

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015915.D
 Acq On : 11 Oct 2023 11:21
 Operator : SY/MD
 Sample : VY1011SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 01:54:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	188379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	277828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79129	46.683	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.360%		
35) Dibromofluoromethane	7.722	113	82100	47.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.100%		
50) Toluene-d8	10.185	98	276299	48.558	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.120%		
62) 4-Bromofluorobenzene	12.483	95	106121	45.917	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14616	19.398	ug/l	96
3) Chloromethane	2.119	50	13342	17.311	ug/l	96
4) Vinyl Chloride	2.253	62	16541	16.828	ug/l	96
5) Bromomethane	2.644	94	14477	17.961	ug/l	98
6) Chloroethane	2.790	64	13648	17.682	ug/l	100
7) Trichlorofluoromethane	3.125	101	41091	19.701	ug/l	97
8) Diethyl Ether	3.534	74	16921	19.176	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	29151	20.594	ug/l	92
10) Methyl Iodide	4.095	142	19386	15.279	ug/l	95
11) Tert butyl alcohol	4.966	59	21855	57.290	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	20100	18.461	ug/l	85
13) Acrolein	3.729	56	9123	88.060	ug/l	98
14) Allyl chloride	4.479	41	36394	18.129	ug/l	93
15) Acrylonitrile	5.168	53	55937	92.187	ug/l	97
16) Acetone	3.948	43	65957	84.948	ug/l #	85
17) Carbon Disulfide	4.198	76	20692	14.747	ug/l	96
18) Methyl Acetate	4.479	43	38477	16.744	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	95888	19.434	ug/l	98
20) Methylene Chloride	4.716	84	50453	23.664	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	22494	17.804	ug/l	96
22) Diisopropyl ether	6.125	45	108125	20.137	ug/l	91
23) Vinyl Acetate	6.064	43	286223	96.940	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	58787	19.876	ug/l	96
25) 2-Butanone	6.990	43	85985	92.474	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52150	18.959	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	36039	19.327	ug/l	95
28) Bromochloromethane	7.338	49	33410	19.599	ug/l	93
29) Tetrahydrofuran	7.350	42	43486	85.490	ug/l	92
30) Chloroform	7.509	83	66797	20.247	ug/l	97
31) Cyclohexane	7.789	56	32172	17.722	ug/l #	78
32) 1,1,1-Trichloroethane	7.704	97	53311	19.787	ug/l	98
36) 1,1-Dichloropropene	7.923	75	35894	18.772	ug/l	98
37) Ethyl Acetate	7.082	43	30244	18.417	ug/l #	95
38) Carbon Tetrachloride	7.905	117	44265	19.276	ug/l	99
39) Methylcyclohexane	9.185	83	35438	18.246	ug/l	93
40) Benzene	8.167	78	116718	19.423	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	19160m	18.758	ug/l	
42) 1,2-Dichloroethane	8.240	62	40182	19.616	ug/l	94
43) Isopropyl Acetate	8.277	43	56989	18.747	ug/l	95
44) Trichloroethene	8.941	130	34381	19.772	ug/l	98
45) 1,2-Dichloropropane	9.222	63	36837	20.380	ug/l	100
46) Dibromomethane	9.307	93	21015	19.538	ug/l	96
47) Bromodichloromethane	9.496	83	52934	19.788	ug/l	96
48) Methyl methacrylate	9.295	41	24644	18.357	ug/l	87
49) 1,4-Dioxane	9.301	88	6475	346.300	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	168722	92.771	ug/l	92
52) Toluene	10.246	92	78734	19.739	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	52540	19.428	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	57933	19.721	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	34991	20.431	ug/l	92
56) Ethyl methacrylate	10.514	69	43270	18.609	ug/l #	86
57) 1,3-Dichloropropane	10.795	76	55226	20.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	135821	95.837	ug/l	94
59) 2-Hexanone	10.837	43	129880	94.394	ug/l	89
60) Dibromochloromethane	10.990	129	41155	20.044	ug/l	98
61) 1,2-Dibromoethane	11.093	107	30379	19.421	ug/l	98
64) Tetrachloroethene	10.721	164	35248	19.441	ug/l	96
65) Chlorobenzene	11.520	112	97066	20.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40431	20.412	ug/l	98
67) Ethyl Benzene	11.593	91	165291	19.881	ug/l	98
68) m/p-Xylenes	11.703	106	124665	39.794	ug/l	96
69) o-Xylene	12.032	106	63230	20.173	ug/l	98
70) Styrene	12.044	104	111339	20.359	ug/l	95
71) Bromoform	12.209	173	27102	19.649	ug/l #	99
73) Isopropylbenzene	12.331	105	175465	19.972	ug/l	100
74) N-amyl acetate	12.148	43	52101	18.818	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	43893	19.268	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29088m	17.891	ug/l	
77) Bromobenzene	12.611	156	43068	19.992	ug/l	99
78) n-propylbenzene	12.672	91	211327	20.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	121400	20.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	144263	19.923	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	13178	17.974	ug/l	92
82) 4-Chlorotoluene	12.855	91	126052	20.099	ug/l	99
83) tert-Butylbenzene	13.075	119	136684	20.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	146149	20.043	ug/l	98
85) sec-Butylbenzene	13.258	105	202326	20.416	ug/l	99
86) p-Isopropyltoluene	13.373	119	165582	20.197	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	85219	19.649	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	87295	19.987	ug/l	99
89) n-Butylbenzene	13.697	91	156292	20.145	ug/l	96
90) Hexachloroethane	13.965	117	33095	20.115	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	81294	20.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7038	17.592	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	50762	19.647	ug/l	99
94) Hexachlorobutadiene	15.111	225	26754	19.337	ug/l	99
95) Naphthalene	15.239	128	107629	18.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	44977	19.570	ug/l	98

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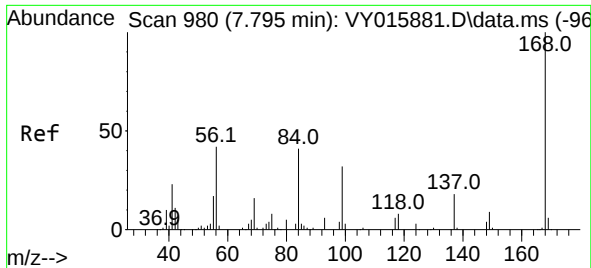
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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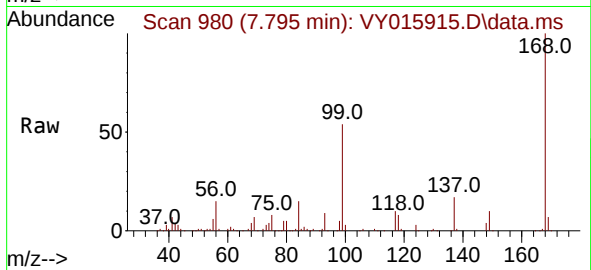
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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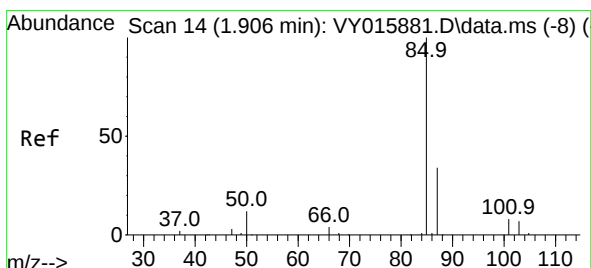
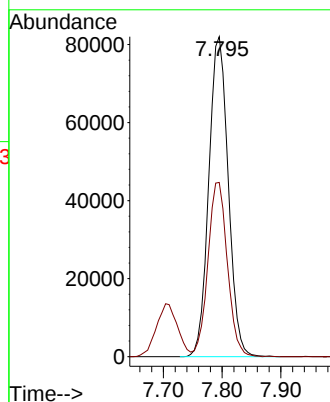
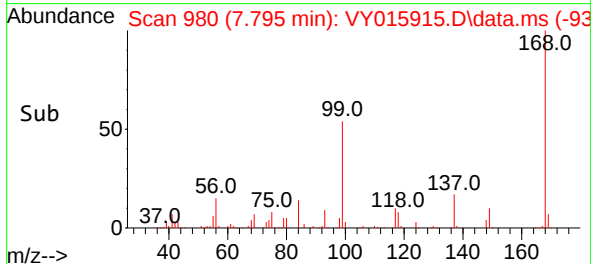
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 188379
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0

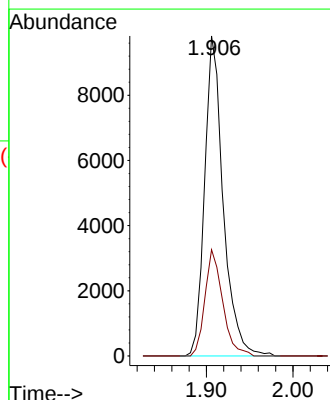
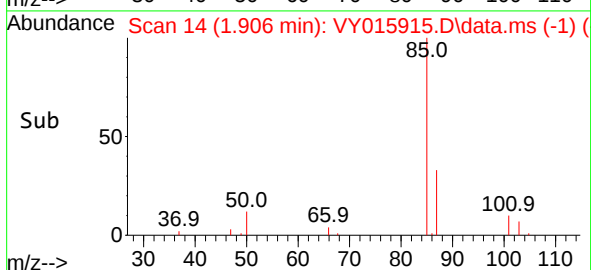
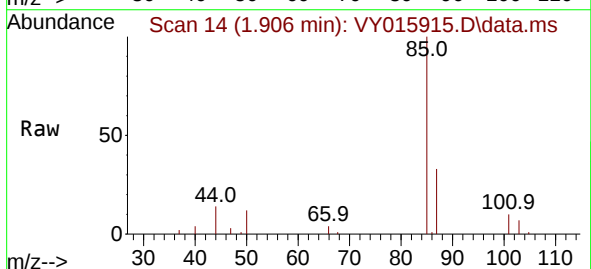
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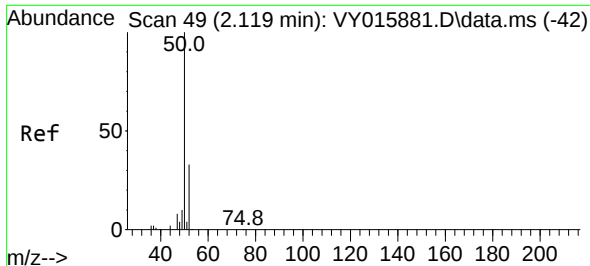
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 19.398 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 85 Resp: 14616
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





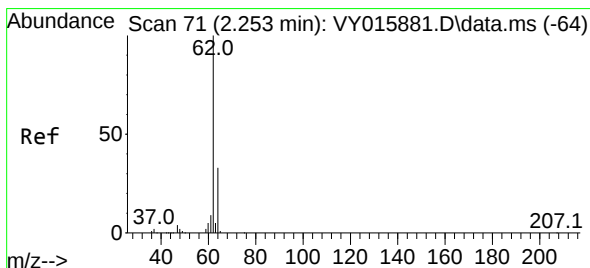
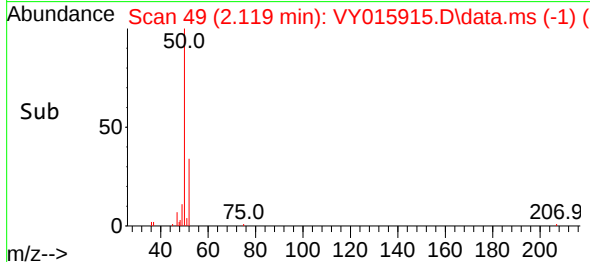
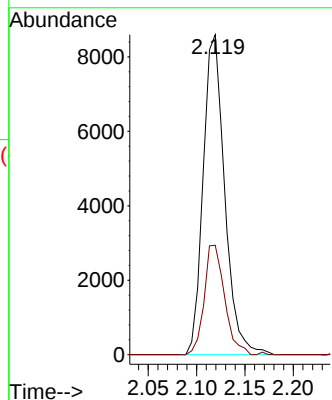
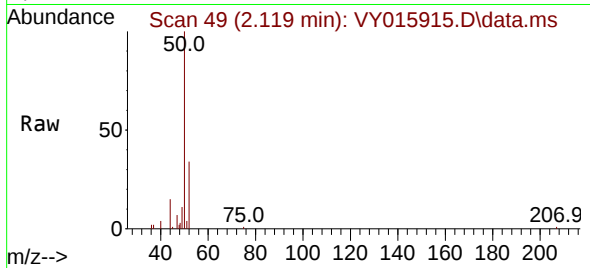
#3
Chloromethane
Concen: 17.311 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY015915.D
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Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2

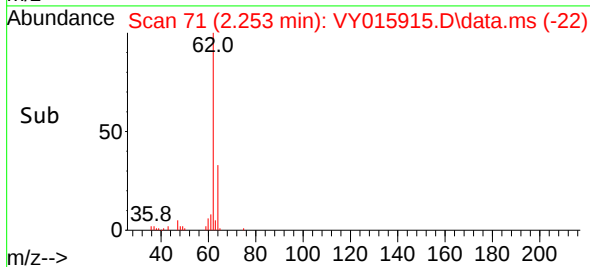
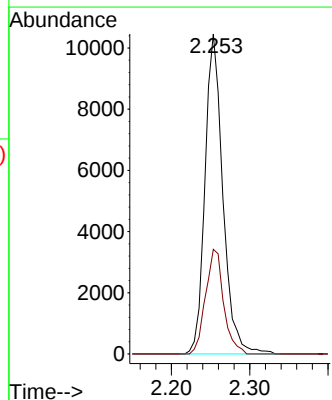
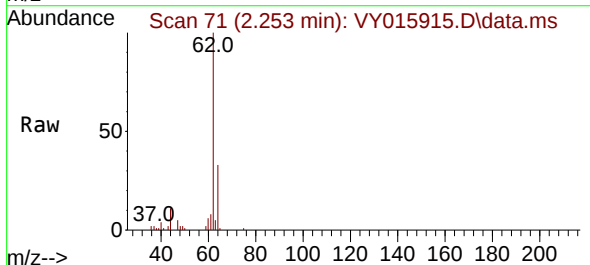
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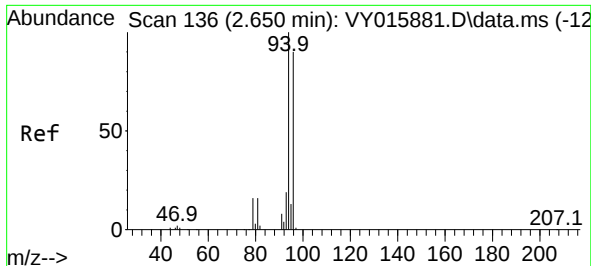
Reviewed By :John Carlone 10/12/2023
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#4
Vinyl Chloride
Concen: 16.828 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

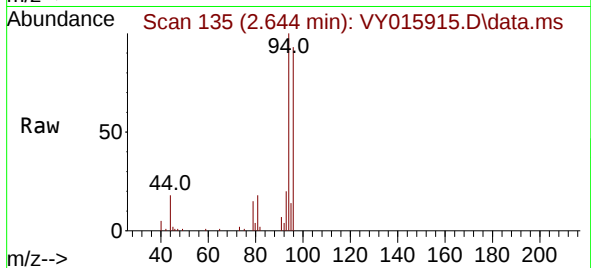
Tgt Ion: 62 Resp: 16541
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5





#5
Bromomethane
Concen: 17.961 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015915.D
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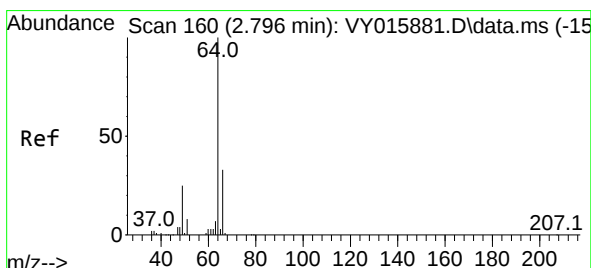
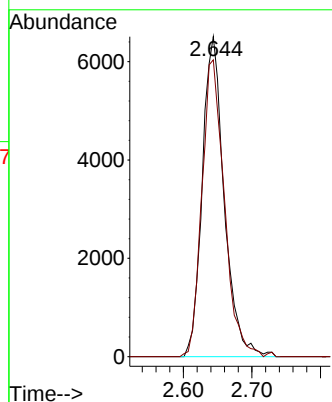
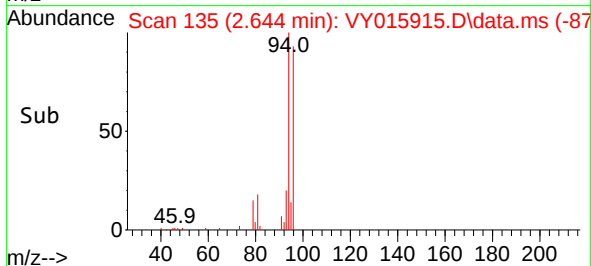
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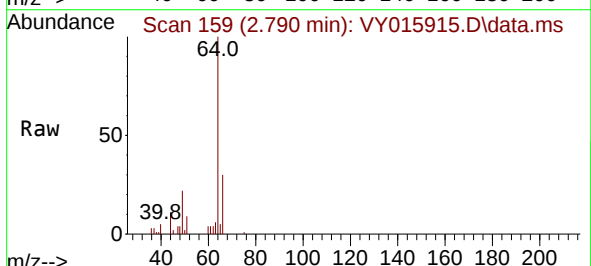
Tgt Ion: 94 Resp: 1447
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6

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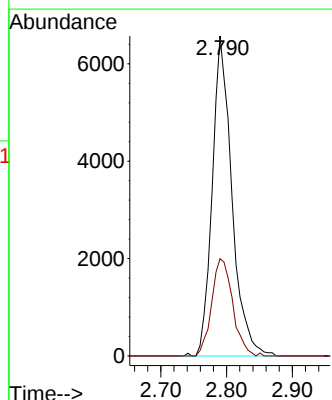
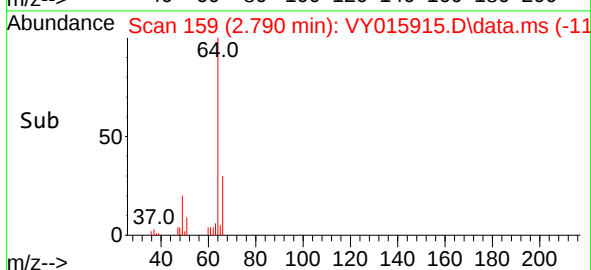
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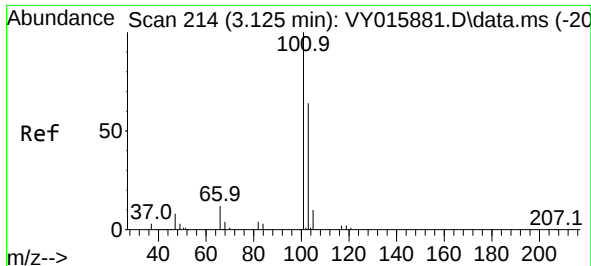


#6
Chloroethane
Concen: 17.682 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 64 Resp: 13648
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6





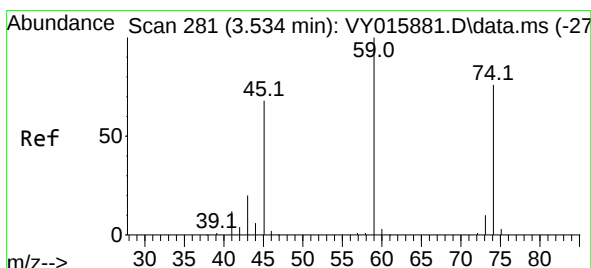
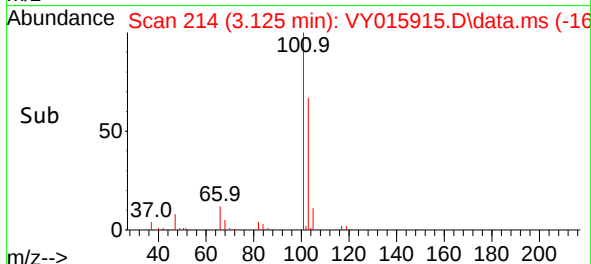
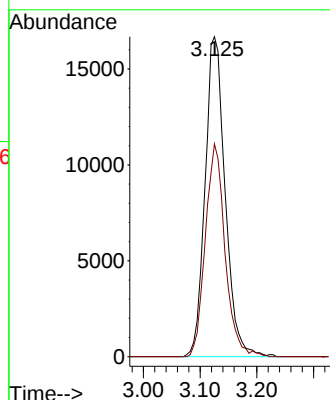
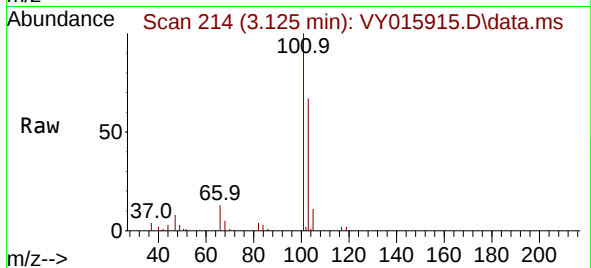
#7
 Trichlorofluoromethane
 Concen: 19.701 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Instrument :
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Tgt Ion:101 Resp: 4109
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.0

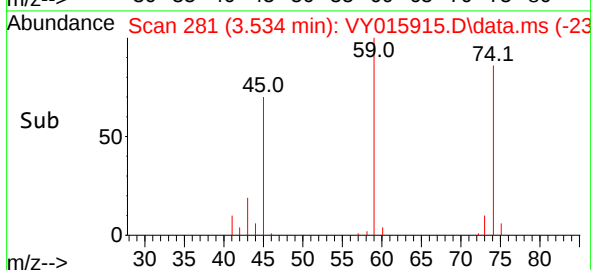
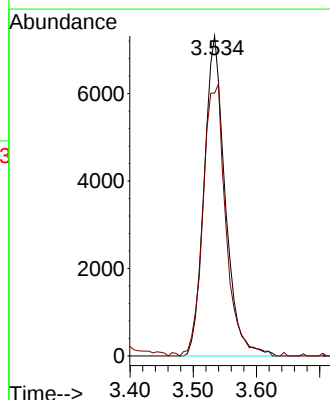
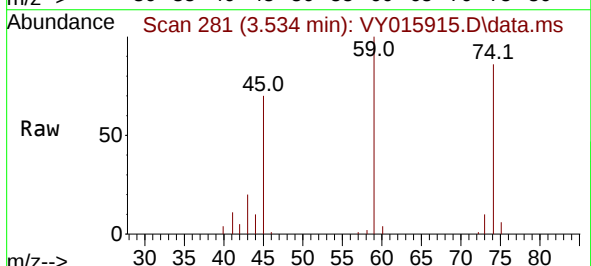
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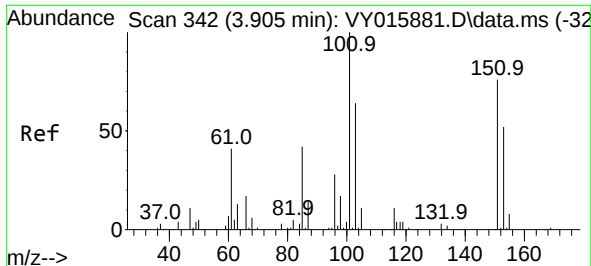
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#8
 Diethyl Ether
 Concen: 19.176 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 74 Resp: 16921
 Ion Ratio Lower Upper
 74 100
 45 92.6 51.5 154.5





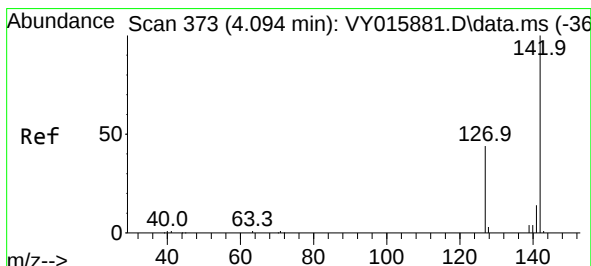
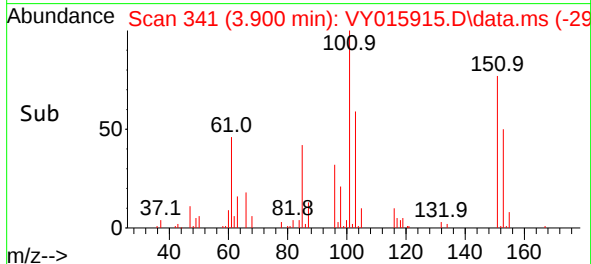
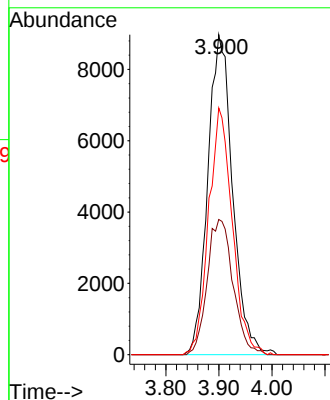
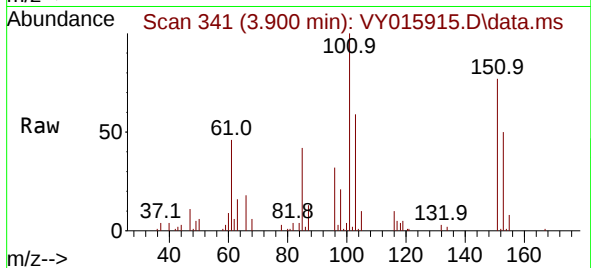
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.594 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion:101 Resp: 2915
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 73.4 67.0 100.6

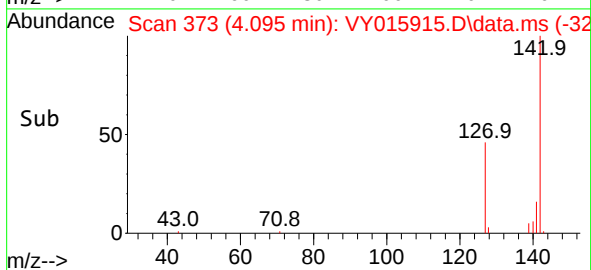
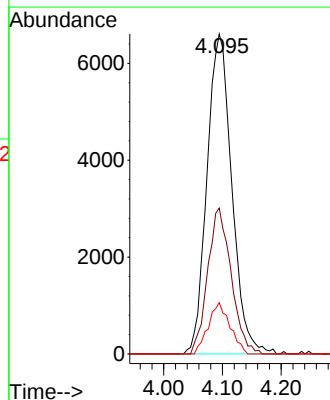
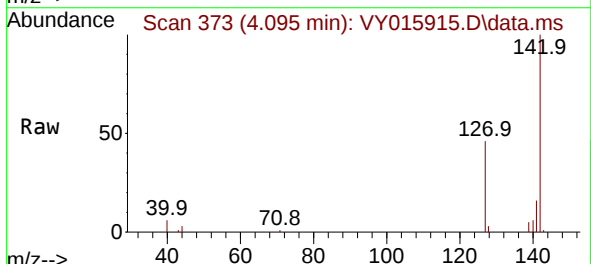
Manual Integrations
APPROVED

