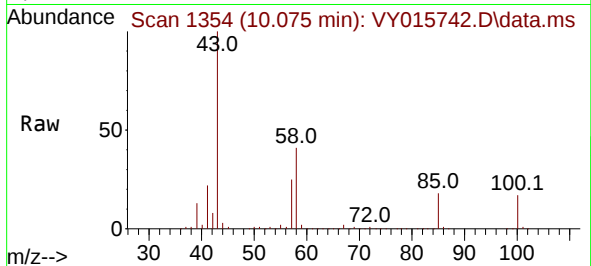
#51
4-Methyl-2-Pentanone
Concen: 225.779 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51615
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

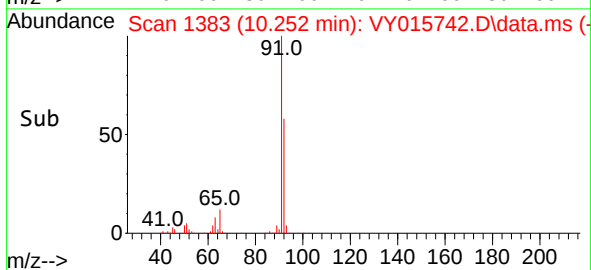
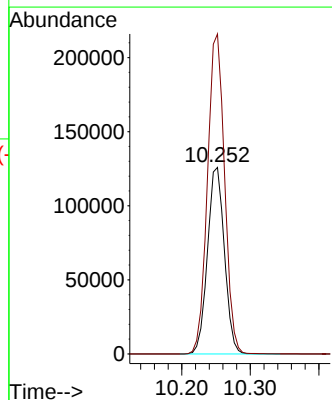
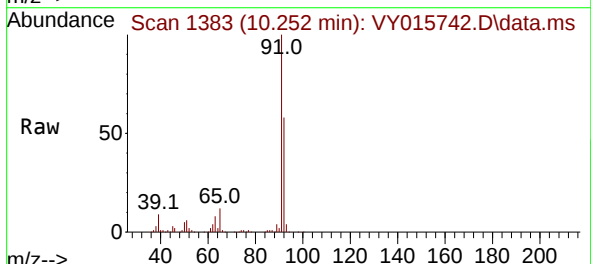
Manual Integrations
APPROVED

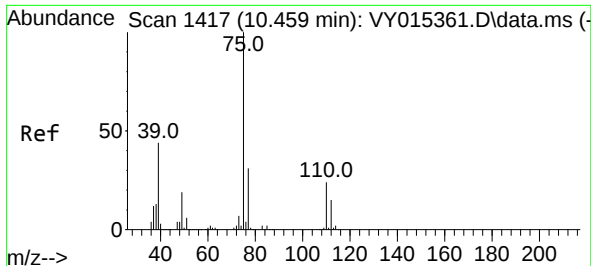
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#52
Toluene
Concen: 50.937 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 92 Resp: 216782
Ion Ratio Lower Upper
92 100
91 173.1 143.8 215.6





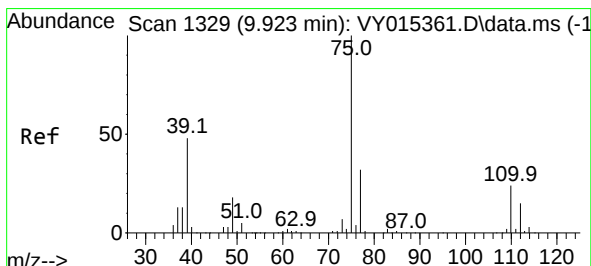
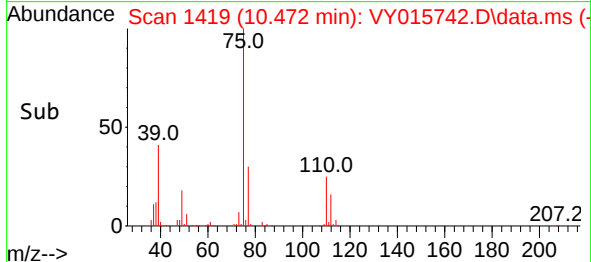
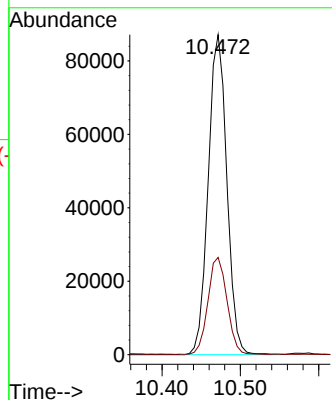
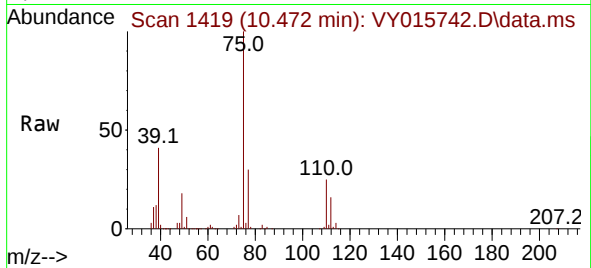
#53
t-1,3-Dichloropropene
Concen: 51.101 ug/l
RT: 10.472 min Scan# 1417
Delta R.T. 0.013 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 143838
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4

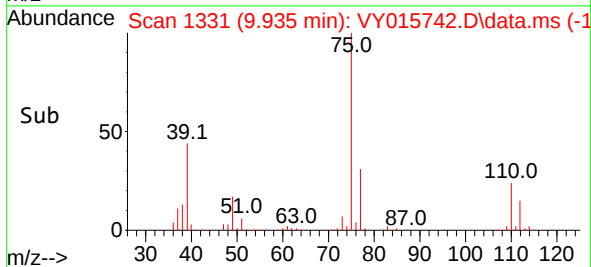
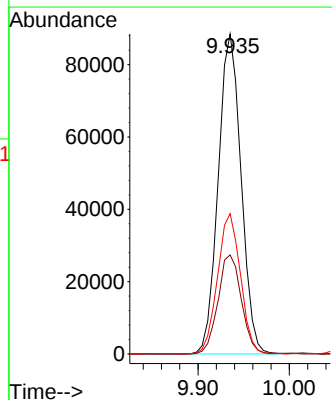
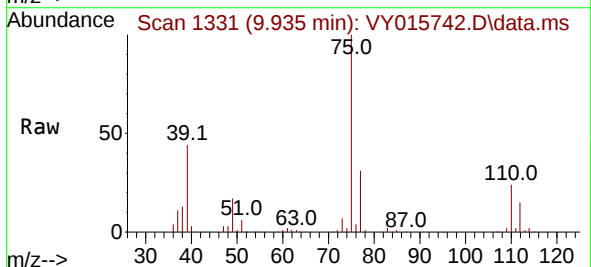
Manual Integrations
APPROVED

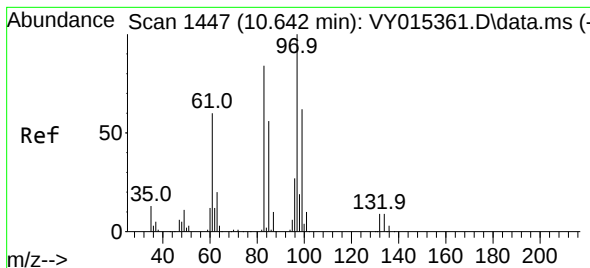
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#54
cis-1,3-Dichloropropene
Concen: 50.806 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

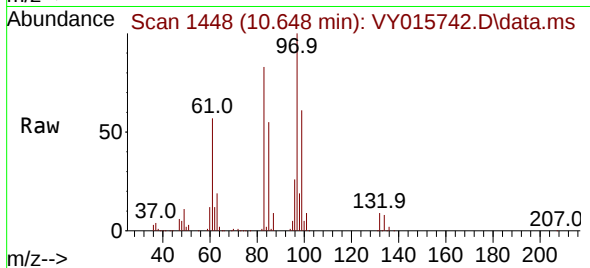
Tgt Ion: 75 Resp: 153936
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.4
39 43.9 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 50.178 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

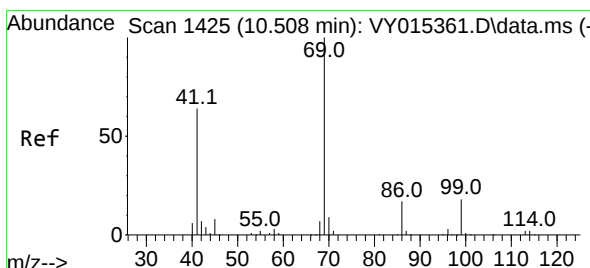
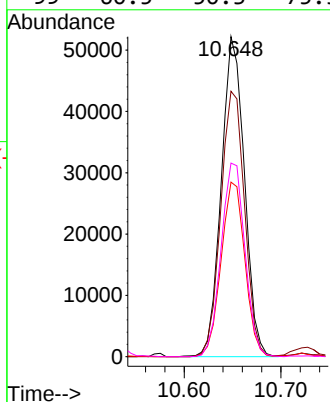
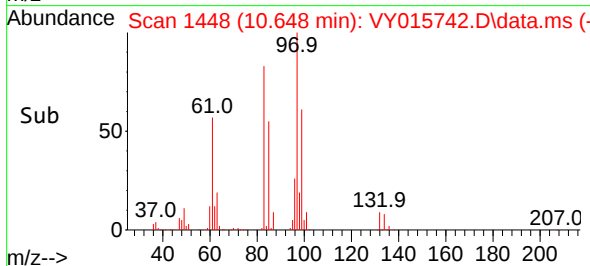
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



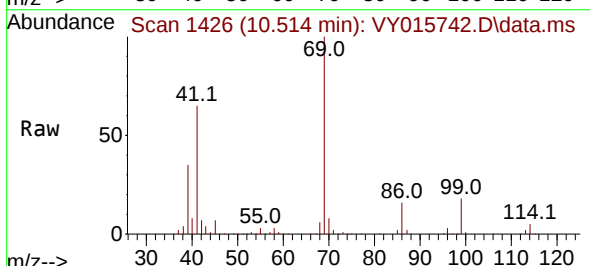
Tgt Ion: 97 Resp: 86594
Ion Ratio Lower Upper
97 100
83 83.0 72.0 108.0
85 54.5 45.4 68.0
99 60.5 50.3 75.5

Manual Integrations
APPROVED

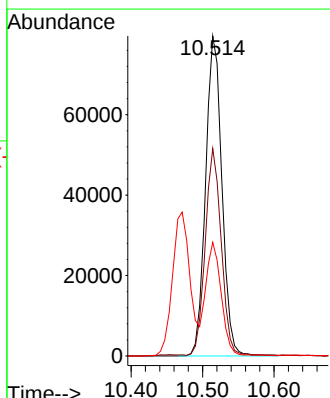
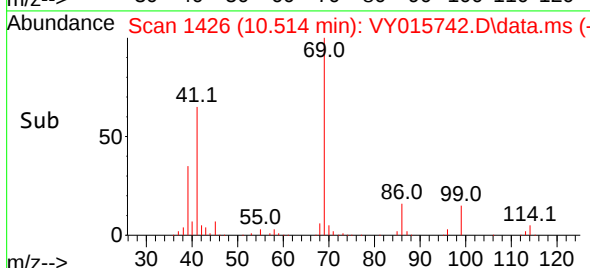
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

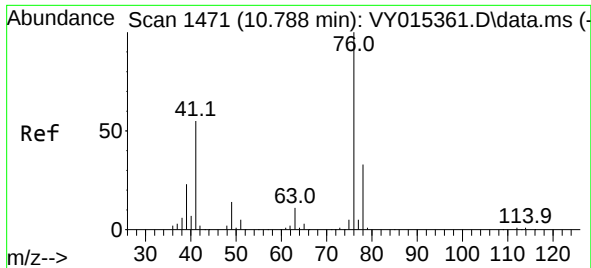


#56
Ethyl methacrylate
Concen: 49.577 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 69 Resp: 126084
Ion Ratio Lower Upper
69 100
41 63.1 57.6 86.4
39 33.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 49.402 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14297

