

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014613.D
 Acq On : 10 Jul 2023 13:17
 Operator : SY/MD
 Sample : 03375-06MSD
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 03:17:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	257277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	356872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124533	48.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.716	113	121970	52.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.380%
50) Toluene-d8	10.179	98	457074	49.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.477	95	156127	49.136	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	102804	56.378	ug/l	99
3) Chloromethane	2.107	50	150946	50.659	ug/l	96
4) Vinyl Chloride	2.247	62	190902	55.584	ug/l	94
5) Bromomethane	2.637	94	134846	50.634	ug/l	100
6) Chloroethane	2.784	64	121656	55.013	ug/l	96
7) Trichlorofluoromethane	3.119	101	228440	54.766	ug/l	99
8) Diethyl Ether	3.527	74	82450	52.203	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	132461	53.177	ug/l	97
10) Methyl Iodide	4.088	142	165209	58.121	ug/l	92
11) Tert butyl alcohol	4.954	59	93811	208.329	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	128621	53.301	ug/l	87
13) Acrolein	3.723	56	50406	148.286	ug/l	98
14) Allyl chloride	4.472	41	174819	48.064	ug/l #	87
15) Acrylonitrile	5.161	53	220161	242.821	ug/l	99
16) Acetone	3.942	43	191139	239.144	ug/l #	86
17) Carbon Disulfide	4.186	76	353007	48.003	ug/l	98
18) Methyl Acetate	4.472	43	188759	51.880	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	362955	52.333	ug/l	97
20) Methylene Chloride	4.710	84	156165	54.591	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	138517	50.711	ug/l	95
22) Diisopropyl ether	6.118	45	389100	51.918	ug/l #	87
23) Vinyl Acetate	6.057	43	1081180	249.346	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	240059	51.023	ug/l	98
25) 2-Butanone	6.984	43	292644	247.279	ug/l	93
26) 2,2-Dichloropropane	6.978	77	208749	52.054	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	159804	51.574	ug/l	90
28) Bromochloromethane	7.332	49	101018	51.133	ug/l	83
29) Tetrahydrofuran	7.344	42	191816	251.281	ug/l #	86
30) Chloroform	7.502	83	251939	51.333	ug/l	97
31) Cyclohexane	7.783	56	195828	48.771	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	217947	51.952	ug/l	97
36) 1,1-Dichloropropene	7.911	75	190747	53.810	ug/l	97
37) Ethyl Acetate	7.069	43	121714	50.067	ug/l #	91
38) Carbon Tetrachloride	7.899	117	201291	54.396	ug/l	97
39) Methylcyclohexane	9.185	83	222173	52.435	ug/l	92
40) Benzene	8.161	78	550686	51.320	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	171183	144.135	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	167980	53.260	ug/l	94
43) Isopropyl Acetate	8.271	43	212587	51.601	ug/l #	91
44) Trichloroethene	8.941	130	160060	53.505	ug/l	94
45) 1,2-Dichloropropane	9.215	63	145296	52.782	ug/l	97
46) Dibromomethane	9.307	93	91017	54.312	ug/l	93
47) Bromodichloromethane	9.496	83	198162	53.667	ug/l	98
48) Methyl methacrylate	9.295	41	100769	53.787	ug/l #	81
49) 1,4-Dioxane	9.295	88	30864	1031.383	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	633195	259.608	ug/l	89
52) Toluene	10.240	92	349265	51.724	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	212886	53.915	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	233990	53.113	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	130409	53.480	ug/l	98
56) Ethyl methacrylate	10.508	69	179747	54.189	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	210828	53.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	442290	275.234	ug/l	95
59) 2-Hexanone	10.831	43	462053	262.252	ug/l	87
60) Dibromochloromethane	10.983	129	156405	54.739	ug/l	100
61) 1,2-Dibromoethane	11.087	107	128190	53.847	ug/l	100
64) Tetrachloroethene	10.715	164	164369	51.523	ug/l	97
65) Chlorobenzene	11.514	112	387685	50.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	153084	52.960	ug/l	98
67) Ethyl Benzene	11.593	91	667944	51.502	ug/l	99
68) m/p-Xylenes	11.703	106	531039	103.225	ug/l	94
69) o-Xylene	12.026	106	253509	51.956	ug/l	94
70) Styrene	12.044	104	437553	52.122	ug/l	96
71) Bromoform	12.209	173	118619	54.015	ug/l #	99
73) Isopropylbenzene	12.331	105	658597	52.866	ug/l	99
74) N-amyl acetate	12.142	43	187472	49.861	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	166247	52.002	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	212961	95.407	ug/l #	100
77) Bromobenzene	12.605	156	181748	53.414	ug/l	93
78) n-propylbenzene	12.666	91	801337	52.731	ug/l	99
79) 2-Chlorotoluene	12.758	91	451606	51.638	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	554079	52.537	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	58543	51.049	ug/l #	86
82) 4-Chlorotoluene	12.855	91	472371	51.557	ug/l	97
83) tert-Butylbenzene	13.075	119	490367	52.905	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	557679	52.991	ug/l	98
85) sec-Butylbenzene	13.251	105	717713	52.474	ug/l	99
86) p-Isopropyltoluene	13.367	119	607732	52.799	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	343674	51.658	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	339842	50.971	ug/l	99
89) n-Butylbenzene	13.696	91	554017	52.083	ug/l	98
90) Hexachloroethane	13.959	117	118697	52.060	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	314201	52.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30894	52.783	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	207930	53.421	ug/l	98
94) Hexachlorobutadiene	15.111	225	118307	49.455	ug/l	96
95) Naphthalene	15.233	128	478344	57.764	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	190940	53.839	ug/l	99

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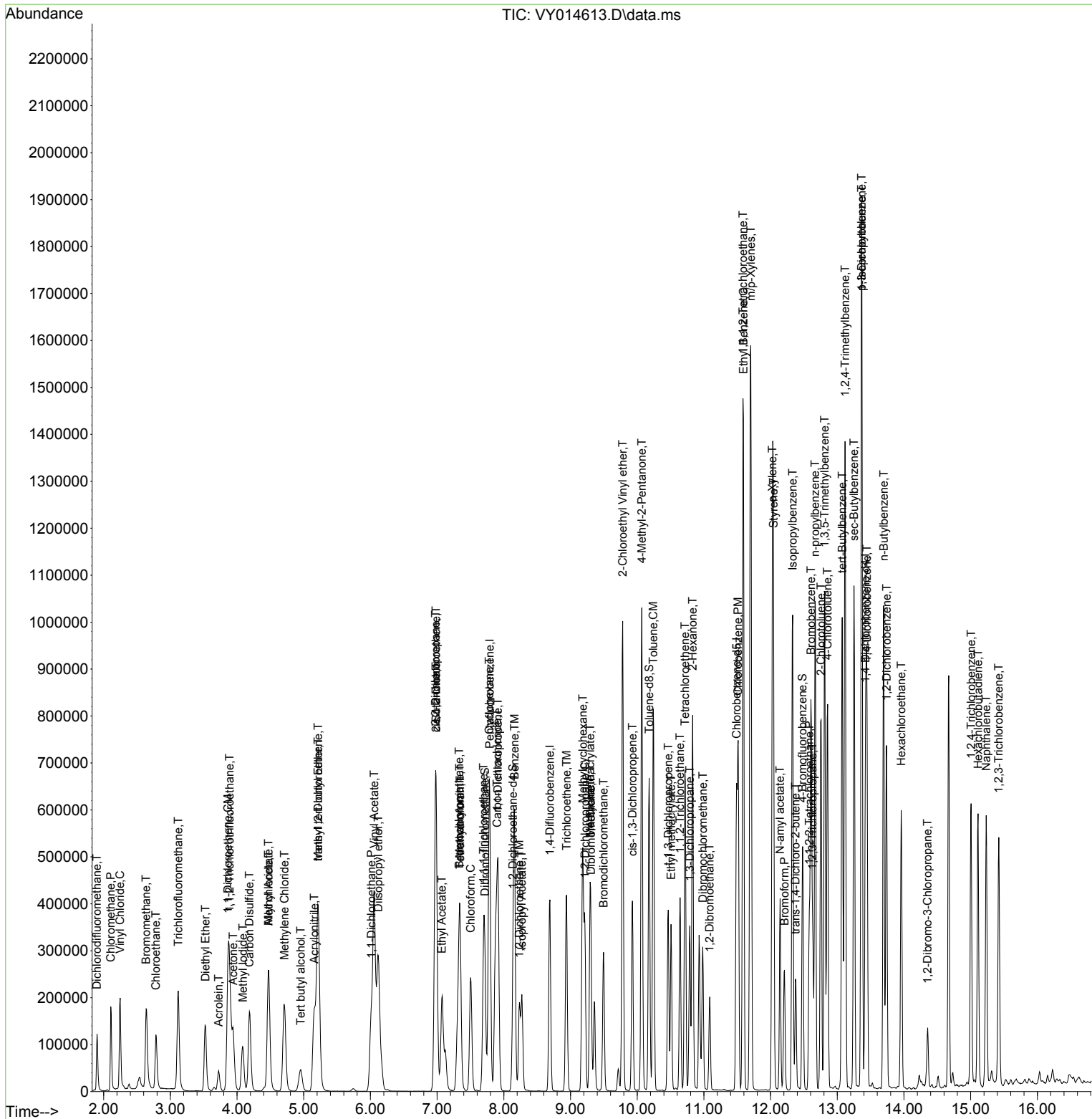
Instrument :
MSVOA_Y
ClientSampleId :

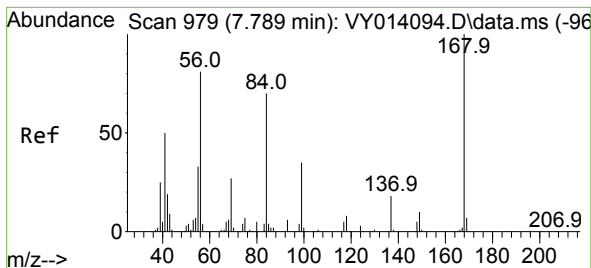
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

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MSVOA_Y

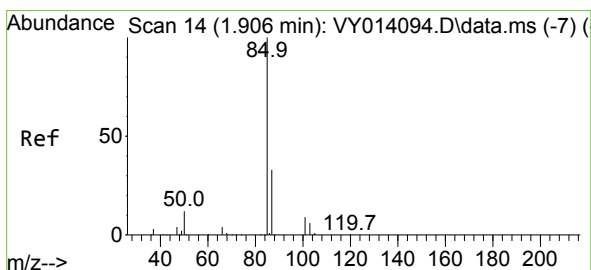
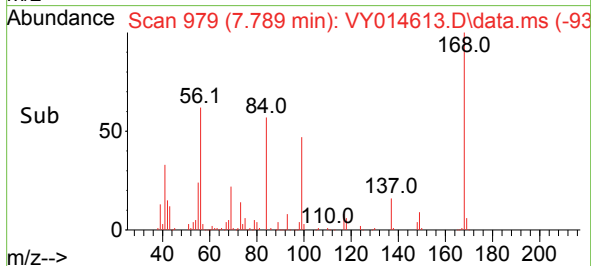
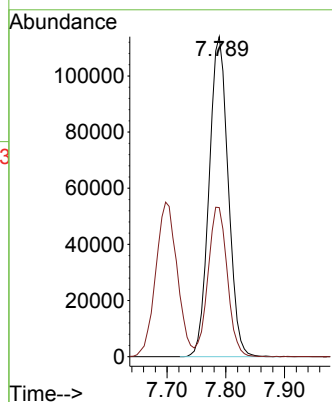
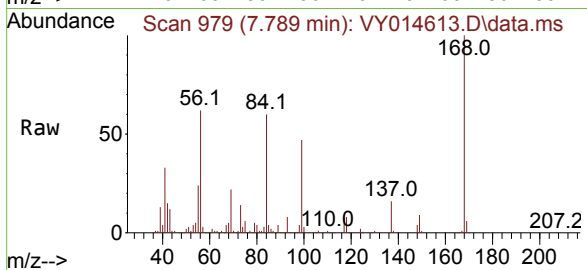
ClientSampleId :

Tgt Ion:168 Resp: 257277

Ion Ratio Lower Upper

168 100

99 46.6 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 56.378 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014613.D

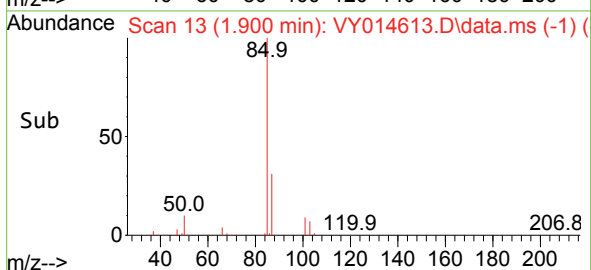
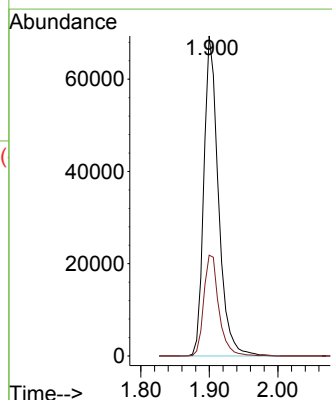
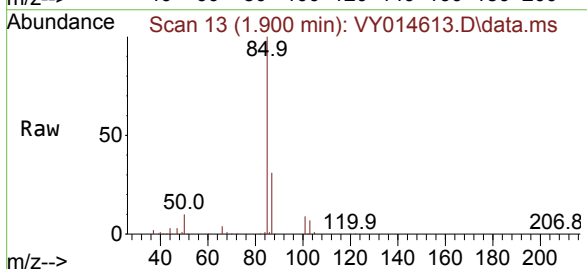
Acq: 10 Jul 2023 13:17

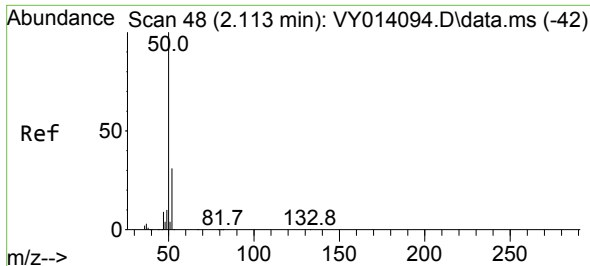
Tgt Ion: 85 Resp: 102804

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8

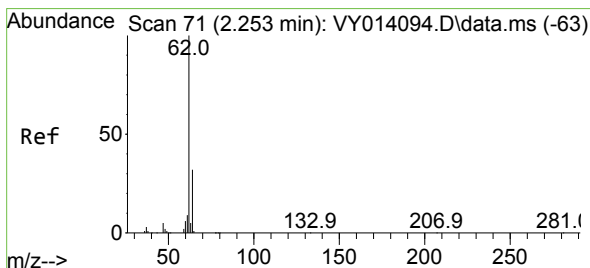
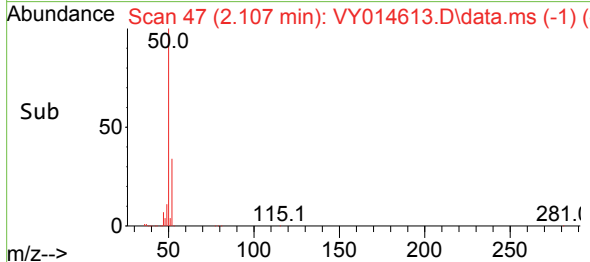
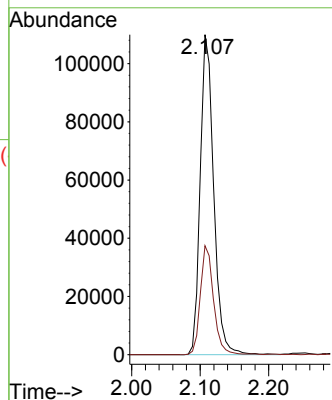
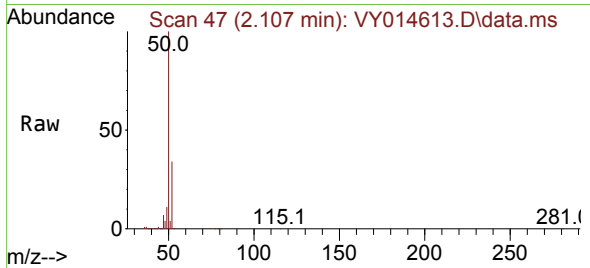




#3
Chloromethane
Concen: 50.659 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