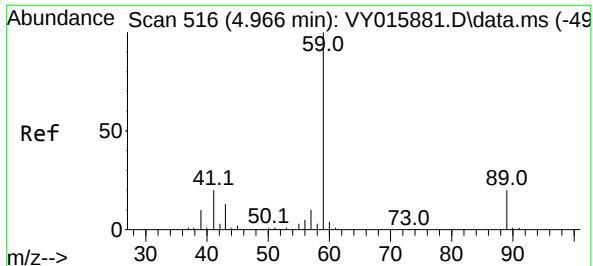
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 15.279 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:142 Resp: 19386
Ion Ratio Lower Upper
142 100
127 43.1 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 57.290 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

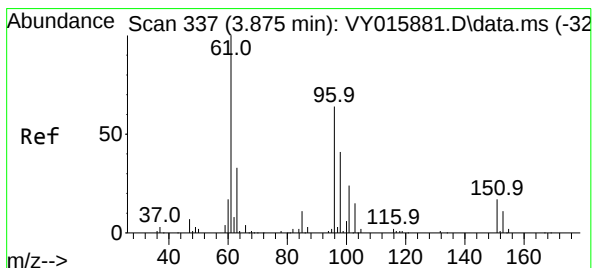
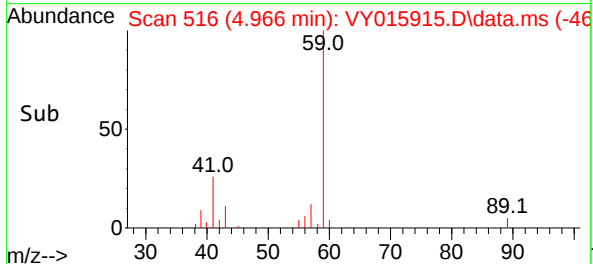
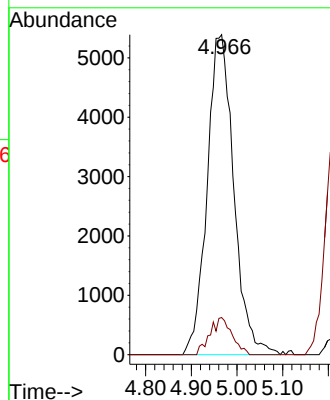
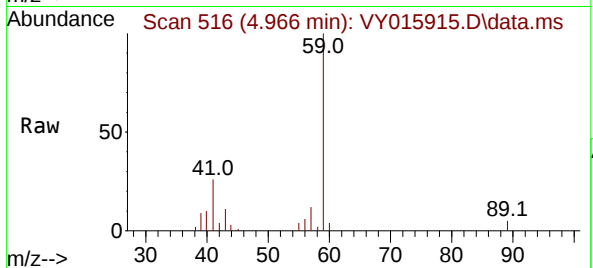
Tgt Ion: 59 Resp: 2185
 Ion Ratio Lower Upper
 59 100
 57 9.5 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#12

1,1-Dichloroethene

Concen: 18.461 ug/l

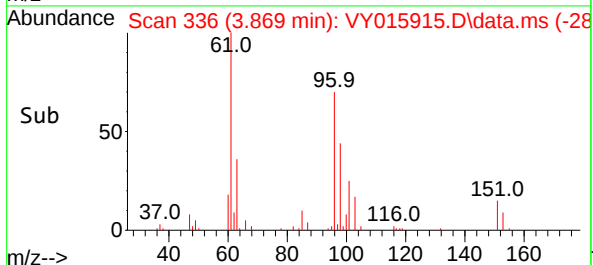
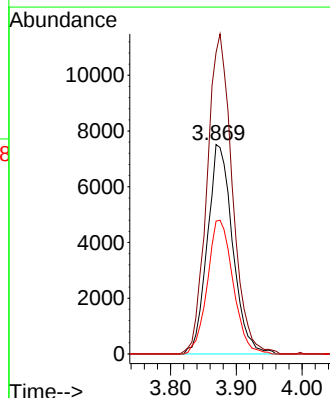
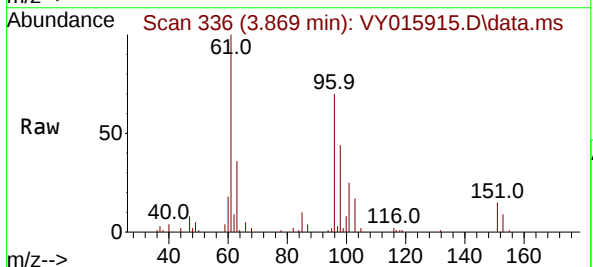
RT: 3.869 min Scan# 336

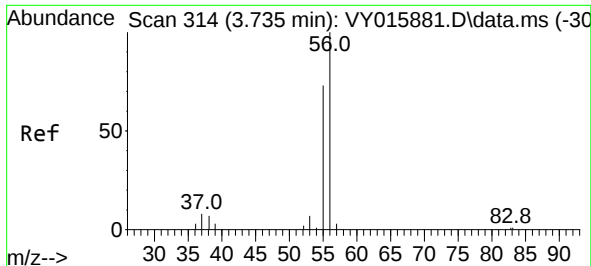
Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion: 96 Resp: 20100
 Ion Ratio Lower Upper
 96 100
 61 143.9 136.4 204.6
 98 63.4 49.4 74.2





#13

Acrolein

Concen: 88.060 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 56 Resp: 912

Ion Ratio Lower Upper

56 100

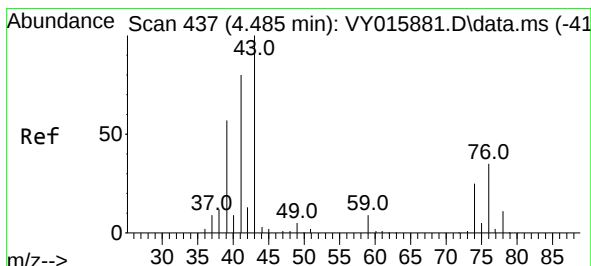
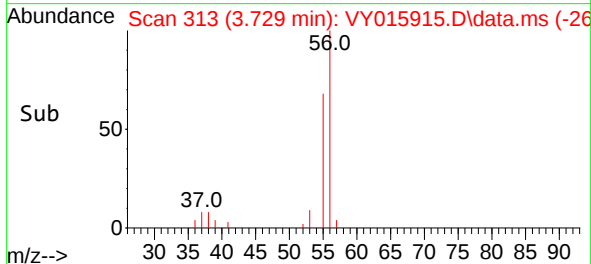
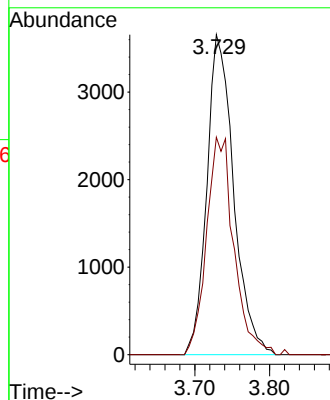
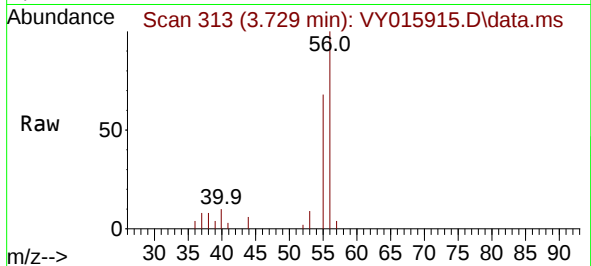
55 69.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#14

Allyl chloride

Concen: 18.129 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

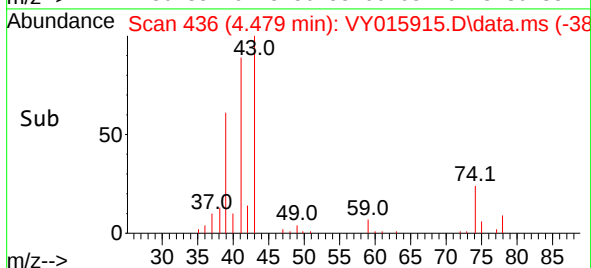
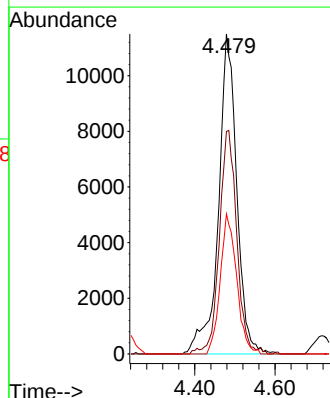
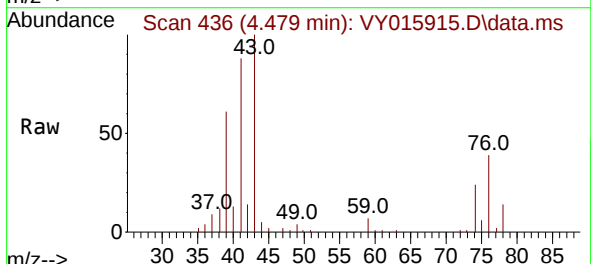
Tgt Ion: 41 Resp: 36394

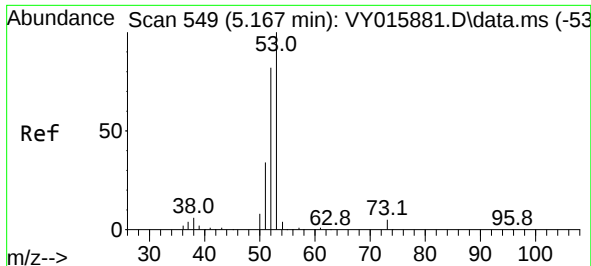
Ion Ratio Lower Upper

41 100

39 66.7 58.0 87.0

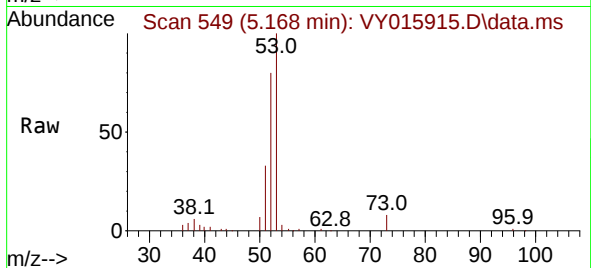
76 39.2 27.4 41.2





#15
Acrylonitrile
Concen: 92.187 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

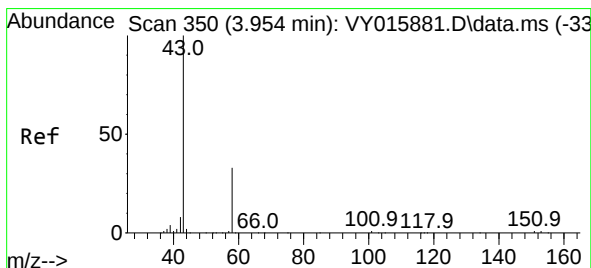
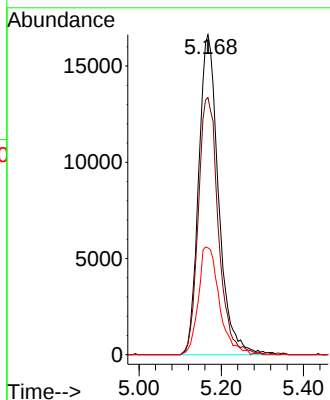
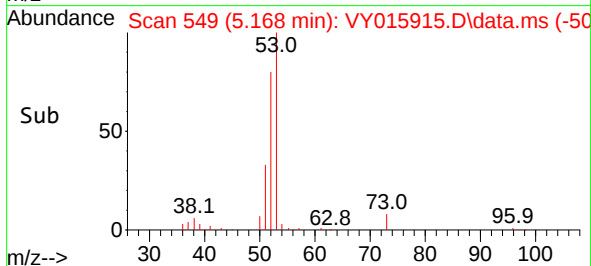
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 53 Resp: 5593
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 35.5 29.8 44.6

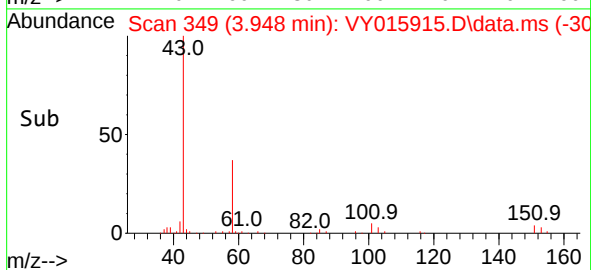
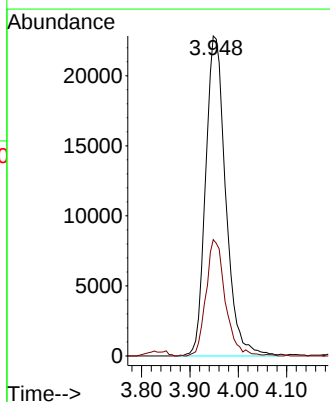
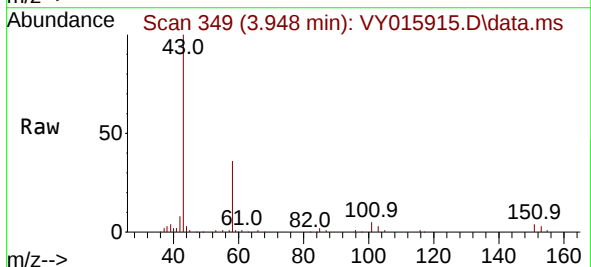
Manual Integrations
APPROVED

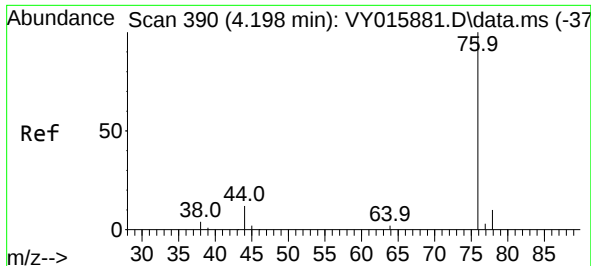
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 84.948 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

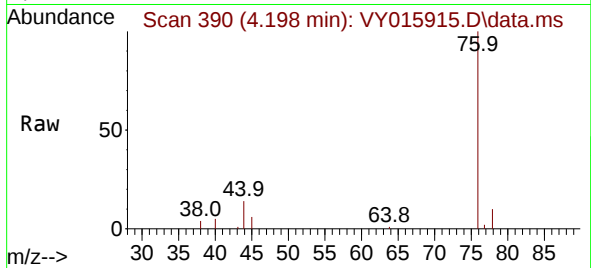
Tgt Ion: 43 Resp: 65957
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 14.747 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

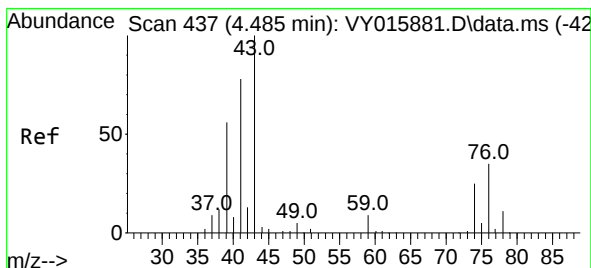
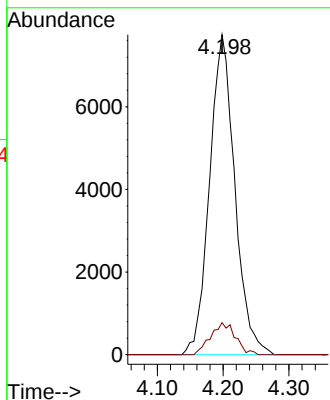
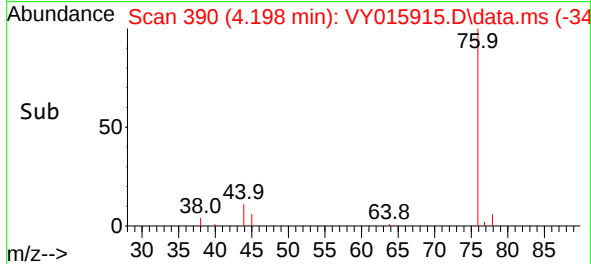
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 76 Resp: 20692
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4

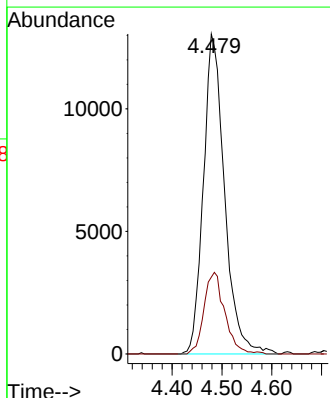
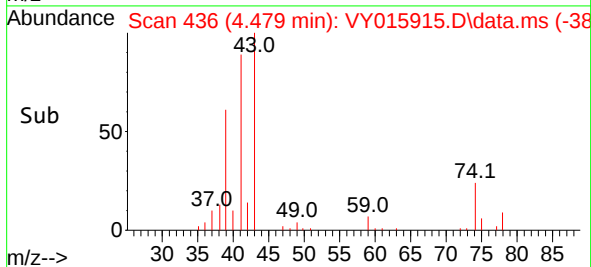
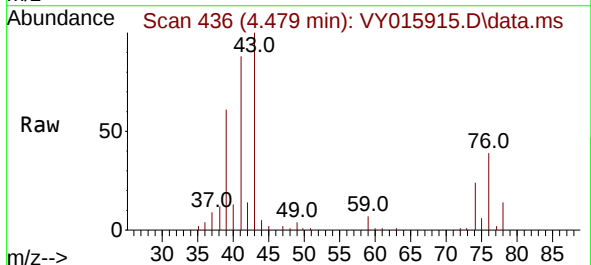
Manual Integrations
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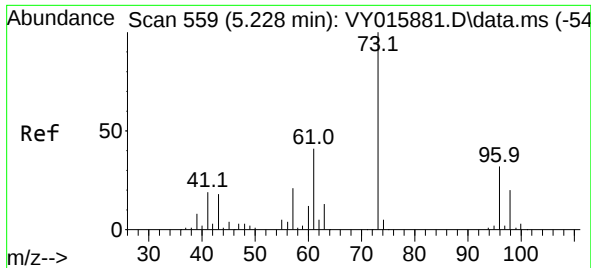
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#18
Methyl Acetate
Concen: 16.744 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 43 Resp: 38477
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0





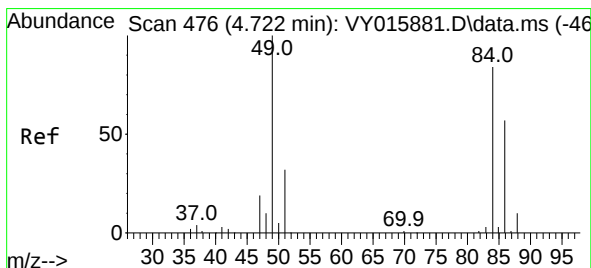
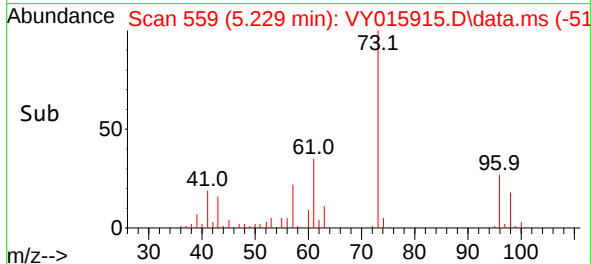
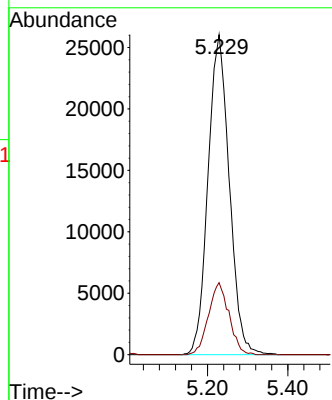
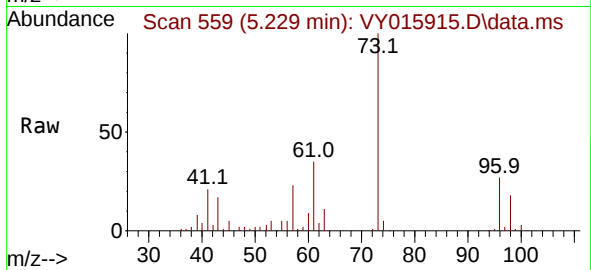
#19
Methyl tert-butyl Ether
Concen: 19.434 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 73 Resp: 9588
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

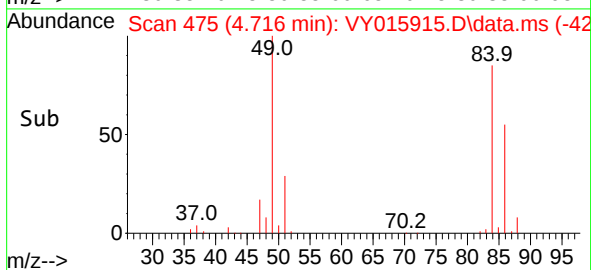
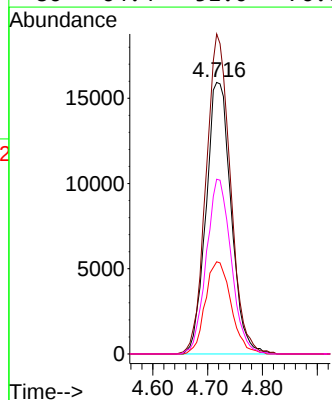
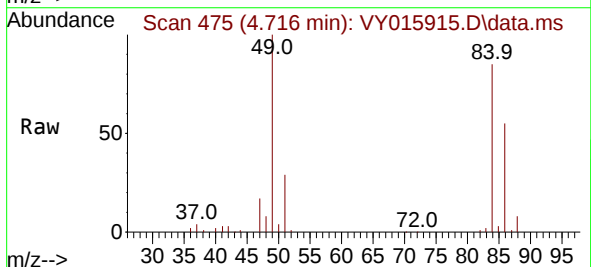
Manual Integrations
APPROVED

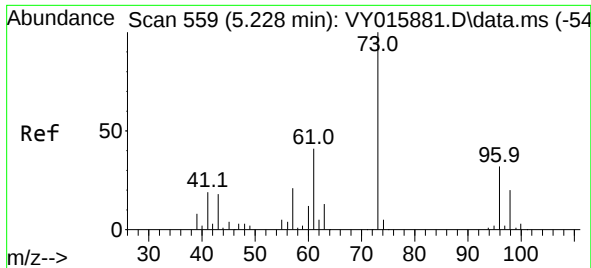
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 23.664 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

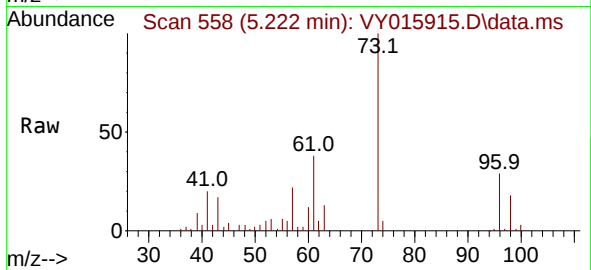
Tgt Ion: 84 Resp: 50453
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 34.0 33.2 49.8
86 64.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.804 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

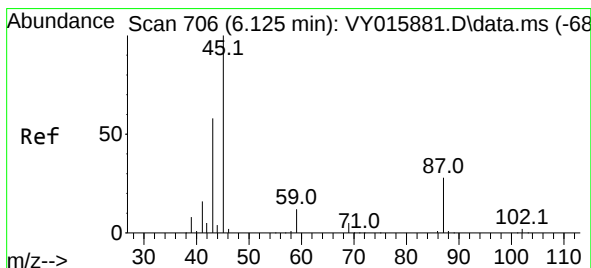
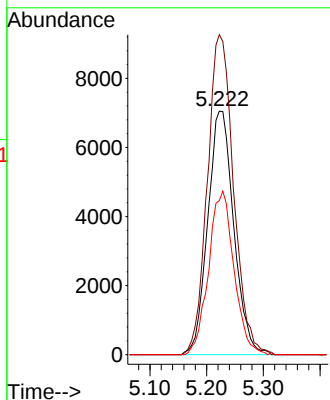
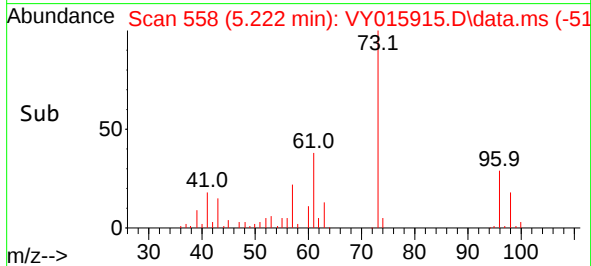
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 96 Resp: 22494
Ion Ratio Lower Upper
96 100
61 131.4 110.2 165.4
98 63.2 51.8 77.6

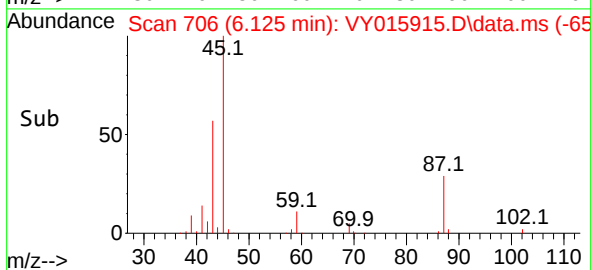
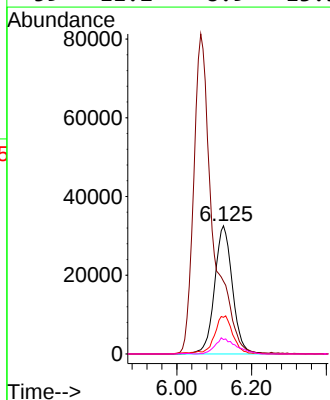
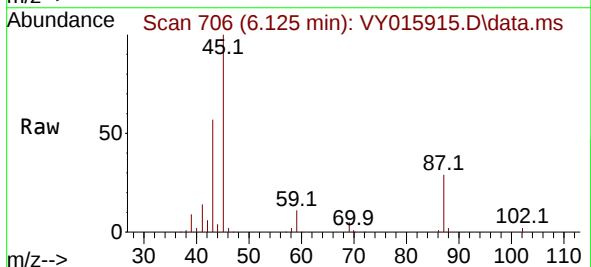
Manual Integrations
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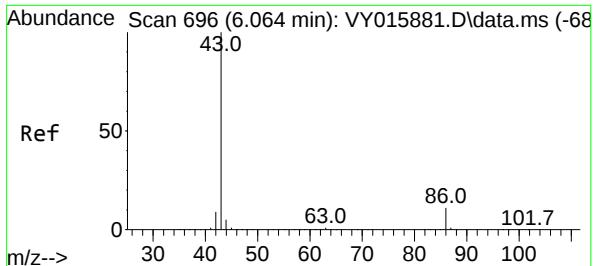
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#22
Diisopropyl ether
Concen: 20.137 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 45 Resp: 108125
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 28.5 21.0 31.6
59 11.2 8.9 13.3