Ion Ratio Lower Upper

76 100

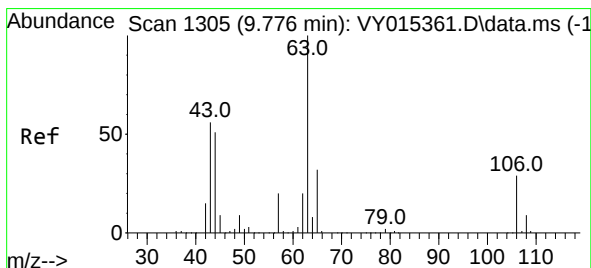
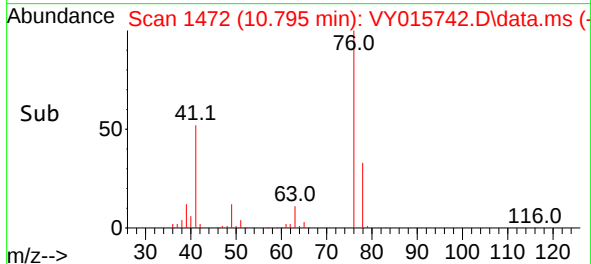
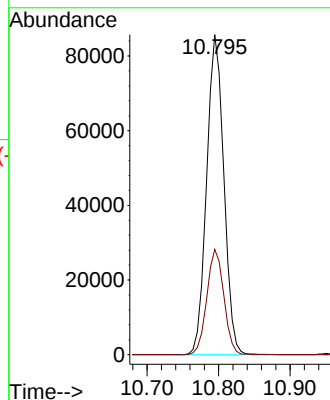
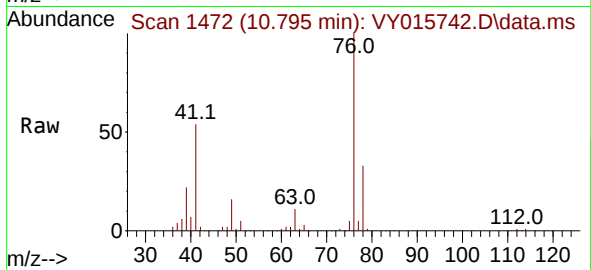
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 194.553 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015742.D

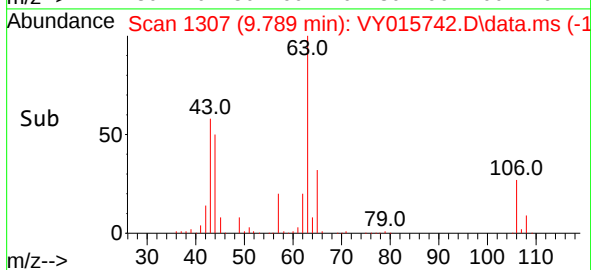
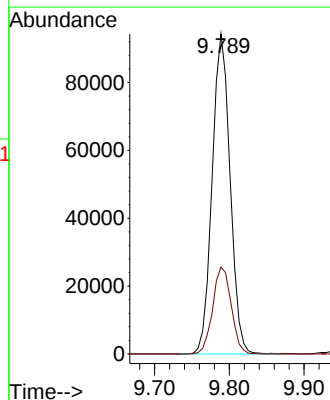
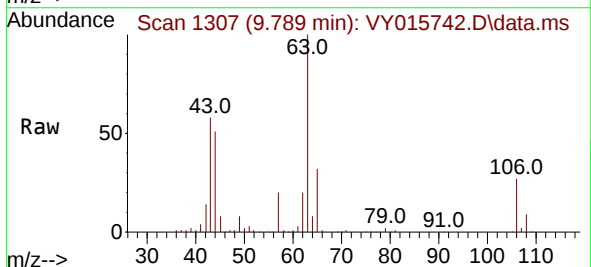
Acq: 28 Sep 2023 10:53

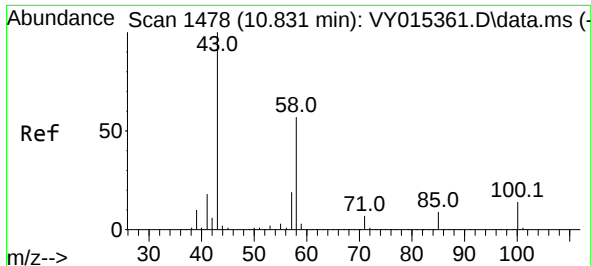
Tgt Ion: 63 Resp: 157167

Ion Ratio Lower Upper

63 100

106 28.0 21.2 31.8





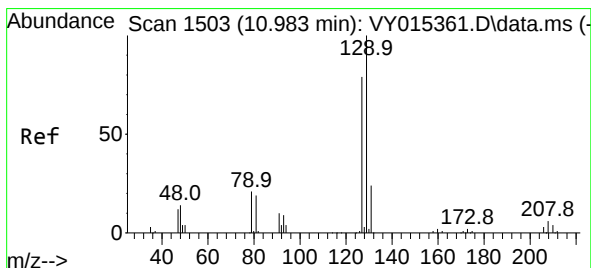
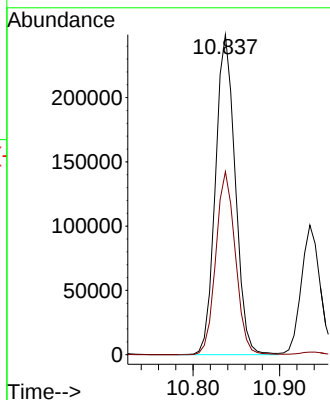
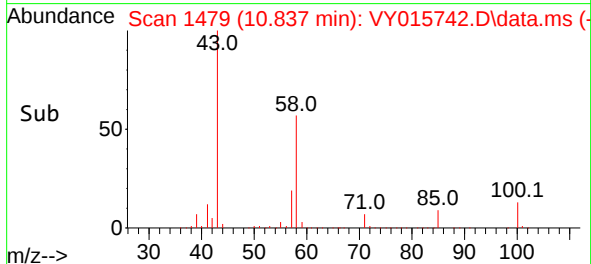
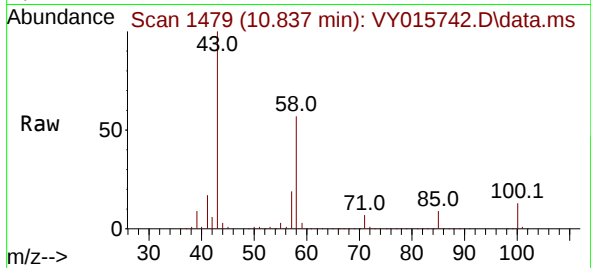
#59
2-Hexanone
Concen: 225.058 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 39473
Ion Ratio Lower Upper
43 100
58 56.5 25.1 75.3

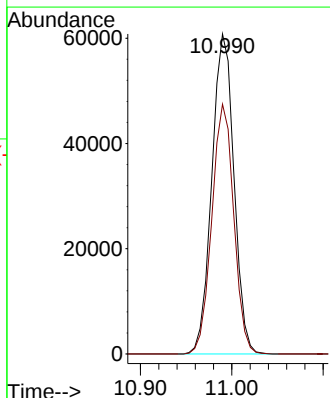
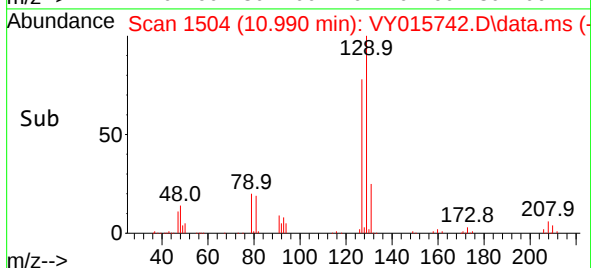
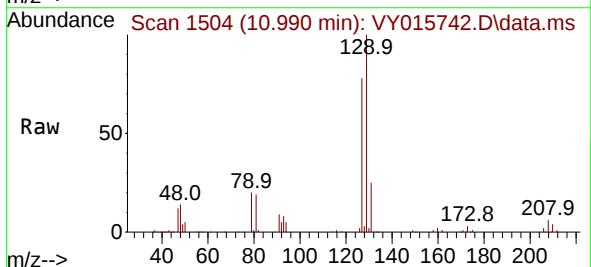
Manual Integrations
APPROVED

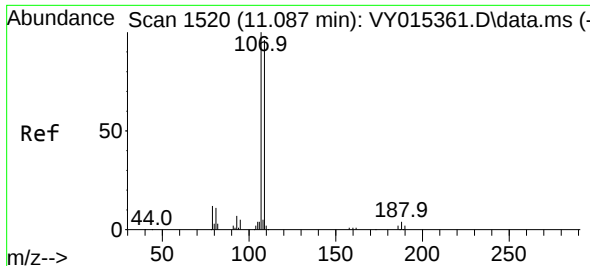
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#60
Dibromochloromethane
Concen: 50.713 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion:129 Resp: 102162
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





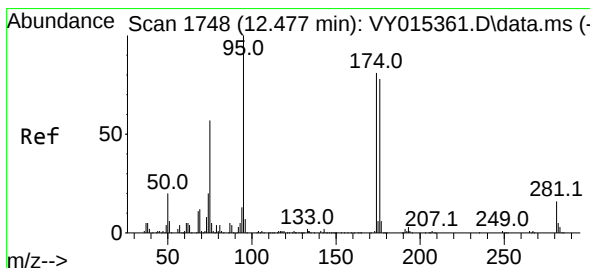
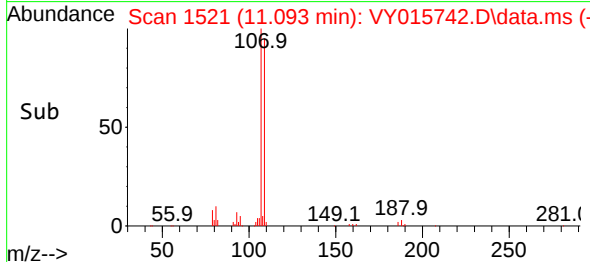
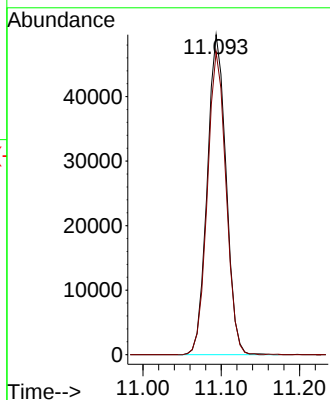
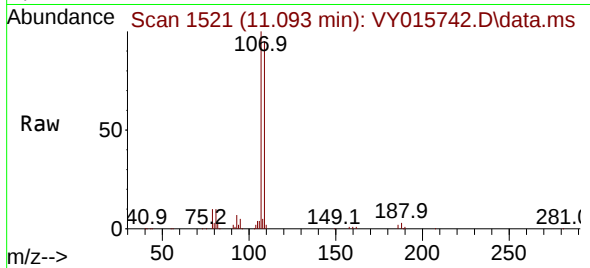
#61
1,2-Dibromoethane
Concen: 48.955 ug/l
RT: 11.093 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 82650
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

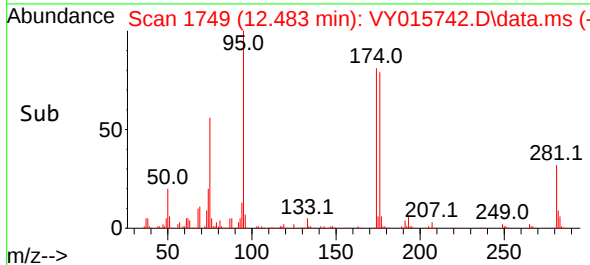
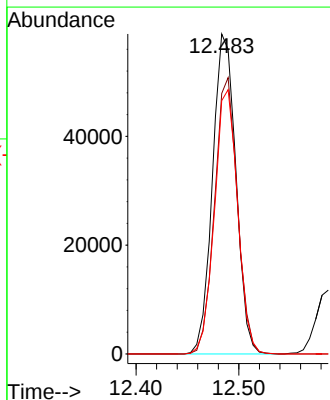
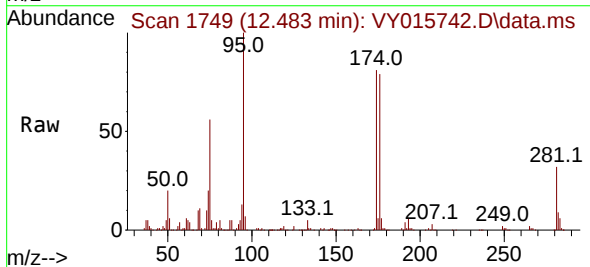
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 47.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 95 Resp: 92708
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 22036