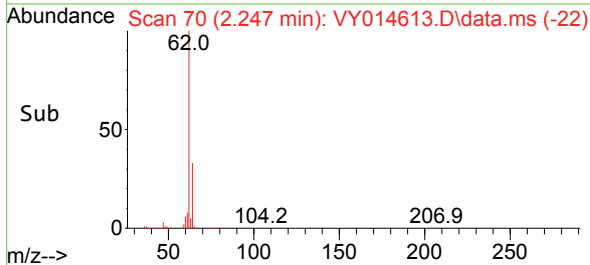
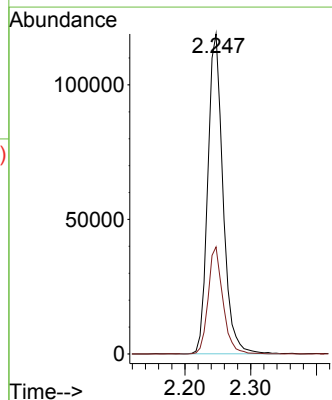
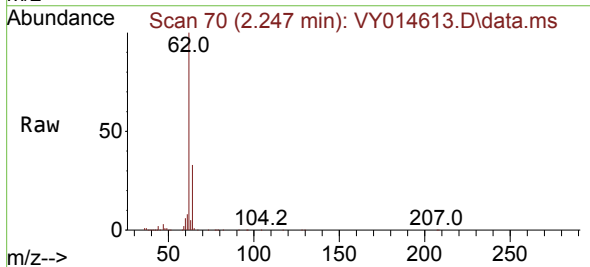
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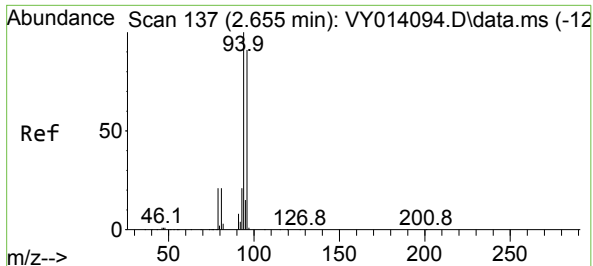
Tgt Ion: 50 Resp: 150946
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2



#4
Vinyl Chloride
Concen: 55.584 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 62 Resp: 190902
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5

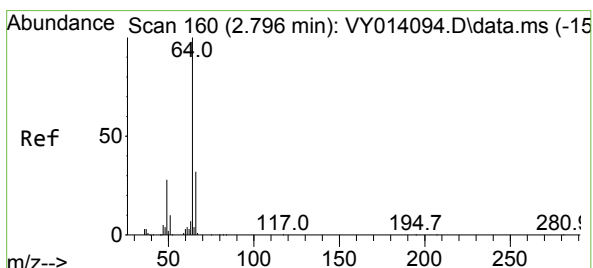
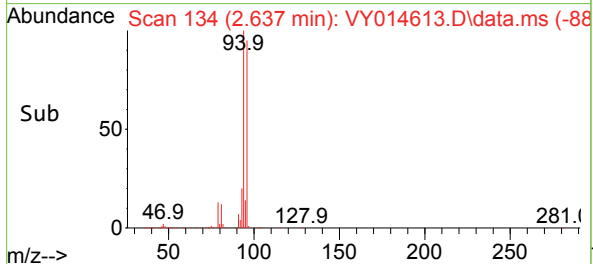
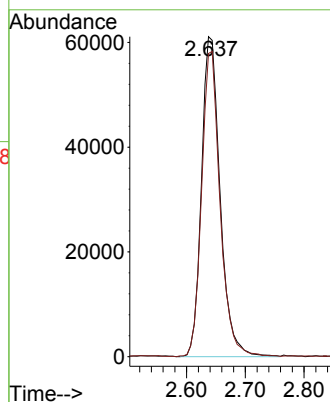
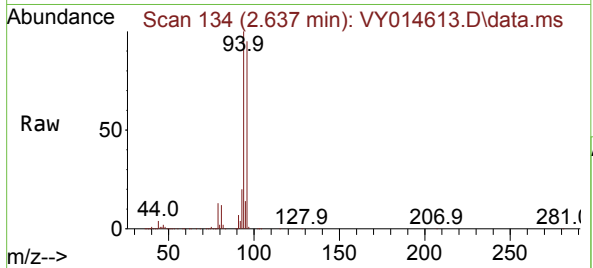




#5
Bromomethane
Concen: 50.634 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014613.D
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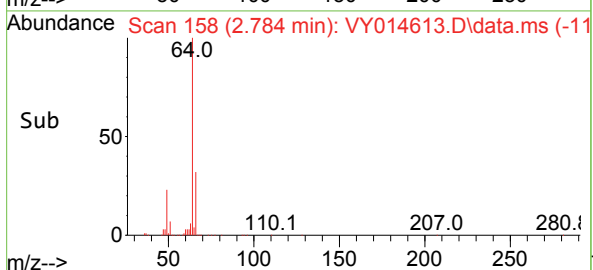
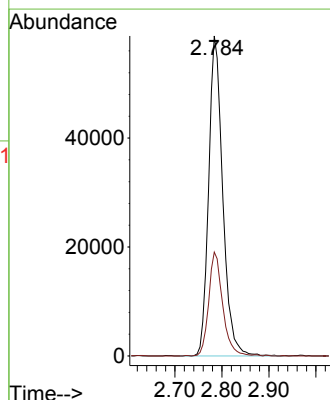
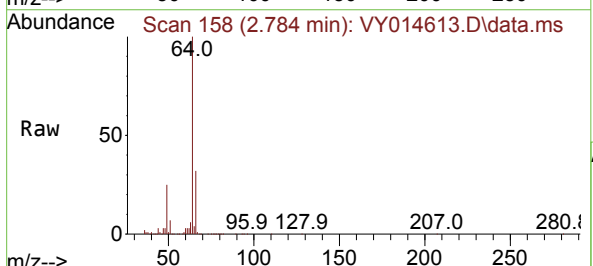
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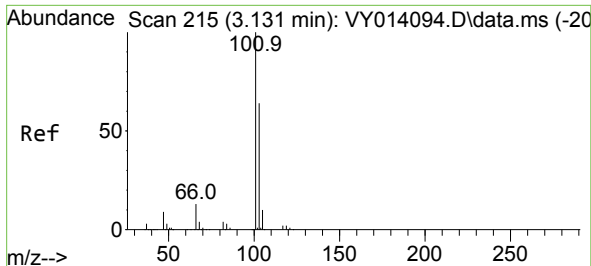
Tgt Ion: 94 Resp: 134846
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



#6
Chloroethane
Concen: 55.013 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014613.D
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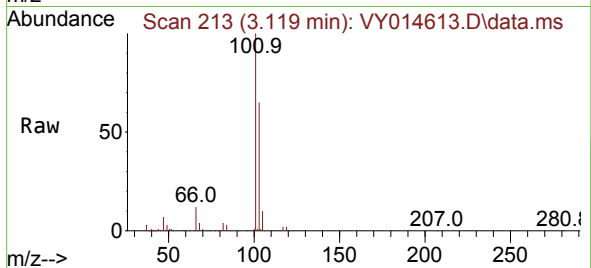
Tgt Ion: 64 Resp: 121656
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6



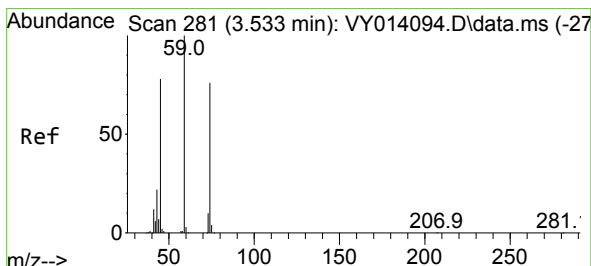
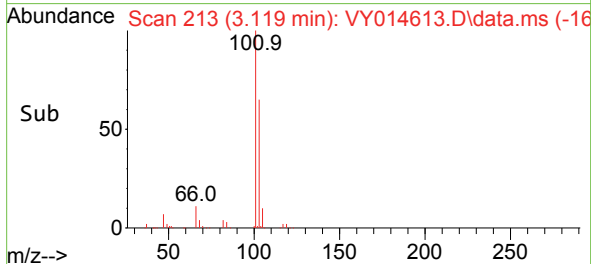
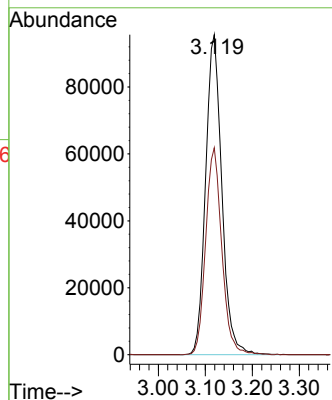


#7
 Trichlorofluoromethane
 Concen: 54.766 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

Instrument :
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 ClientSampleId :

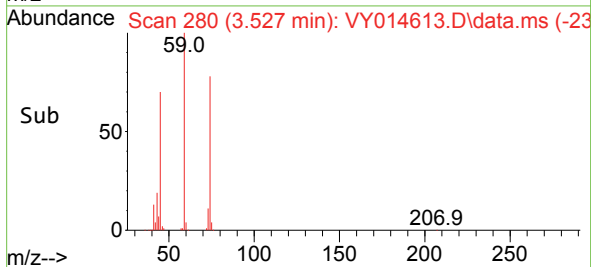
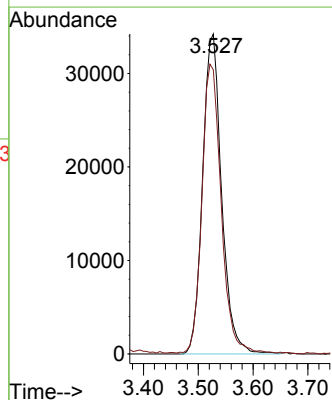
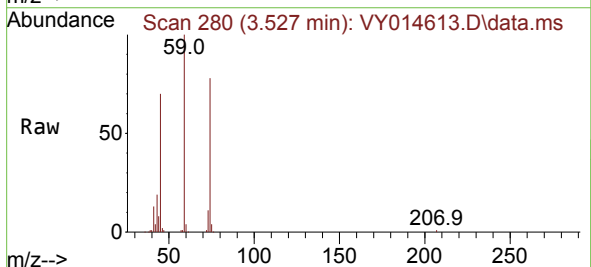


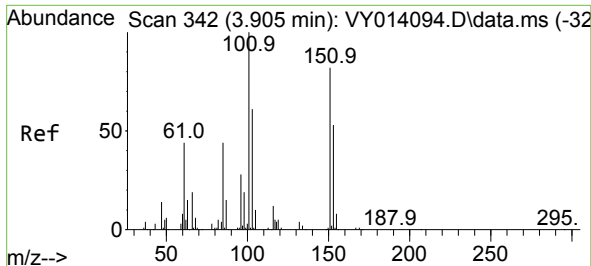
Tgt Ion:101 Resp: 228440
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.203 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY014613.D
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Tgt Ion: 74 Resp: 82450
 Ion Ratio Lower Upper
 74 100
 45 90.9 51.5 154.5

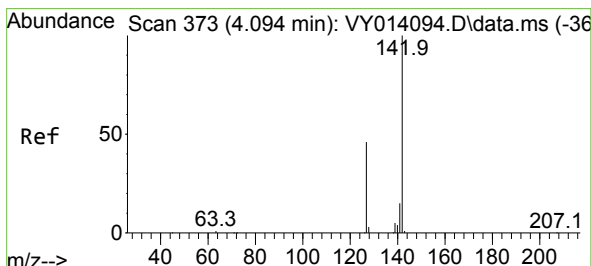
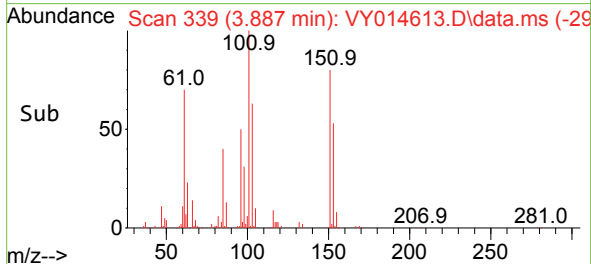
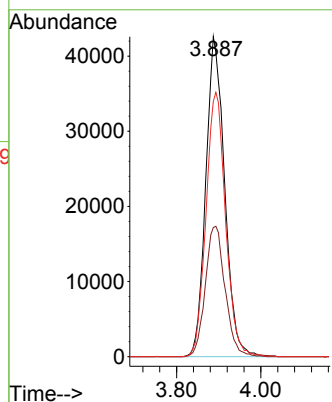
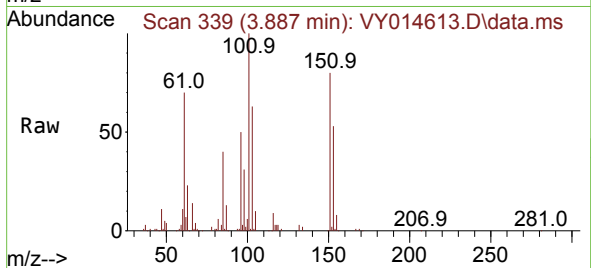




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.177 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

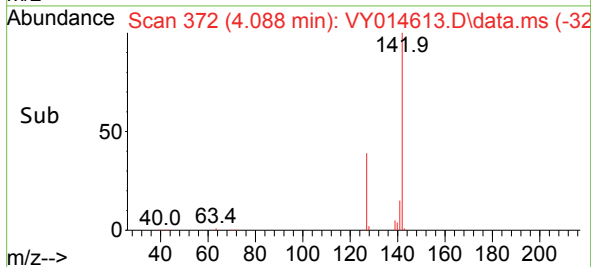
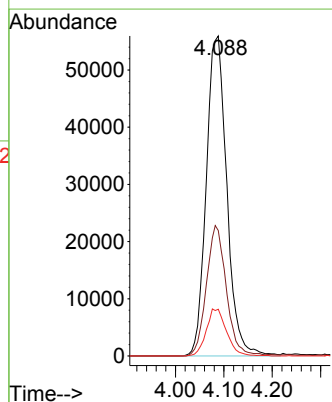
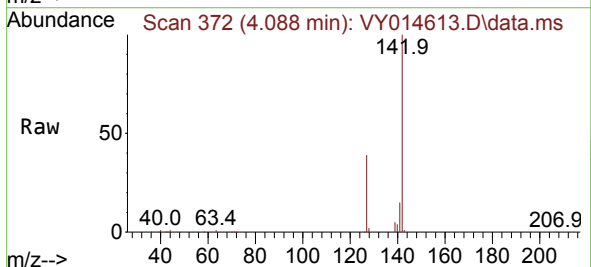
Instrument :
MSVOA_Y
ClientSampleId :

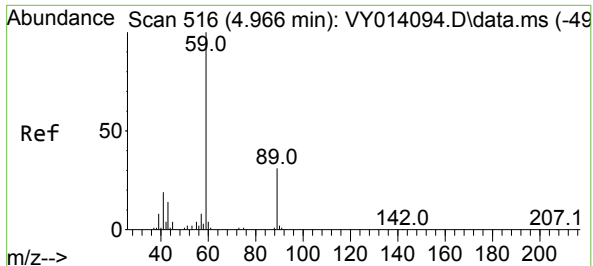
Tgt Ion:101 Resp: 132461
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 85.9 67.0 100.6



#10
Methyl Iodide
Concen: 58.121 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion:142 Resp: 165209
Ion Ratio Lower Upper
142 100
127 39.7 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 208.329 ug/l

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

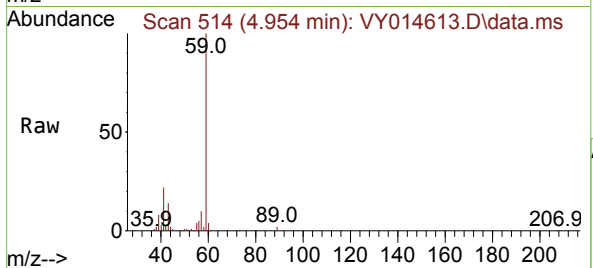
Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

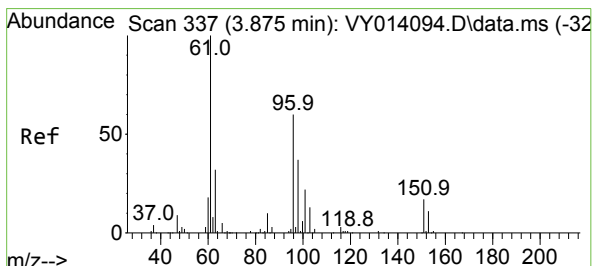
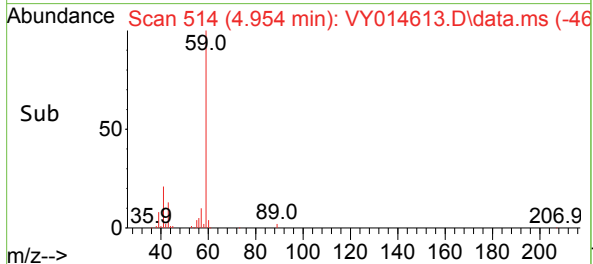
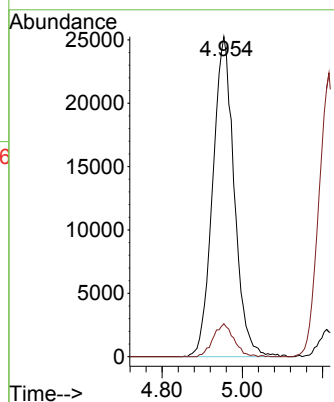


Tgt Ion: 59 Resp: 93811

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 53.301 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.012 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