#23

Vinyl Acetate

Concen: 96.940 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 43 Resp: 28622

Ion Ratio Lower Upper

43 100

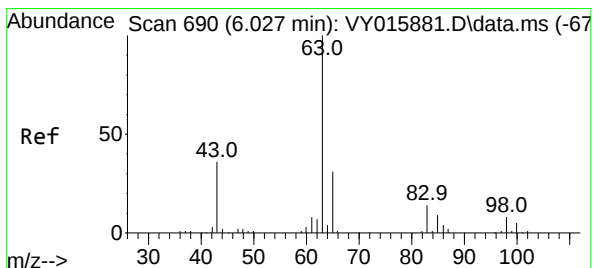
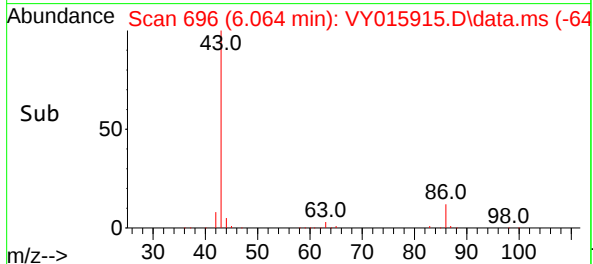
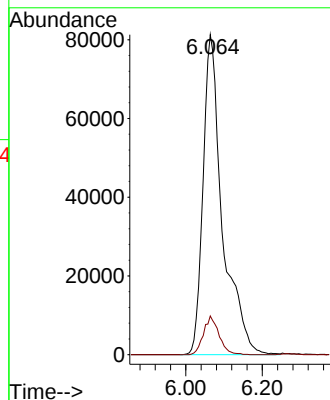
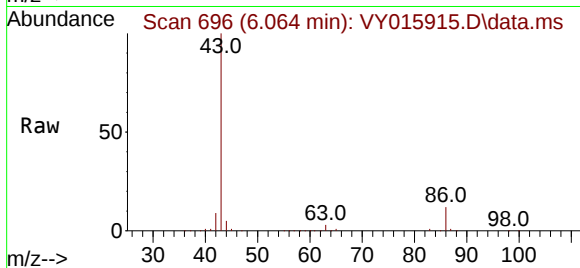
86 12.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#24

1,1-Dichloroethane

Concen: 19.876 ug/l

RT: 6.021 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

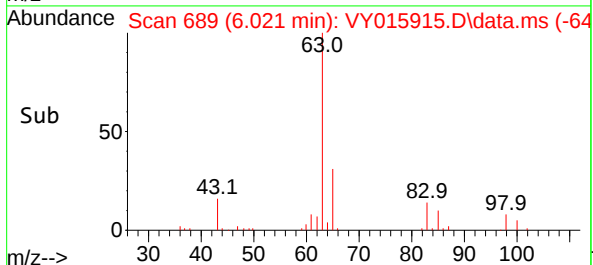
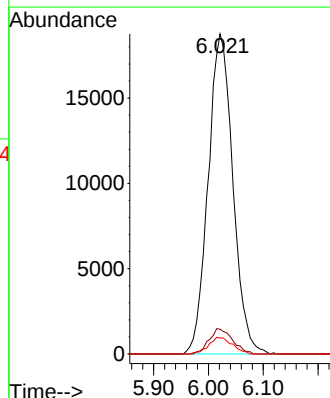
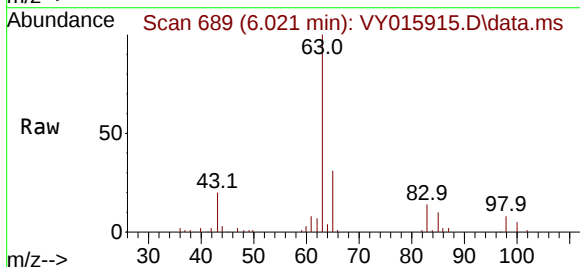
Tgt Ion: 63 Resp: 58787

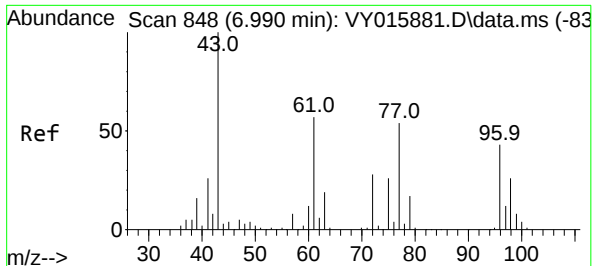
Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.4

100 5.0 1.8 5.5





#25

2-Butanone

Concen: 92.474 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 43 Resp: 8598

Ion Ratio Lower Upper

43 100

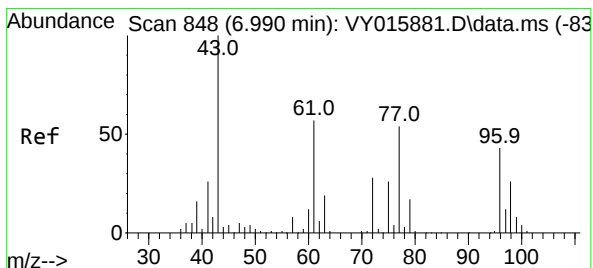
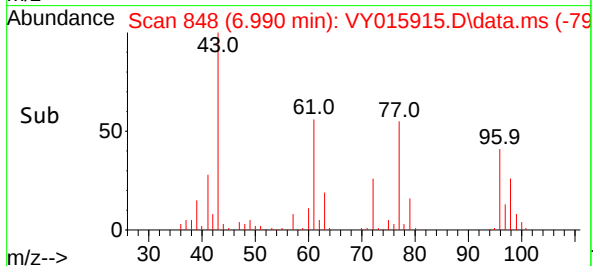
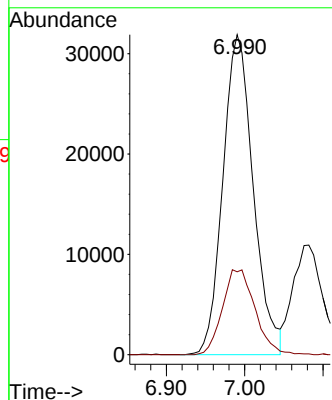
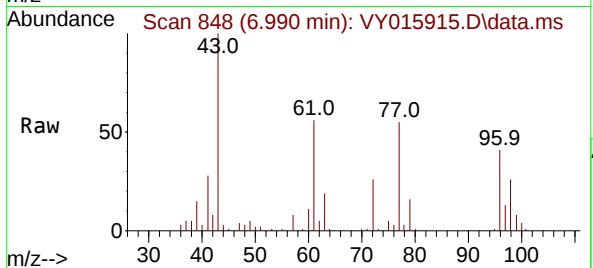
72 25.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#26

2,2-Dichloropropane

Concen: 18.959 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY015915.D

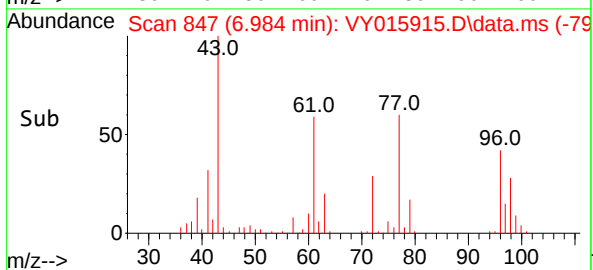
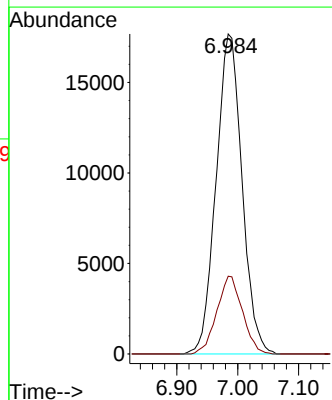
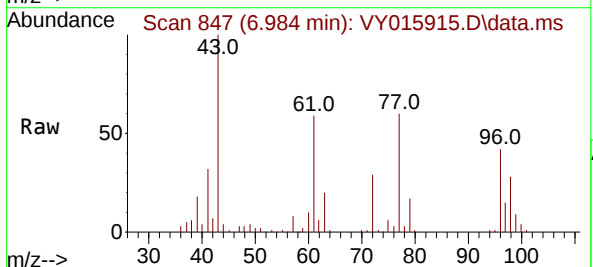
Acq: 11 Oct 2023 11:21

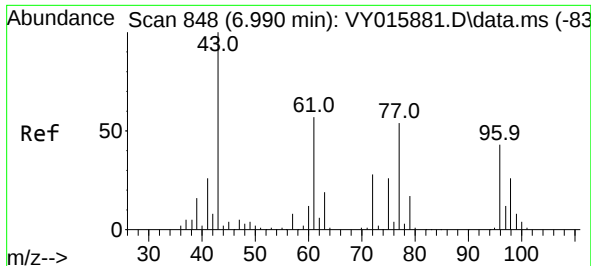
Tgt Ion: 77 Resp: 52150

Ion Ratio Lower Upper

77 100

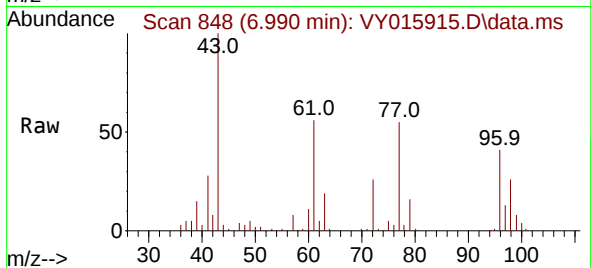
97 24.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.327 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

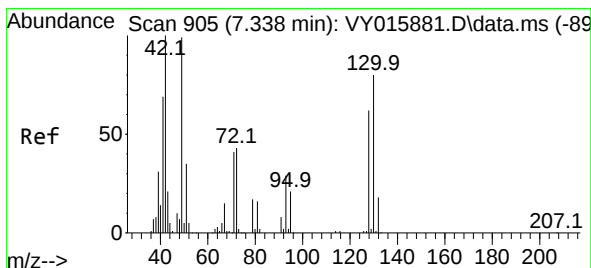
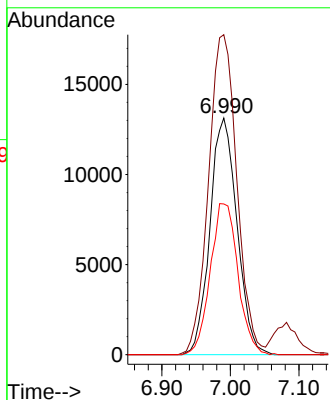
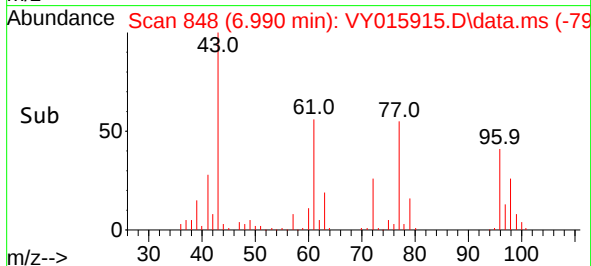
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBS01



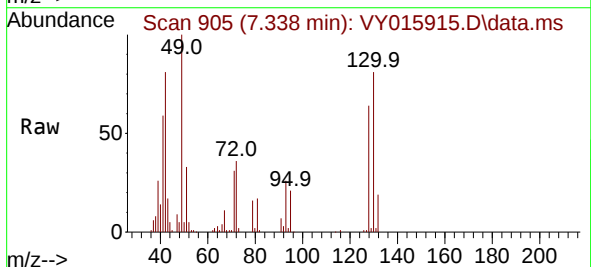
Tgt Ion: 96 Resp: 36039
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 301.4
 98 65.2 0.0 130.4

Manual Integrations
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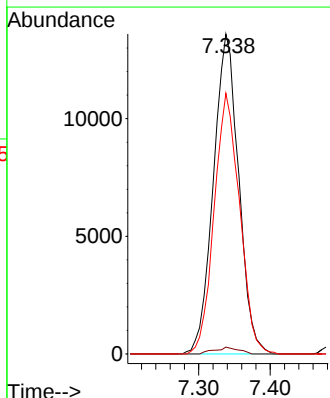
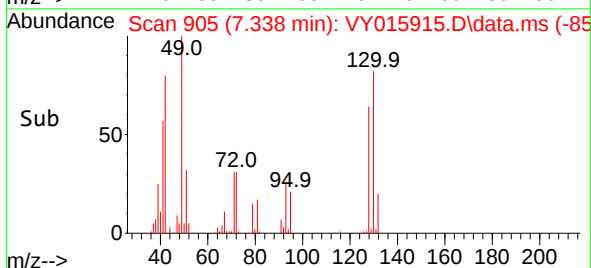
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

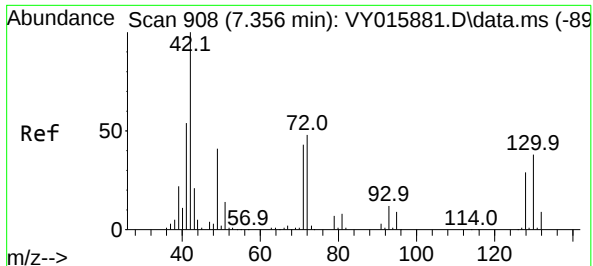


#28
 Bromochloromethane
 Concen: 19.599 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21



Tgt Ion: 49 Resp: 33410
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 85.490 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 42 Resp: 4348

Ion Ratio Lower Upper

42 100

72 46.1 32.8 49.2

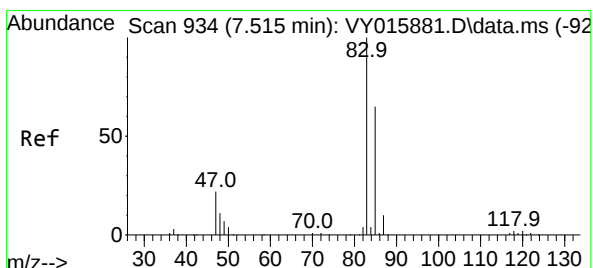
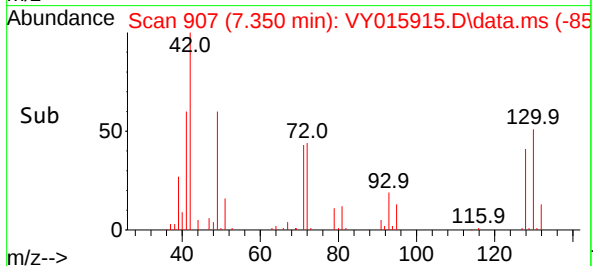
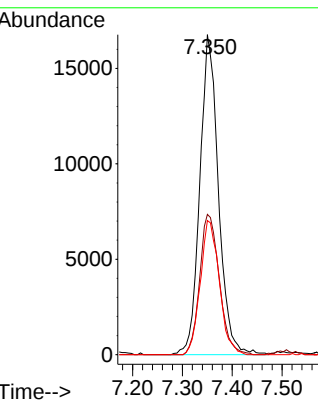
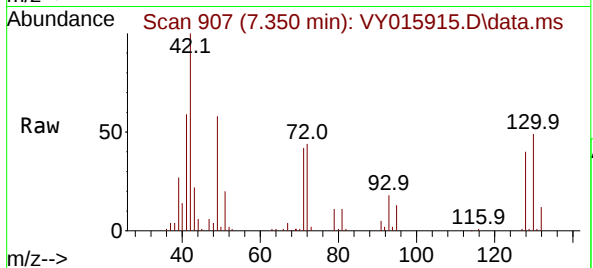
71 42.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#30

Chloroform

Concen: 20.247 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015915.D

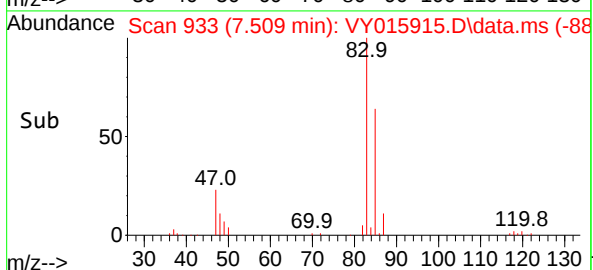
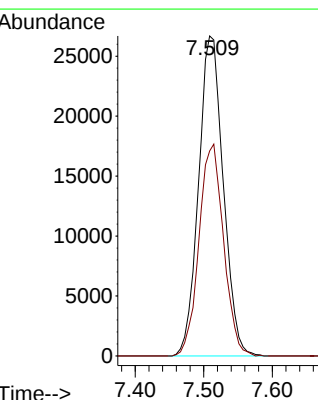
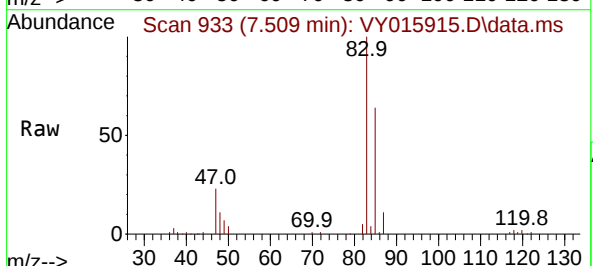
Acq: 11 Oct 2023 11:21

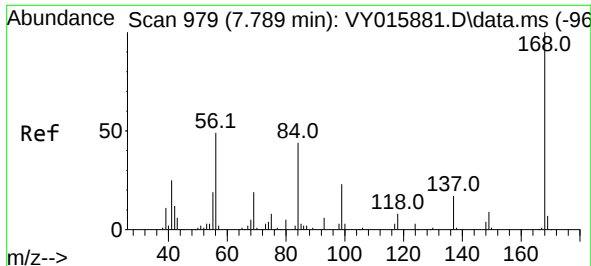
Tgt Ion: 83 Resp: 66797

Ion Ratio Lower Upper

83 100

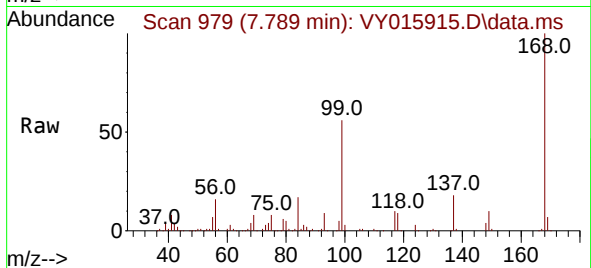
85 64.0 49.7 74.5





#31
Cyclohexane
Concen: 17.722 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

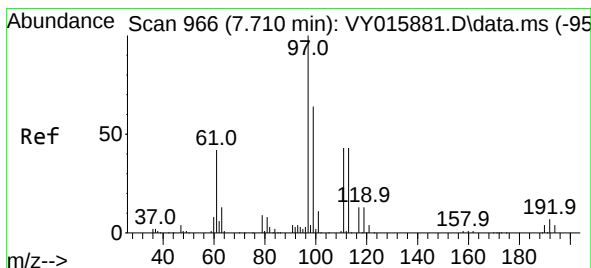
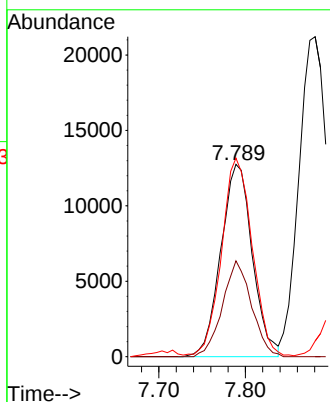
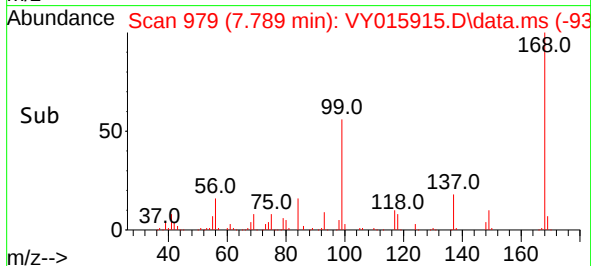
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 56 Resp: 32172
Ion Ratio Lower Upper
56 100
69 49.9 27.8 41.6
84 101.8 66.4 99.6

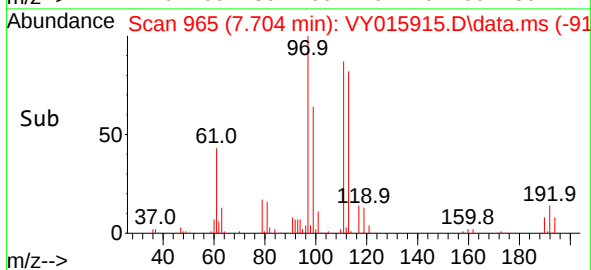
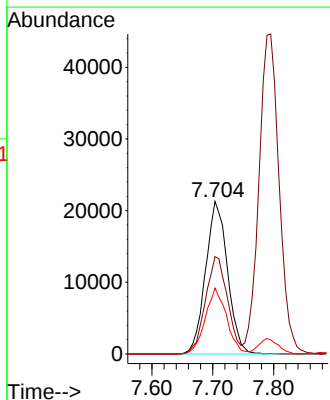
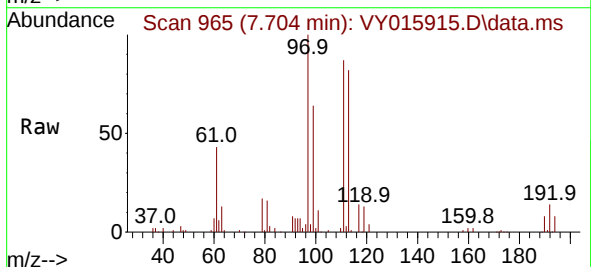
Manual Integrations
APPROVED

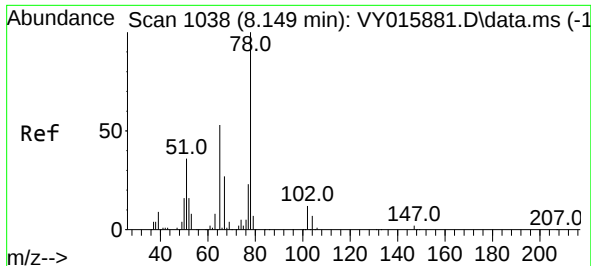
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#32
1,1,1-Trichloroethane
Concen: 19.787 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 97 Resp: 53311
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.683 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 65 Resp: 79129

Ion Ratio Lower Upper

65 100

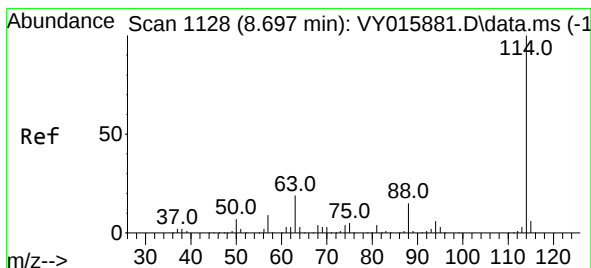
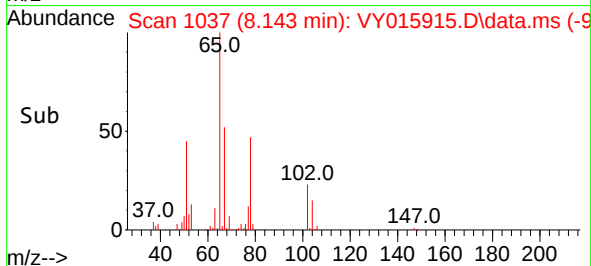
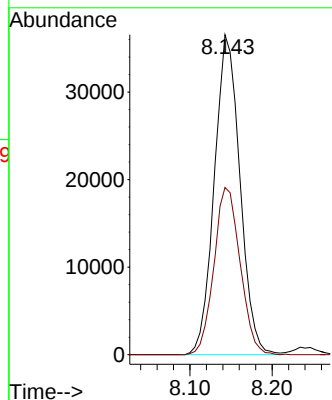
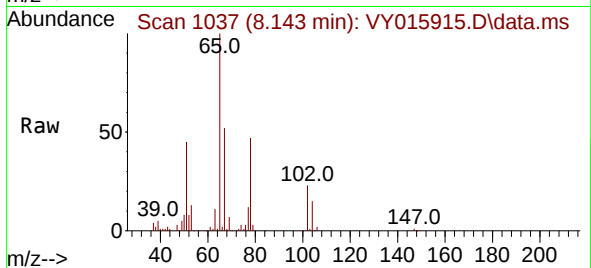
67 53.3 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

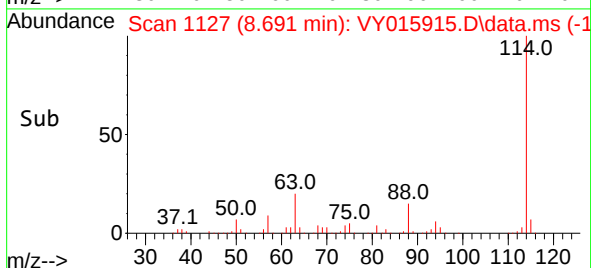
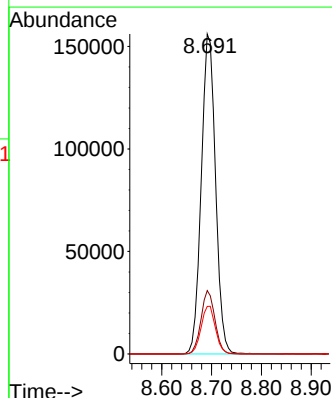
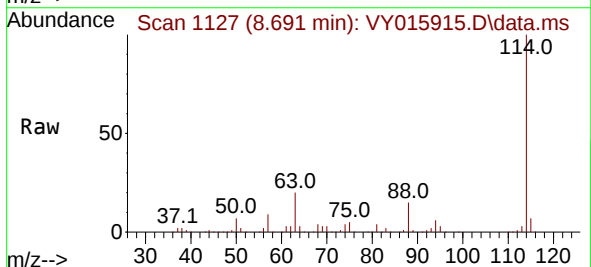
Tgt Ion:114 Resp: 309533

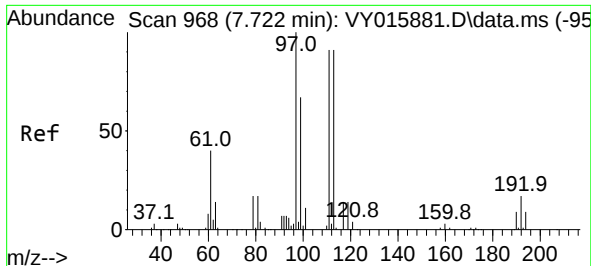
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