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

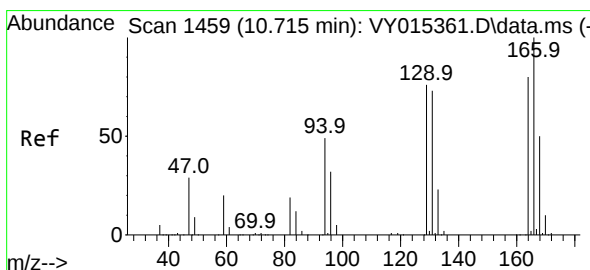
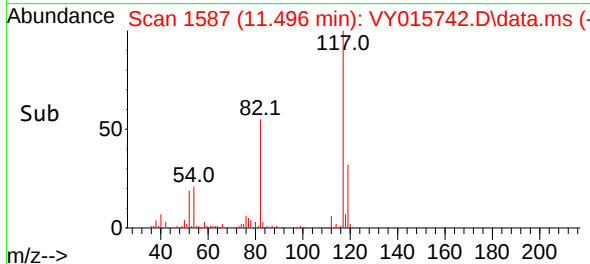
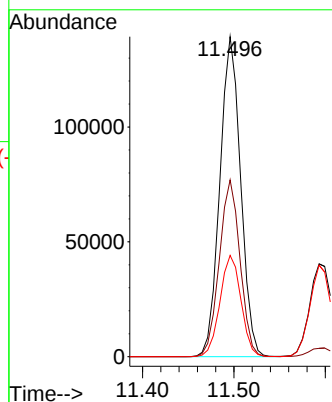
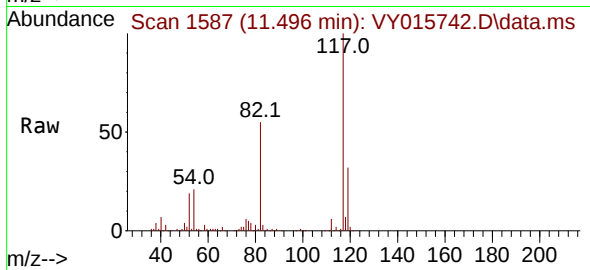
119 31.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#64

Tetrachloroethene

Concen: 51.390 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.013 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Tgt Ion:164 Resp: 97163

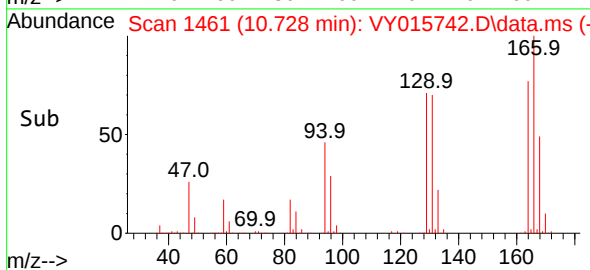
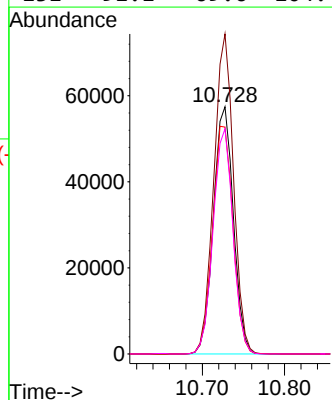
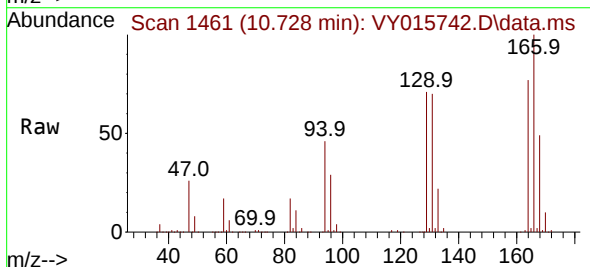
Ion Ratio Lower Upper

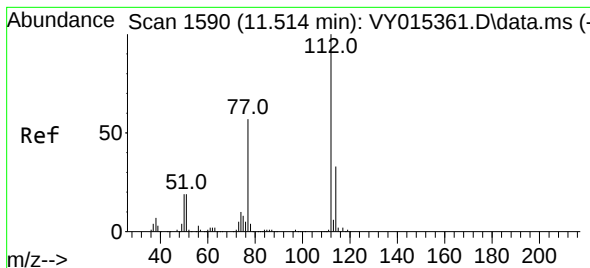
164 100

166 129.5 103.0 154.6

129 91.8 77.2 115.8

131 91.1 69.6 104.4





#65

Chlorobenzene

Concen: 51.360 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 24705

Ion Ratio Lower Upper

112 100

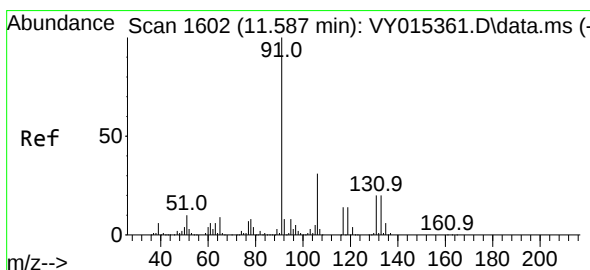
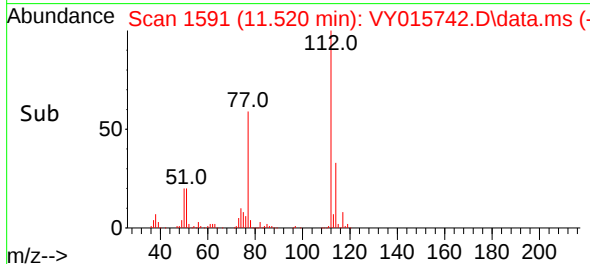
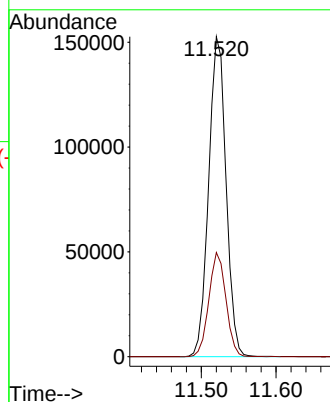
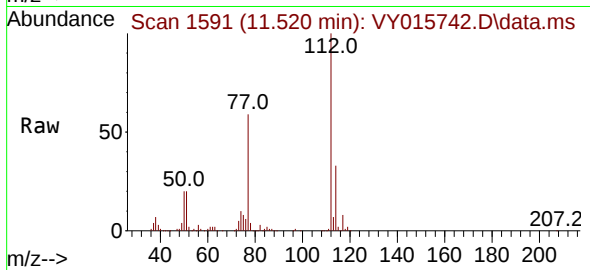
114 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 52.706 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

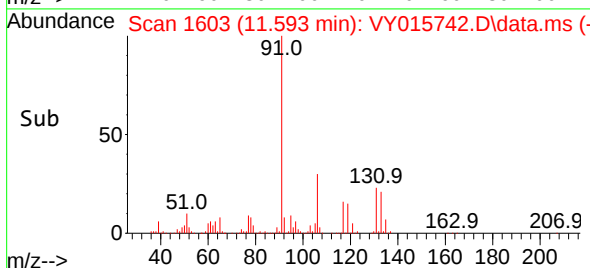
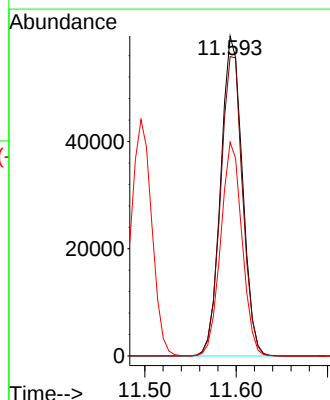
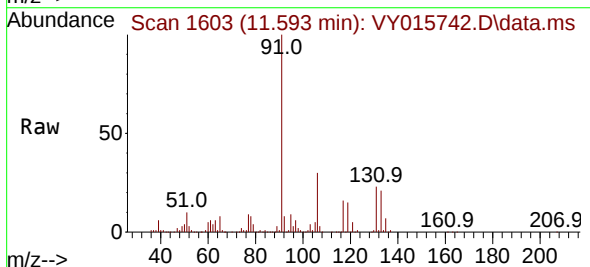
Tgt Ion:131 Resp: 98479

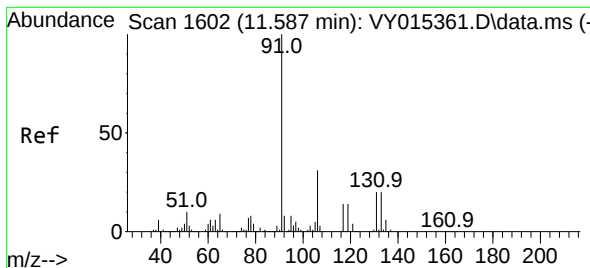
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 52.345 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 440099

Ion Ratio Lower Upper

91 100

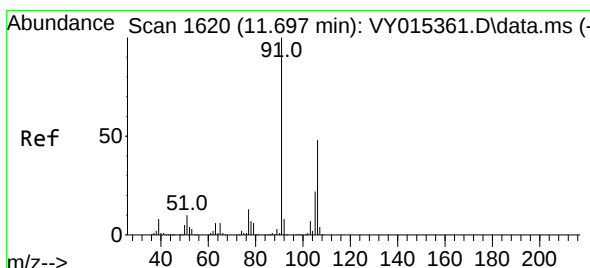
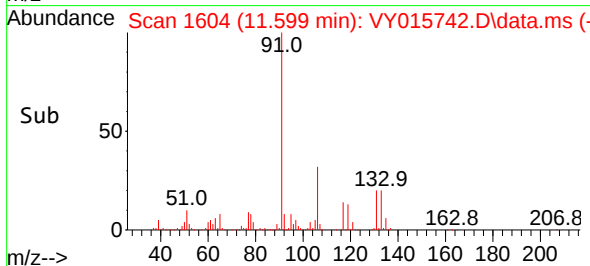
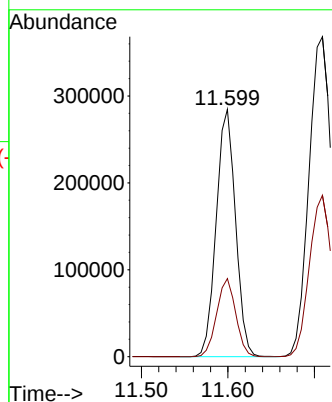
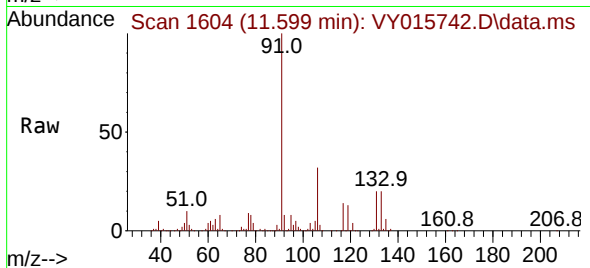
106 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#68

m/p-Xylenes

Concen: 105.163 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015742.D

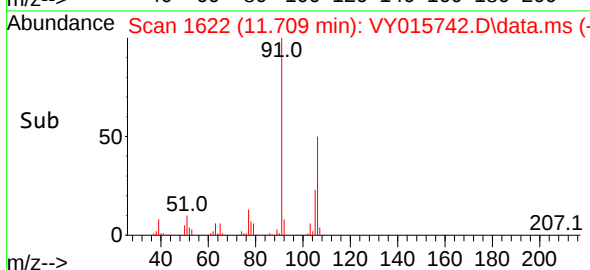
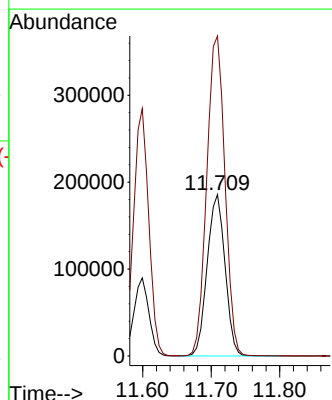
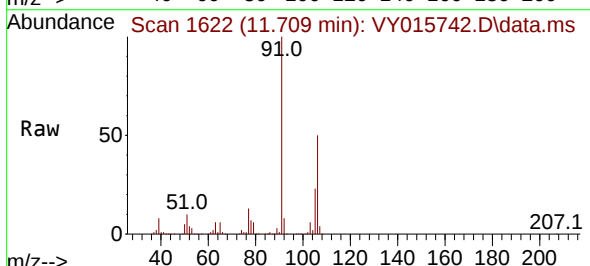
Acq: 28 Sep 2023 10:53