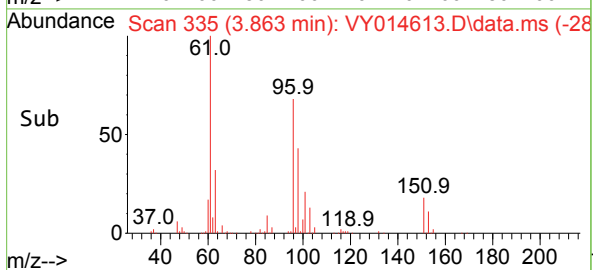
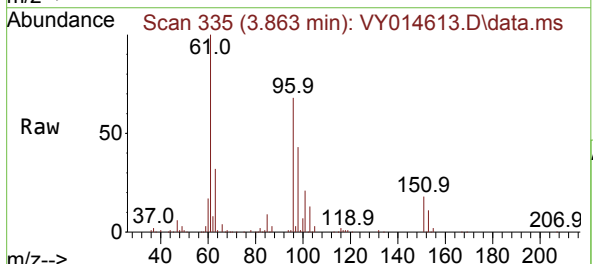
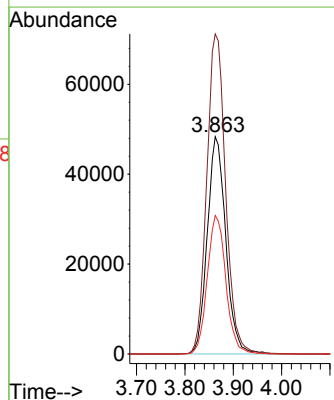
Tgt Ion: 96 Resp: 128621

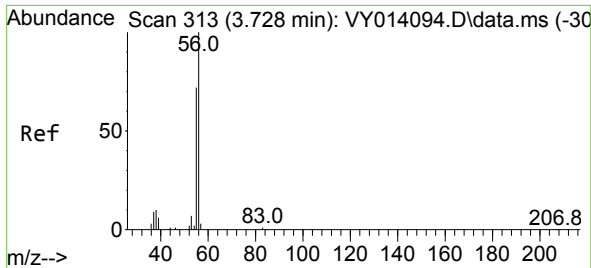
Ion Ratio Lower Upper

96 100

61 147.3 136.4 204.6

98 63.7 49.4 74.2





#13

Acrolein

Concen: 148.286 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

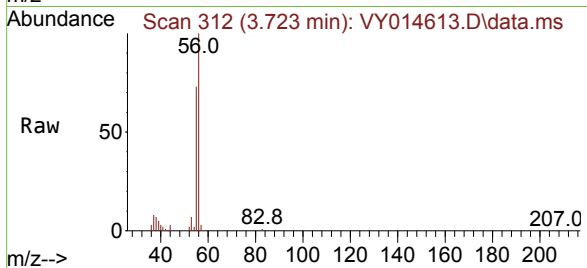
Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

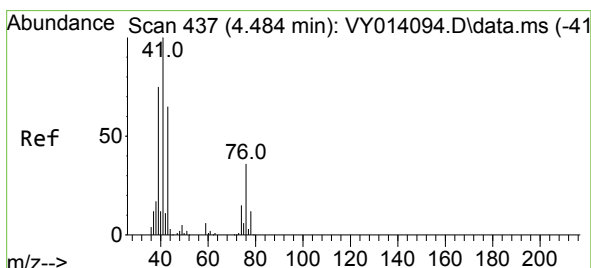
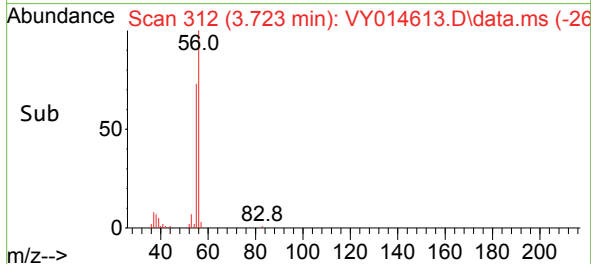
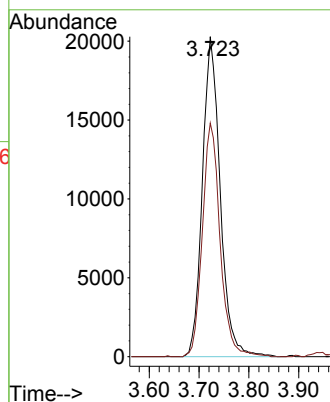


Tgt Ion: 56 Resp: 50406

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 48.064 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

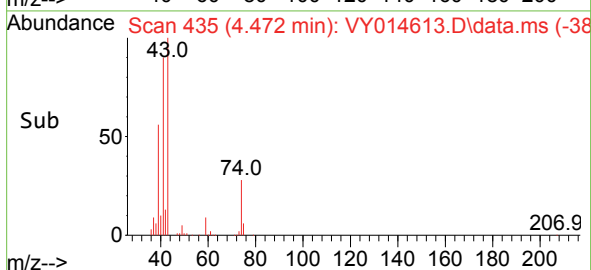
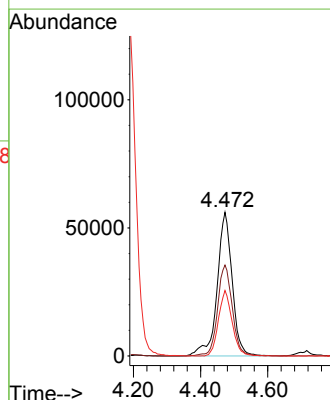
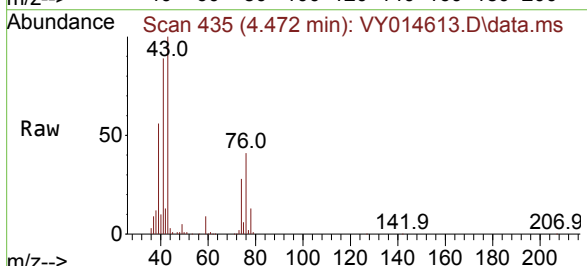
Tgt Ion: 41 Resp: 174819

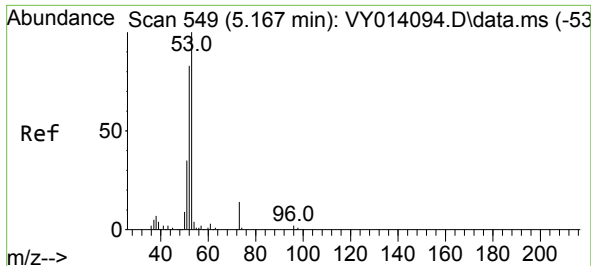
Ion Ratio Lower Upper

41 100

39 61.8 58.0 87.0

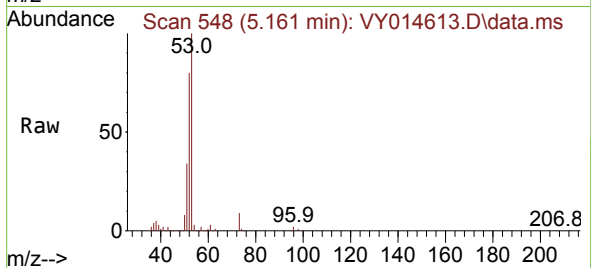
76 41.2 27.4 41.2#



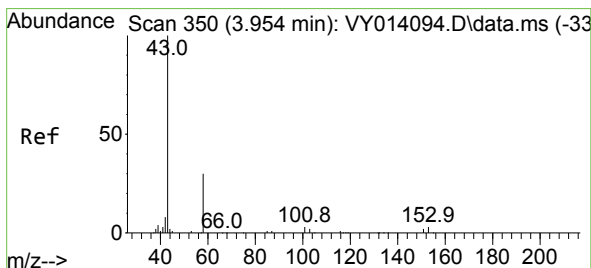
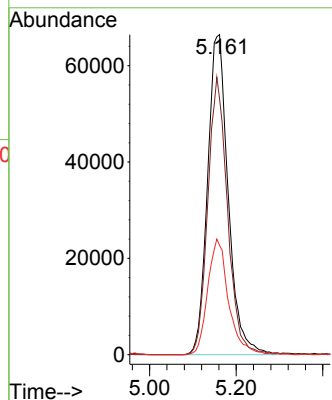


#15
Acrylonitrile
Concen: 242.821 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :

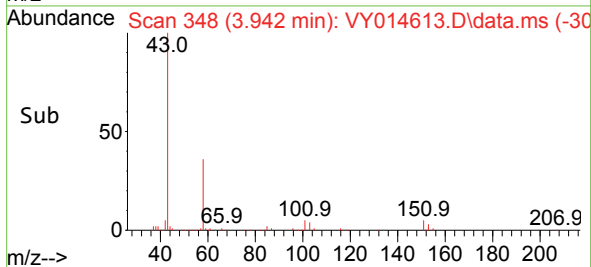
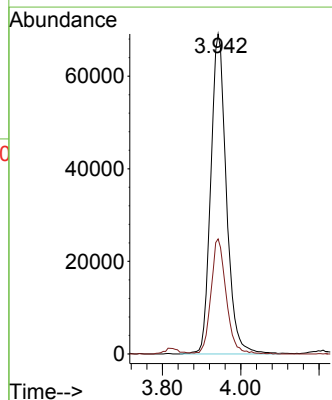
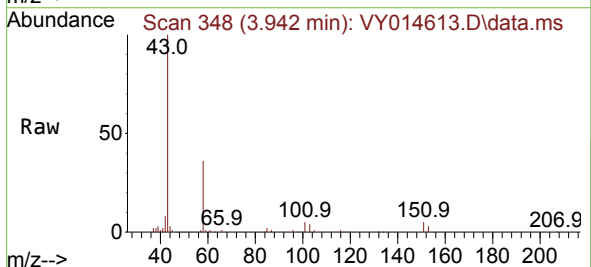


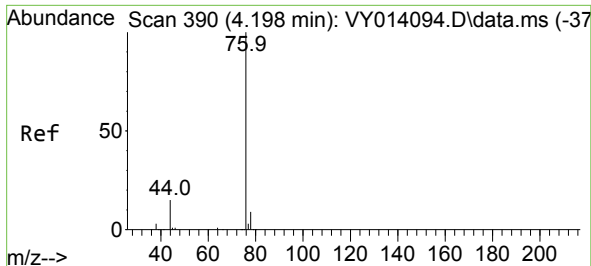
Tgt Ion: 53 Resp: 220161
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 239.144 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 43 Resp: 191139
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#

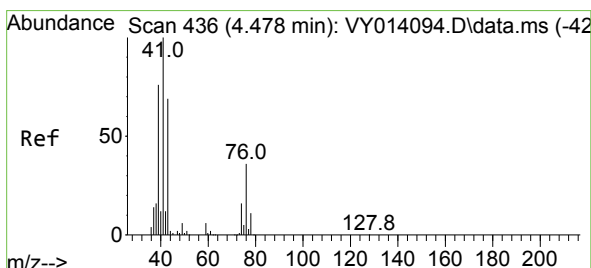
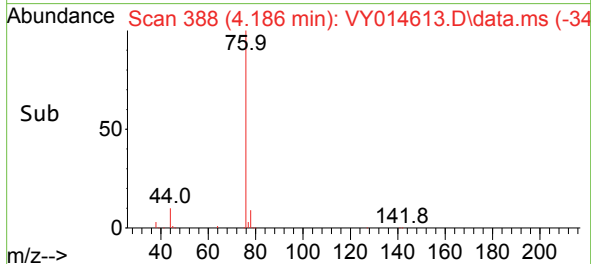
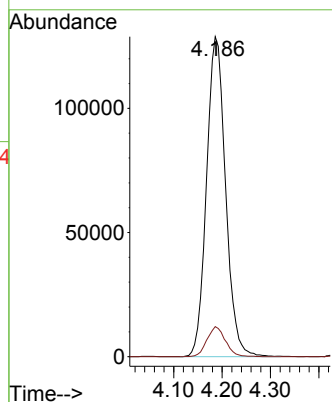
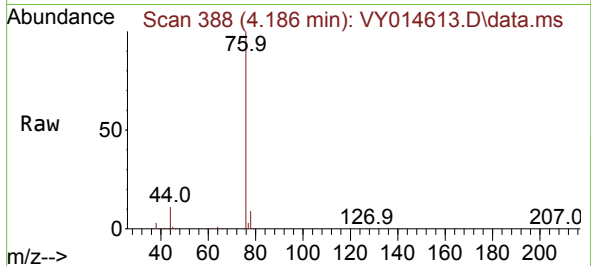




#17
Carbon Disulfide
Concen: 48.003 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

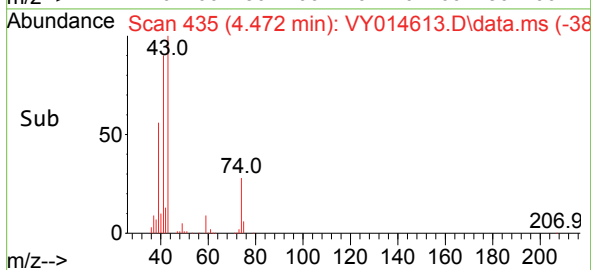
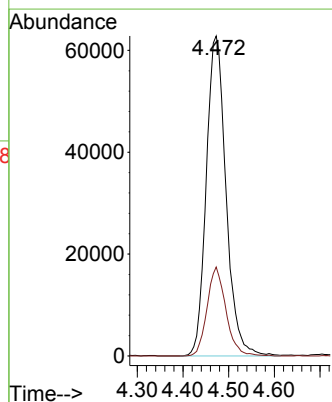
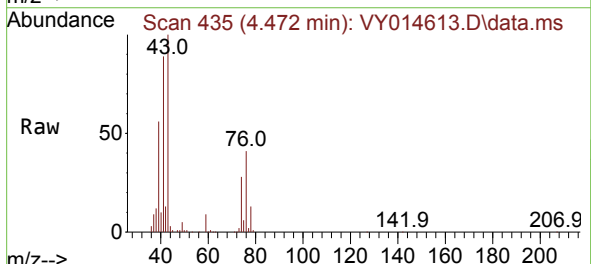
Instrument :
MSVOA_Y
ClientSampleId :

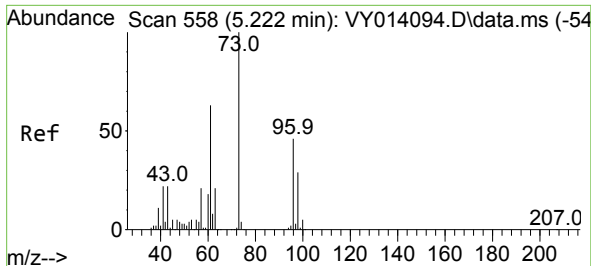
Tgt Ion: 76 Resp: 353007
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 51.880 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

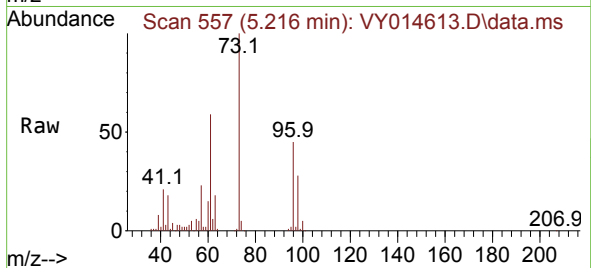
Tgt Ion: 43 Resp: 188759
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#



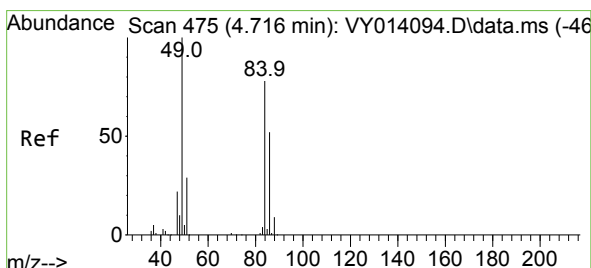
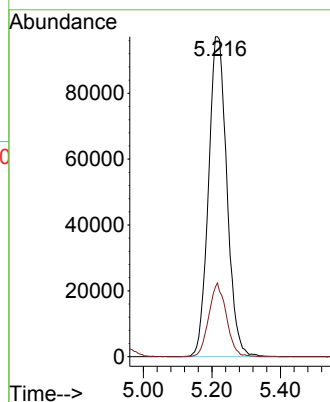
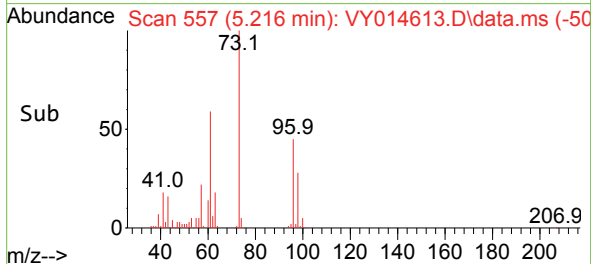


#19
Methyl tert-butyl Ether
Concen: 52.333 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :