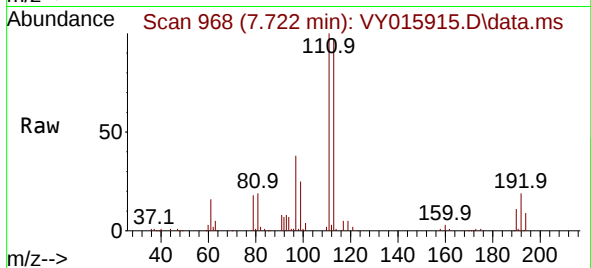
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.553 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

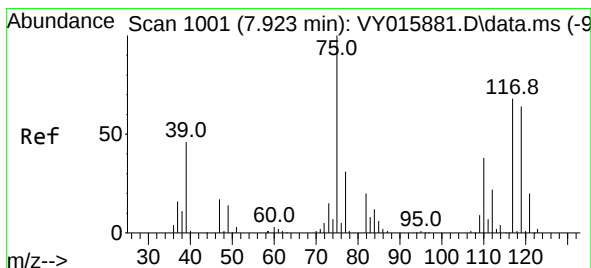
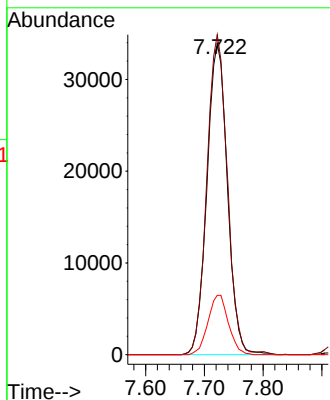
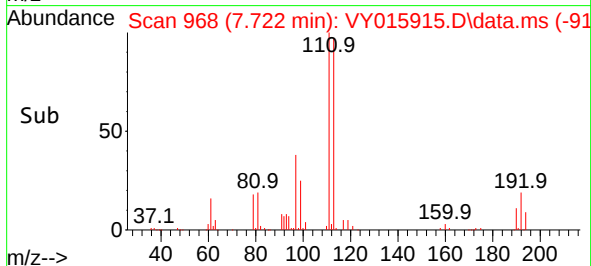
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



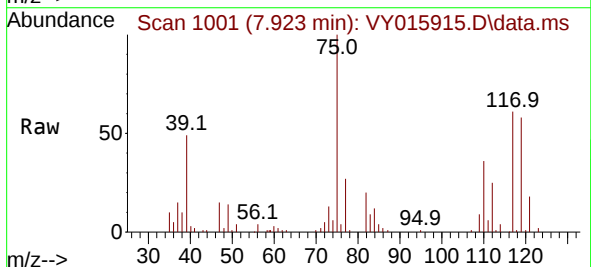
Tgt Ion:113 Resp: 82100
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.1 16.9 25.3

Manual Integrations
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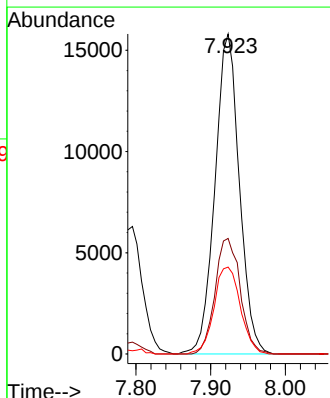
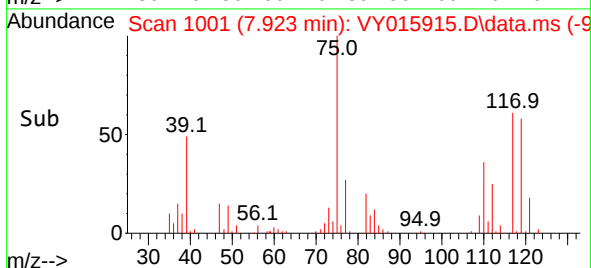
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

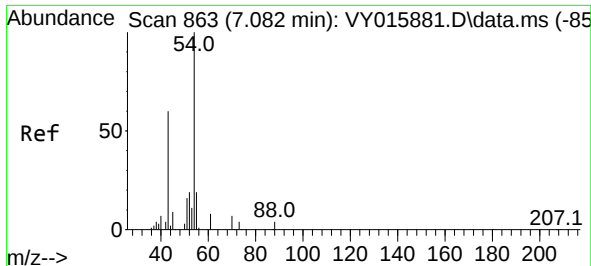


#36
1,1-Dichloropropene
Concen: 18.772 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



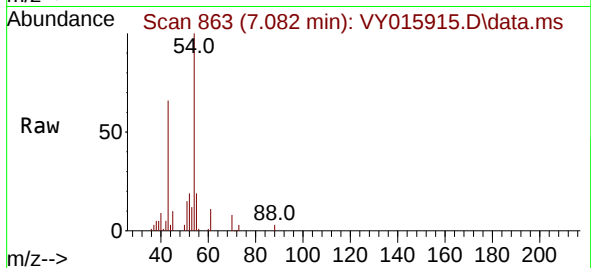
Tgt Ion: 75 Resp: 35894
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 29.3 24.4 36.6





#37
Ethyl Acetate
Concen: 18.417 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

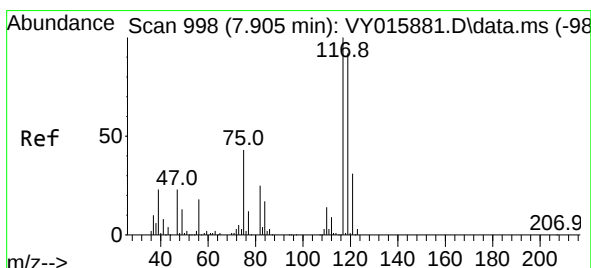
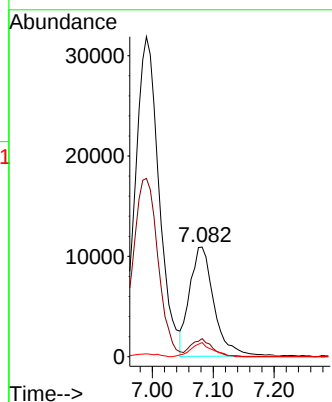
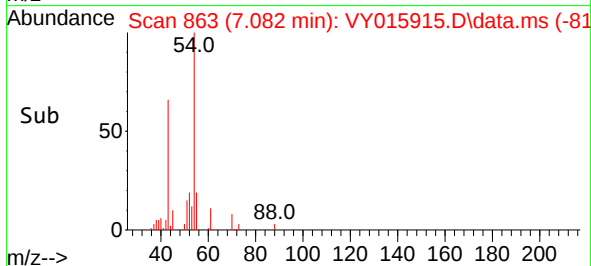
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 43 Resp: 30244
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 11.3 7.1 10.7

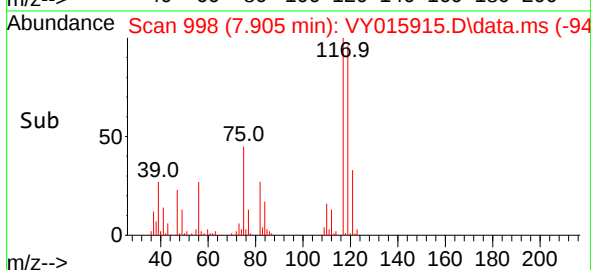
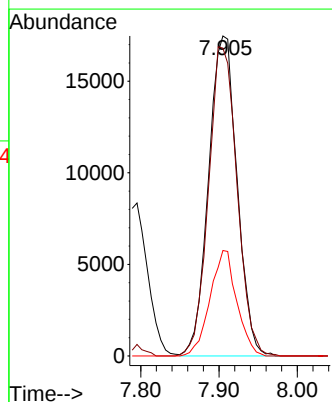
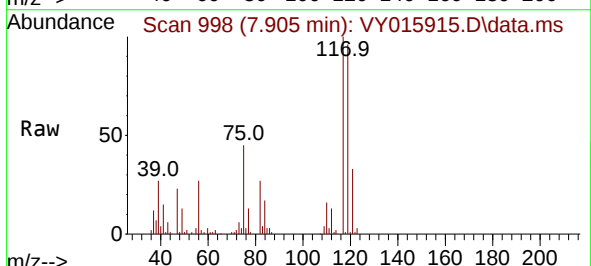
Manual Integrations
APPROVED

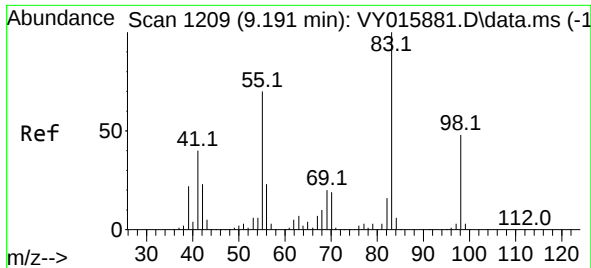
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#38
Carbon Tetrachloride
Concen: 19.276 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:117 Resp: 44265
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
121 32.9 25.8 38.6





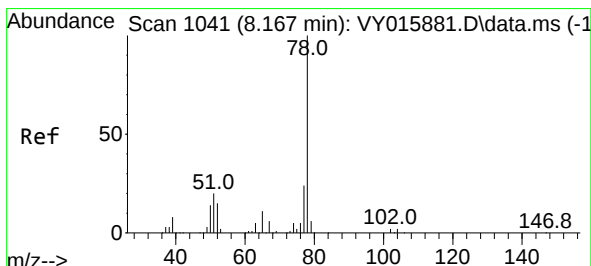
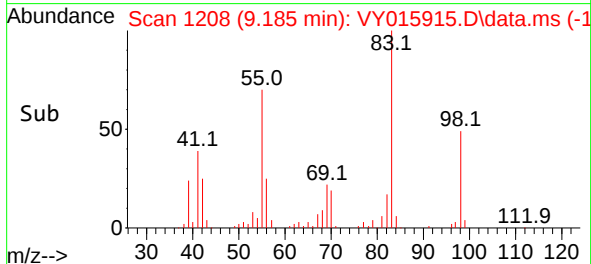
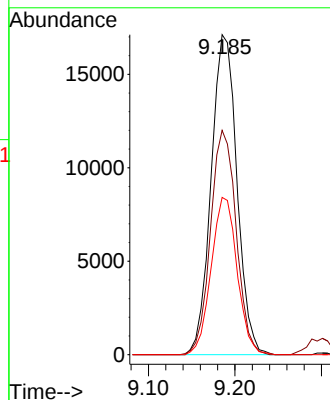
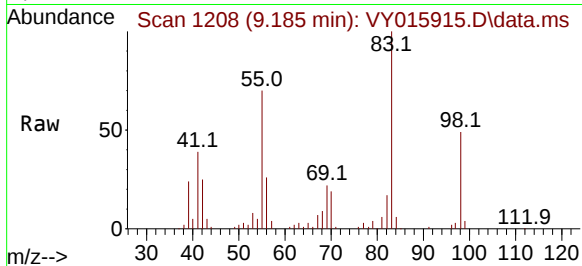
#39
Methylcyclohexane
Concen: 18.246 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 83 Resp: 35438
Ion Ratio Lower Upper
83 100
55 70.1 63.0 94.4
98 49.2 37.4 56.2

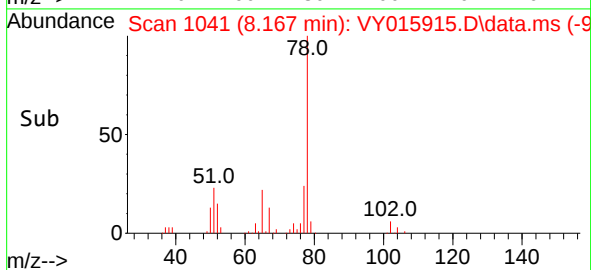
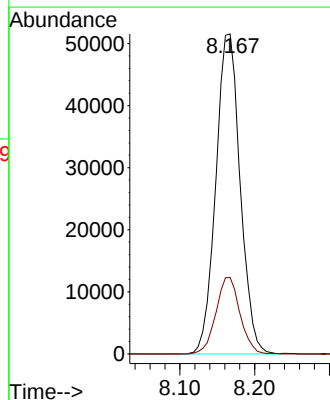
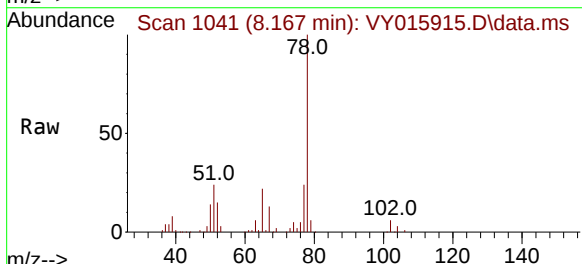
Manual Integrations
APPROVED

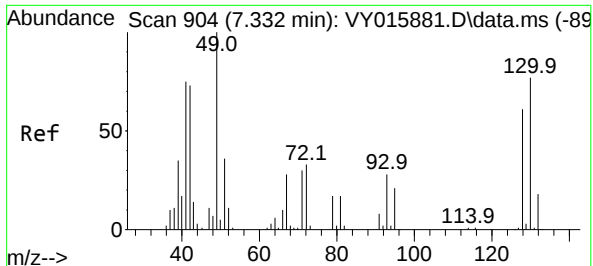
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#40
Benzene
Concen: 19.423 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

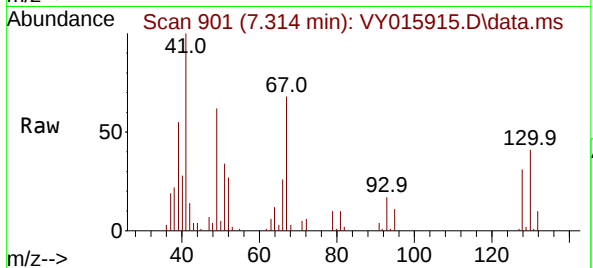
Tgt Ion: 78 Resp: 116718
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 18.758 ug/l m
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

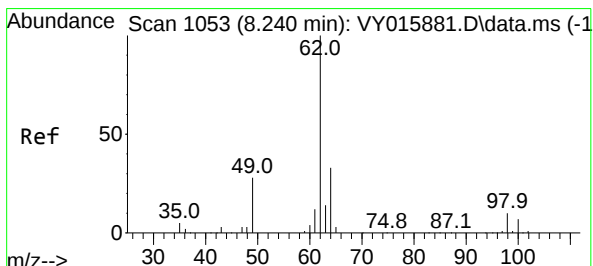
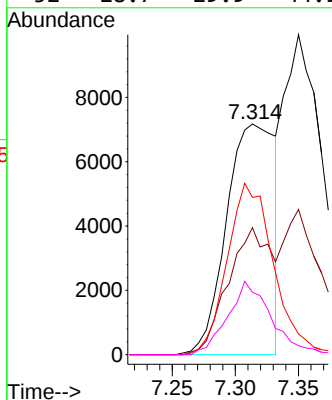
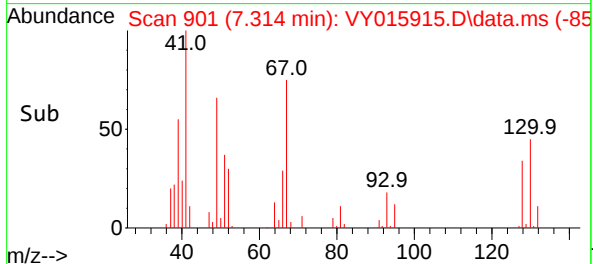
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 41 Resp: 19160
Ion Ratio Lower Upper
41 100
39 49.9 52.1 78.1
67 71.7 66.2 99.2
52 28.7 29.9 44.9

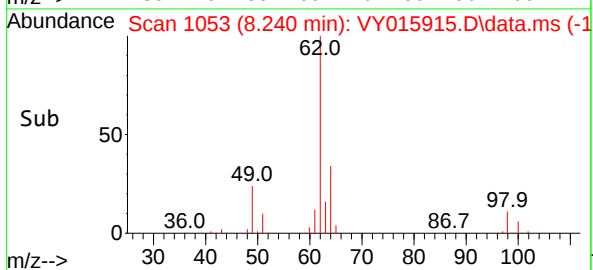
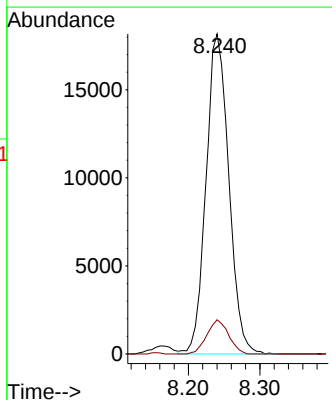
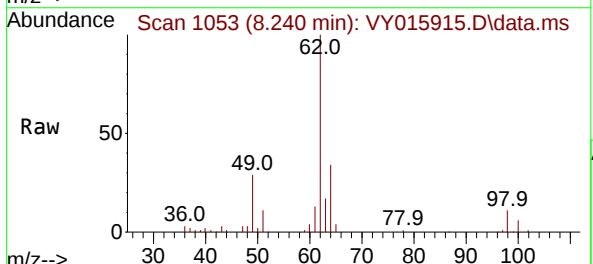
Manual Integrations
APPROVED

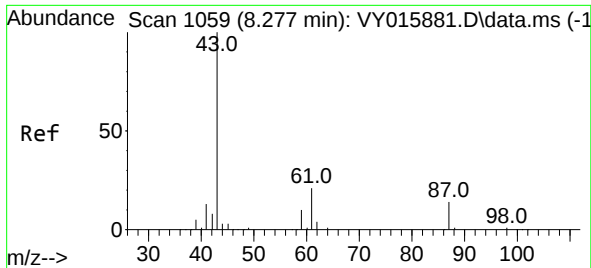
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#42
1,2-Dichloroethane
Concen: 19.616 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 62 Resp: 40182
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.747 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

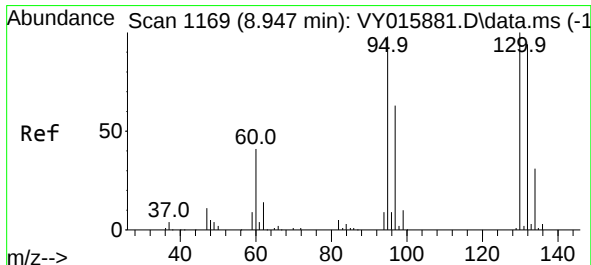
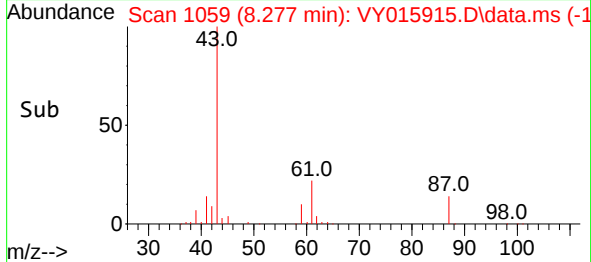
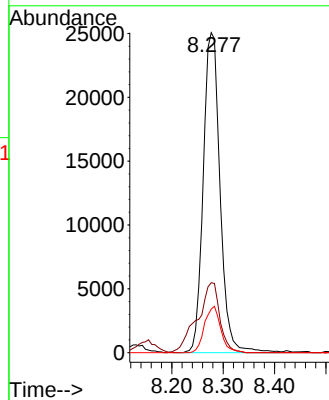
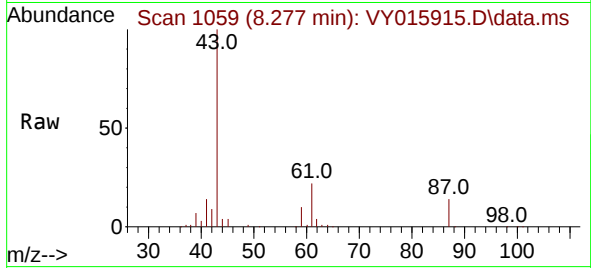
Tgt Ion: 43	Resp: 5698
Ion Ratio	Lower Upper
43 100	
61 29.1	21.1 31.7
87 14.0	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#44

Trichloroethene

Concen: 19.772 ug/l

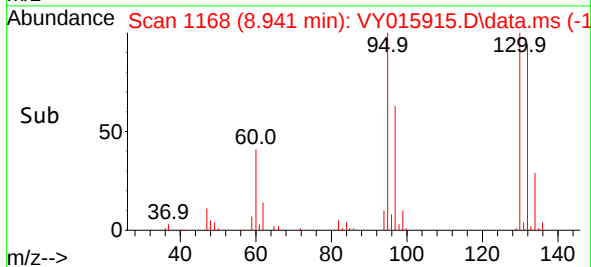
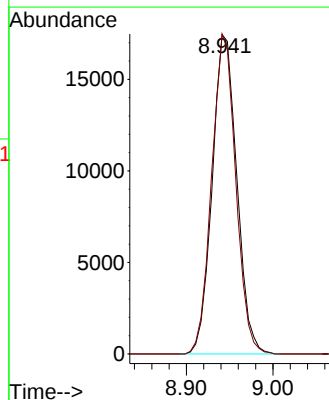
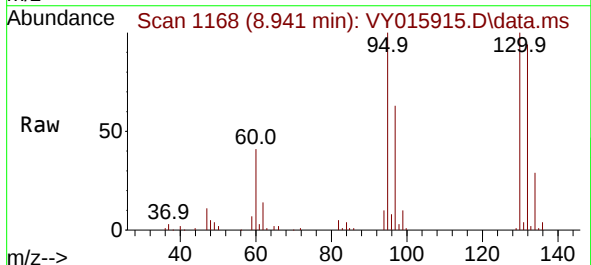
RT: 8.941 min Scan# 1168

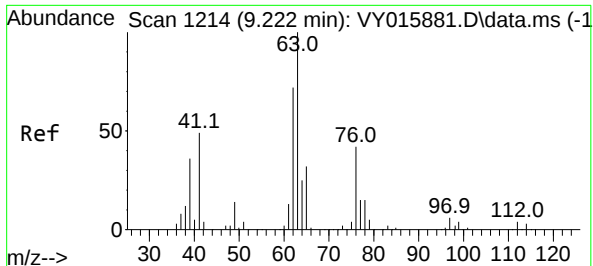
Delta R.T. -0.006 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:130	Resp: 34381
Ion Ratio	Lower Upper
130 100	
95 100.2	0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.380 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 63 Resp: 3683

Ion Ratio Lower Upper

63 100

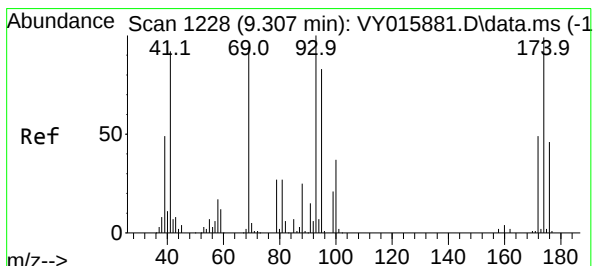
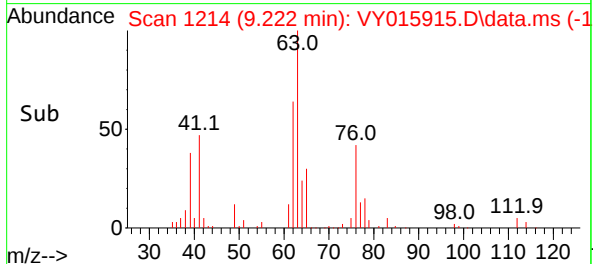
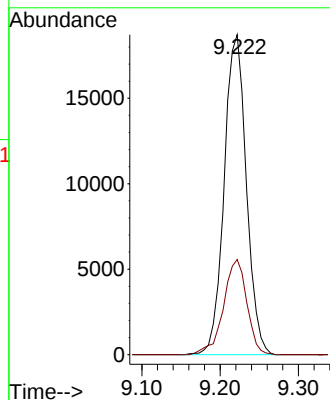
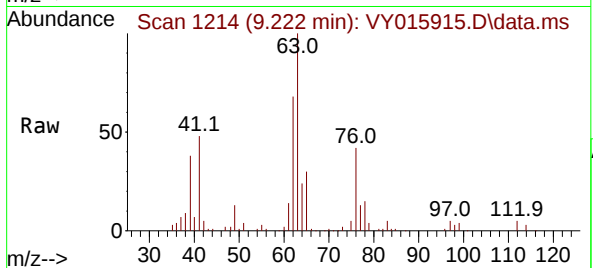
65 29.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 19.538 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

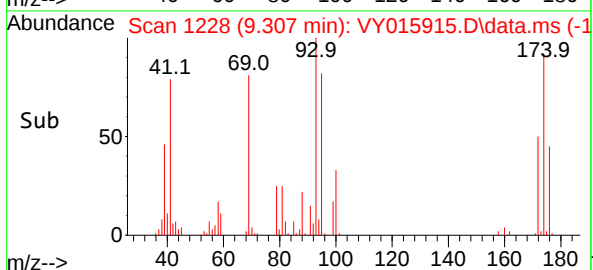
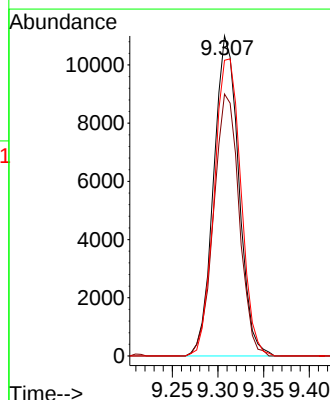
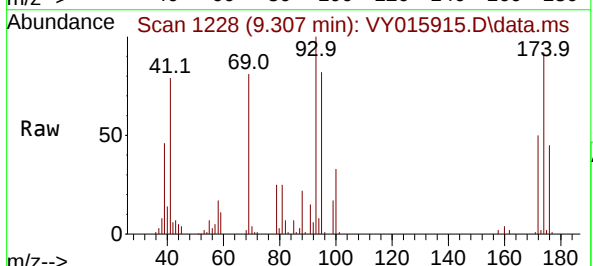
Tgt Ion: 93 Resp: 21015

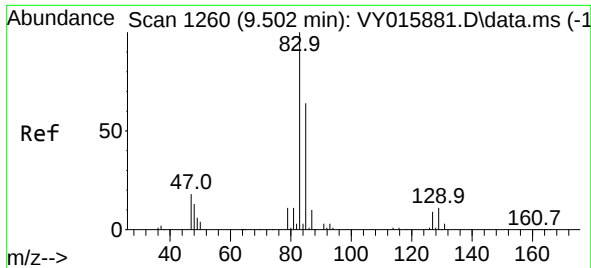
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 98.6 84.8 127.2