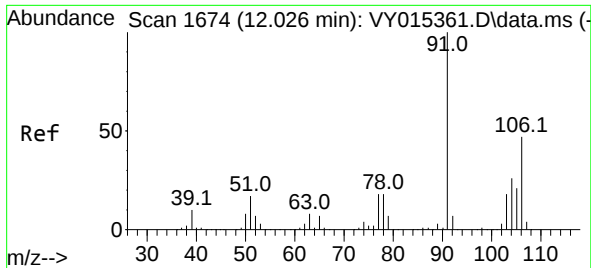
Tgt Ion:106 Resp: 336064

Ion Ratio Lower Upper

106 100

91 202.1 166.1 249.1





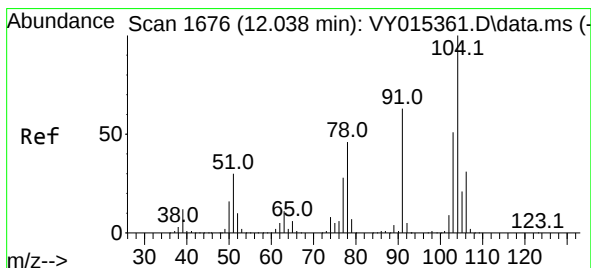
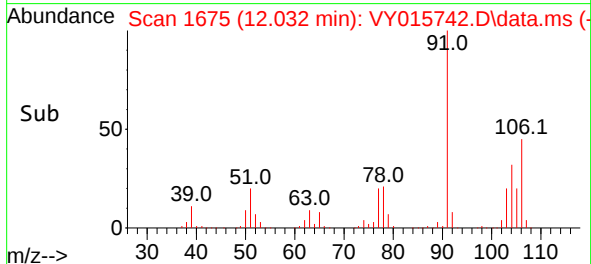
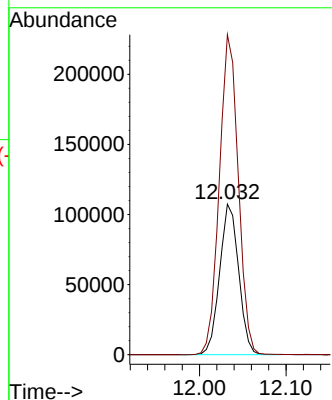
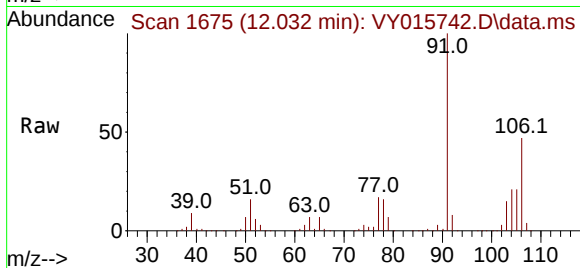
#69
o-Xylene
Concen: 52.275 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 163808
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3

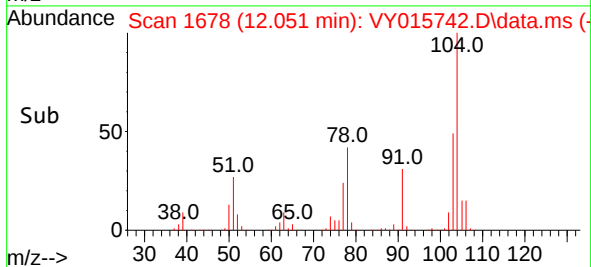
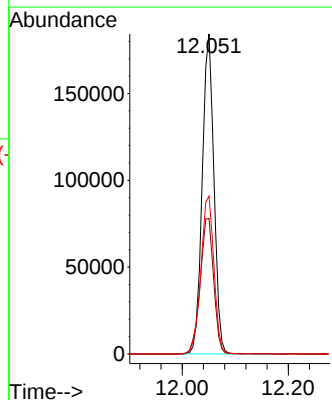
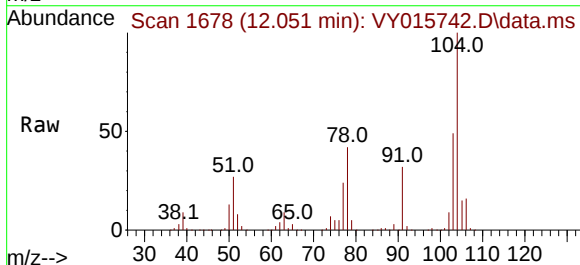
Manual Integrations
APPROVED

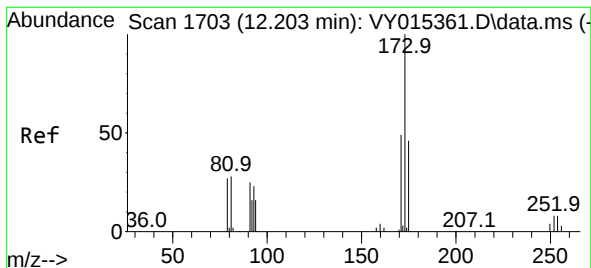
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#70
Styrene
Concen: 52.748 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion:104 Resp: 282928
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 51.668 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

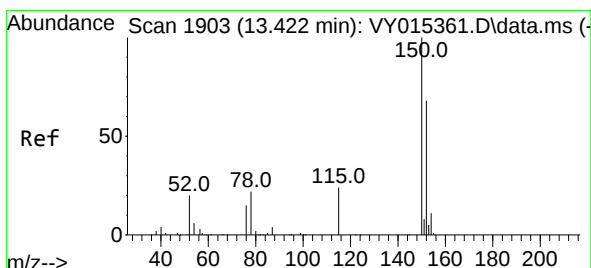
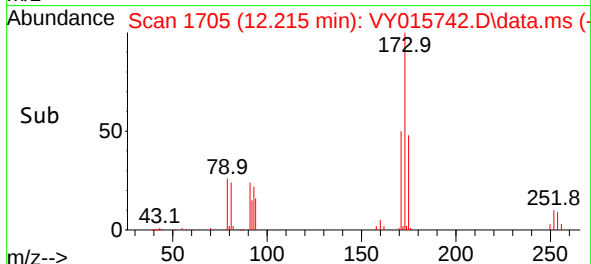
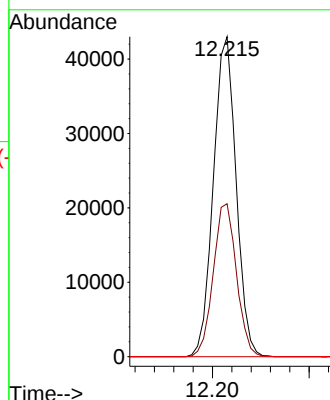
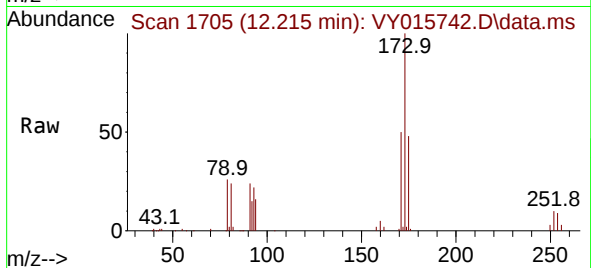
Tgt Ion:	173	Resp:	6995
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.0	0.2	0.2

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

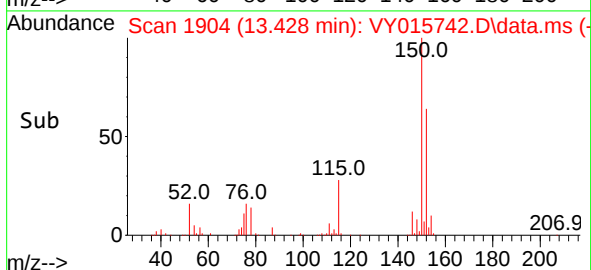
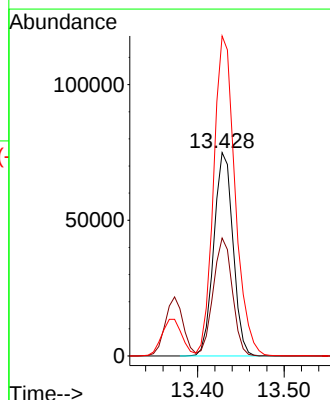
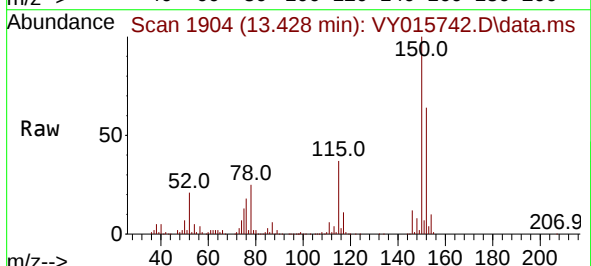
RT: 13.428 min Scan# 1904

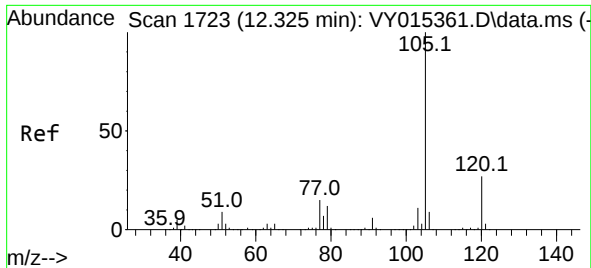
Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

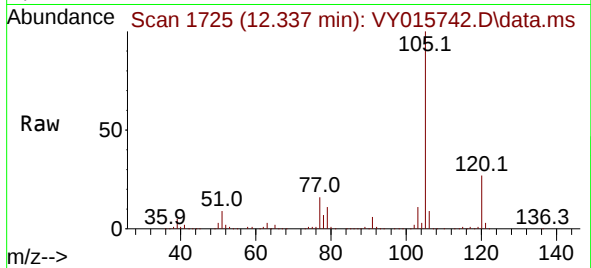
Tgt Ion:	152	Resp:	115348
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.8	86.5
150	175.6	0.0	348.8





#73
Isopropylbenzene
Concen: 50.833 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

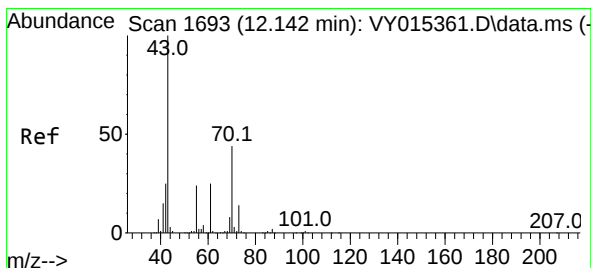
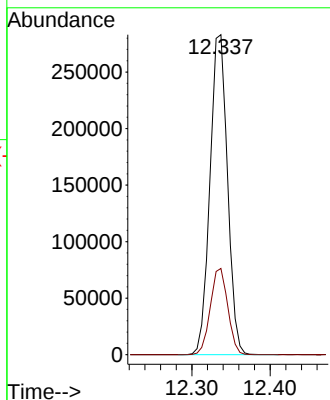
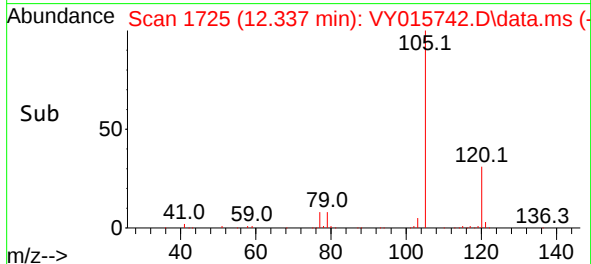
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



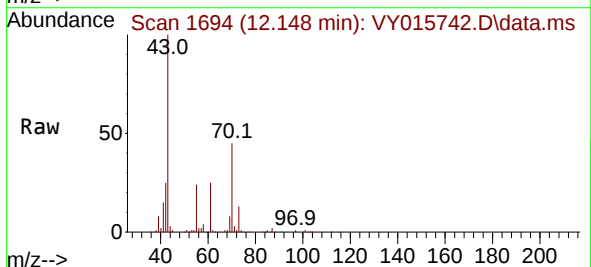
Tgt Ion:105 Resp: 439859
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