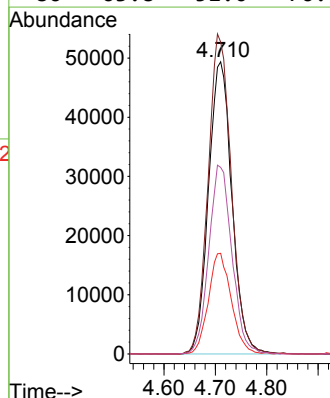
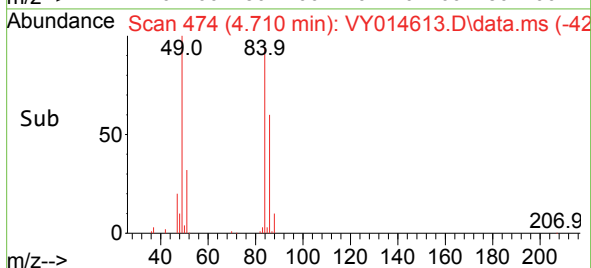
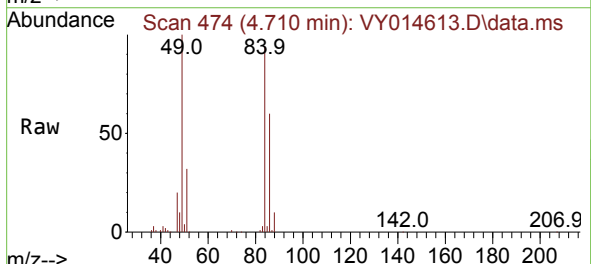


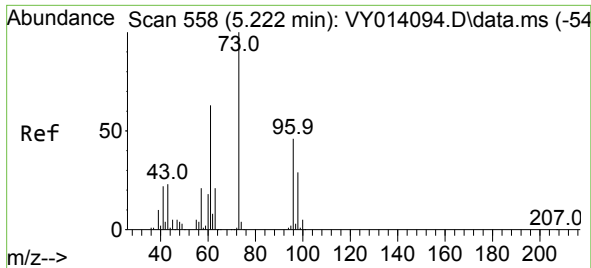
Tgt Ion: 73 Resp: 362955
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 54.591 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

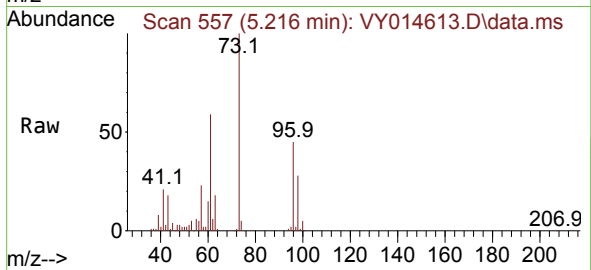
Tgt Ion: 84 Resp: 156165
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 34.5 33.2 49.8
86 63.8 51.0 76.6



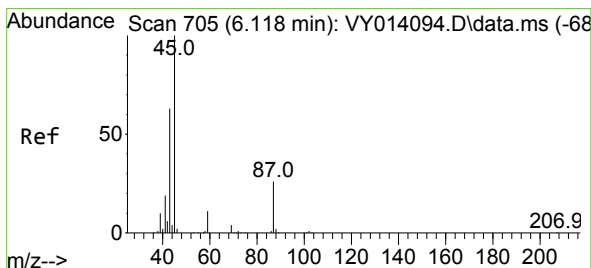
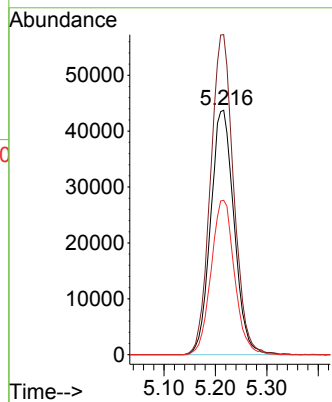
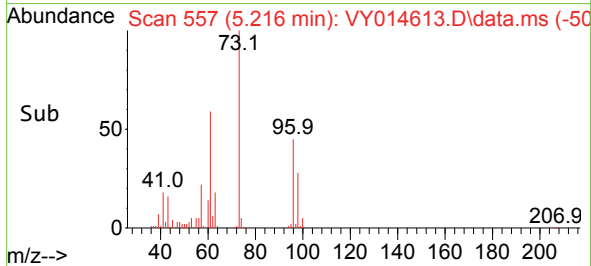


#21
trans-1,2-Dichloroethene
Concen: 50.711 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :

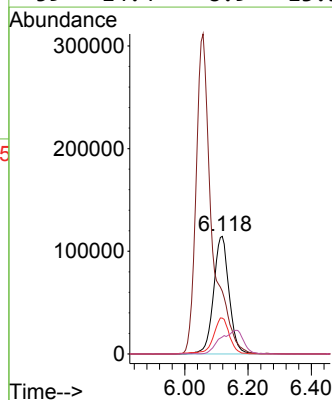
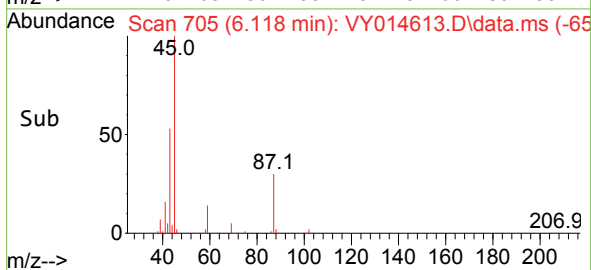
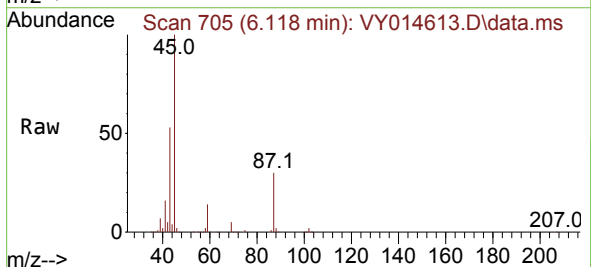


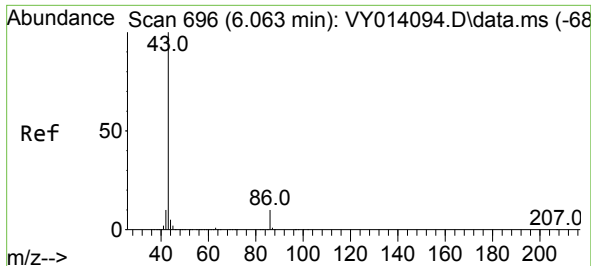
Tgt Ion: 96 Resp: 138517
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 51.918 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

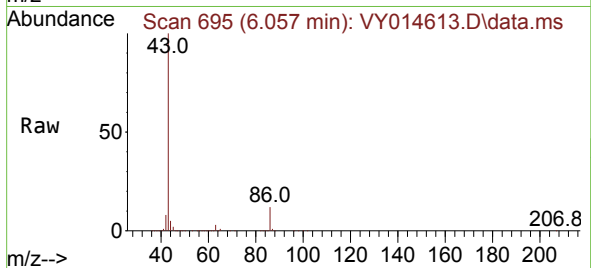
Tgt Ion: 45 Resp: 389100
Ion Ratio Lower Upper
45 100
43 53.1 52.2 78.4
87 30.4 21.0 31.6
59 14.4 8.9 13.3#



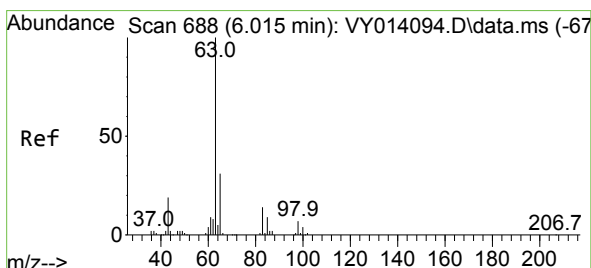
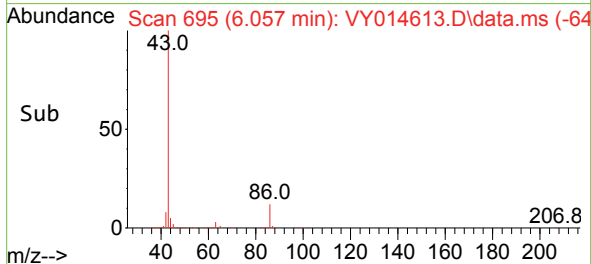
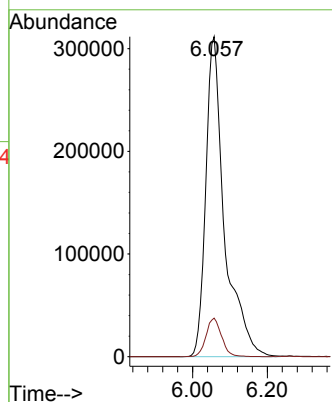


#23
 Vinyl Acetate
 Concen: 249.346 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :

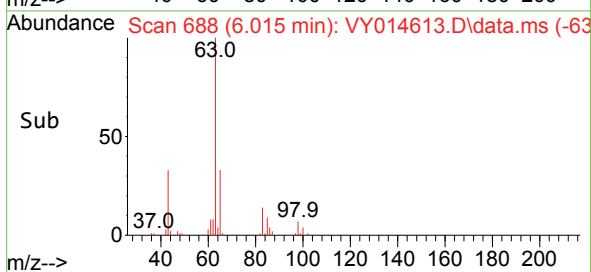
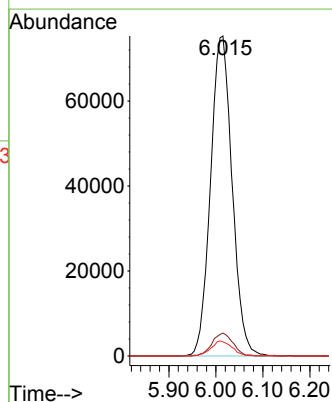
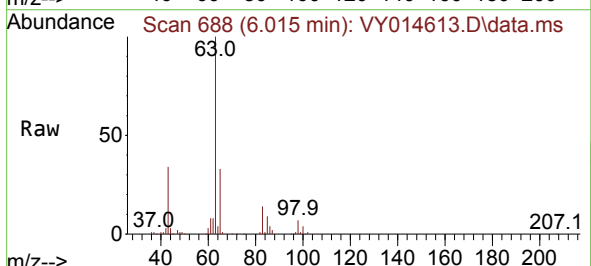


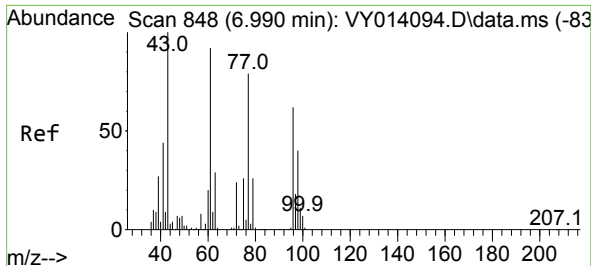
Tgt Ion: 43 Resp: 1081180
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.023 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

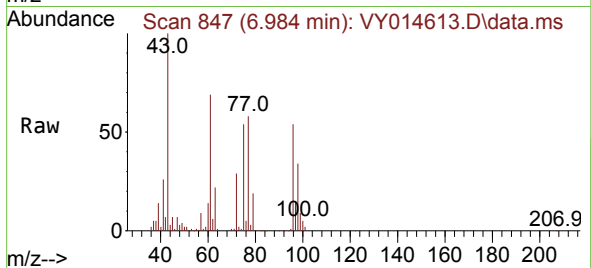
Tgt Ion: 63 Resp: 240059
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.4 1.8 5.5



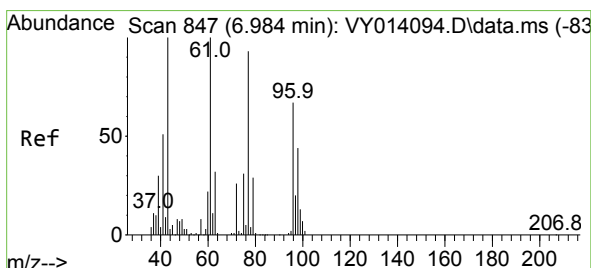
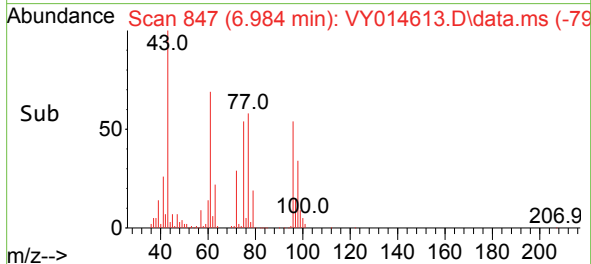
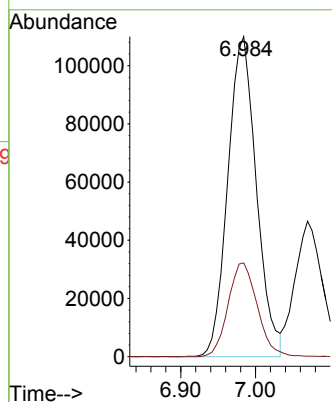


#25
2-Butanone
Concen: 247.279 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :

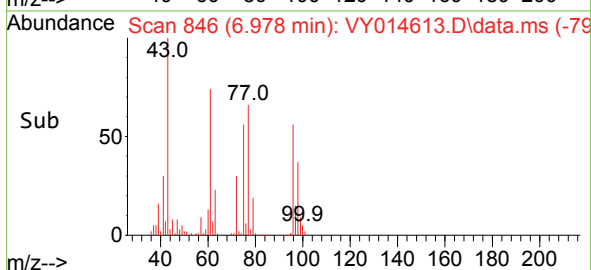
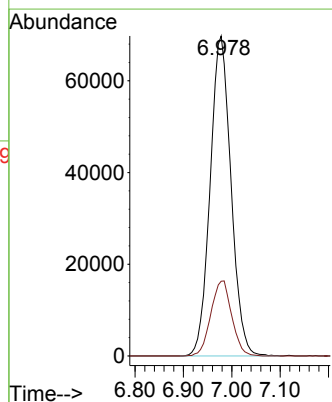
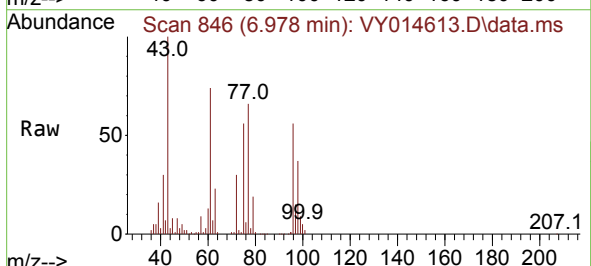


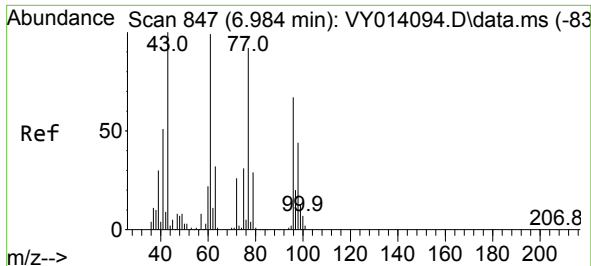
Tgt Ion: 43 Resp: 292644
Ion Ratio Lower Upper
43 100
72 29.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.054 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 77 Resp: 208749
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.574 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

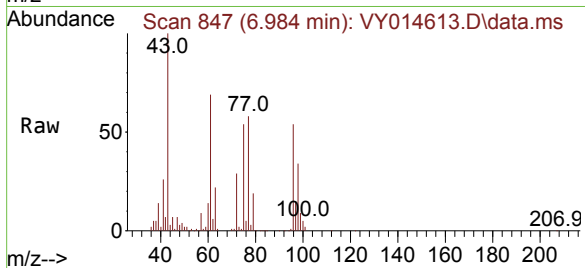
Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :



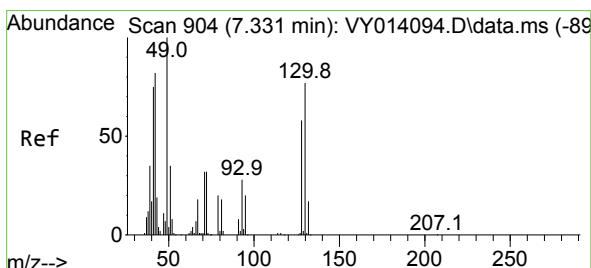
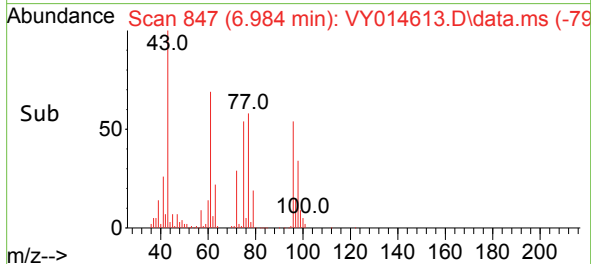
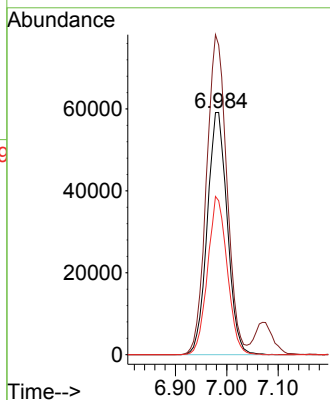
Tgt Ion: 96 Resp: 159804

Ion Ratio Lower Upper

96 100

61 134.2 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 51.133 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