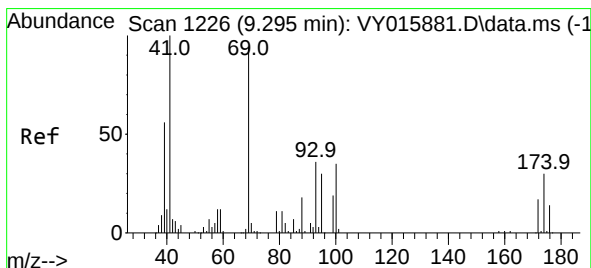
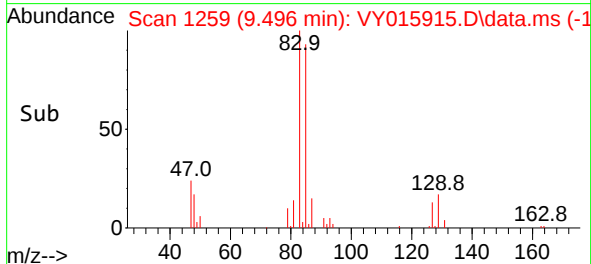
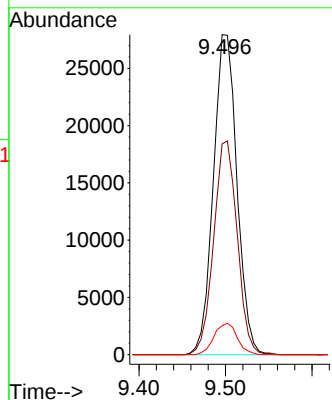
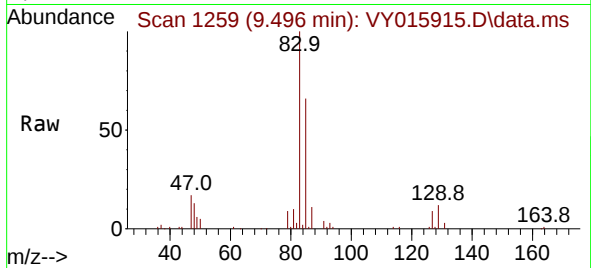
#47
Bromodichloromethane
Concen: 19.788 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 83 Resp: 52934
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 9.0 7.1 10.7

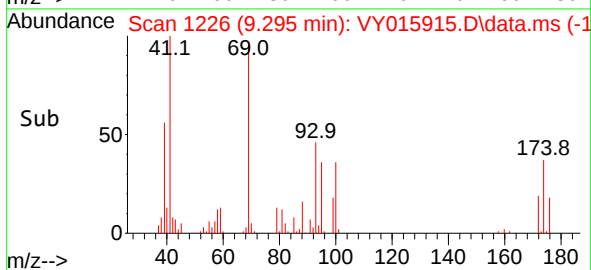
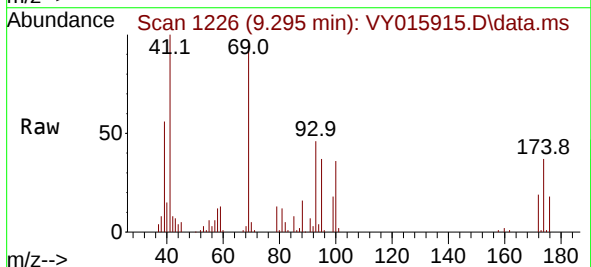
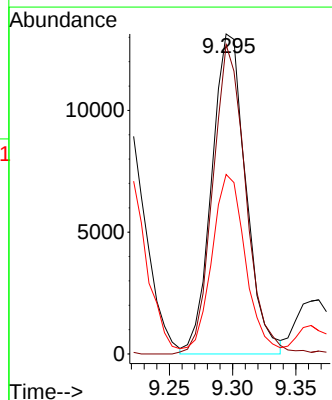
Manual Integrations
APPROVED

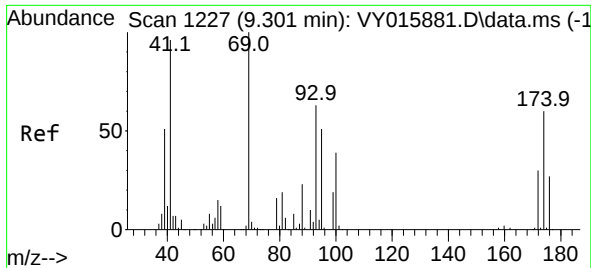
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#48
Methyl methacrylate
Concen: 18.357 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

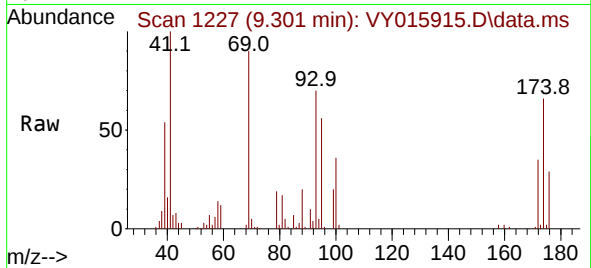
Tgt Ion: 41 Resp: 24644
Ion Ratio Lower Upper
41 100
69 93.8 64.5 96.7
39 55.5 50.8 76.2





#49
1,4-Dioxane
Concen: 346.300 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

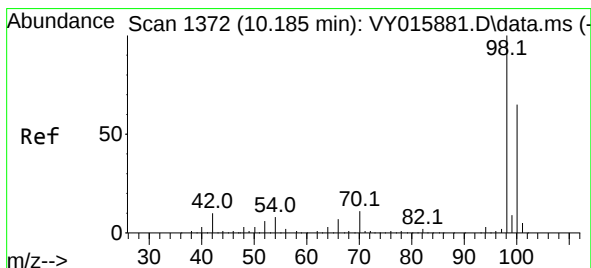
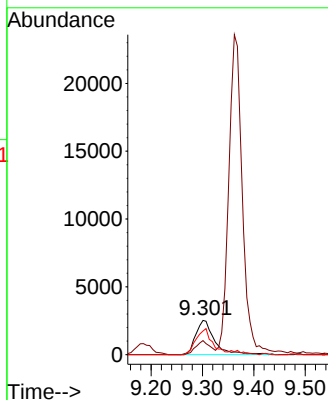
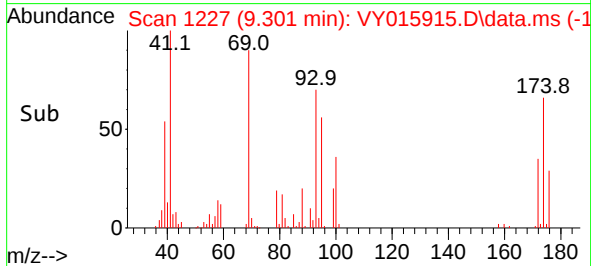
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



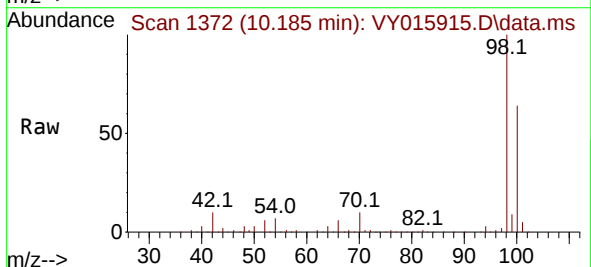
Tgt Ion: 88 Resp: 6475
Ion Ratio Lower Upper
88 100
43 31.1 0.0 0.0
58 65.6 30.9 46.3

Manual Integrations
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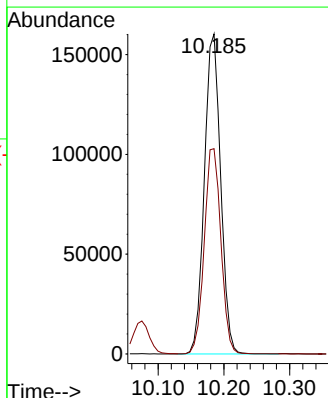
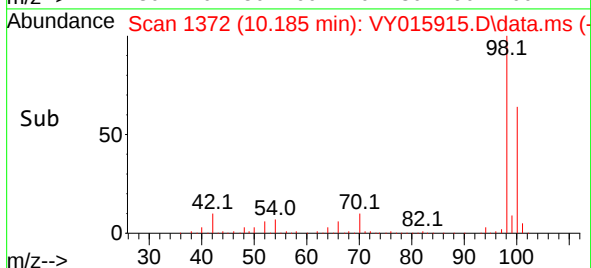
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

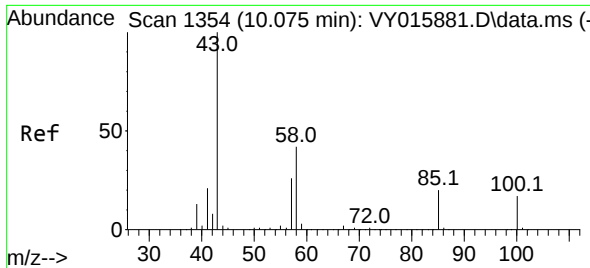


#50
Toluene-d8
Concen: 48.558 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 98 Resp: 276299
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1





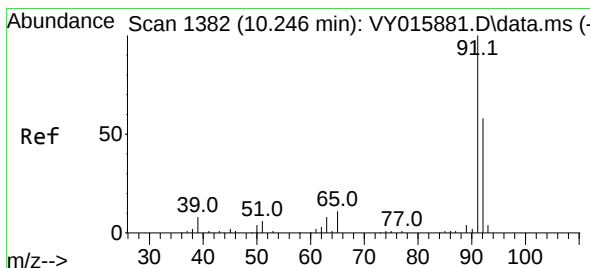
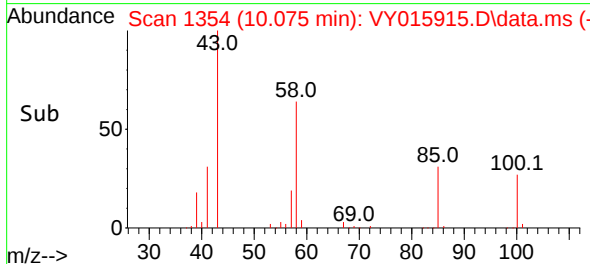
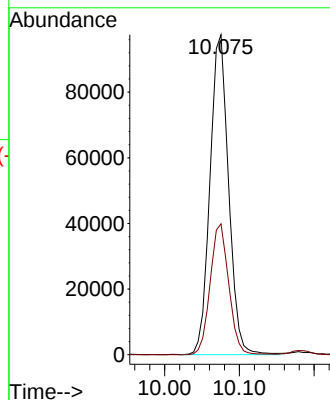
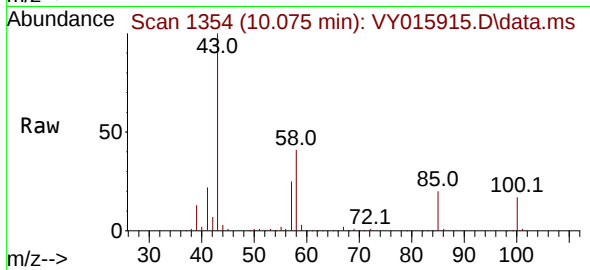
#51
4-Methyl-2-Pentanone
Concen: 92.771 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 43 Resp: 16872
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6

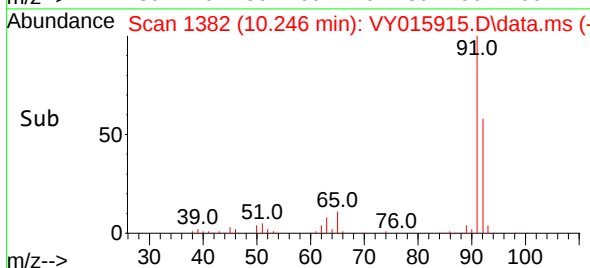
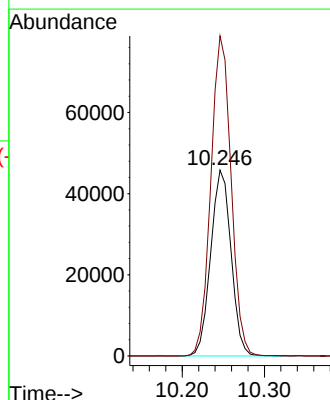
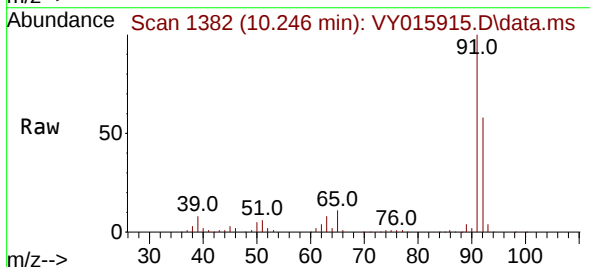
Manual Integrations
APPROVED

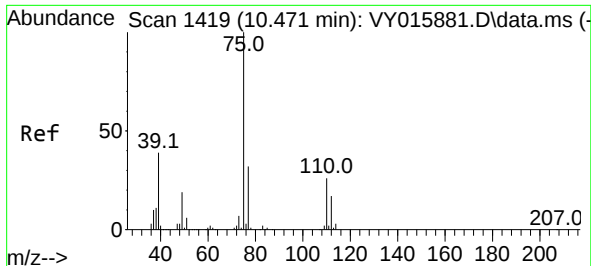
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#52
Toluene
Concen: 19.739 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

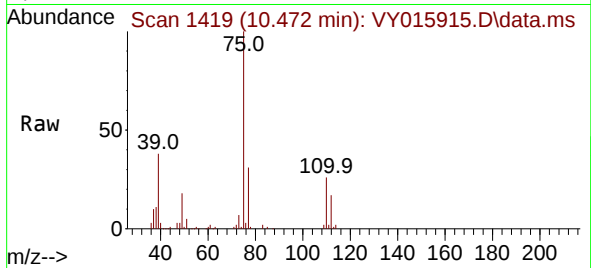
Tgt Ion: 92 Resp: 78734
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.428 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

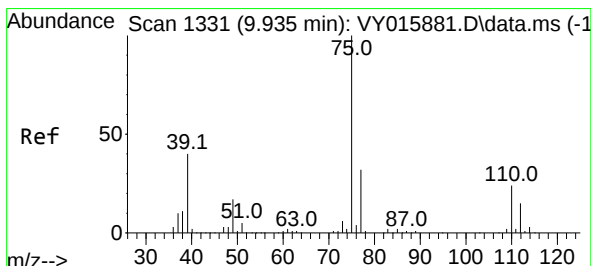
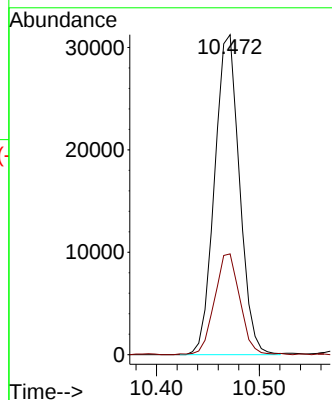
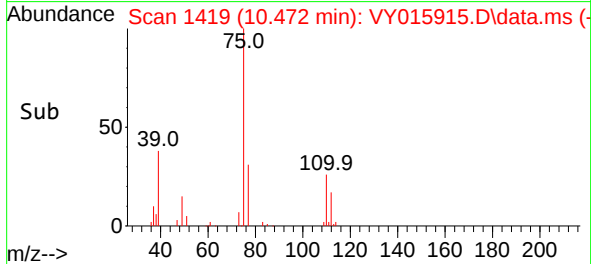
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 75 Resp: 52540
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

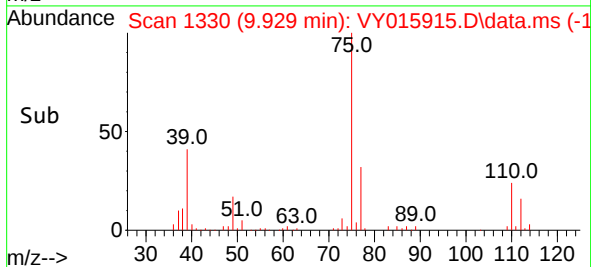
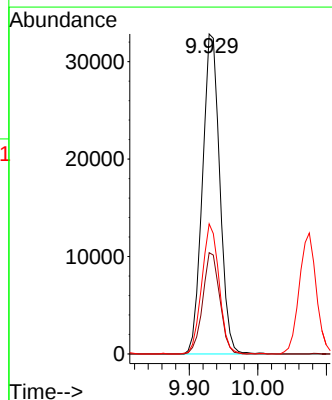
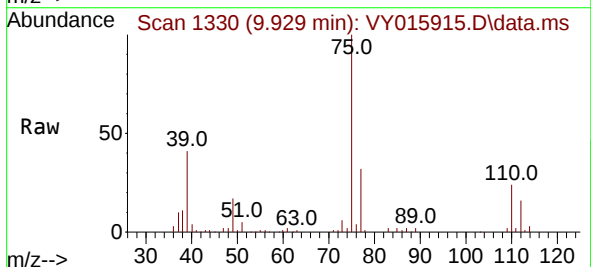
Manual Integrations
APPROVED

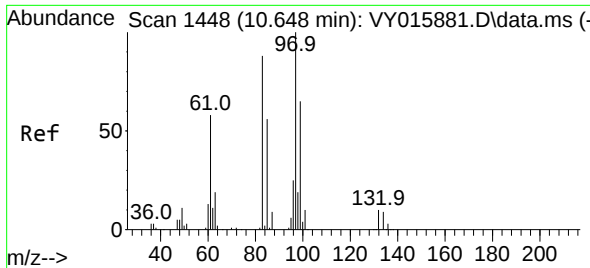
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#54
cis-1,3-Dichloropropene
Concen: 19.721 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

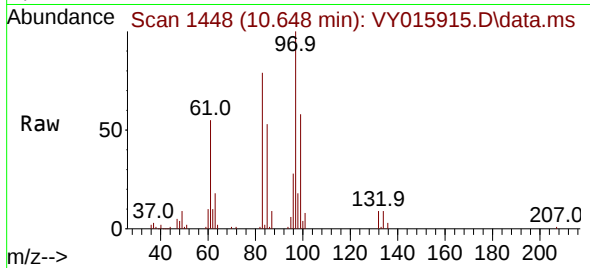
Tgt Ion: 75 Resp: 57933
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 40.7 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 20.431 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

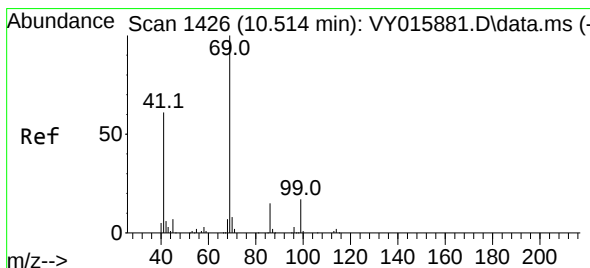
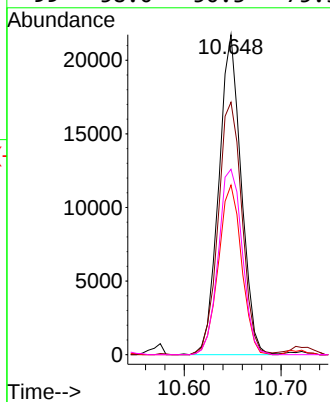
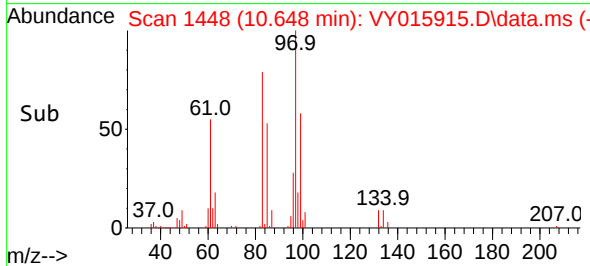
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



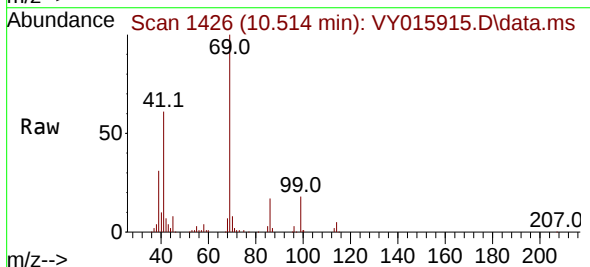
Tgt Ion: 97 Resp: 3499
Ion Ratio Lower Upper
97 100
83 78.9 72.0 108.0
85 53.0 45.4 68.0
99 58.0 50.3 75.5

Manual Integrations
APPROVED

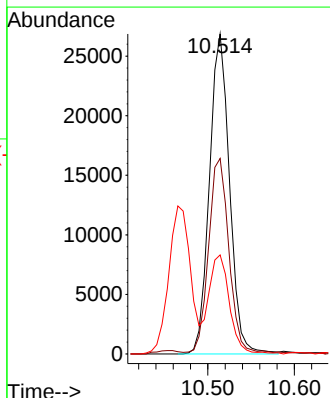
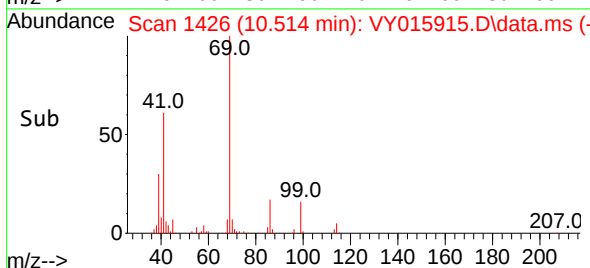
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

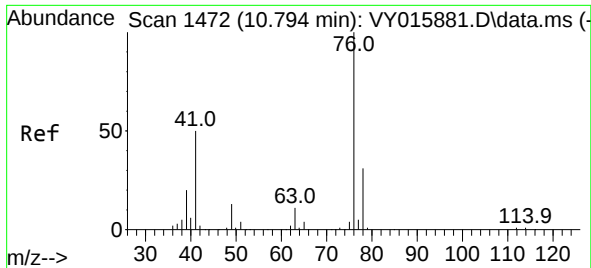


#56
Ethyl methacrylate
Concen: 18.609 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 69 Resp: 43270
Ion Ratio Lower Upper
69 100
41 61.8 57.6 86.4
39 32.3 34.1 51.1#





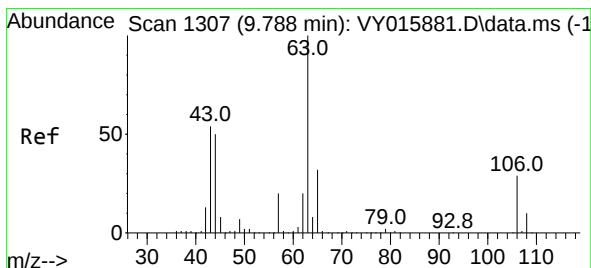
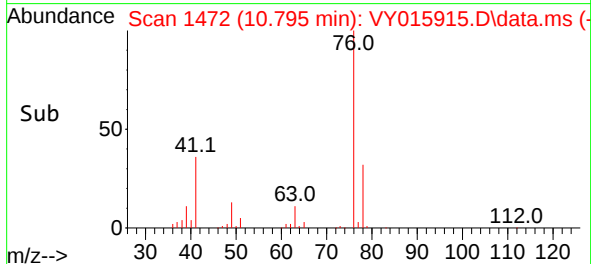
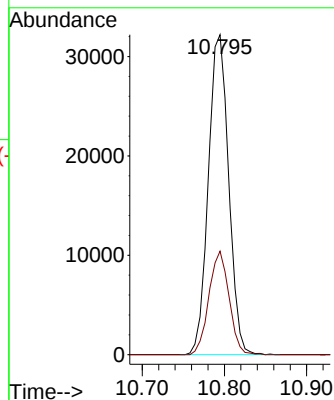
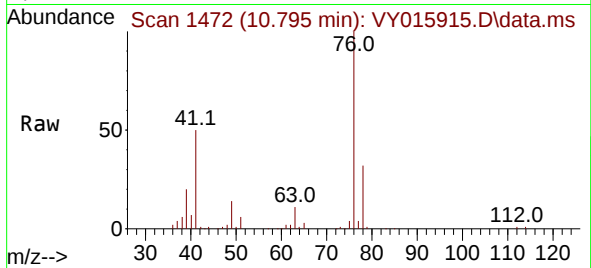
#57
1,3-Dichloropropane
Concen: 20.000 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 76 Resp: 55220
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9

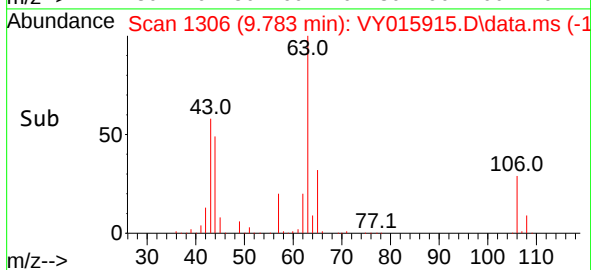
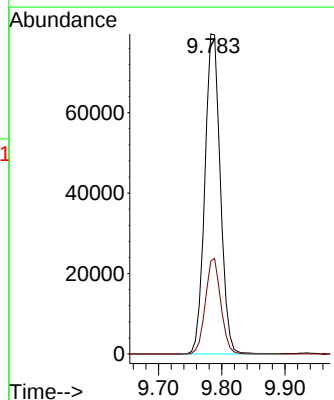
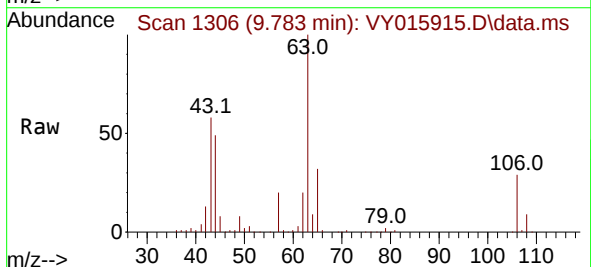
Manual Integrations
APPROVED

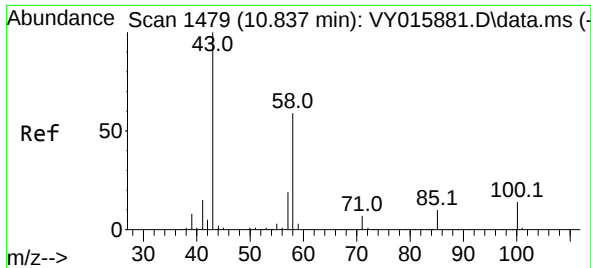
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 95.837 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 63 Resp: 135821
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8