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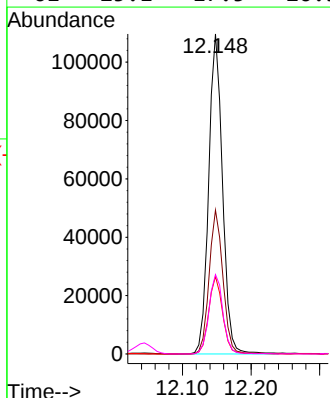
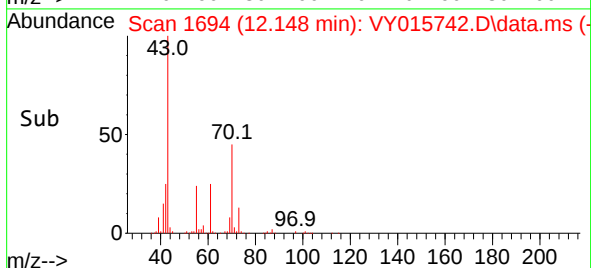
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

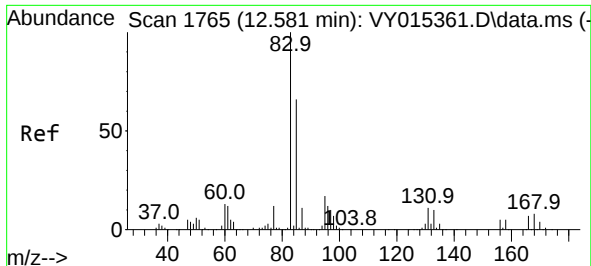


#74
N-ethyl acetate
Concen: 47.369 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 43 Resp: 154057
Ion Ratio Lower Upper
43 100
70 44.7 29.7 44.5#
55 24.4 18.3 27.5
61 25.1 17.5 26.3





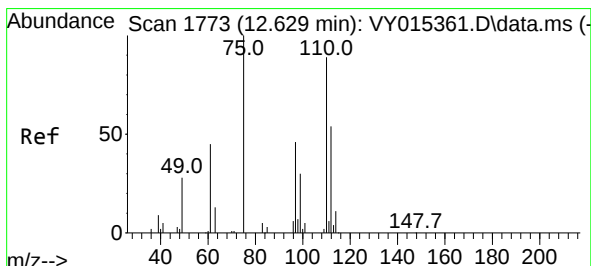
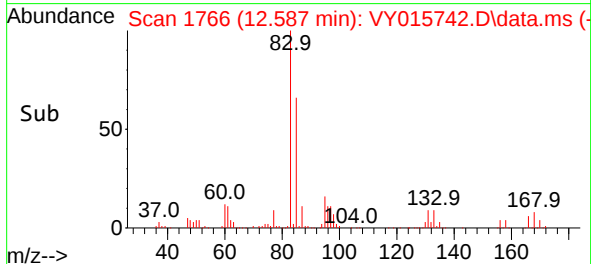
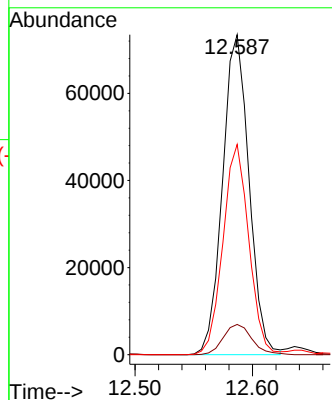
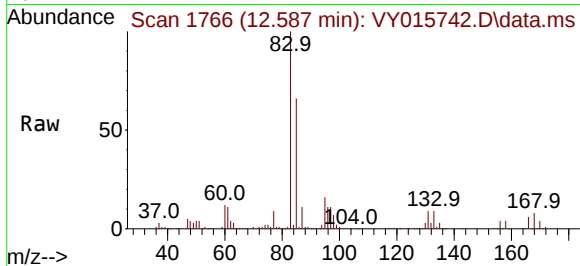
#75
1,1,2,2-Tetrachloroethane
Concen: 47.745 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114980
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.2 31.8 95.4

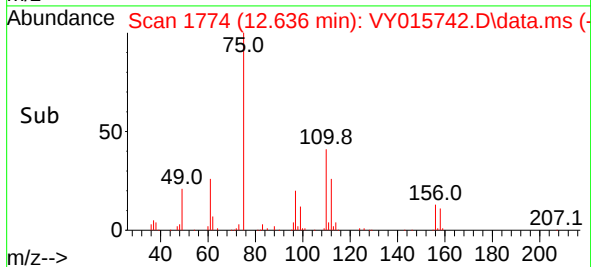
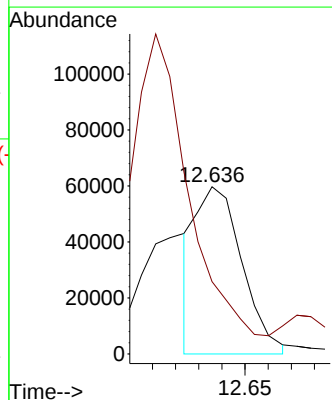
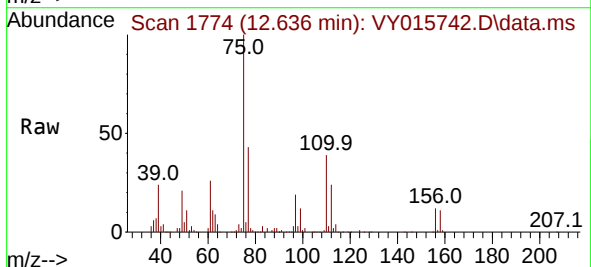
Manual Integrations
APPROVED

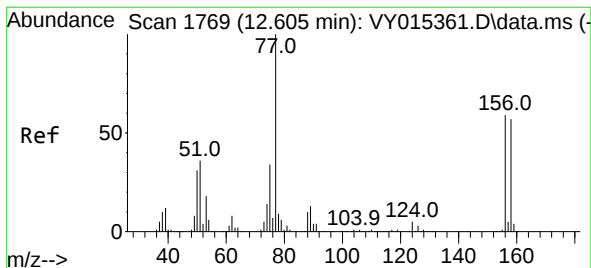
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#76
1,2,3-Trichloropropane
Concen: 45.332 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 75 Resp: 83419
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.648 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

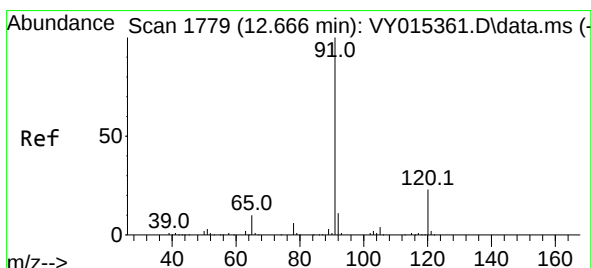
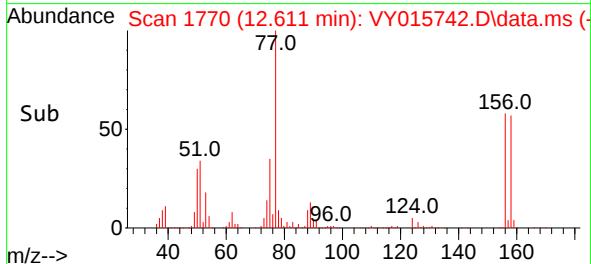
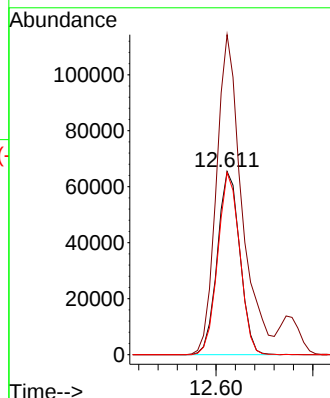
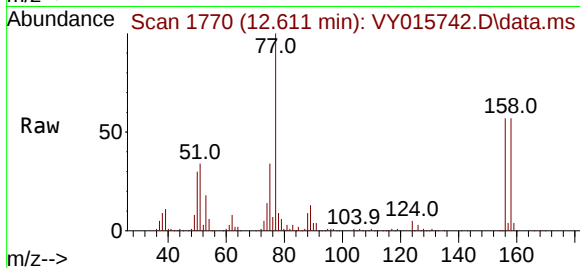
Tgt Ion:	156	Resp:	10545
Ion Ratio	Lower	Upper	
156	100		
77	197.8	92.8	278.6
158	97.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#78

n-propylbenzene

Concen: 51.290 ug/l

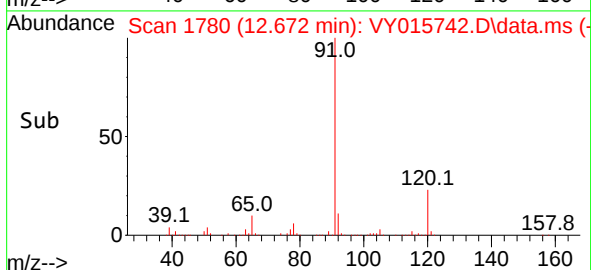
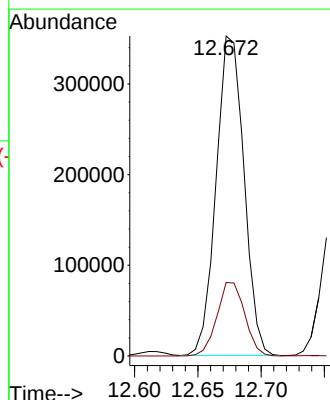
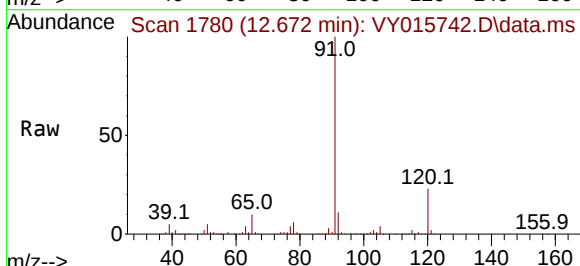
RT: 12.672 min Scan# 1780

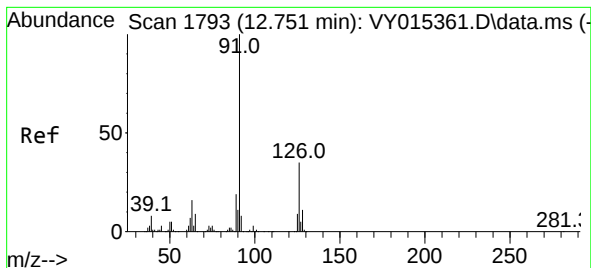
Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

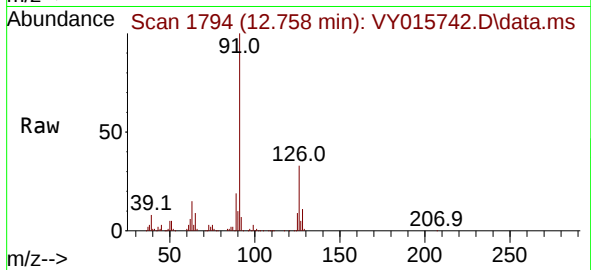
Tgt Ion:	91	Resp:	539174
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.576 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

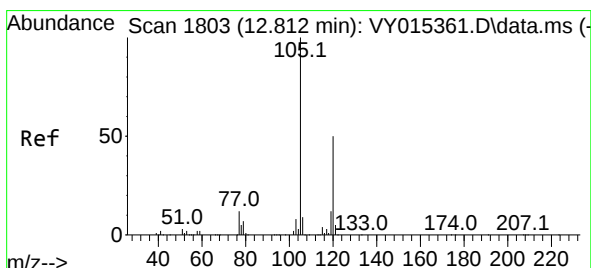
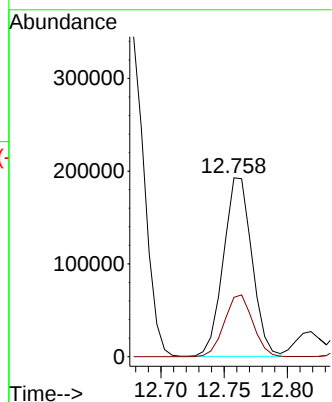
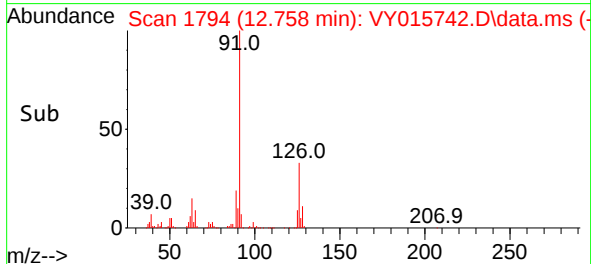
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 303062
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