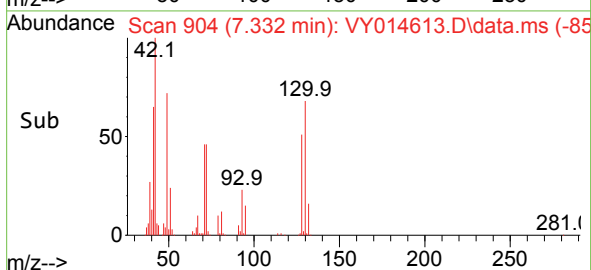
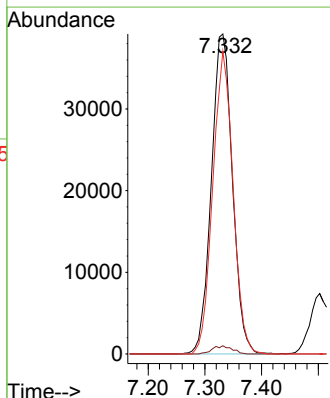
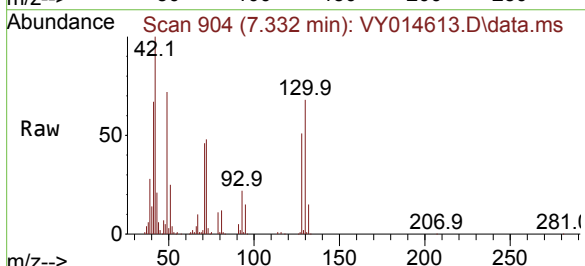
Tgt Ion: 49 Resp: 101018

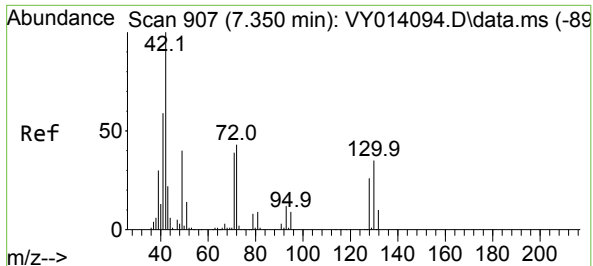
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 251.281 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

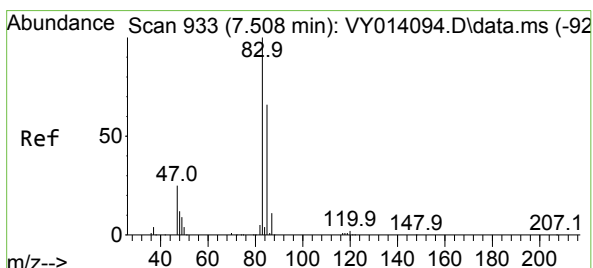
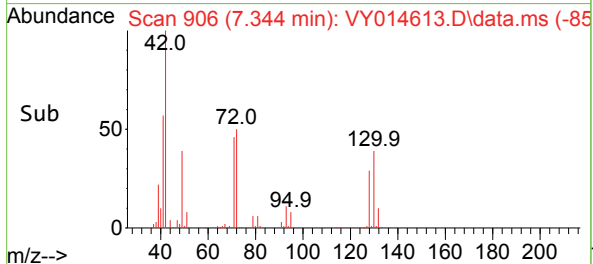
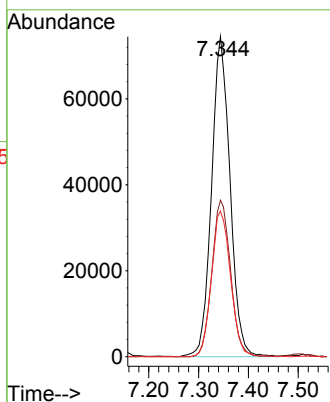
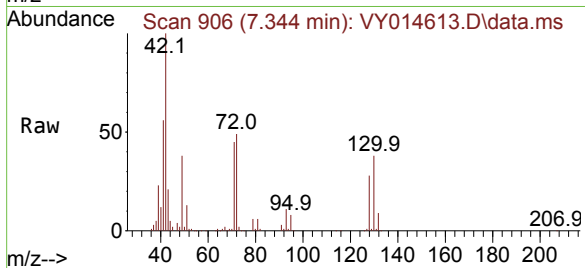
Tgt Ion: 42 Resp: 191816

Ion Ratio Lower Upper

42 100

72 49.5 32.8 49.2#

71 46.8 31.0 46.4#



#30

Chloroform

Concen: 51.333 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014613.D

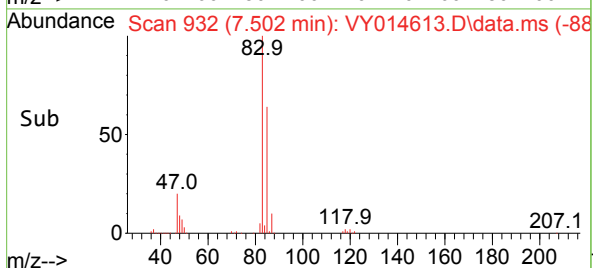
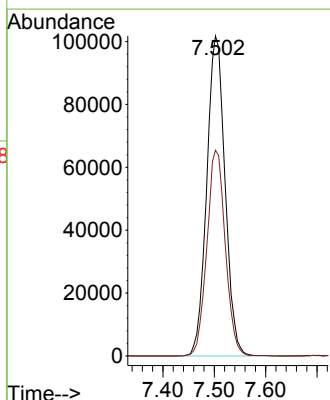
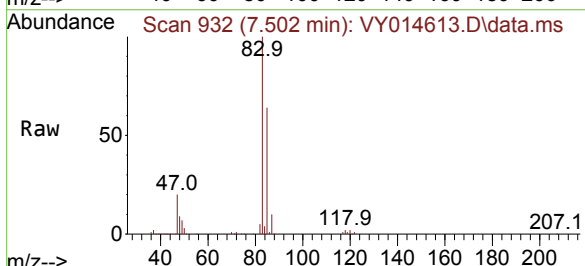
Acq: 10 Jul 2023 13:17

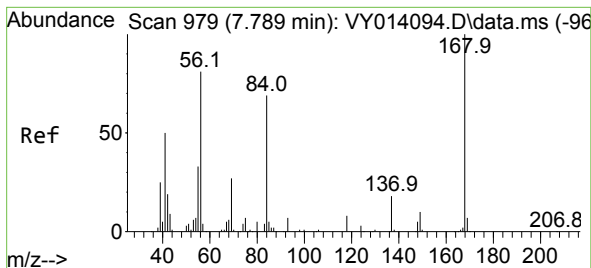
Tgt Ion: 83 Resp: 251939

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5





#31

Cyclohexane

Concen: 48.771 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

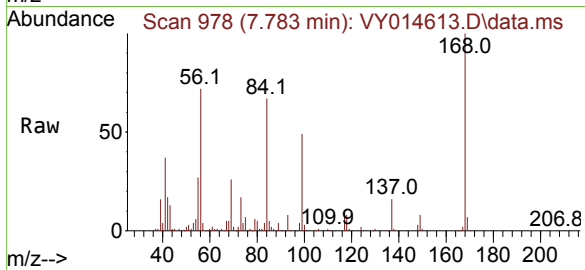
Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :



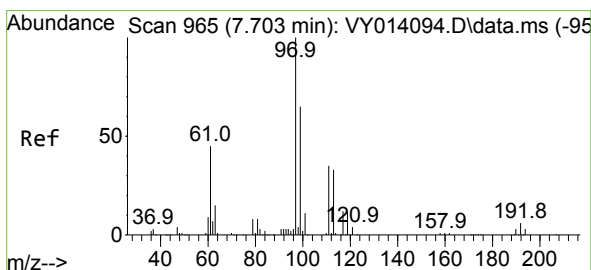
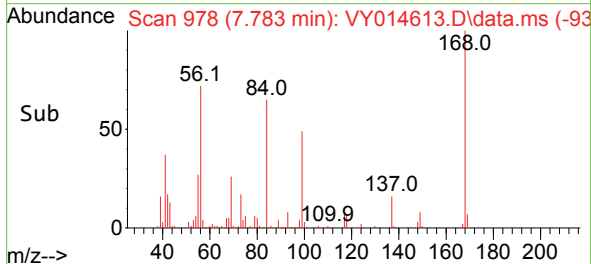
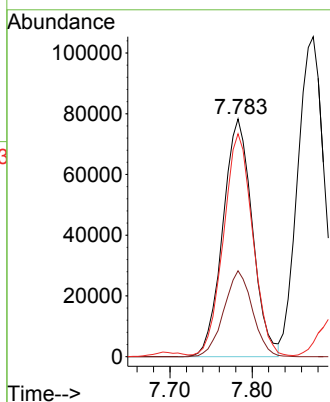
Tgt Ion: 56 Resp: 195828

Ion Ratio Lower Upper

56 100

69 36.2 27.8 41.6

84 92.2 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 51.952 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

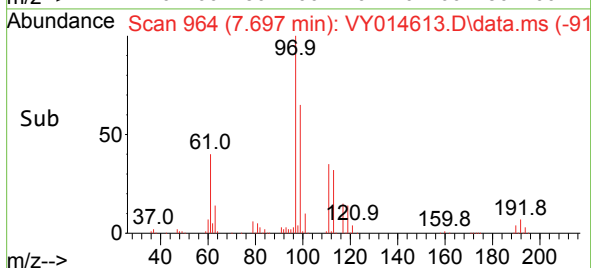
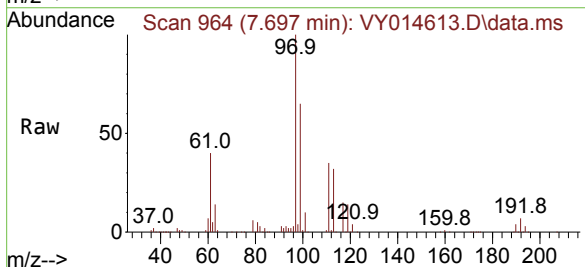
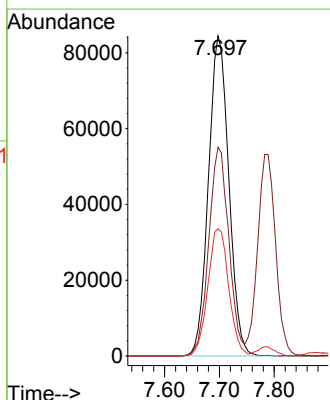
Tgt Ion: 97 Resp: 217947

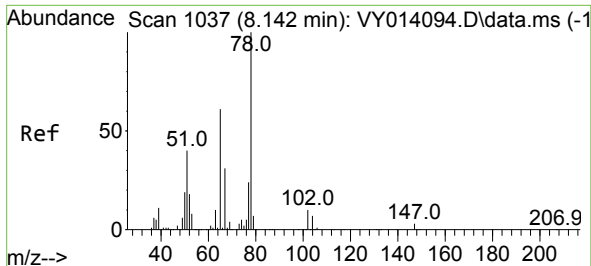
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 40.7 35.1 52.7

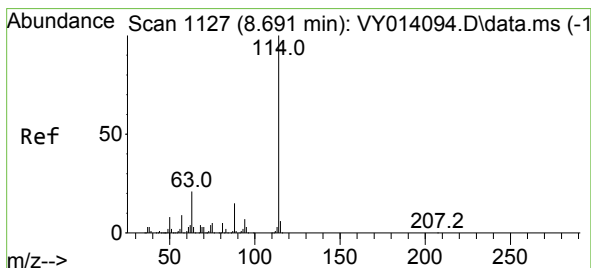
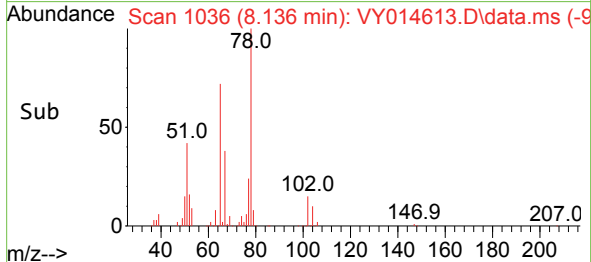
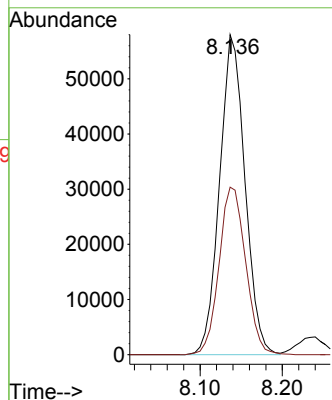
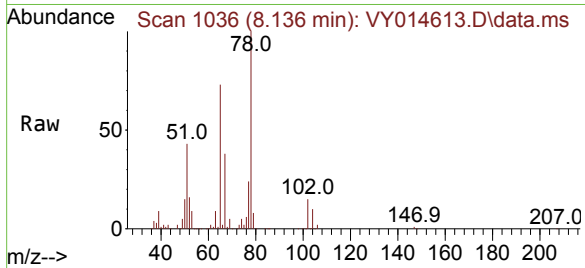




#33
 1,2-Dichloroethane-d4
 Concen: 48.658 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

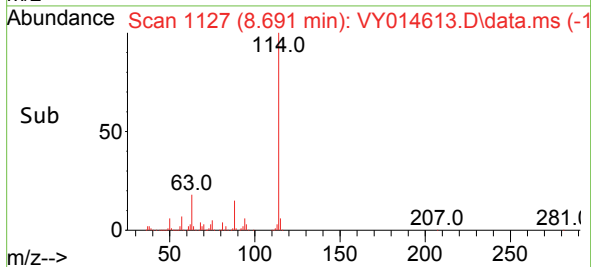
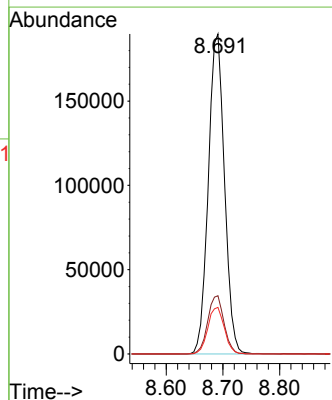
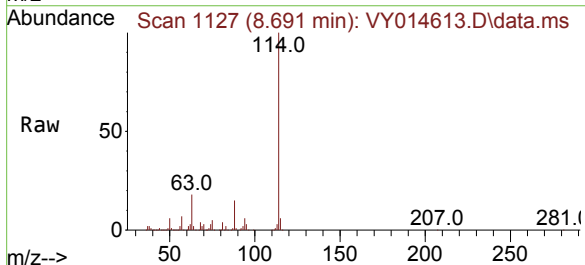
Instrument :
 MSVOA_Y
 ClientSampleId :

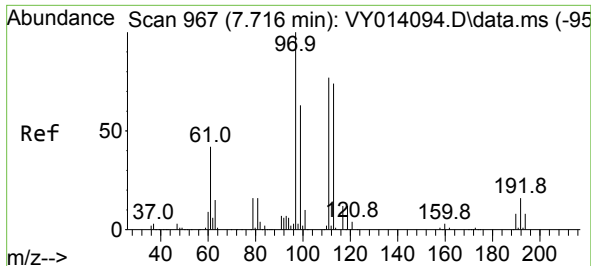
Tgt Ion: 65 Resp: 124533
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

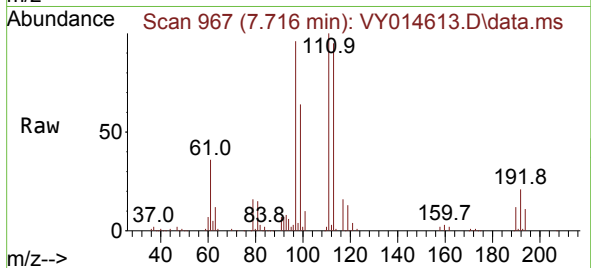
Tgt Ion: 114 Resp: 375893
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.4
 88 14.6 0.0 30.6



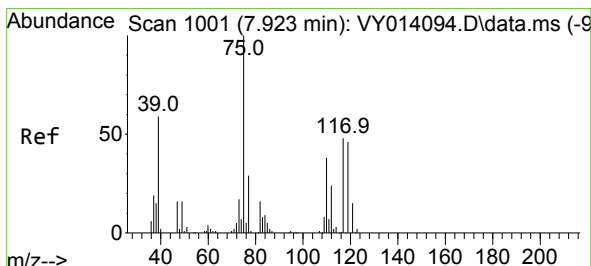
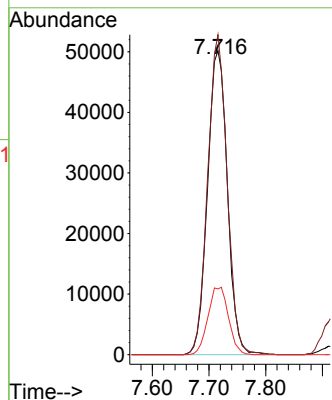
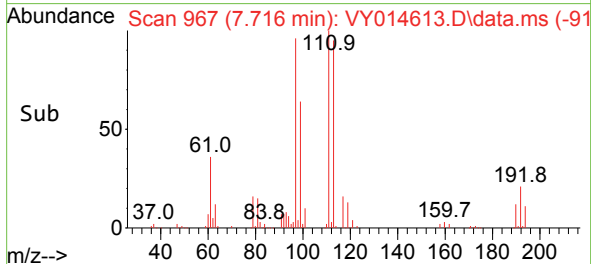


#35
 Dibromofluoromethane
 Concen: 52.692 ug/l
 RT: 7.716 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