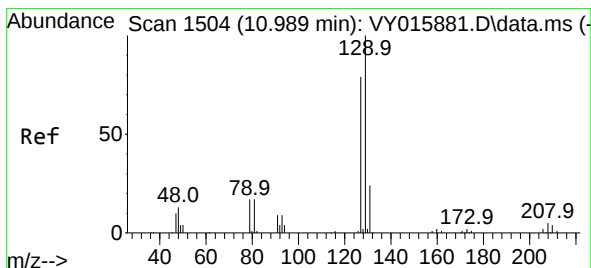
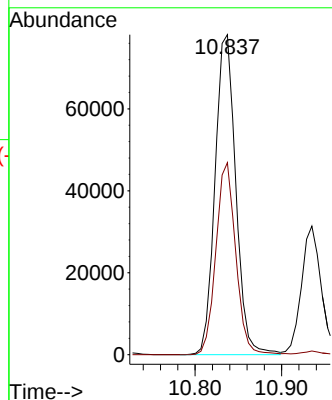
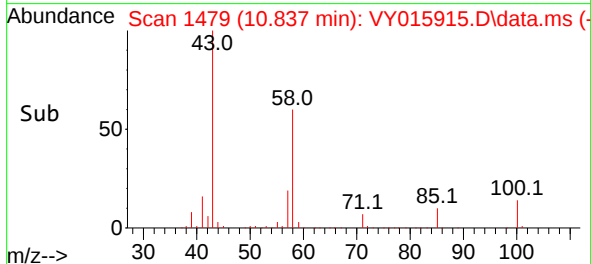
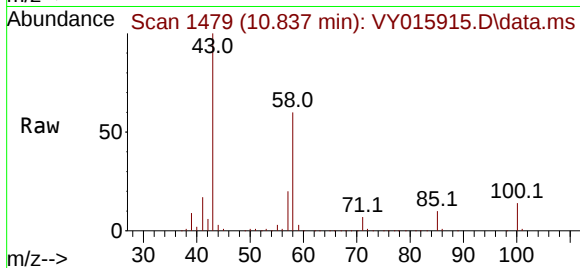
#59
2-Hexanone
Concen: 94.394 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 43 Resp: 129880
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3

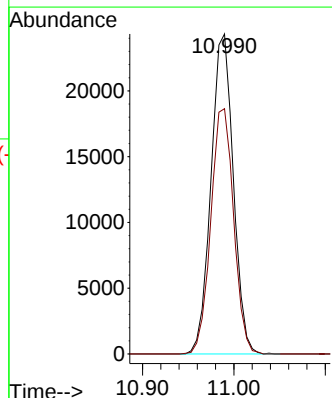
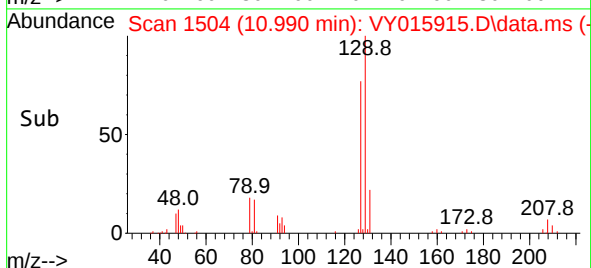
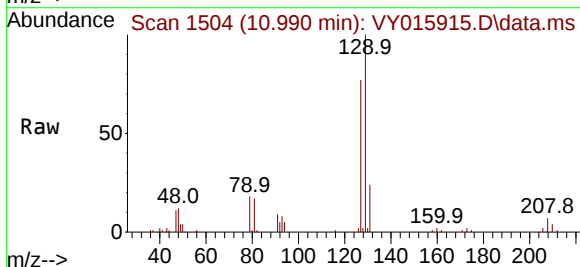
Manual Integrations
APPROVED

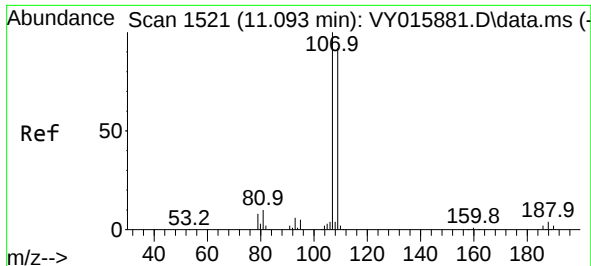
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

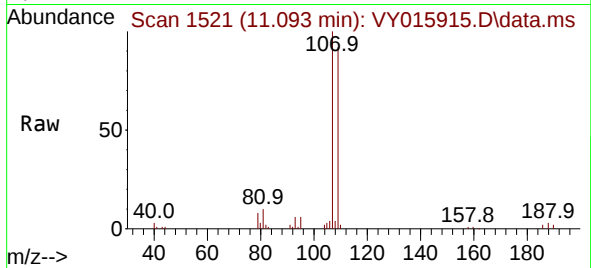
Tgt Ion:129 Resp: 41155
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.421 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

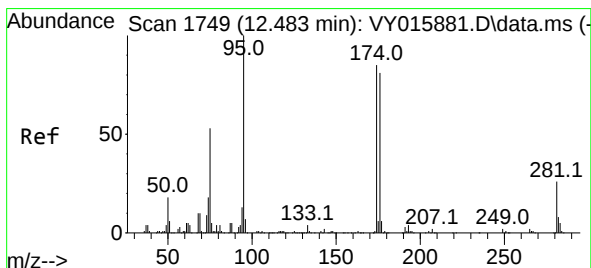
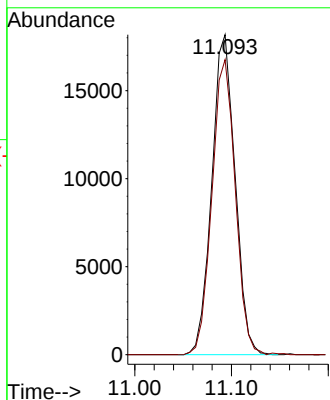
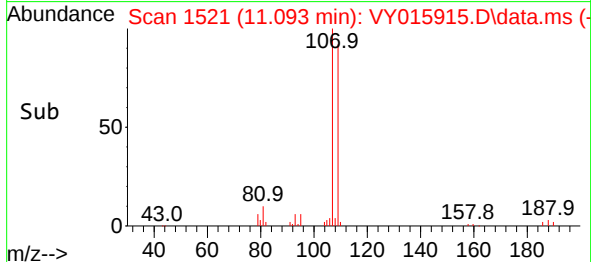
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



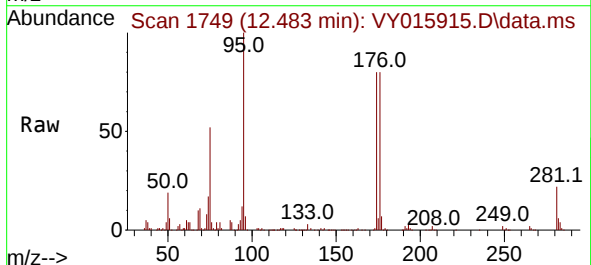
Tgt Ion:107 Resp: 30379
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

Manual Integrations
APPROVED

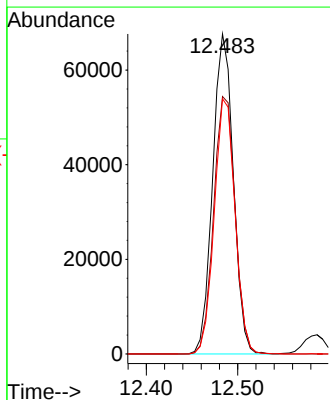
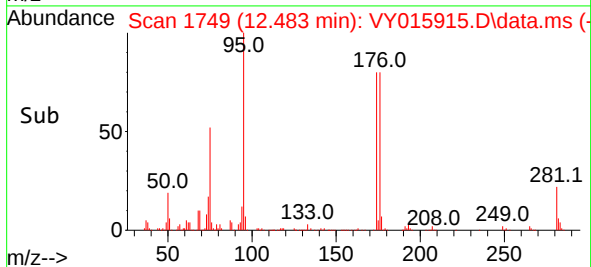
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

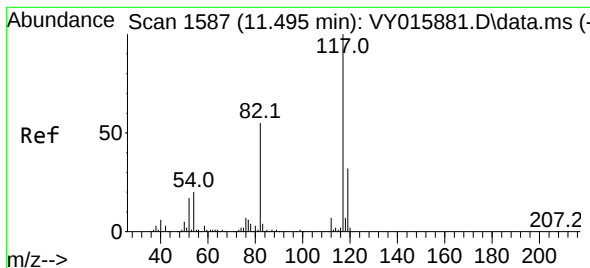


#62
4-Bromofluorobenzene
Concen: 45.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



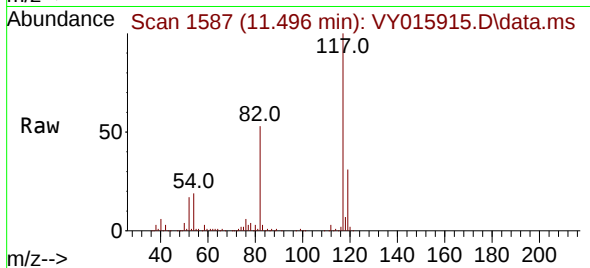
Tgt Ion: 95 Resp: 106121
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.4 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

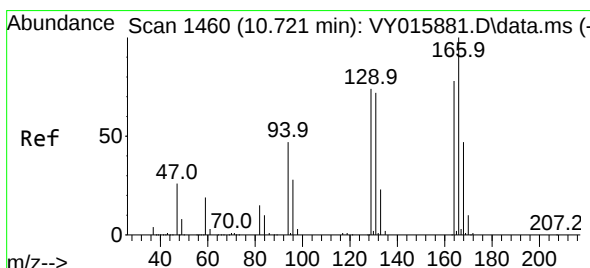
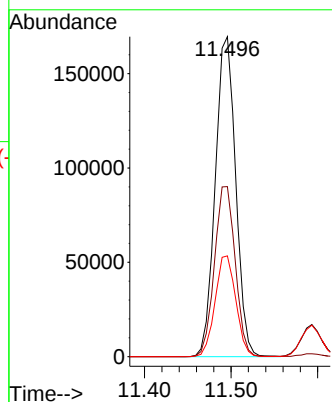
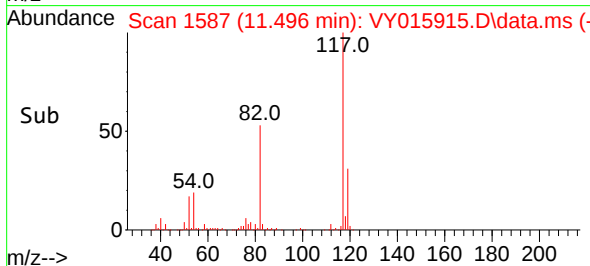
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion:117 Resp: 277828
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.5 26.3 39.5

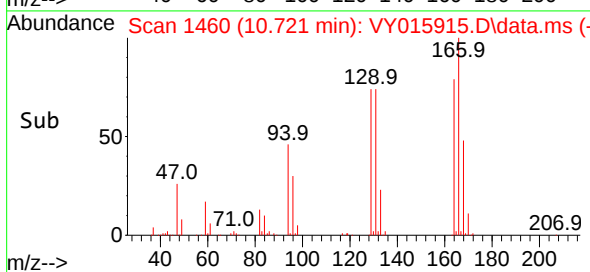
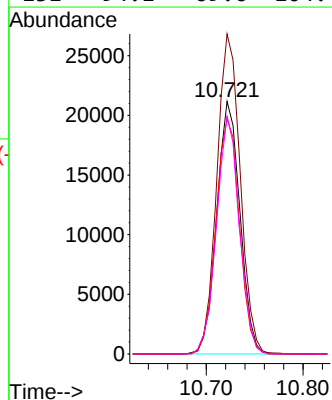
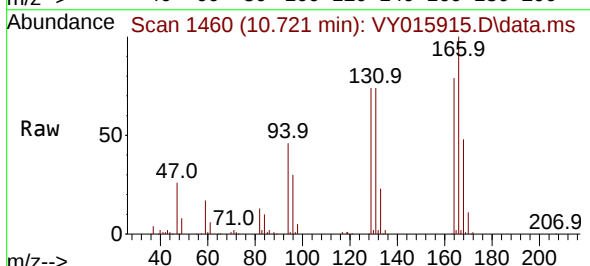
Manual Integrations
APPROVED

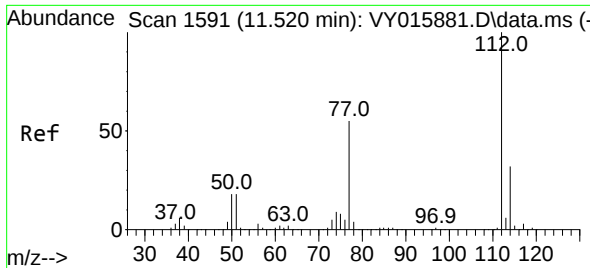
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#64
Tetrachloroethene
Concen: 19.441 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

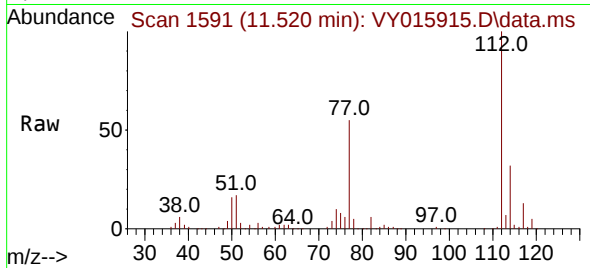
Tgt Ion:164 Resp: 35248
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 93.3 77.2 115.8
131 94.1 69.6 104.4





#65
Chlorobenzene
Concen: 20.030 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

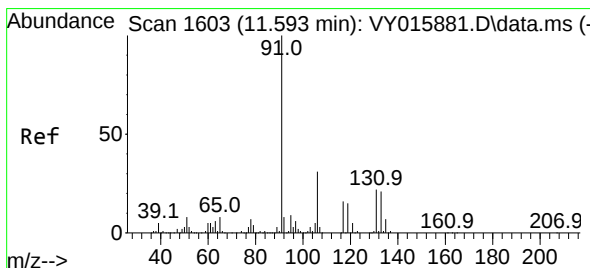
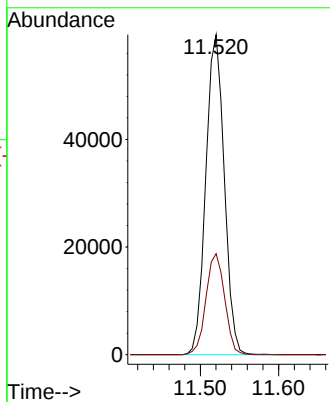
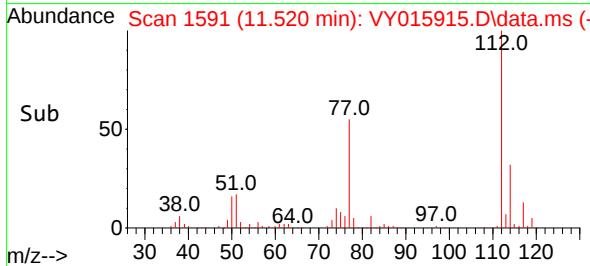
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



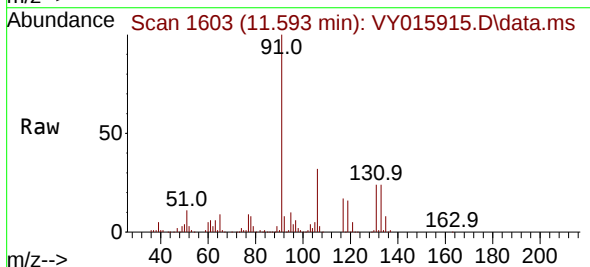
Tgt Ion:112 Resp: 97060
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

Manual Integrations
APPROVED

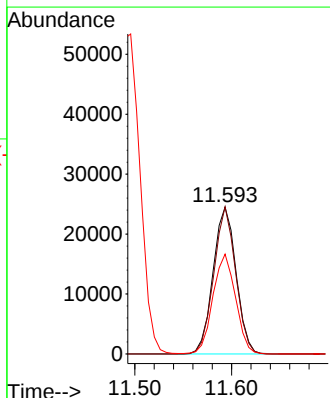
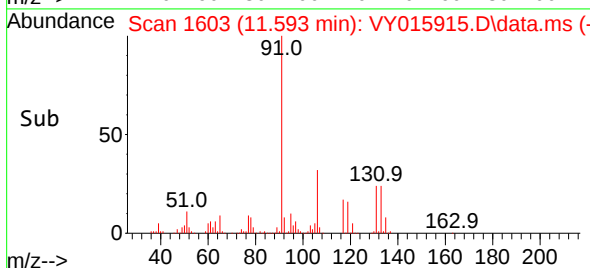
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

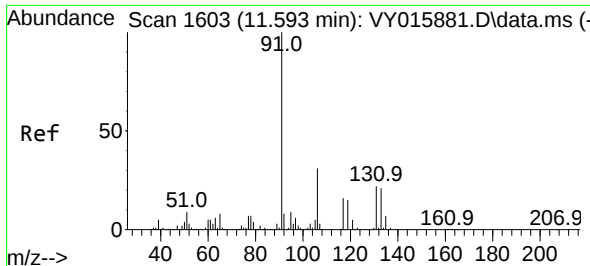


#66
1,1,1,2-Tetrachloroethane
Concen: 20.412 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



Tgt Ion:131 Resp: 40431
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.6
119 67.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.881 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion: 91 Resp: 16529

Ion Ratio Lower Upper

91 100

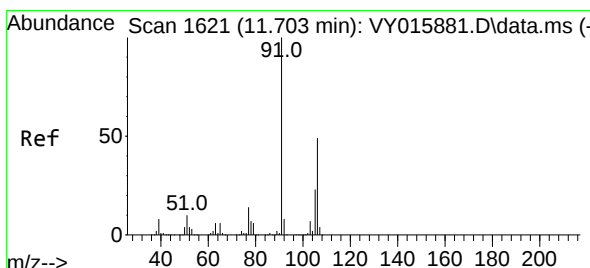
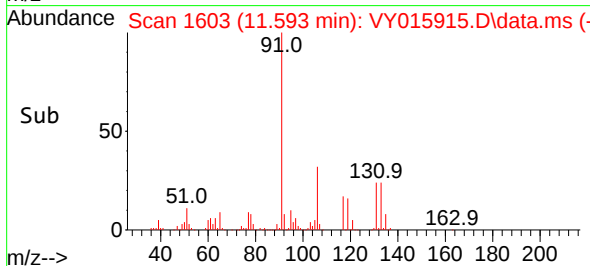
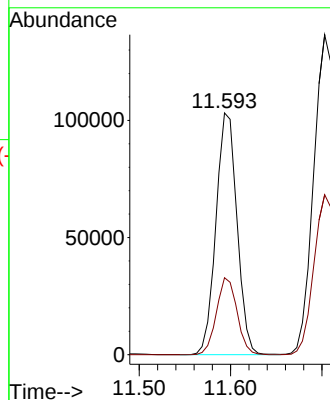
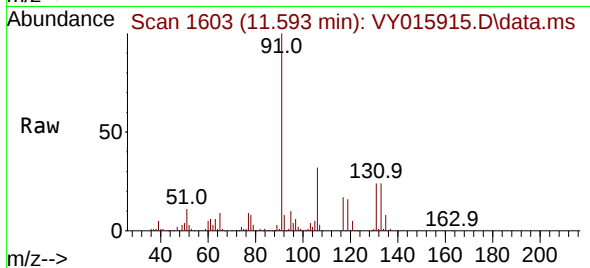
106 31.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#68

m/p-Xylenes

Concen: 39.794 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015915.D

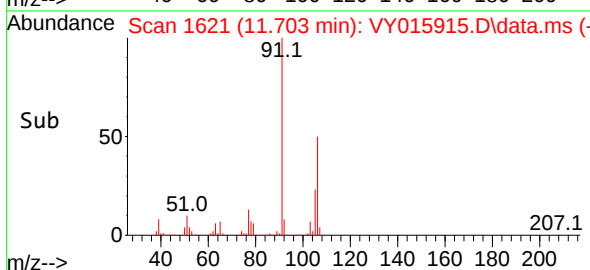
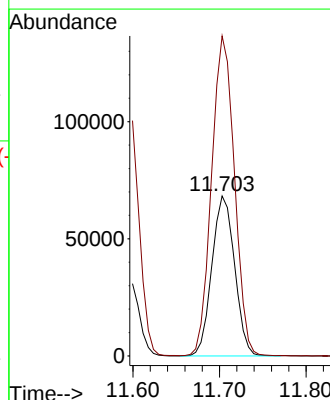
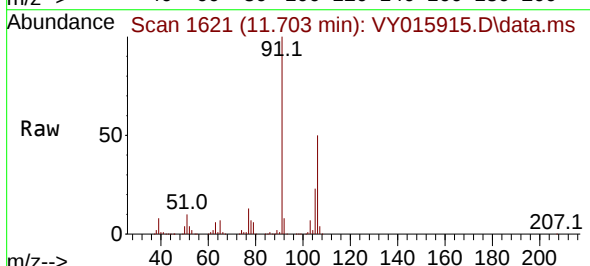
Acq: 11 Oct 2023 11:21

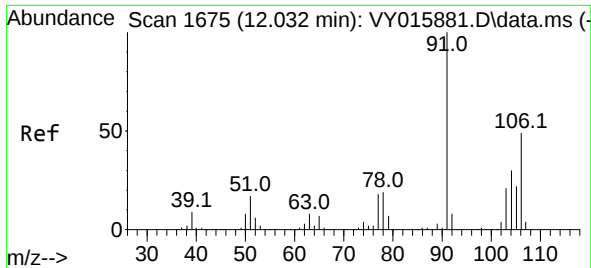
Tgt Ion:106 Resp: 124665

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1





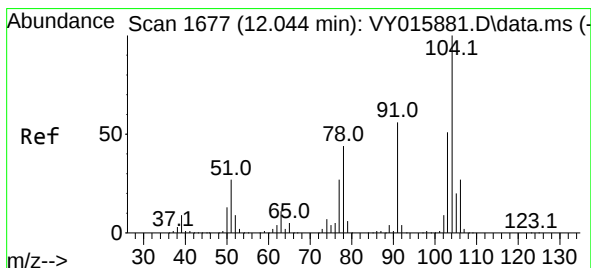
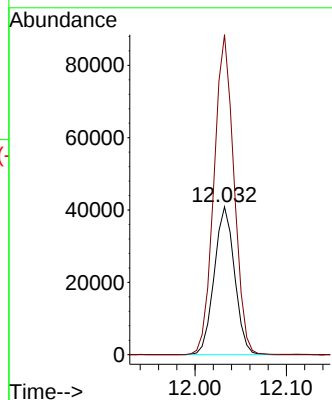
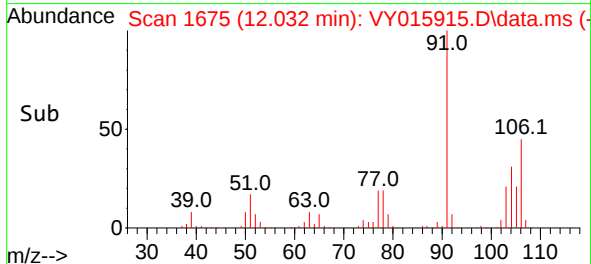
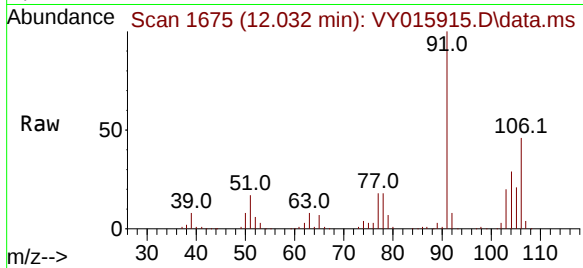
#69
o-Xylene
Concen: 20.173 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion:106 Resp: 63230
Ion Ratio Lower Upper
106 100
91 213.0 108.1 324.3

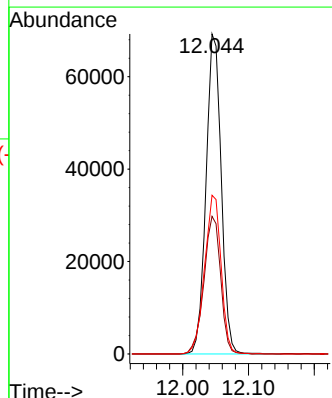
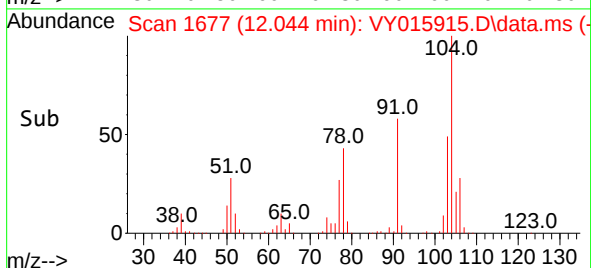
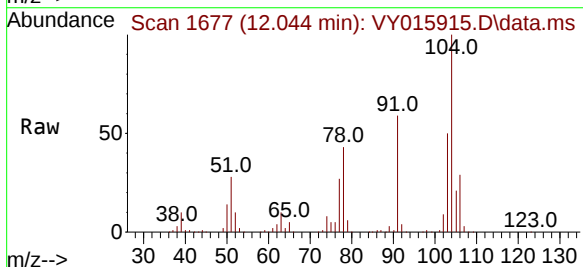
Manual Integrations
APPROVED

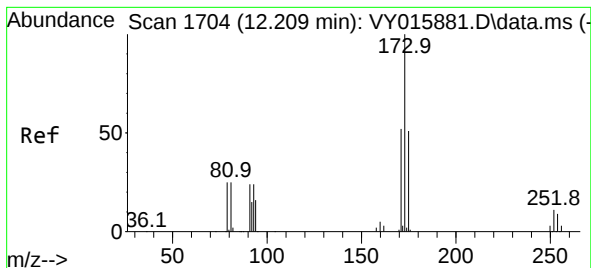
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 20.359 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion:104 Resp: 111339
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 53.9 44.6 67.0





#71

Bromoform

Concen: 19.649 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

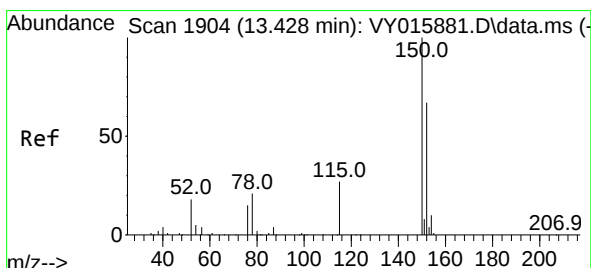
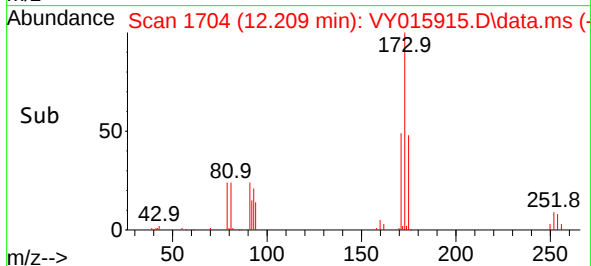
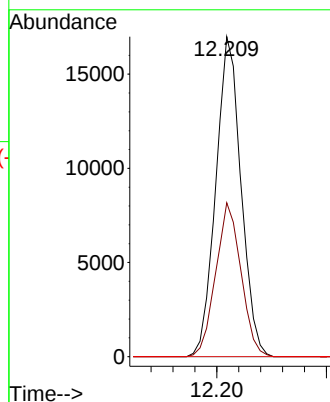
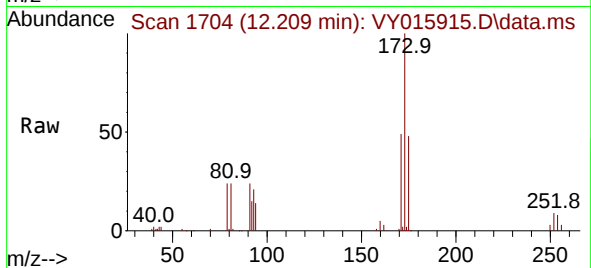
Tgt Ion:	173	Resp:	2710
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