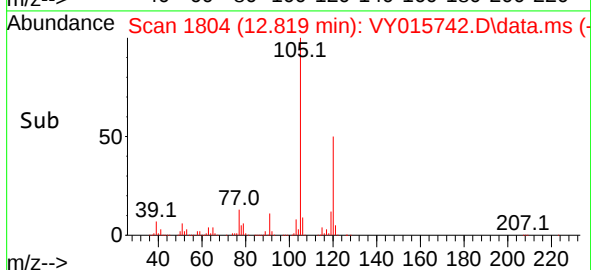
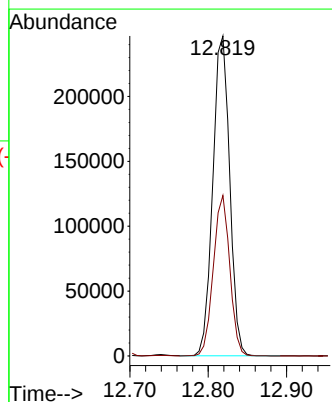
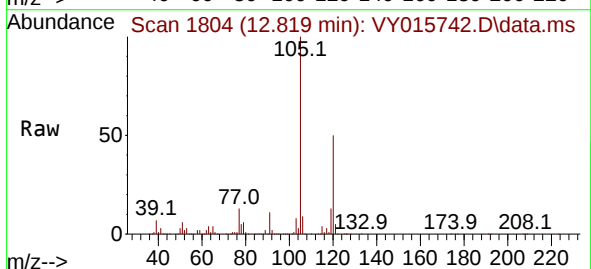
Manual Integrations
APPROVED

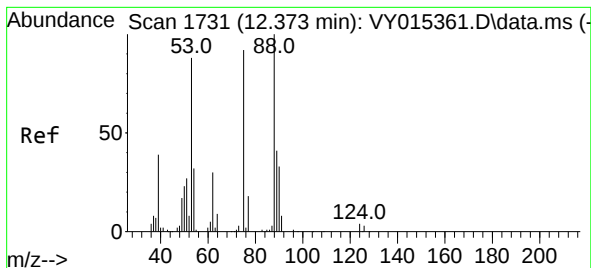
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.888 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion:105 Resp: 368635
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7





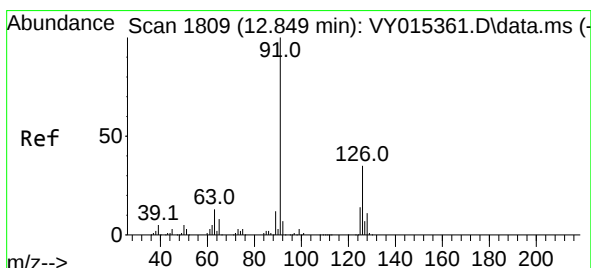
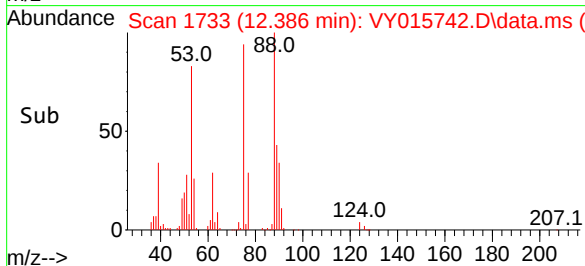
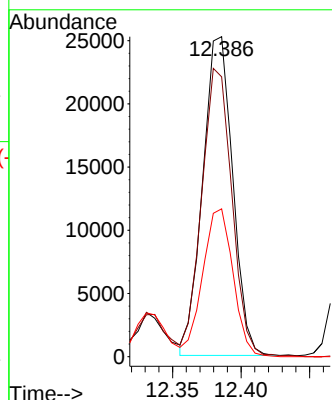
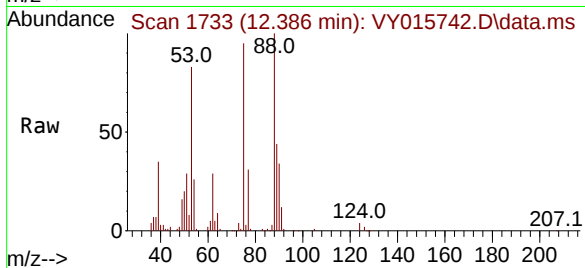
#81
trans-1,4-Dichloro-2-butene
Concen: 46.958 ug/l
RT: 12.386 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3837
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 47.0 37.4 56.0

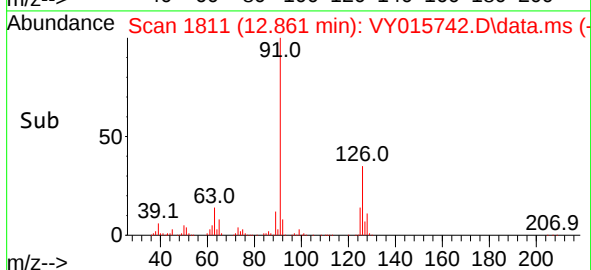
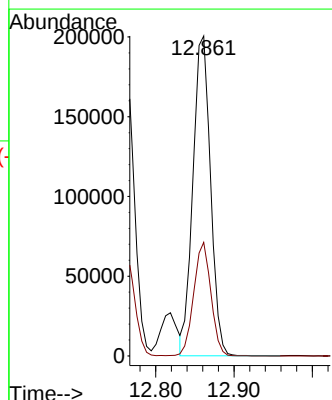
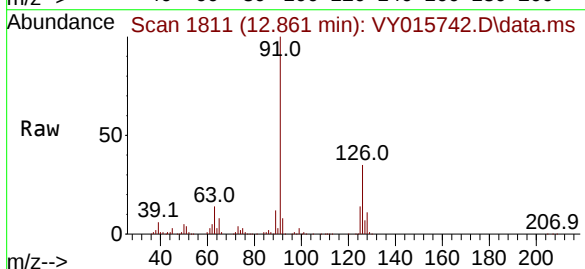
Manual Integrations
APPROVED

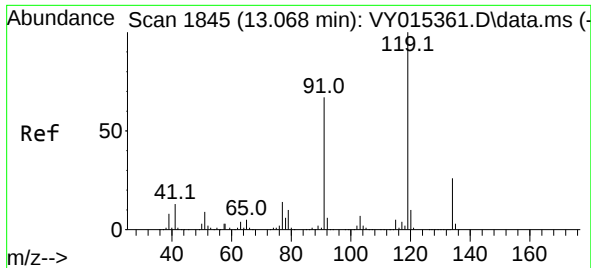
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#82
4-Chlorotoluene
Concen: 50.064 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

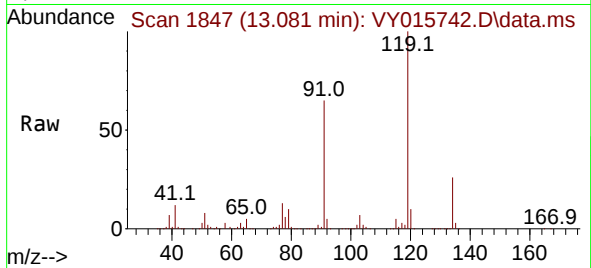
Tgt Ion: 91 Resp: 313175
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.665 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

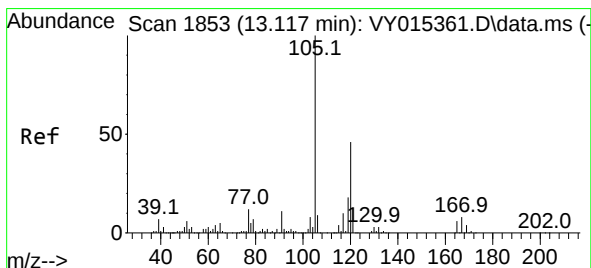
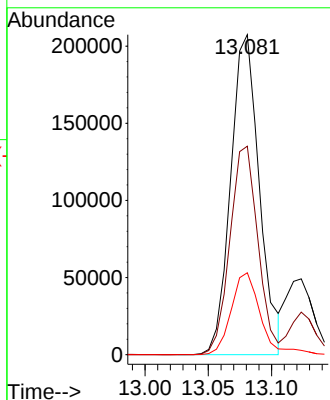
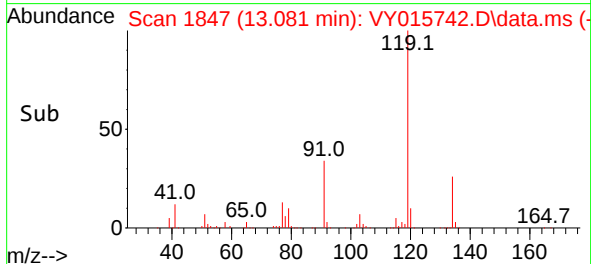
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



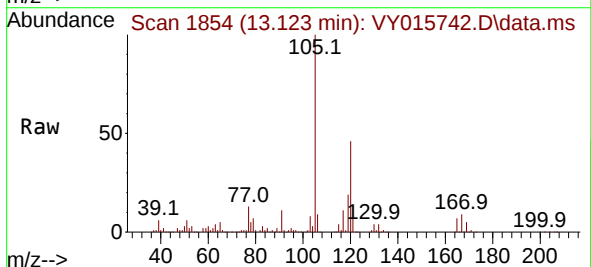
Tgt Ion:119 Resp: 327795
Ion Ratio Lower Upper
119 100
91 63.7 32.9 98.6
134 26.2 13.0 38.9

Manual Integrations
APPROVED

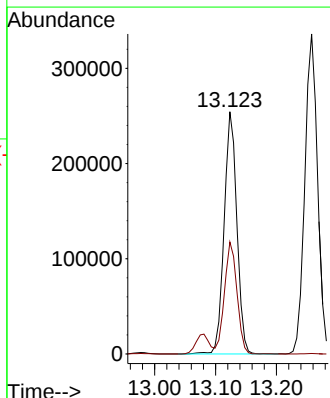
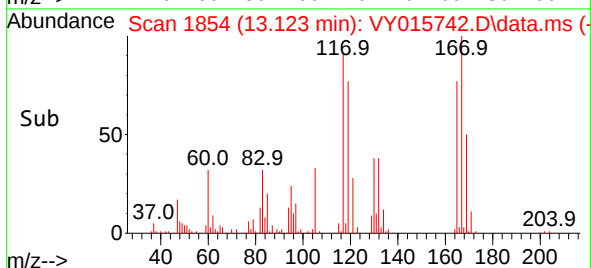
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

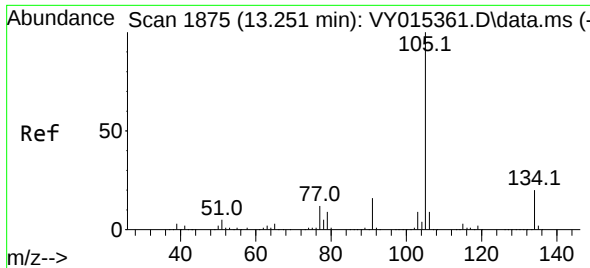


#84
1,2,4-Trimethylbenzene
Concen: 50.960 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



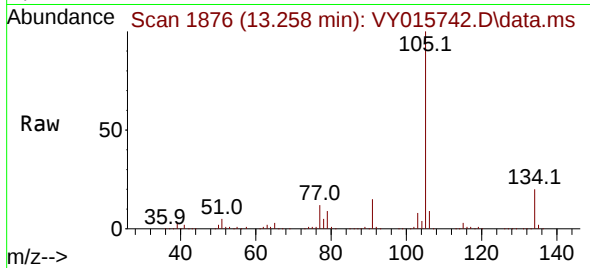
Tgt Ion:105 Resp: 369365
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 51.302 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY015742.D
 Acq: 28 Sep 2023 10:53