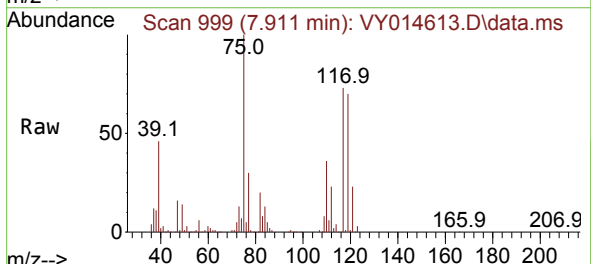
Instrument :
 MSVOA_Y
 ClientSampleId :



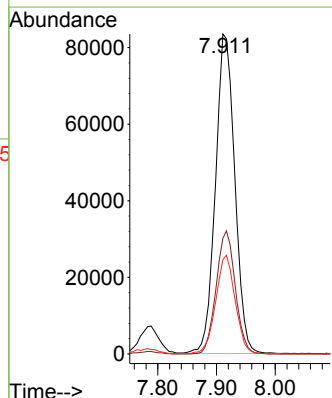
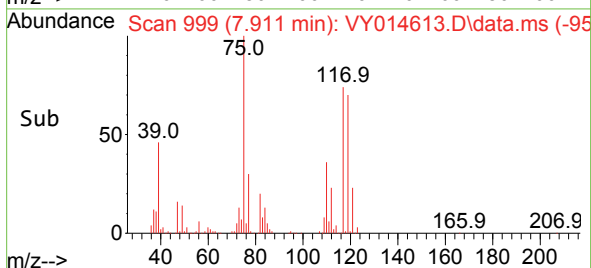
Tgt Ion:113 Resp: 121970
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 23.0 16.9 25.3

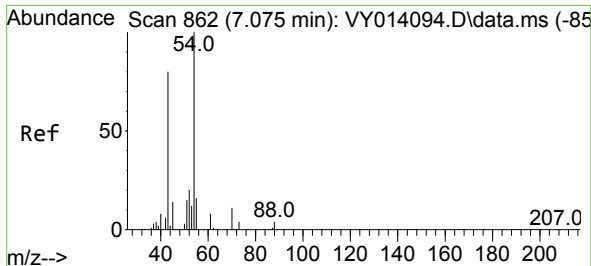


#36
 1,1-Dichloropropene
 Concen: 53.810 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.012 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17



Tgt Ion: 75 Resp: 190747
 Ion Ratio Lower Upper
 75 100
 110 38.1 17.8 53.5
 77 31.2 24.4 36.6

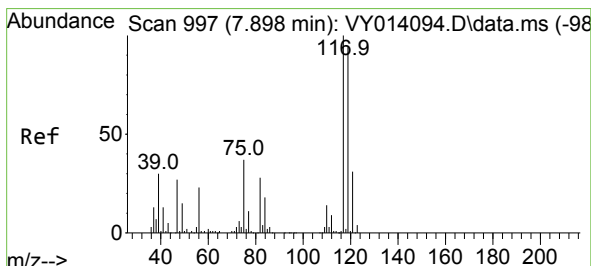
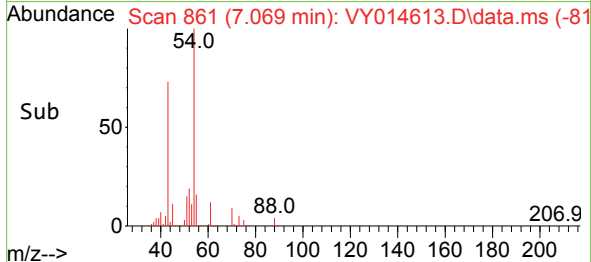
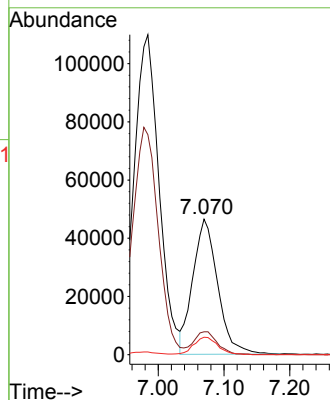
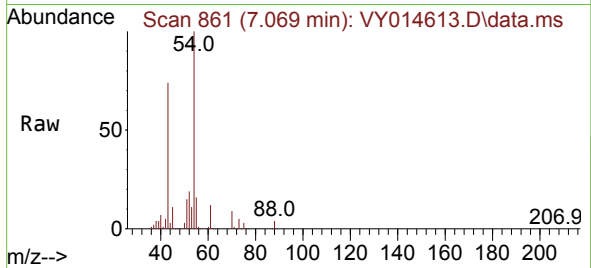




#37
Ethyl Acetate
Concen: 50.067 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

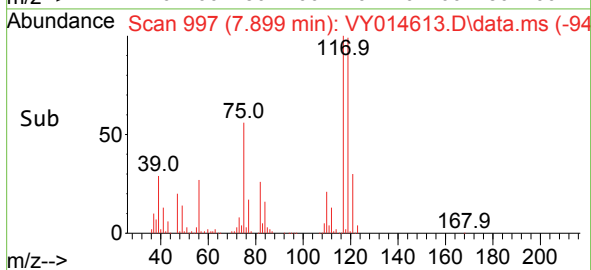
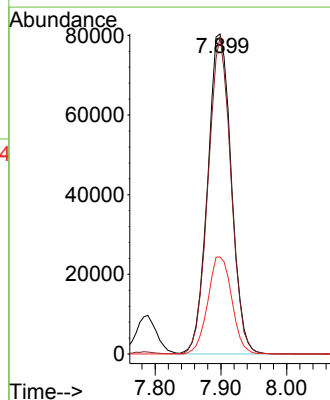
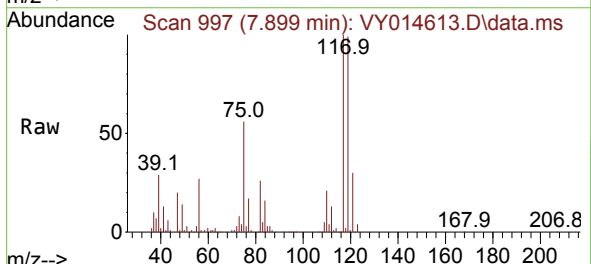
Instrument :
MSVOA_Y
ClientSampleId :

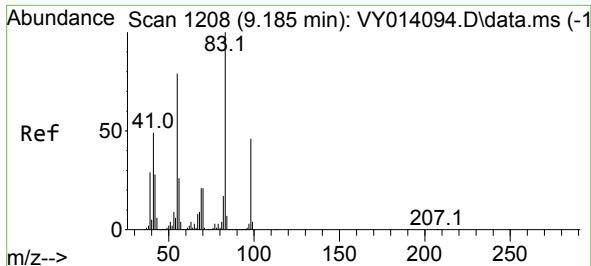
Tgt Ion: 43 Resp: 121714
Ion Ratio Lower Upper
43 100
61 16.0 10.1 15.1#
70 12.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 54.396 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 117 Resp: 201291
Ion Ratio Lower Upper
117 100
119 98.9 76.4 114.6
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 52.435 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

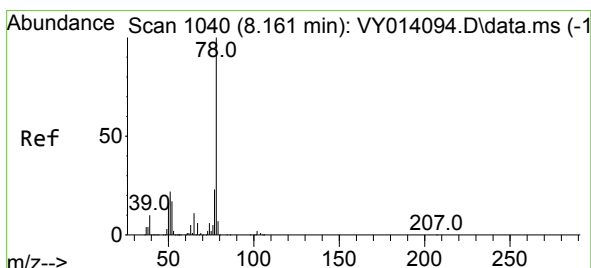
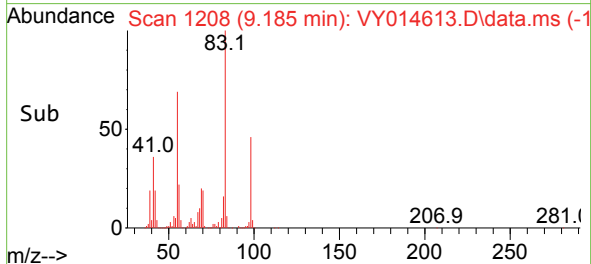
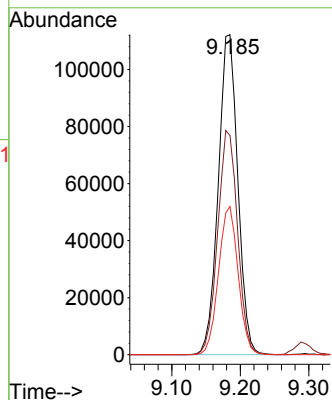
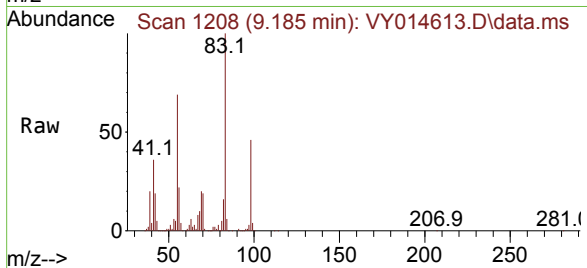
Tgt Ion: 83 Resp: 222173

Ion Ratio Lower Upper

83 100

55 68.5 63.0 94.4

98 46.3 37.4 56.2



#40

Benzene

Concen: 51.320 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014613.D

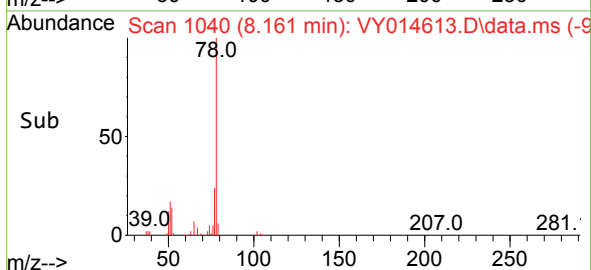
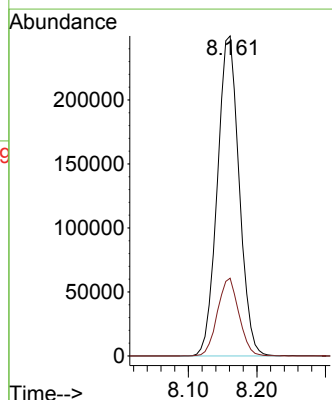
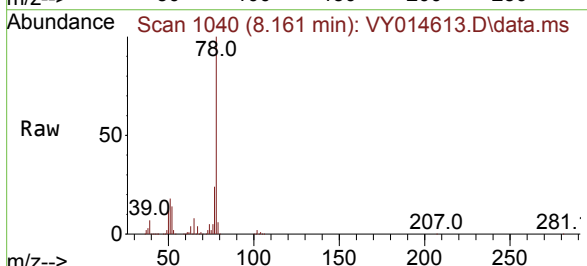
Acq: 10 Jul 2023 13:17

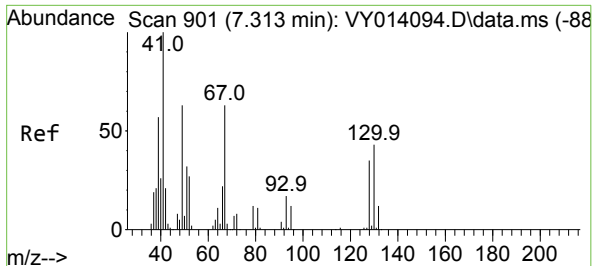
Tgt Ion: 78 Resp: 550686

Ion Ratio Lower Upper

78 100

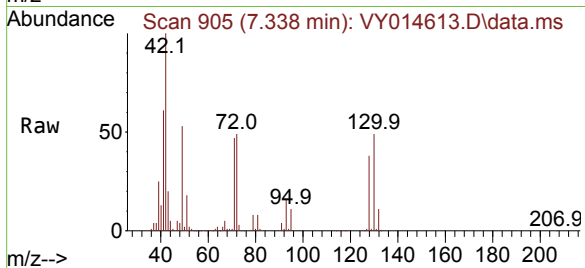
77 24.3 19.0 28.6



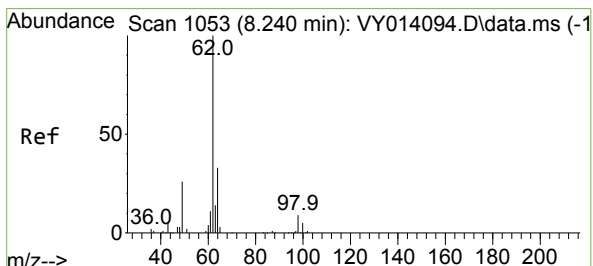
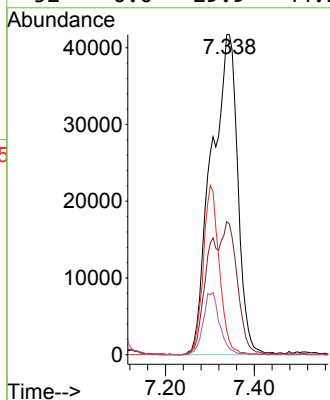
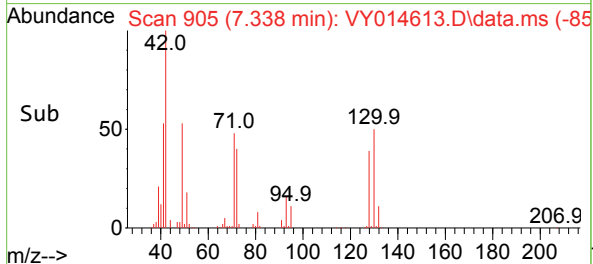


#41
Methacrylonitrile
Concen: 144.135 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :

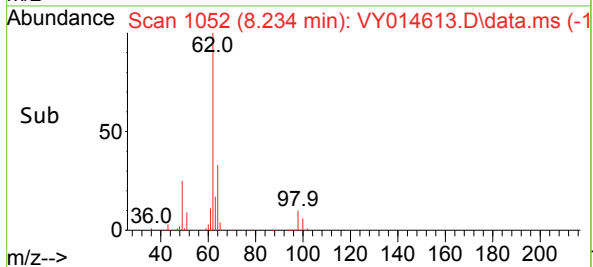
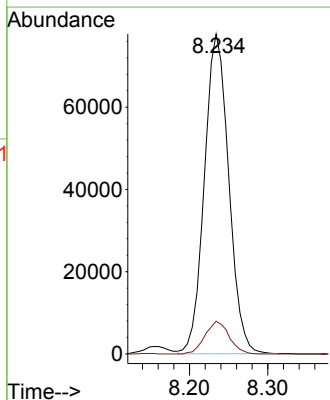
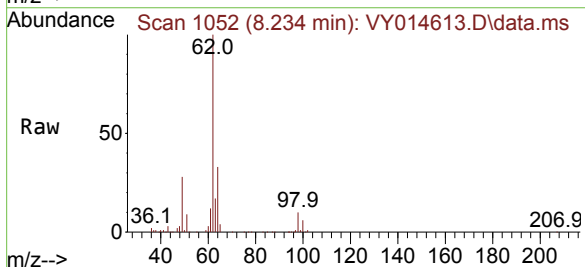


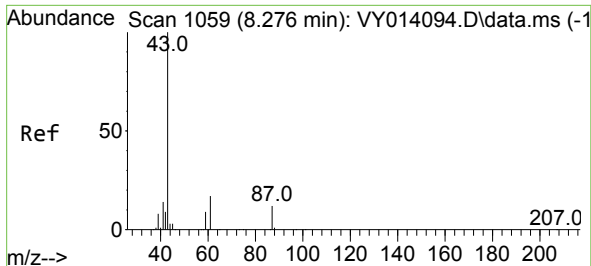
Tgt Ion: 41 Resp: 171183
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.260 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

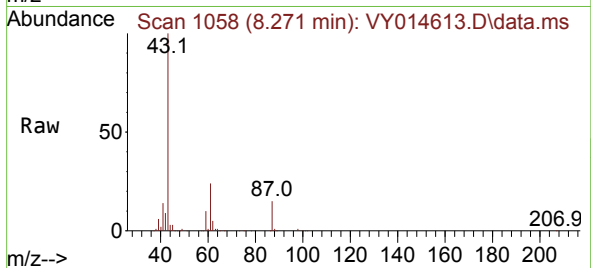
Tgt Ion: 62 Resp: 167980
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8



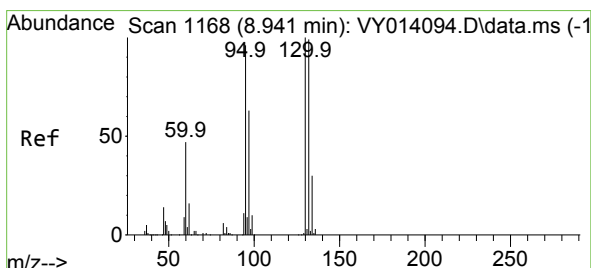
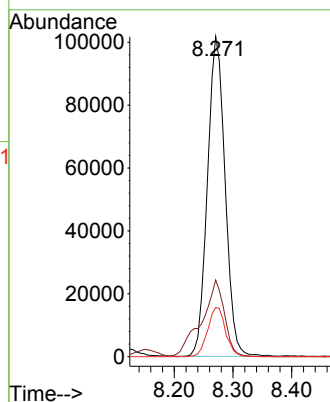
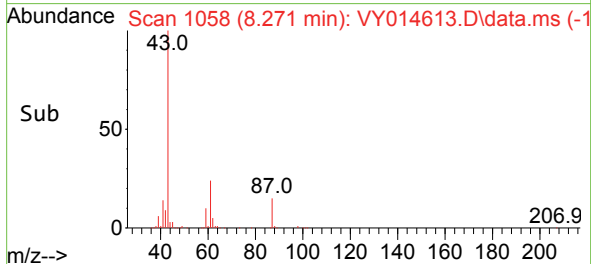