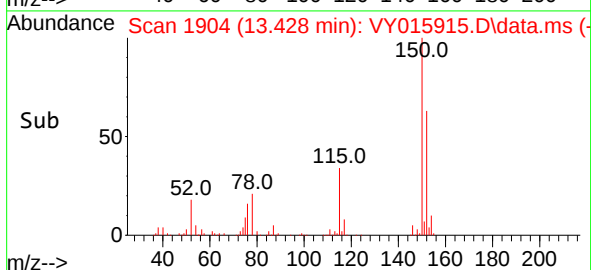
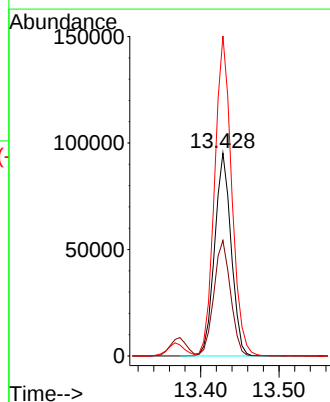
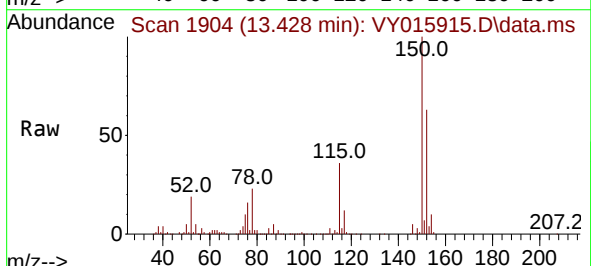
RT: 13.428 min Scan# 1904

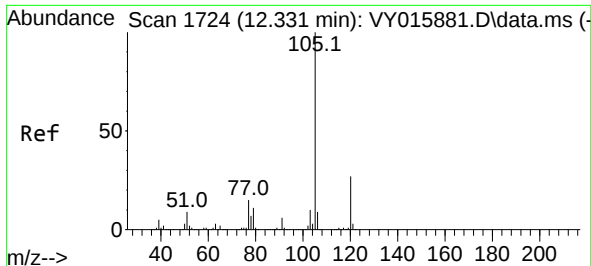
Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:	152	Resp:	139273
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.8	86.5
150	163.0	0.0	348.8





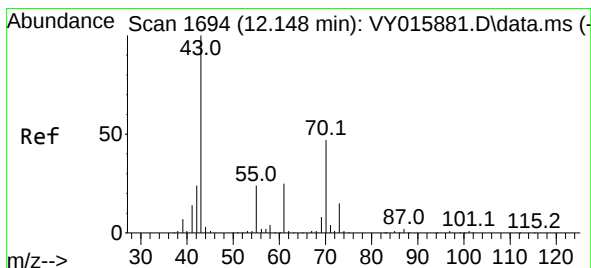
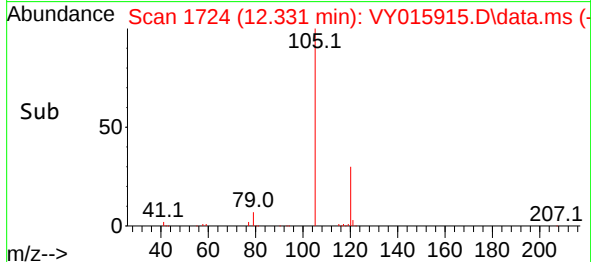
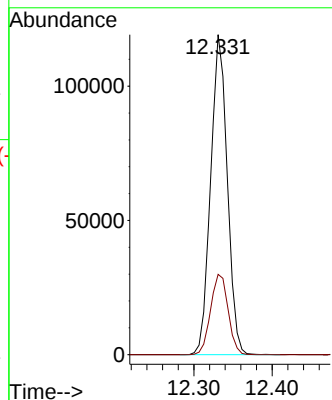
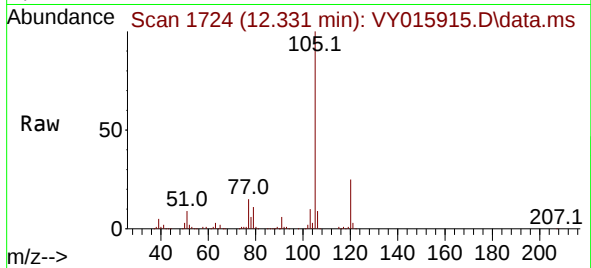
#73
Isopropylbenzene
Concen: 19.972 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion:105 Resp: 17546
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

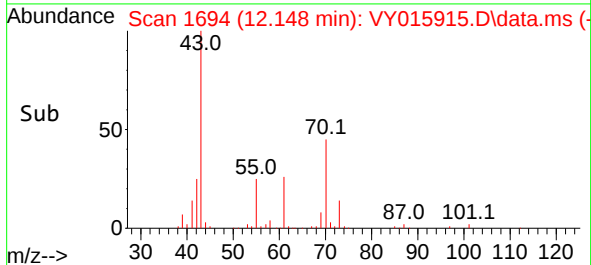
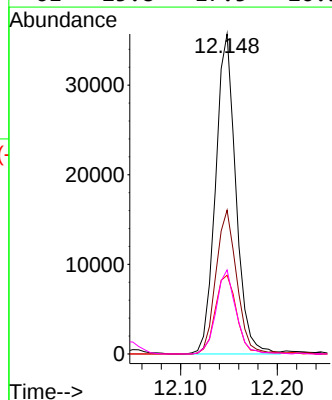
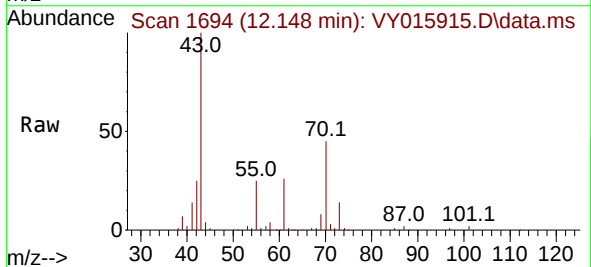
Manual Integrations
APPROVED

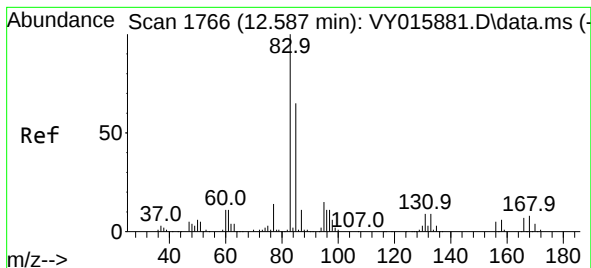
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#74
N-ethyl acetate
Concen: 18.818 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

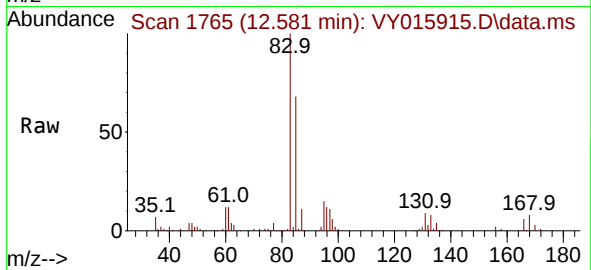
Tgt Ion: 43 Resp: 52101
Ion Ratio Lower Upper
43 100
70 46.3 29.7 44.5#
55 26.4 18.3 27.5
61 25.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.268 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

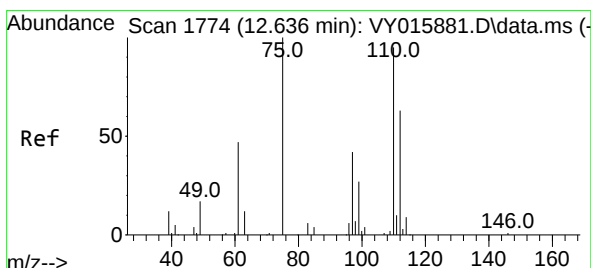
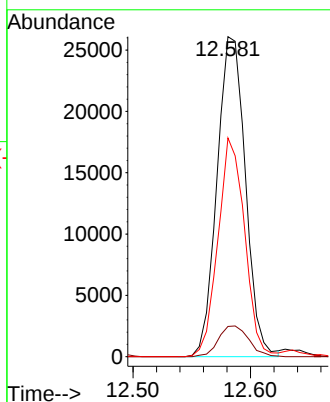
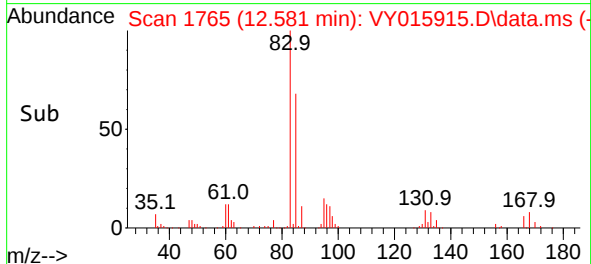
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



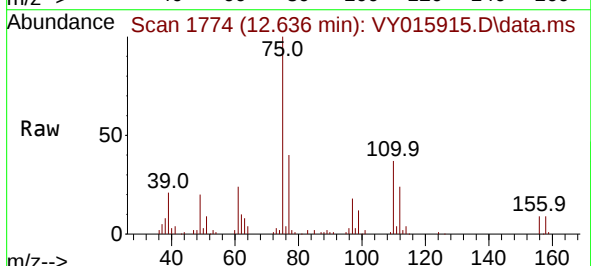
Tgt Ion: 83 Resp: 4389
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 64.2 31.8 95.4

Manual Integrations
APPROVED

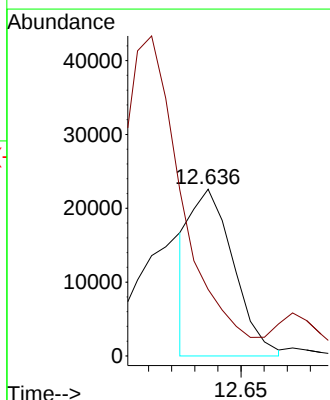
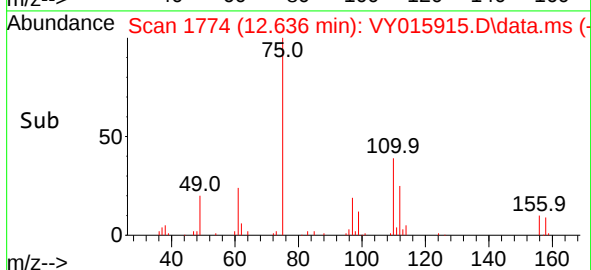
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

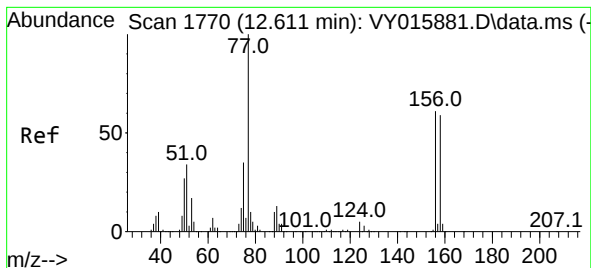


#76
1,2,3-Trichloropropane
Concen: 17.891 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 75 Resp: 29088
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.992 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

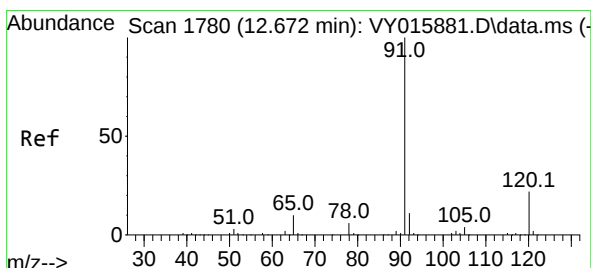
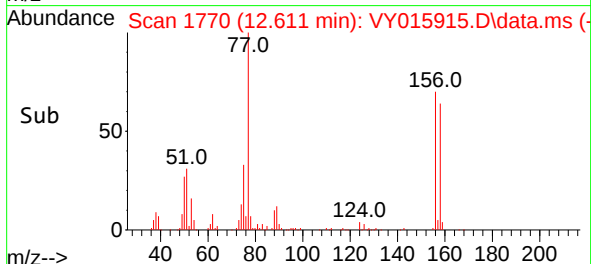
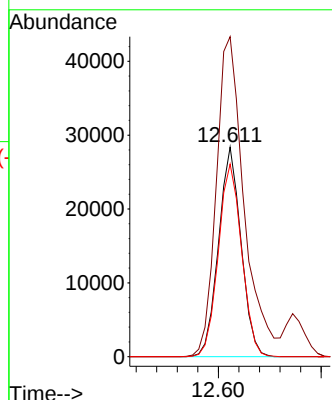
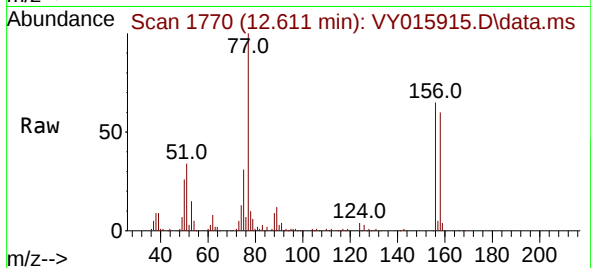
Tgt Ion:	156	Resp:	43068
Ion Ratio	Lower	Upper	
156	100		
77	187.1	92.8	278.6
158	95.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 20.002 ug/l

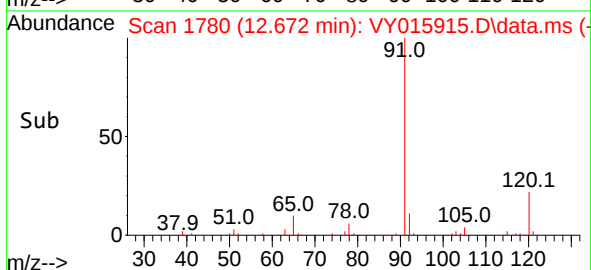
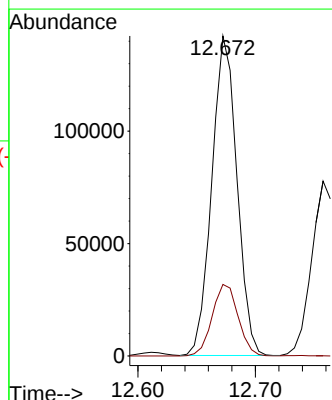
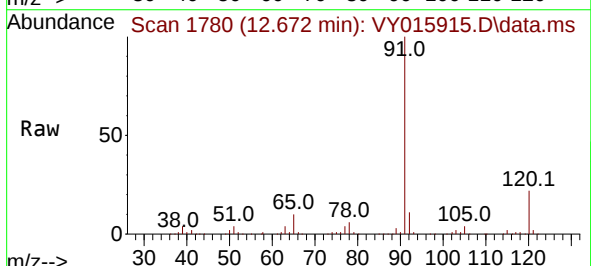
RT: 12.672 min Scan# 1780

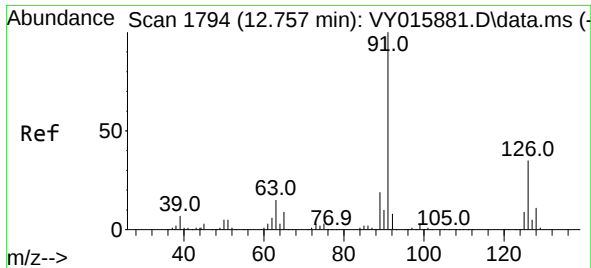
Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:	91	Resp:	211327
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





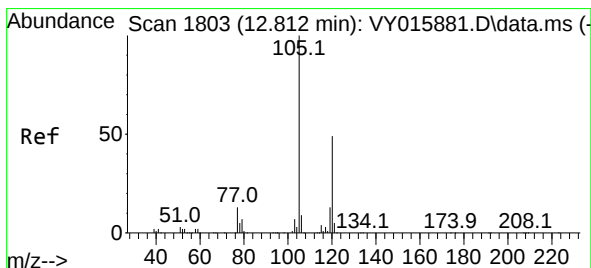
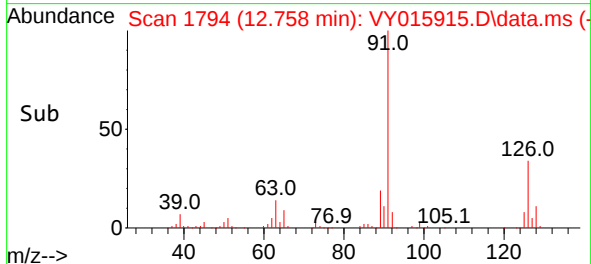
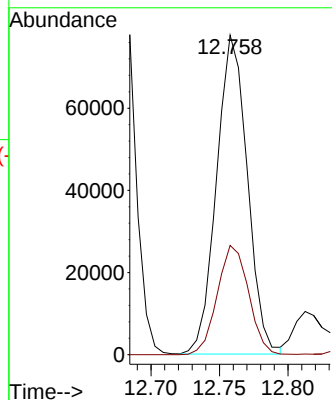
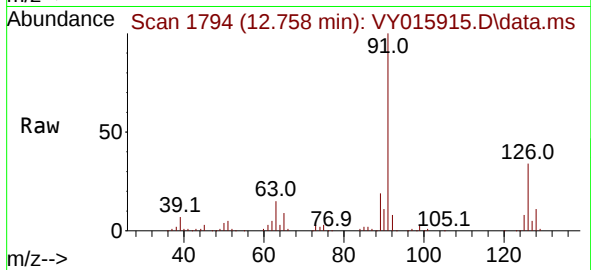
#79
2-Chlorotoluene
Concen: 20.172 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion: 91 Resp: 121400
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

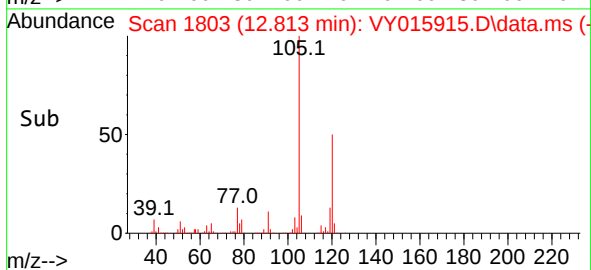
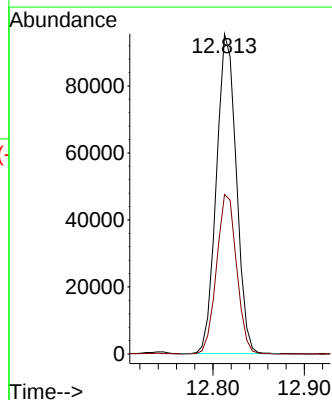
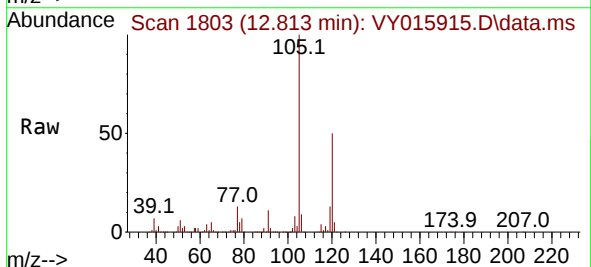
Manual Integrations
APPROVED

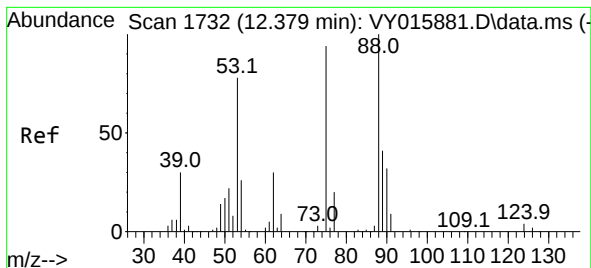
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.923 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

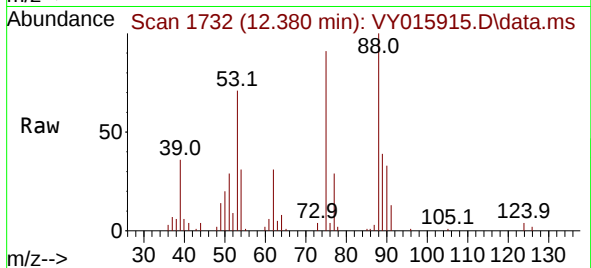
Tgt Ion:105 Resp: 144263
Ion Ratio Lower Upper
105 100
120 50.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.974 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

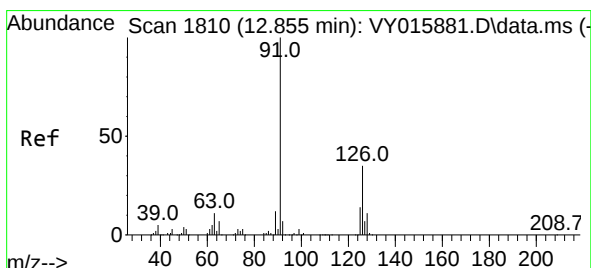
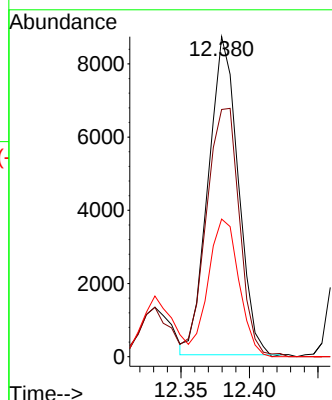
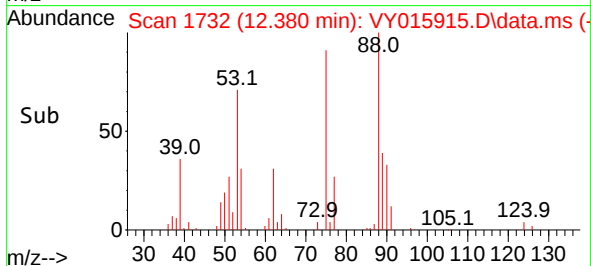
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



Tgt Ion: 75 Resp: 13178
Ion Ratio Lower Upper
75 100
53 86.6 77.8 116.8
89 44.4 37.4 56.0

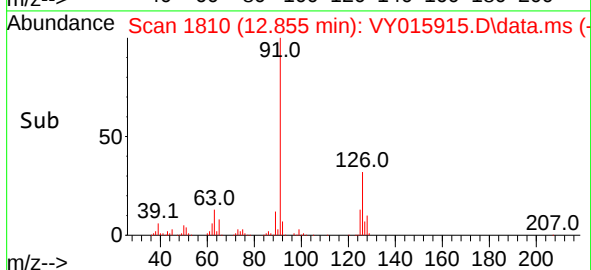
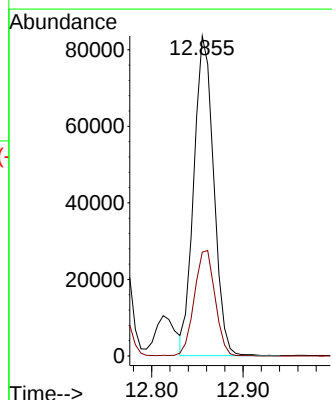
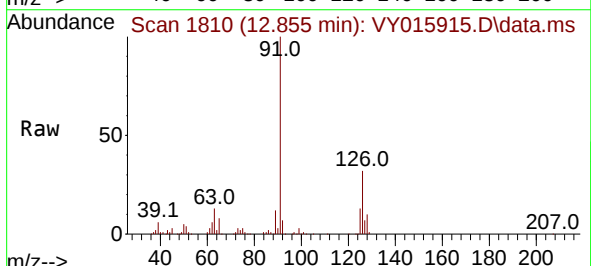
Manual Integrations
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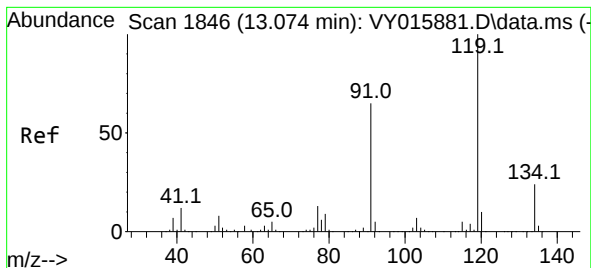
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#82
4-Chlorotoluene
Concen: 20.099 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

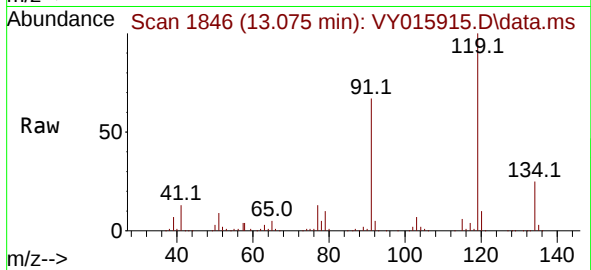
Tgt Ion: 91 Resp: 126052
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.226 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

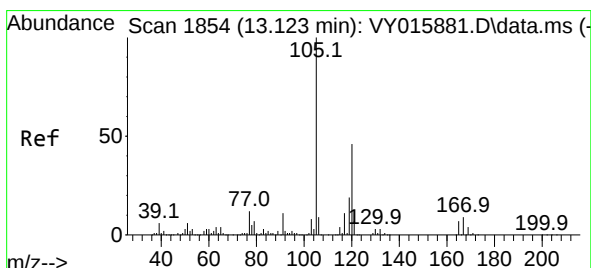
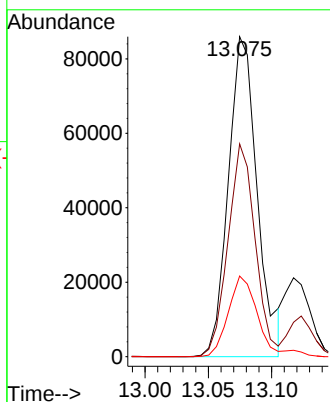
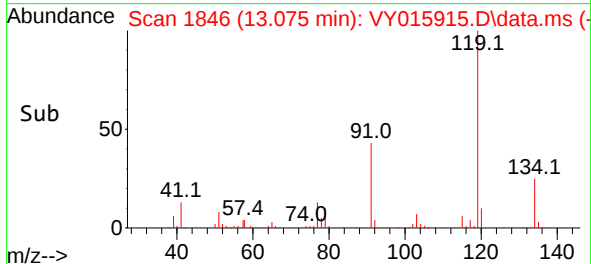
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01