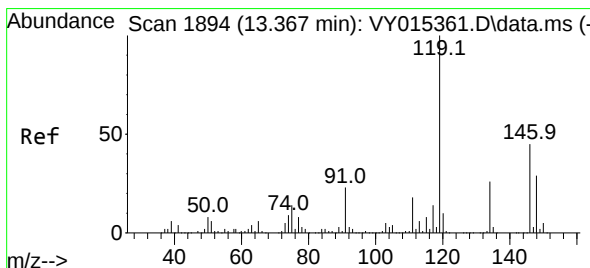
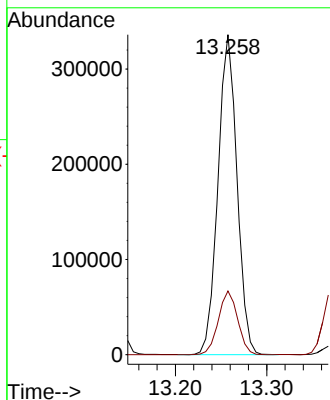
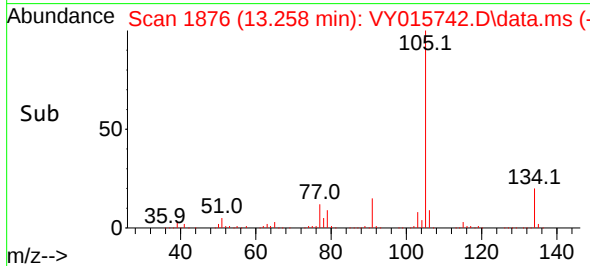
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



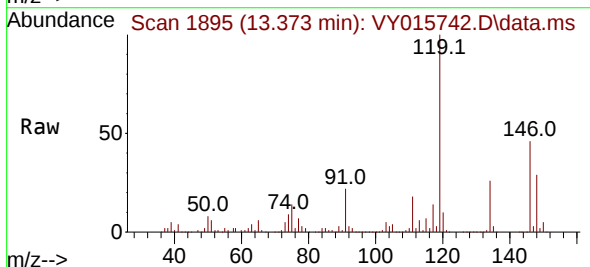
Tgt Ion:105 Resp: 487115
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

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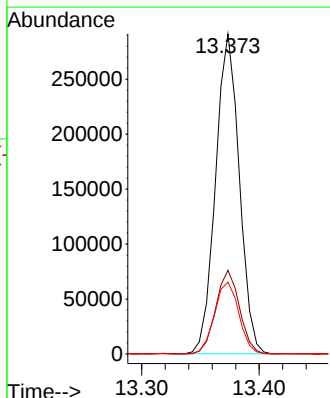
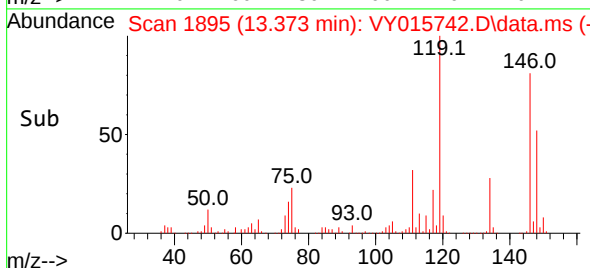
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023

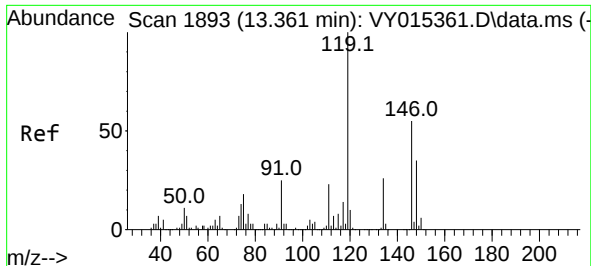


#86
 p-Isopropyltoluene
 Concen: 51.525 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015742.D
 Acq: 28 Sep 2023 10:53



Tgt Ion:119 Resp: 408660
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.9 12.4 37.4





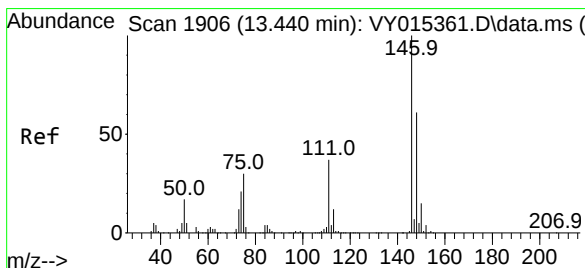
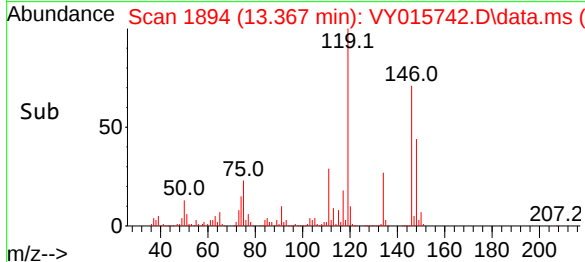
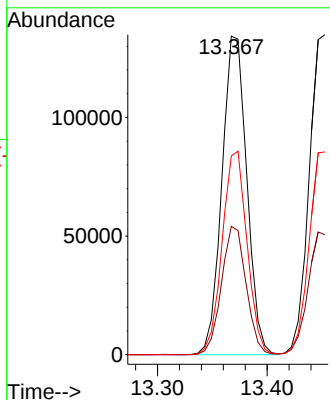
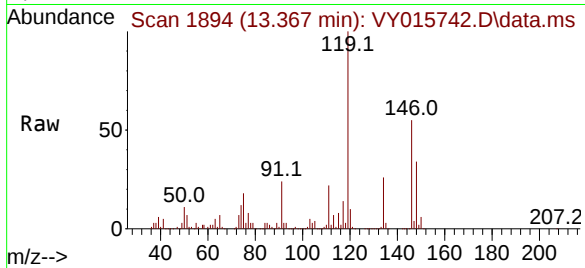
#87
1,3-Dichlorobenzene
Concen: 50.298 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 211940
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 63.9 31.9 95.5

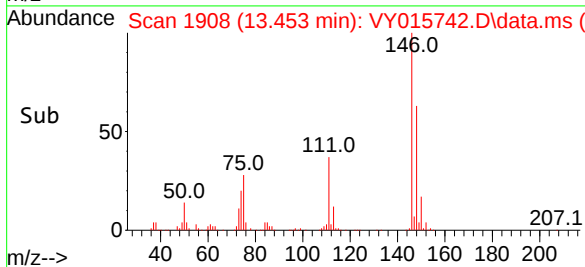
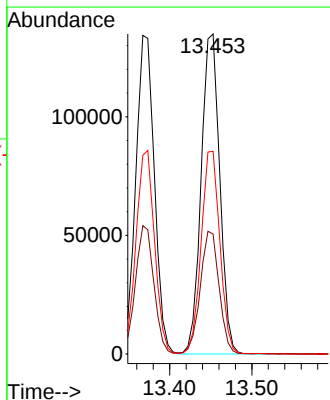
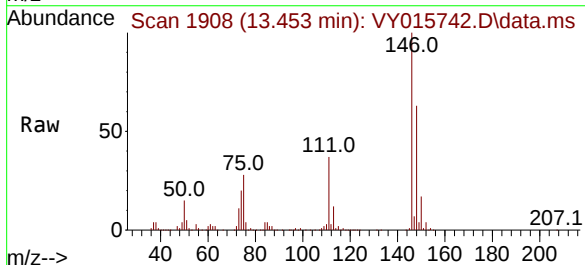
Manual Integrations
APPROVED

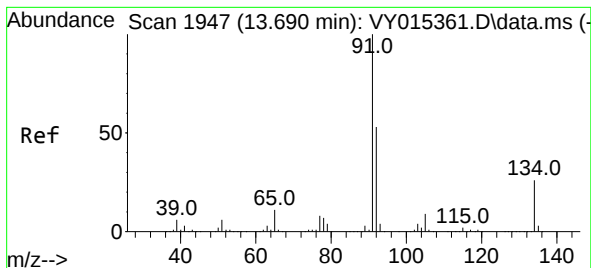
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#88
1,4-Dichlorobenzene
Concen: 50.342 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

Tgt Ion:146 Resp: 212163
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.7
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 51.099 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

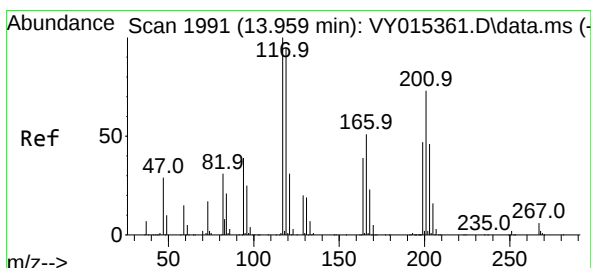
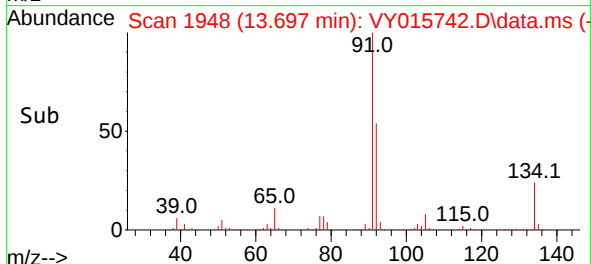
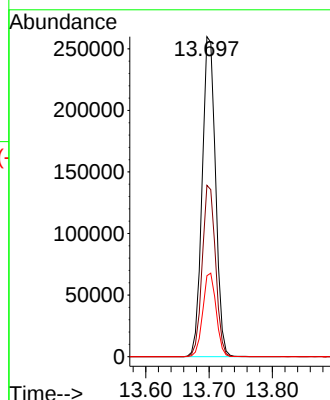
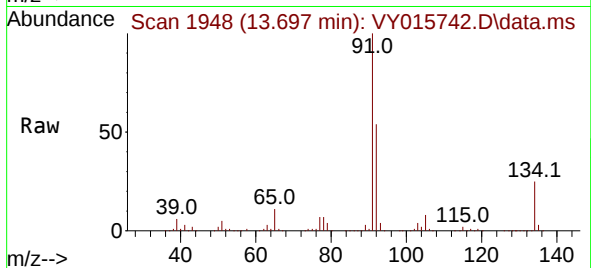
Tgt Ion: 91 Resp: 383772
 Ion Ratio Lower Upper
 91 100
 92 53.2 25.4 76.0
 134 26.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#90

Hexachloroethane

Concen: 51.367 ug/l

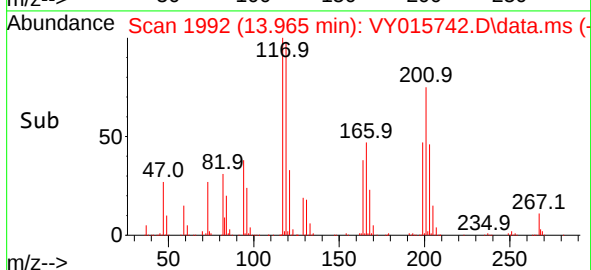
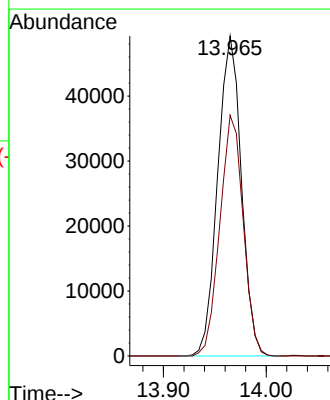
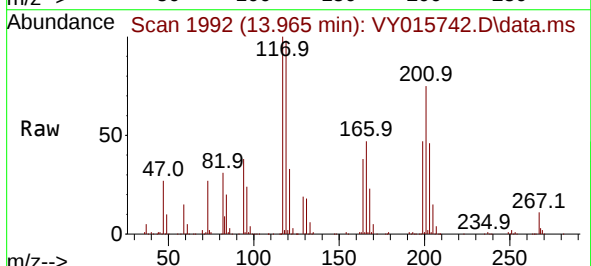
RT: 13.965 min Scan# 1992