#43
Isopropyl Acetate
Concen: 51.601 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Instrument :
MSVOA_Y
ClientSampleId :

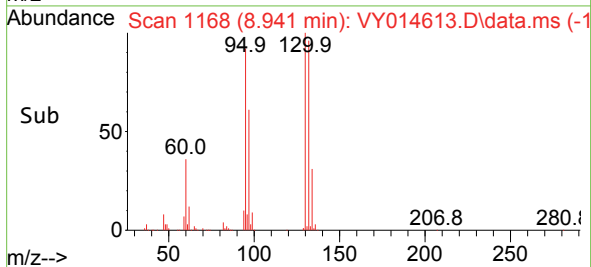
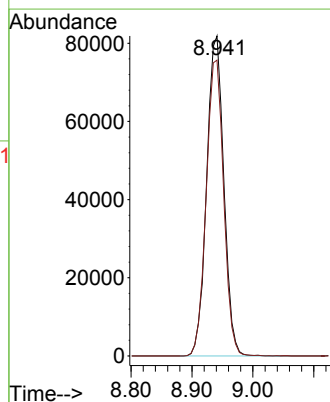
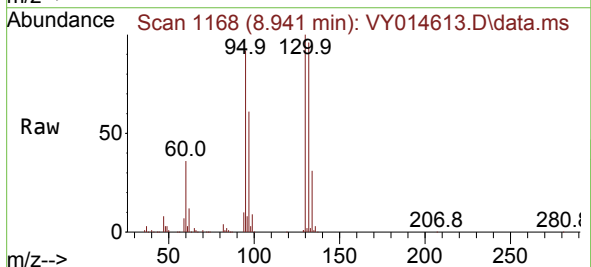


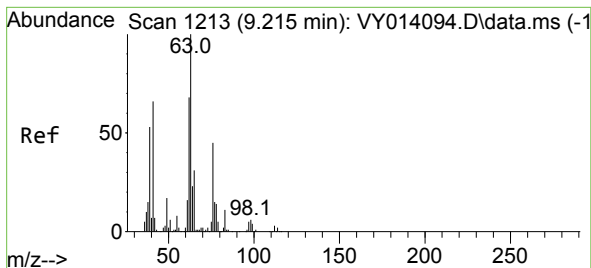
Tgt Ion: 43 Resp: 212587
Ion Ratio Lower Upper
43 100
61 31.1 21.1 31.7
87 15.6 9.8 14.8#



#44
Trichloroethene
Concen: 53.505 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion:130 Resp: 160060
Ion Ratio Lower Upper
130 100
95 92.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.782 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

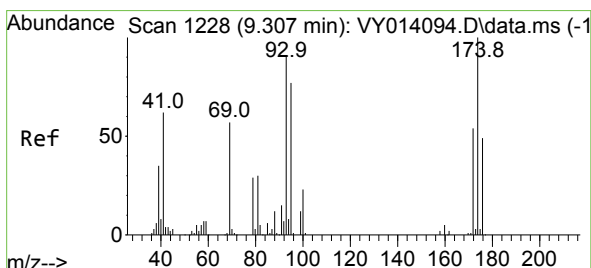
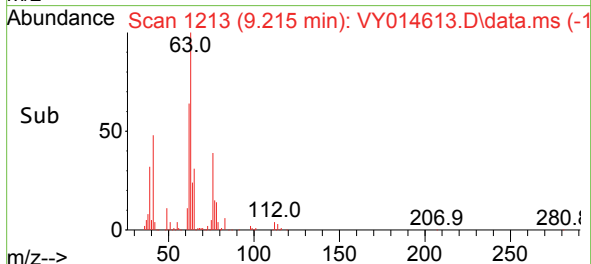
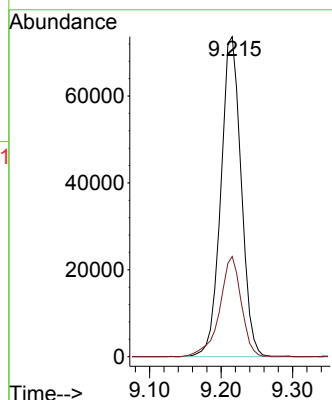
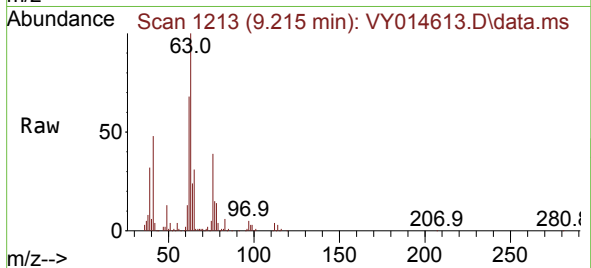
ClientSampleId :

Tgt Ion: 63 Resp: 145296

Ion Ratio Lower Upper

63 100

65 31.3 23.8 35.6



#46

Dibromomethane

Concen: 54.312 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

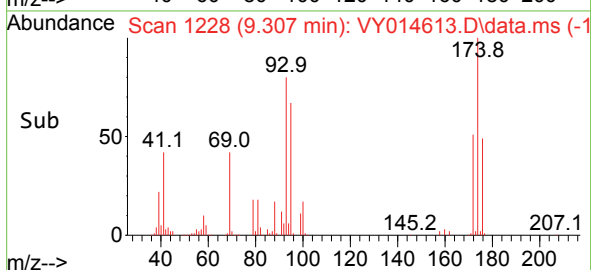
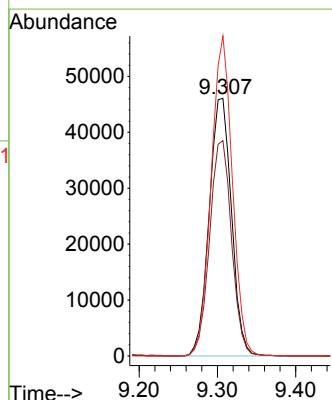
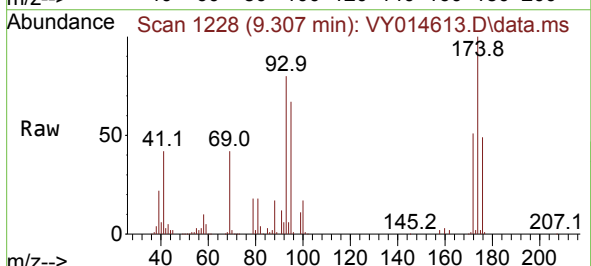
Tgt Ion: 93 Resp: 91017

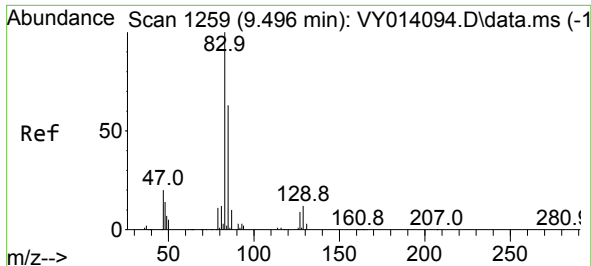
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 118.2 84.8 127.2

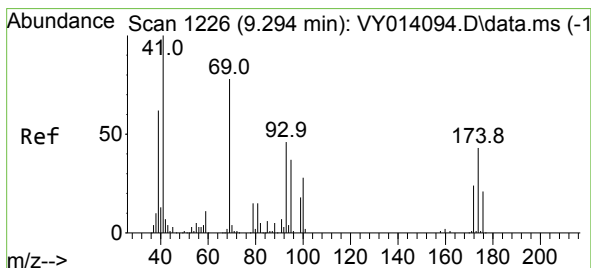
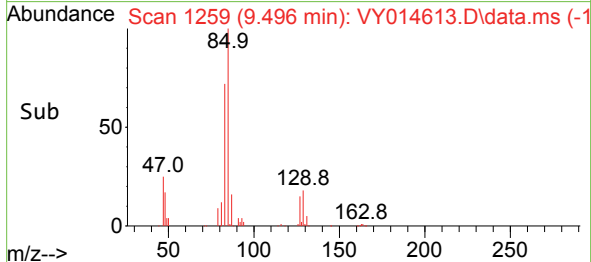
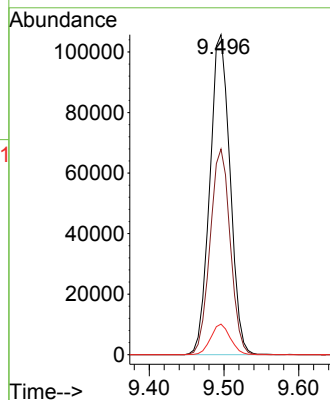
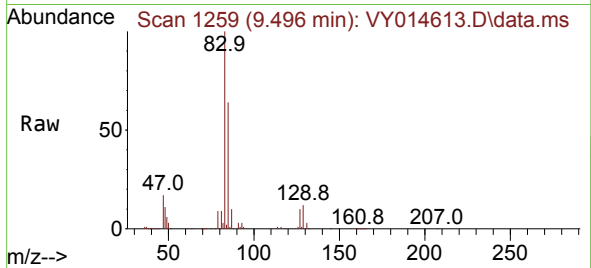




#47
Bromodichloromethane
Concen: 53.667 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

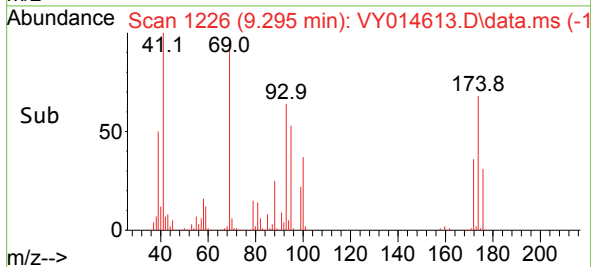
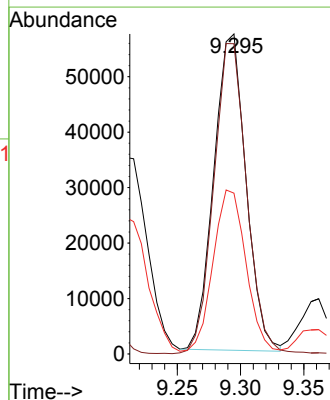
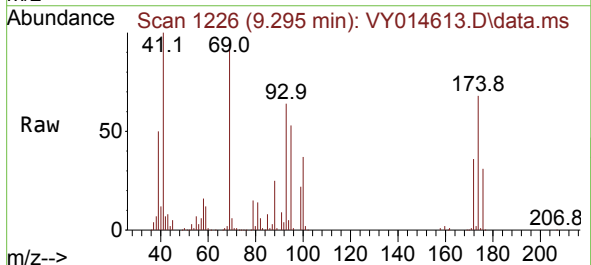
Instrument :
MSVOA_Y
ClientSampleId :

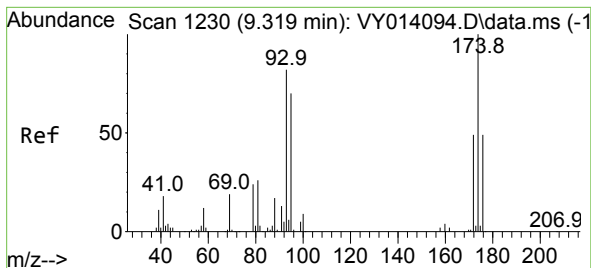
Tgt Ion: 83 Resp: 198162
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 53.787 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 41 Resp: 100769
Ion Ratio Lower Upper
41 100
69 100.4 64.5 96.7#
39 52.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1031.383 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

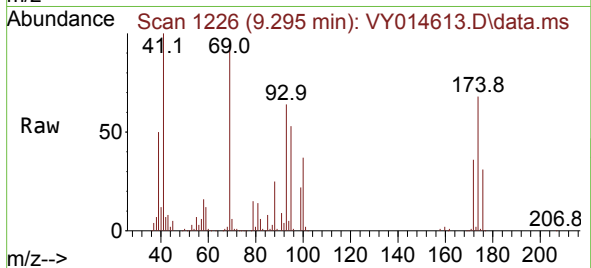
Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :



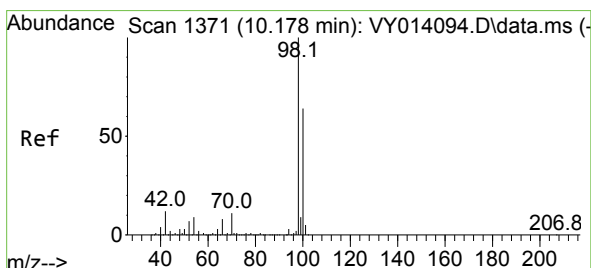
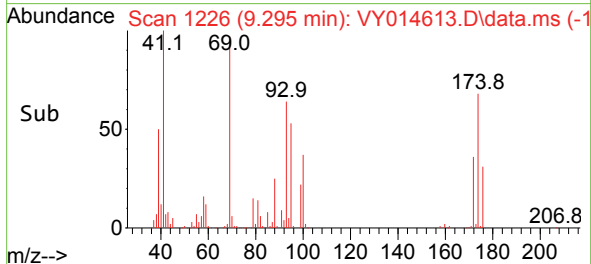
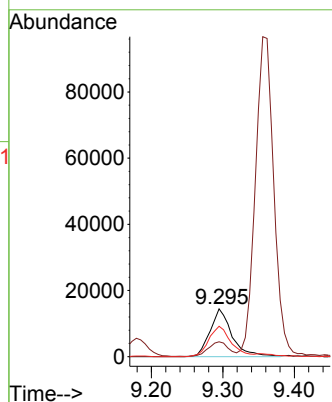
Tgt Ion: 88 Resp: 30864

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

58 64.3 30.9 46.3#



#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014613.D

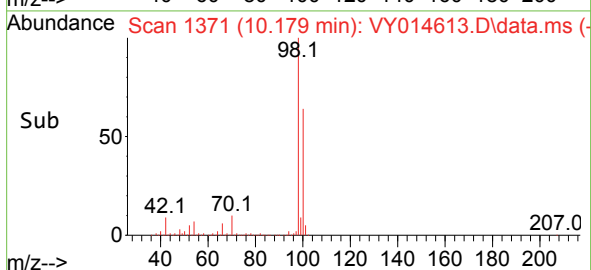
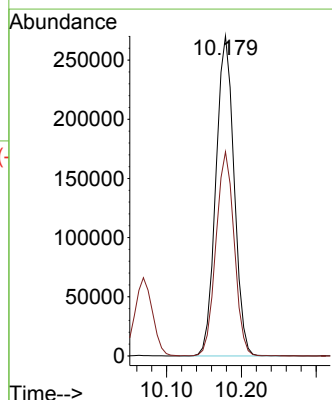
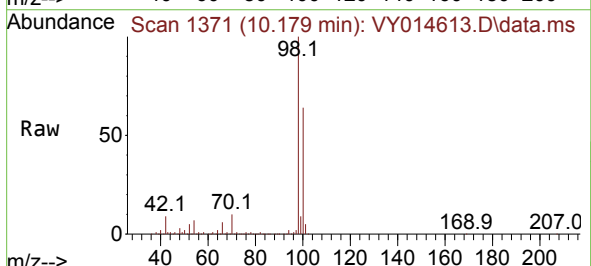
Acq: 10 Jul 2023 13:17

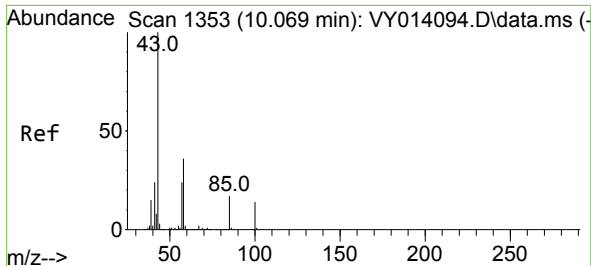
Tgt Ion: 98 Resp: 457074

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1

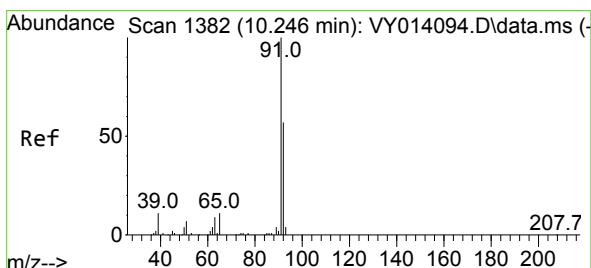
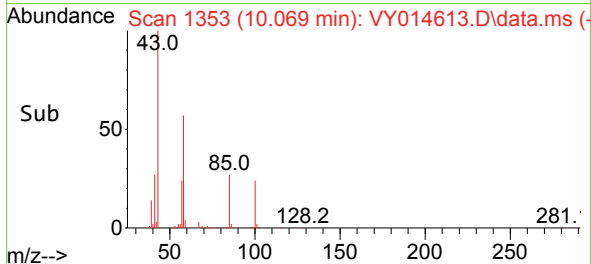
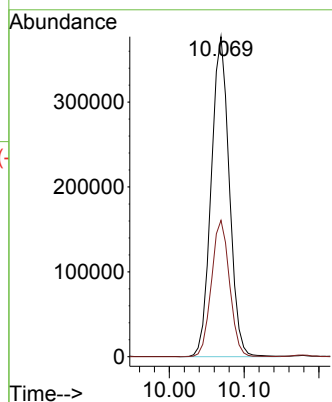
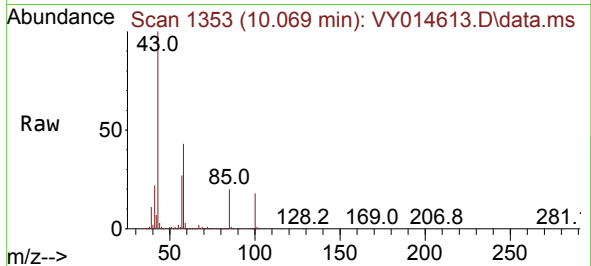