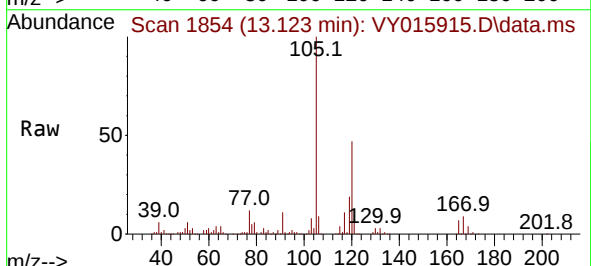
Tgt Ion:119 Resp: 136684
Ion Ratio Lower Upper
119 100
91 62.8 32.9 98.6
134 26.1 13.0 38.9

Manual Integrations
APPROVED

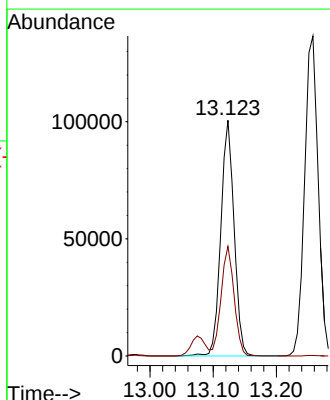
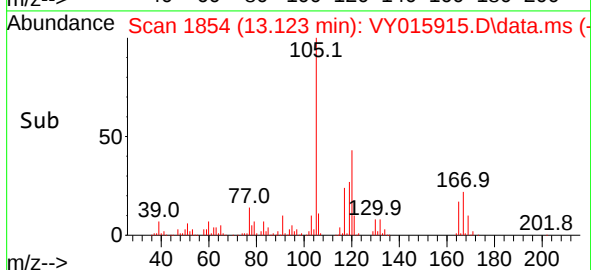
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

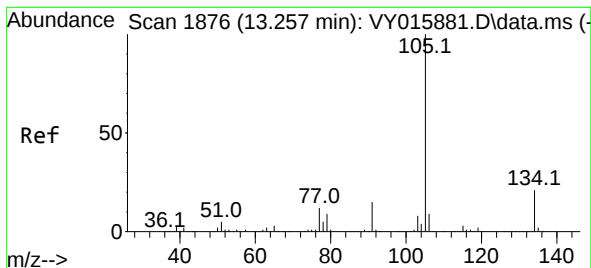


#84
1,2,4-Trimethylbenzene
Concen: 20.043 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21



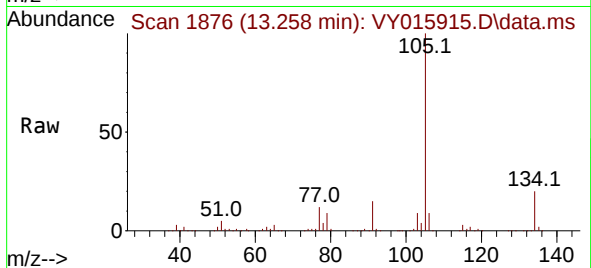
Tgt Ion:105 Resp: 146149
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.416 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21

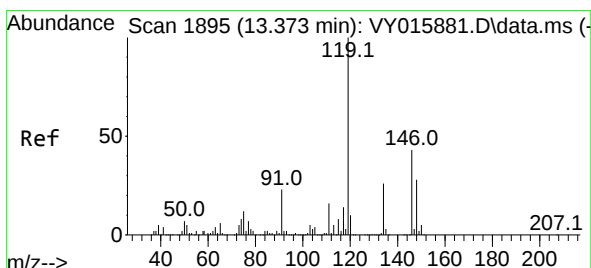
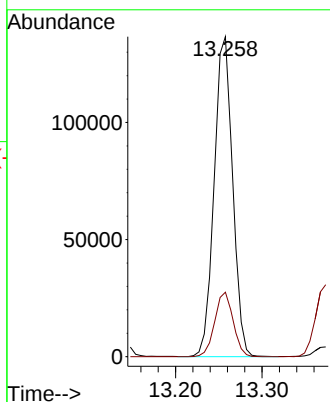
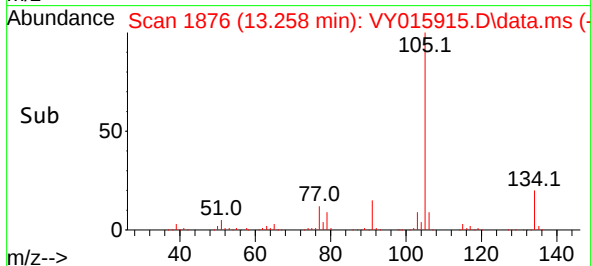
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBS01



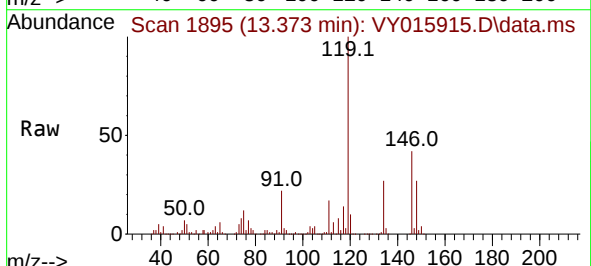
Tgt Ion:105 Resp: 202320
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

Manual Integrations
 APPROVED

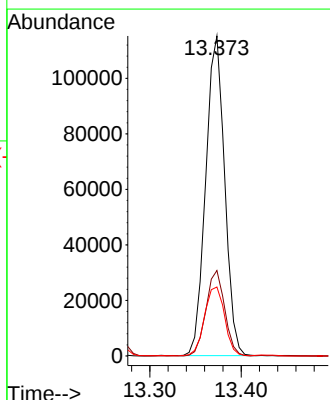
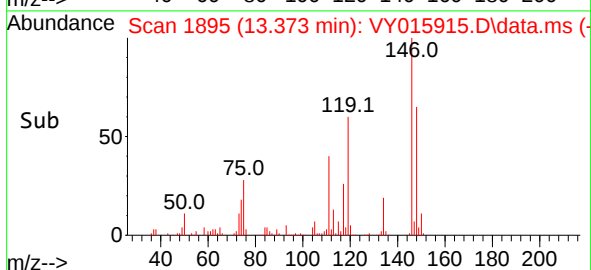
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

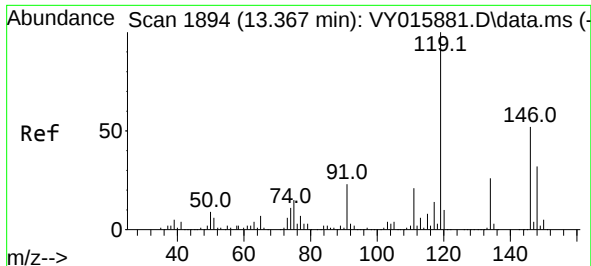


#86
 p-Isopropyltoluene
 Concen: 20.197 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY015915.D
 Acq: 11 Oct 2023 11:21



Tgt Ion:119 Resp: 165582
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.649 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

Tgt Ion:146 Resp: 85219

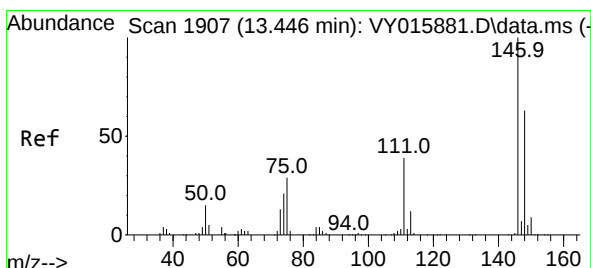
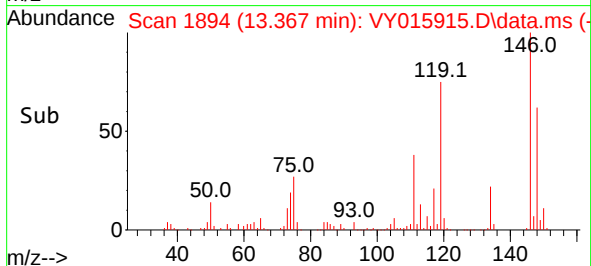
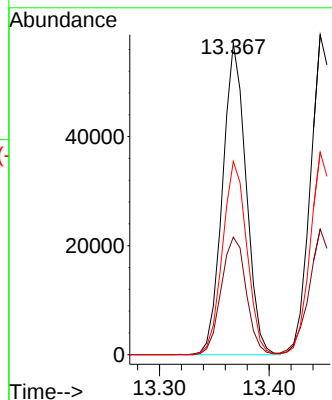
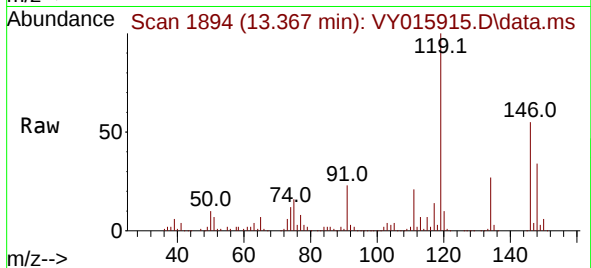
Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.2
148	64.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#88

1,4-Dichlorobenzene

Concen: 19.987 ug/l

RT: 13.447 min Scan# 1907

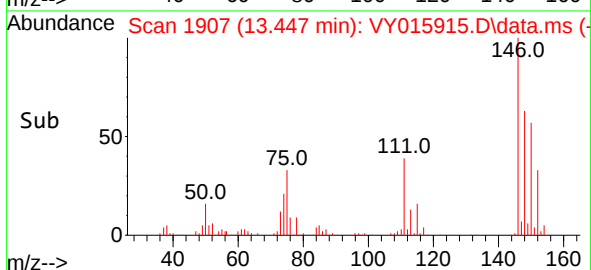
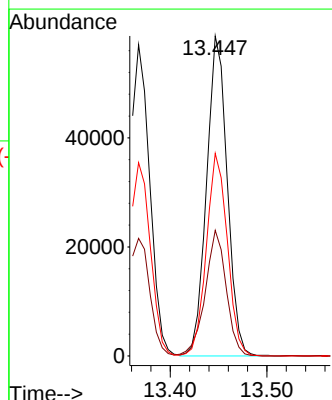
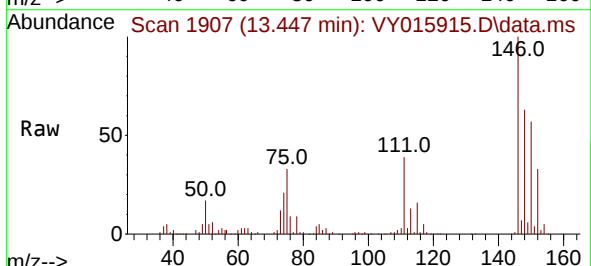
Delta R.T. 0.000 min

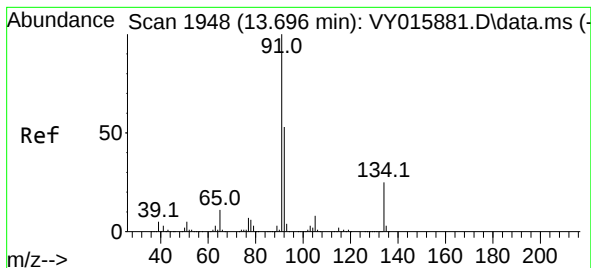
Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:146 Resp: 87295

Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.9	56.7
148	64.2	32.1	96.5





#89

n-Butylbenzene

Concen: 20.145 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

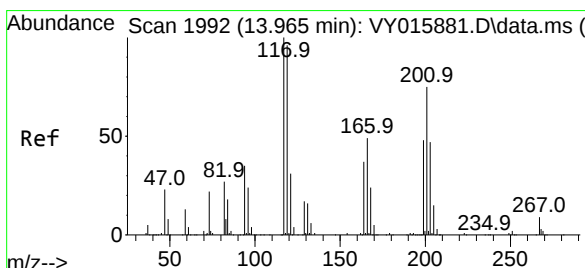
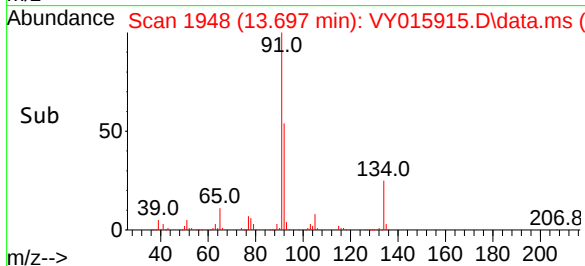
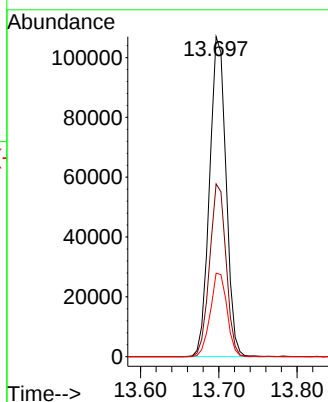
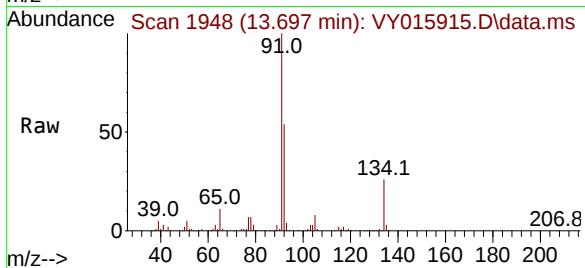
Tgt Ion:	91	Resp:	15629
Ion Ratio	Lower	Upper	
91	100		
92	53.7	25.4	76.0
134	26.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#90

Hexachloroethane

Concen: 20.115 ug/l

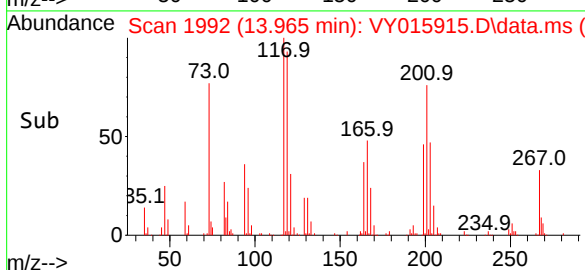
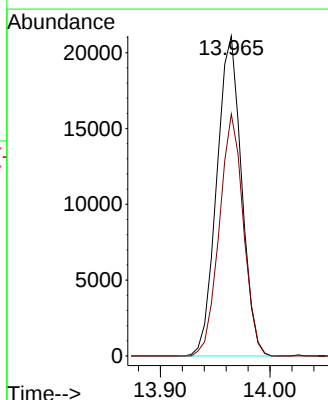
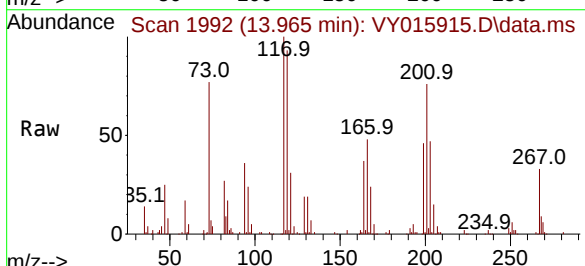
RT: 13.965 min Scan# 1992

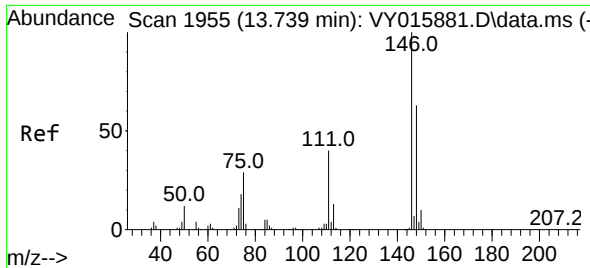
Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:	117	Resp:	33095
Ion Ratio	Lower	Upper	
117	100		
201	73.4	41.6	124.8





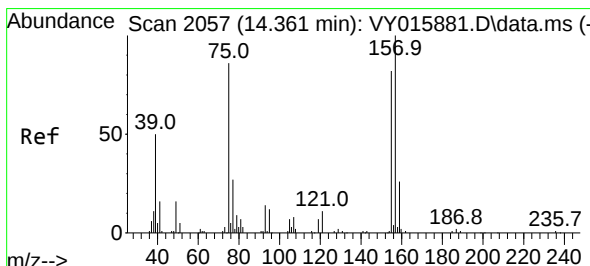
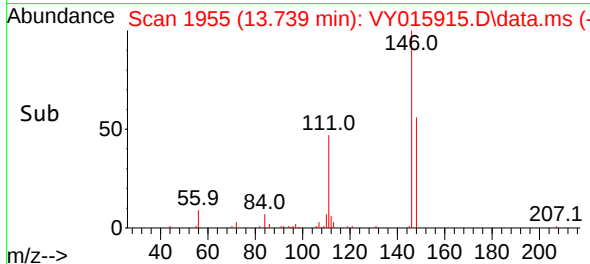
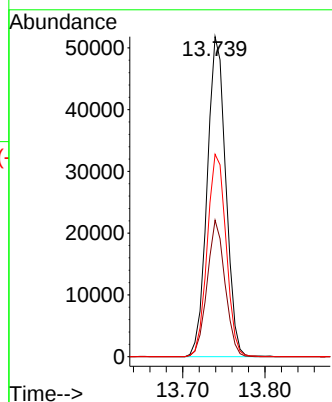
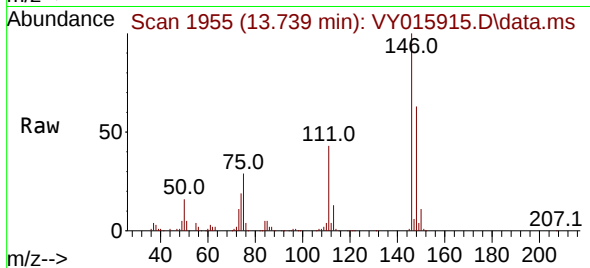
#91
1,2-Dichlorobenzene
Concen: 20.165 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBS01

Tgt Ion:146 Resp: 81294
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 64.2 32.0 96.2

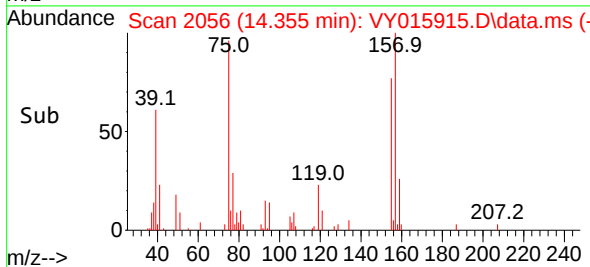
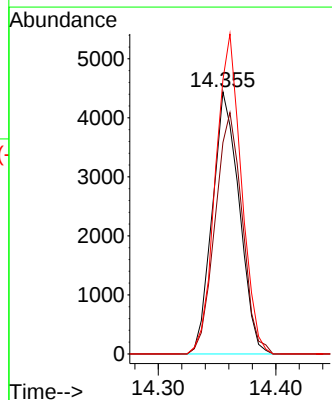
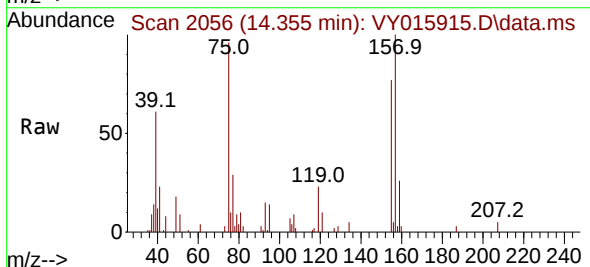
Manual Integrations
APPROVED

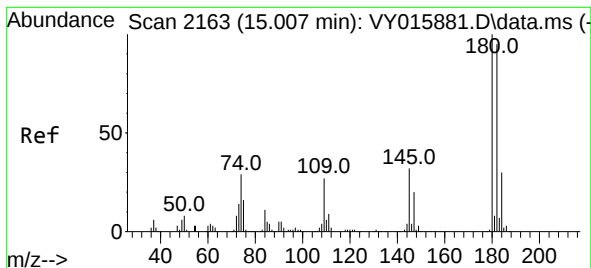
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.592 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY015915.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 75 Resp: 7038
Ion Ratio Lower Upper
75 100
155 93.1 41.5 124.6
157 117.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.647 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

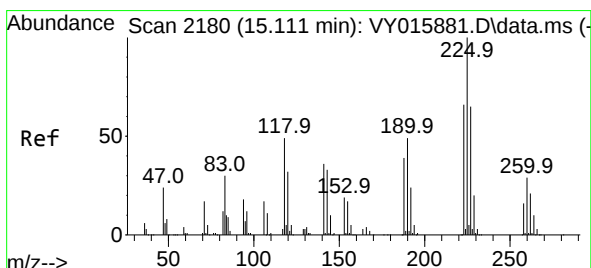
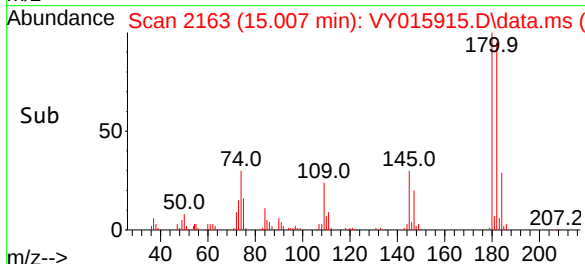
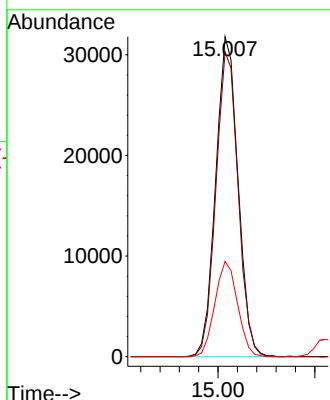
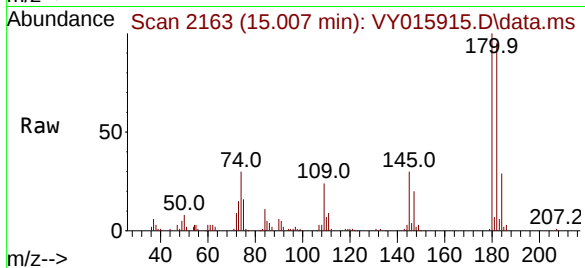
Tgt Ion:180	Resp:	50762
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.0 141.2
145	30.2	14.5 43.5

Manual Integrations

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Supervised By :Mahesh Dadoda 10/12/2023



#94

Hexachlorobutadiene

Concen: 19.337 ug/l

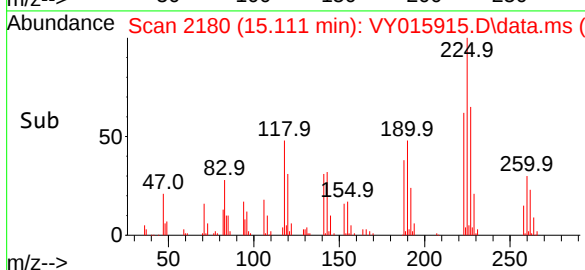
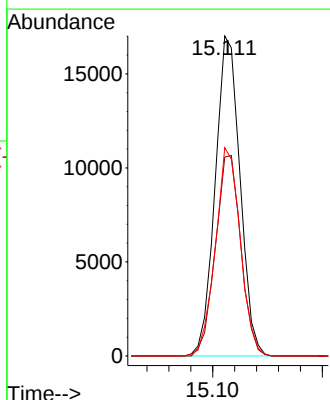
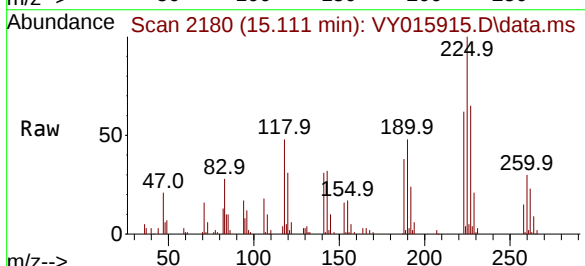
RT: 15.111 min Scan# 2180

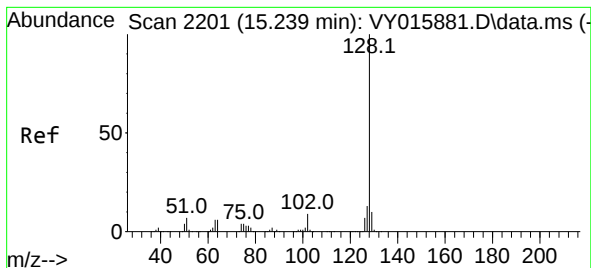
Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:225	Resp:	26754
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.9 95.9
227	65.2	33.0 98.9





#95

Naphthalene

Concen: 18.007 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBS01

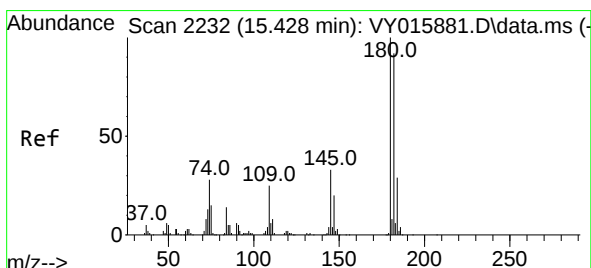
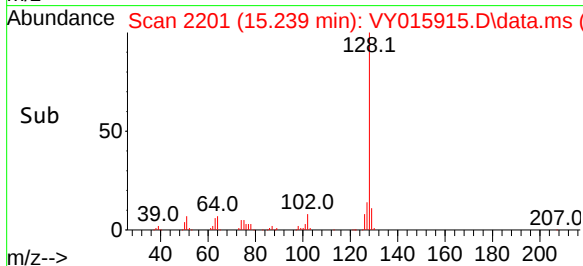
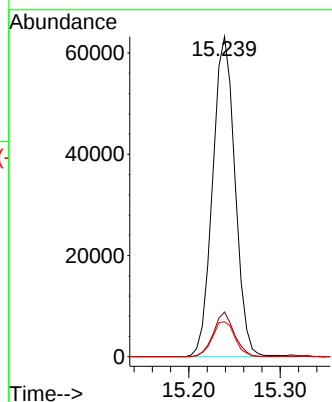
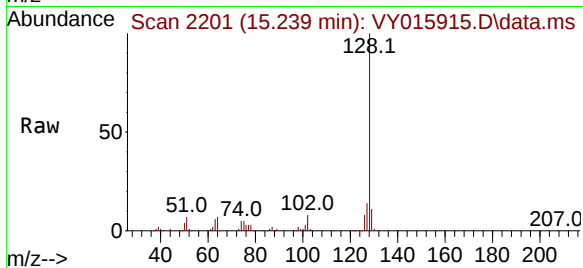
Tgt Ion:128	Resp: 107629
Ion Ratio	Lower Upper
128 100	
127 13.1	10.8 16.2
129 11.1	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.570 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015915.D

Acq: 11 Oct 2023 11:21

Tgt Ion:180	Resp: 44977
Ion Ratio	Lower Upper
180 100	
182 93.6	47.3 141.8
145 32.6	15.4 46.2