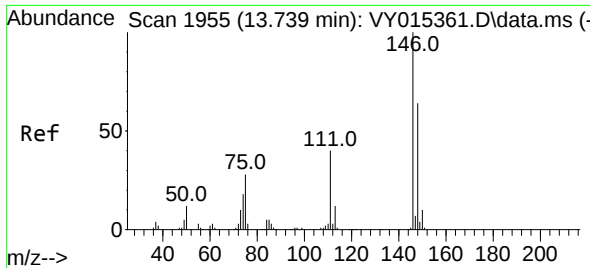
Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

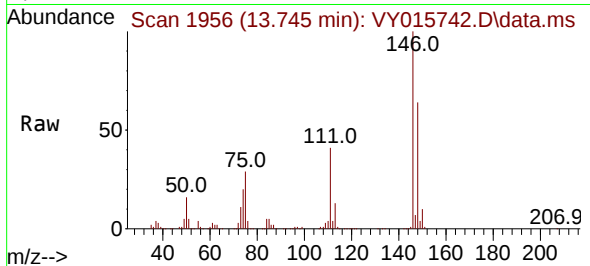
Tgt Ion:117 Resp: 78628
 Ion Ratio Lower Upper
 117 100
 201 74.3 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 50.502 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

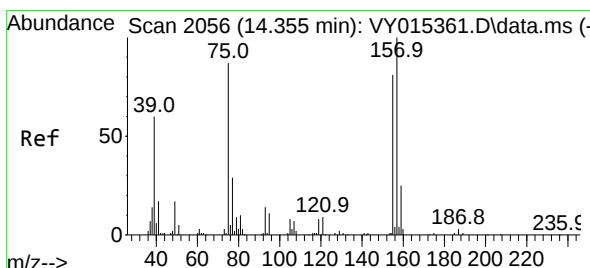
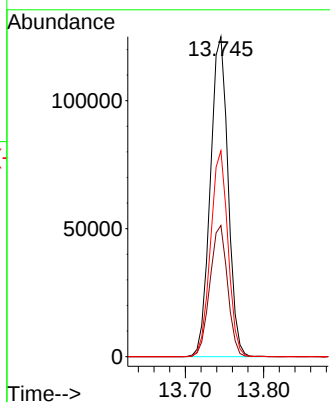
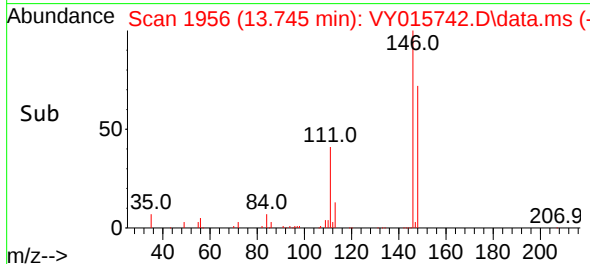
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



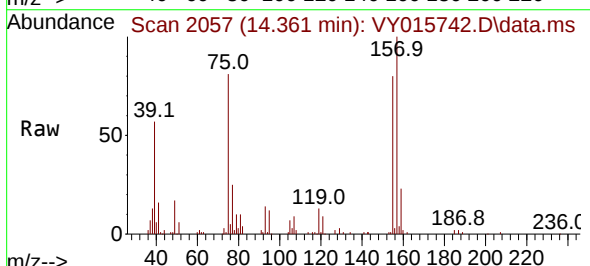
Tgt Ion:146 Resp: 19644
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 63.2 32.0 96.2

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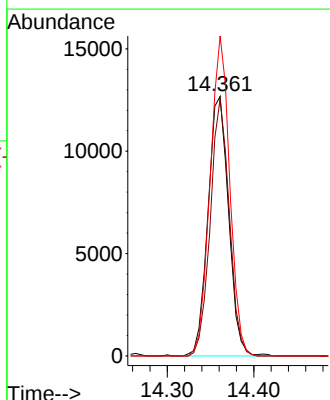
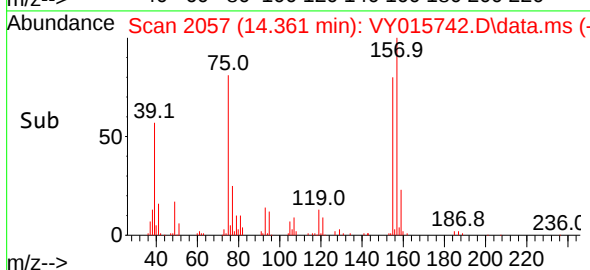
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

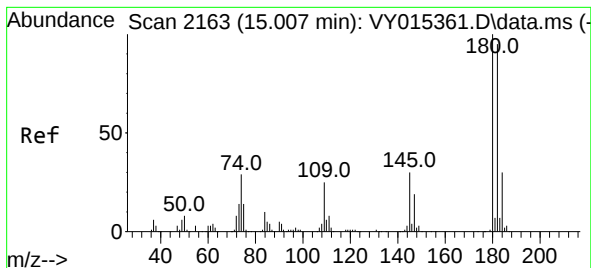


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.774 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 75 Resp: 20937
Ion Ratio Lower Upper
75 100
155 91.4 41.5 124.6
157 117.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.444 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

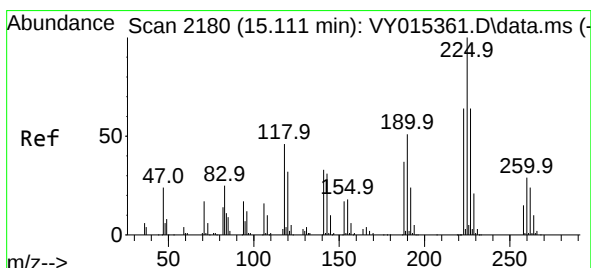
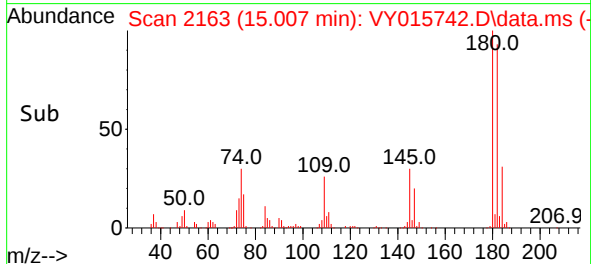
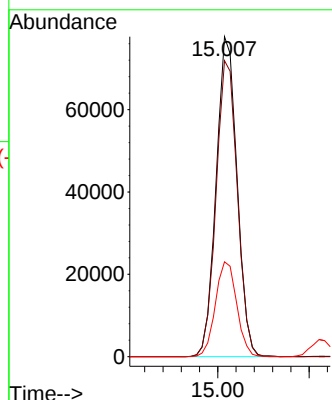
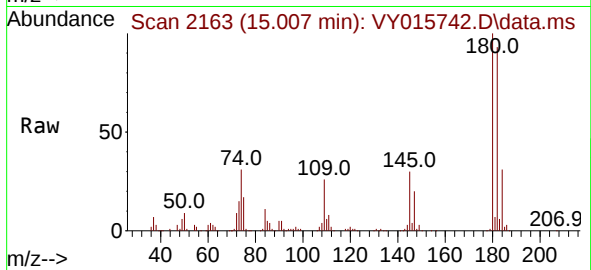
Tgt Ion:	180	Resp:	12353
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.0	141.2
145	30.2	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#94

Hexachlorobutadiene

Concen: 50.004 ug/l

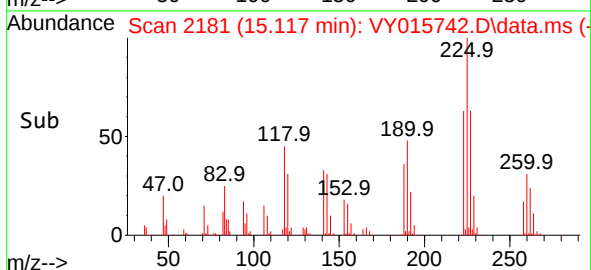
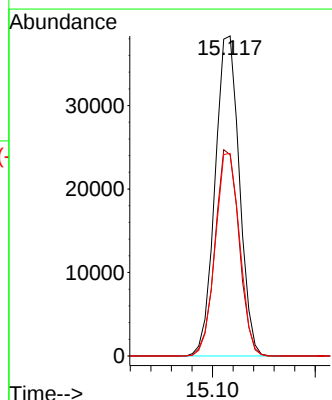
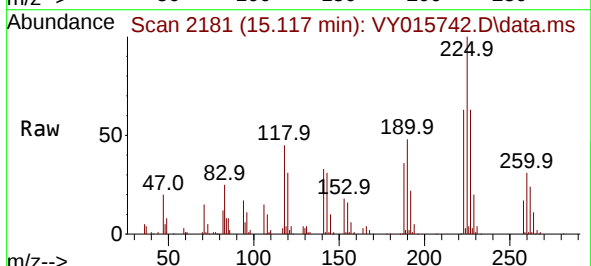
RT: 15.117 min Scan# 2181

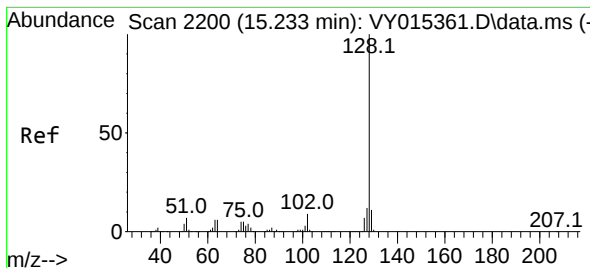
Delta R.T. 0.006 min

Lab File: VY015742.D

Acq: 28 Sep 2023 10:53

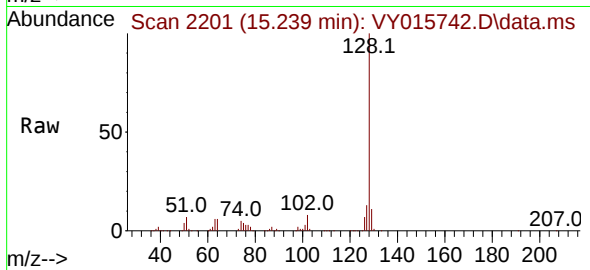
Tgt Ion:	225	Resp:	62709
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.9	95.9
227	63.7	33.0	98.9





#95
Naphthalene
Concen: 48.911 ug/l
RT: 15.239 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53

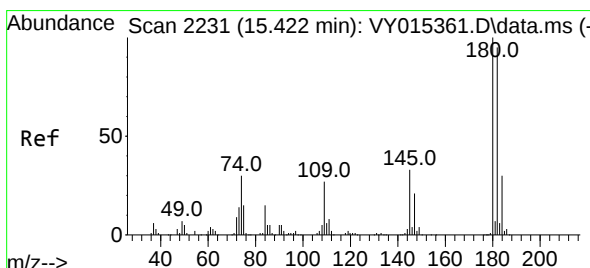
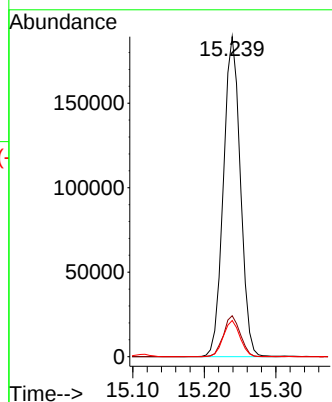
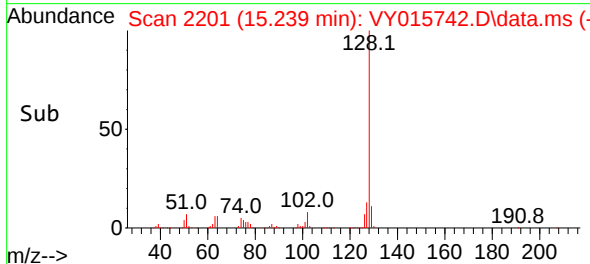
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



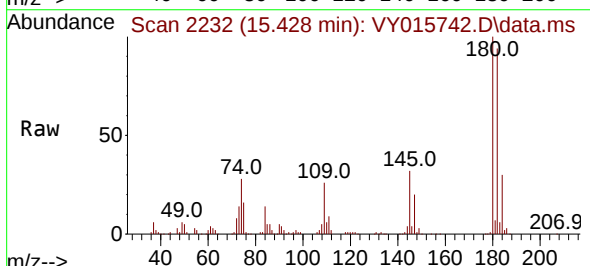
Tgt Ion:128 Resp: 312319
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.105 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015742.D
Acq: 28 Sep 2023 10:53



Tgt Ion:180 Resp: 113251
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 32.7 15.4 46.2