#51
4-Methyl-2-Pentanone
Concen: 259.608 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

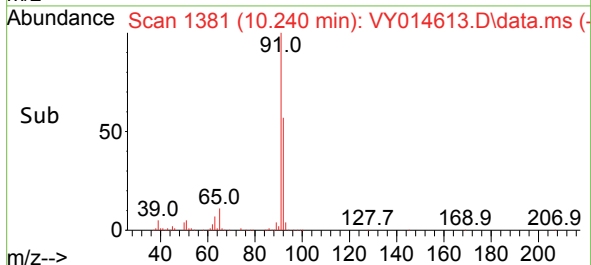
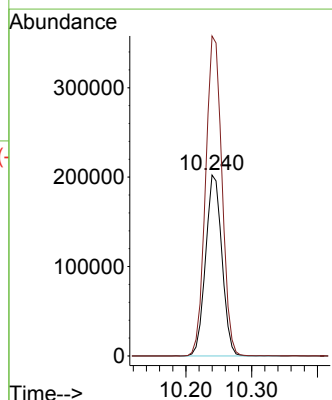
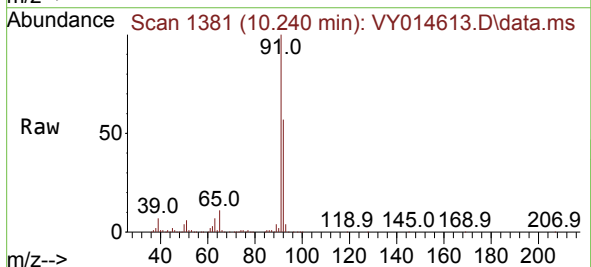
Instrument :
MSVOA_Y
ClientSampleId :

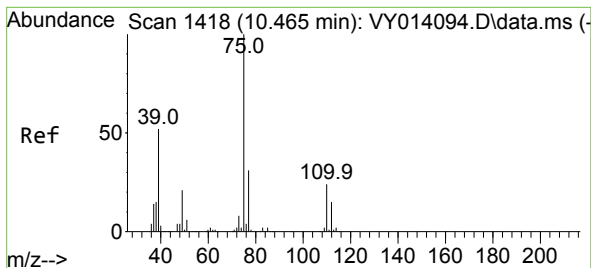
Tgt Ion: 43 Resp: 633195
Ion Ratio Lower Upper
43 100
58 42.7 29.0 43.6



#52
Toluene
Concen: 51.724 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 92 Resp: 349265
Ion Ratio Lower Upper
92 100
91 177.5 143.8 215.6

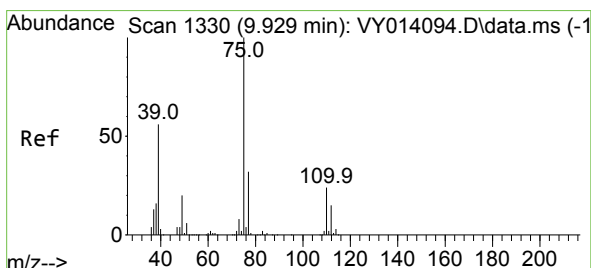
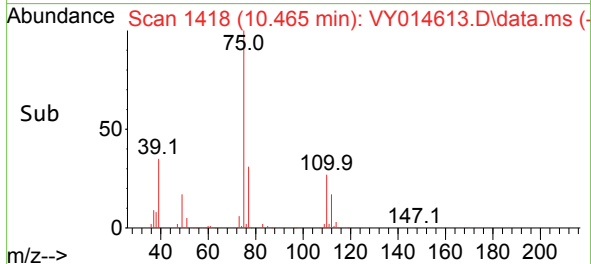
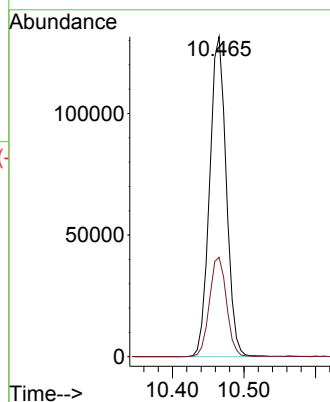
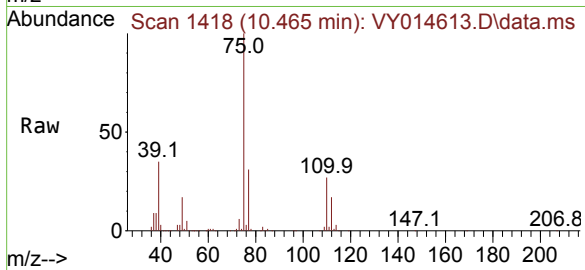




#53
t-1,3-Dichloropropene
Concen: 53.915 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

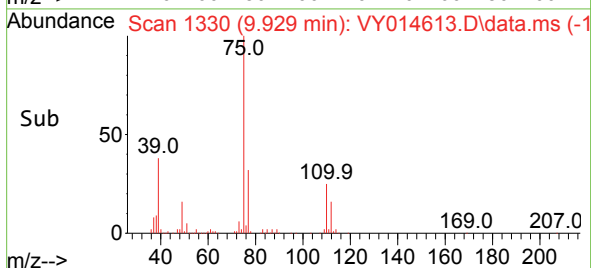
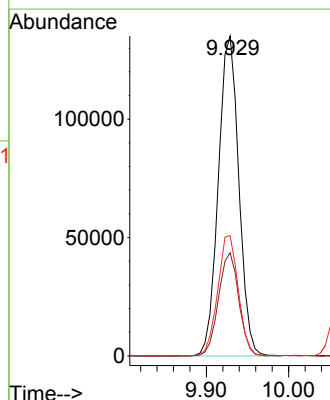
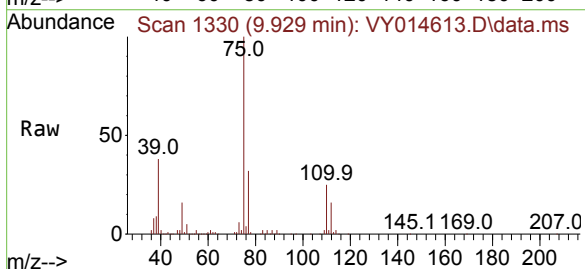
Instrument :
MSVOA_Y
ClientSampleId :

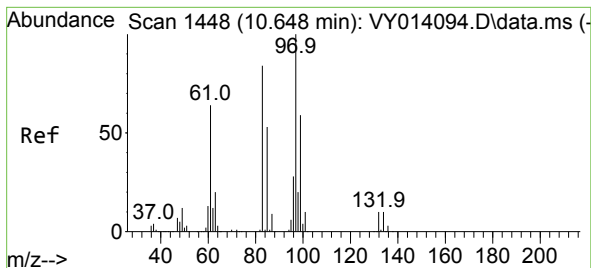
Tgt Ion: 75 Resp: 212886
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.113 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 75 Resp: 233990
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 37.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 53.480 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 130409

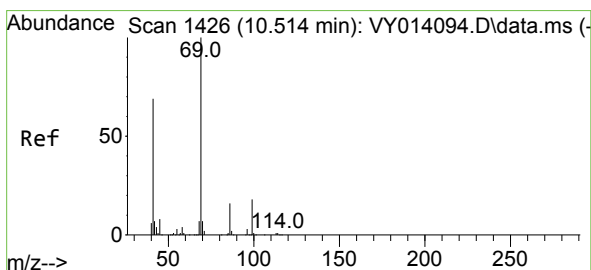
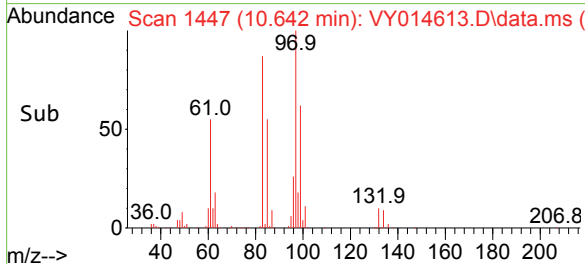
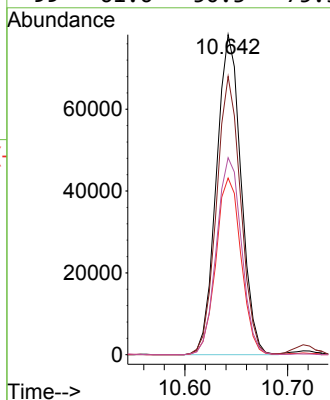
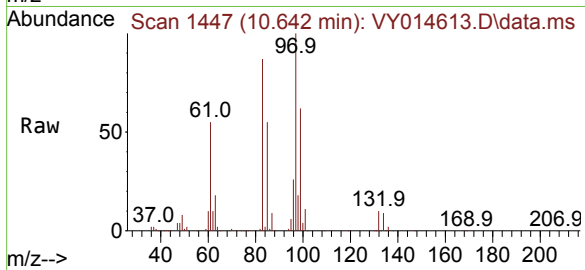
Ion Ratio Lower Upper

97 100

83 87.0 72.0 108.0

85 55.2 45.4 68.0

99 61.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.189 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

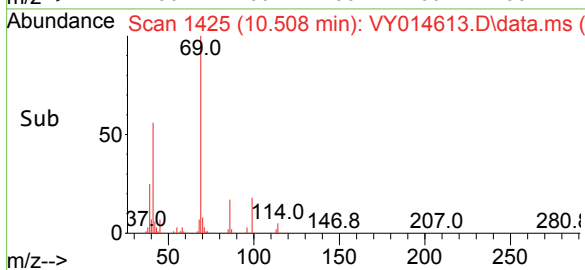
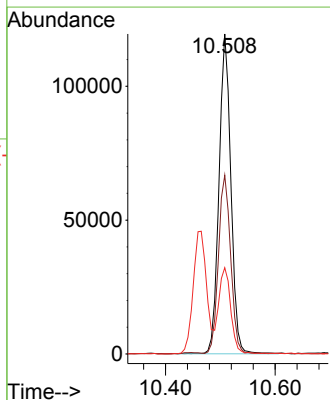
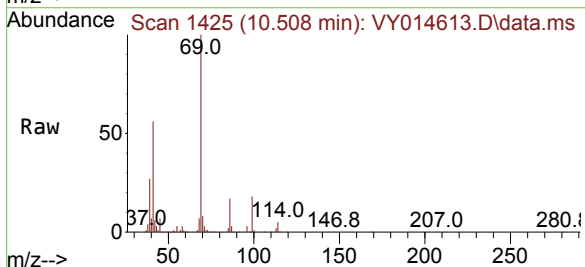
Tgt Ion: 69 Resp: 179747

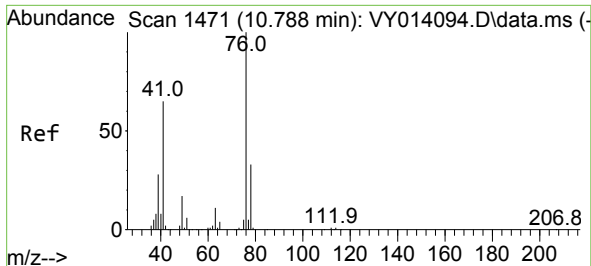
Ion Ratio Lower Upper

69 100

41 57.1 57.6 86.4#

39 26.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.063 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

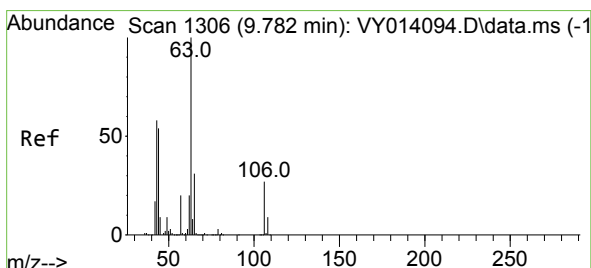
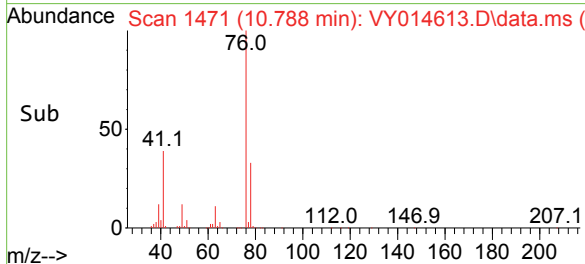
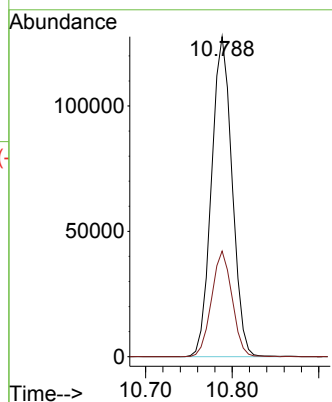
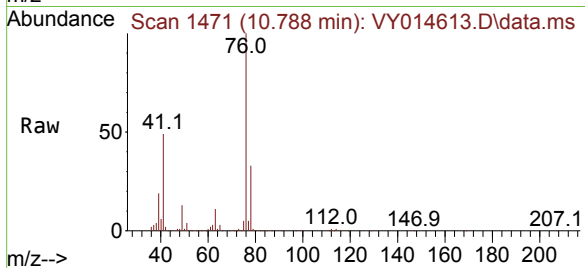
ClientSampleId :

Tgt Ion: 76 Resp: 210828

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 275.234 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014613.D

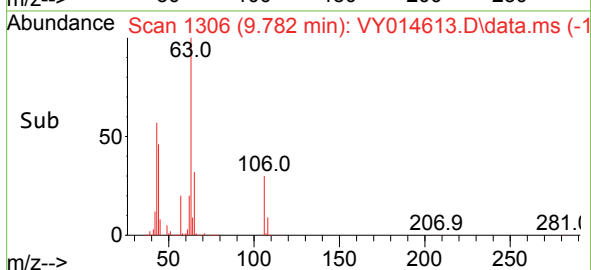
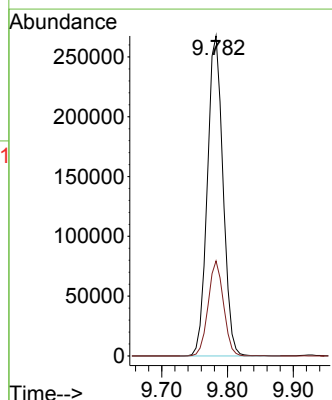
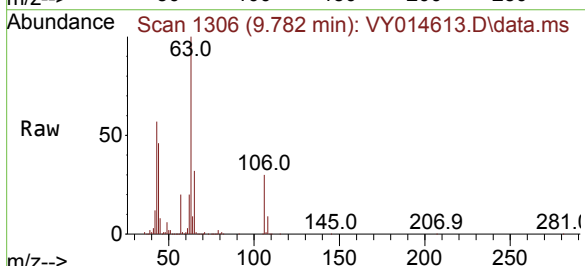
Acq: 10 Jul 2023 13:17

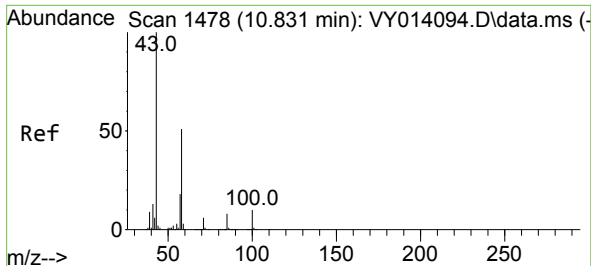
Tgt Ion: 63 Resp: 442290

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8

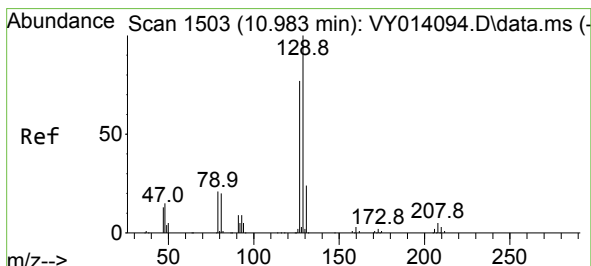
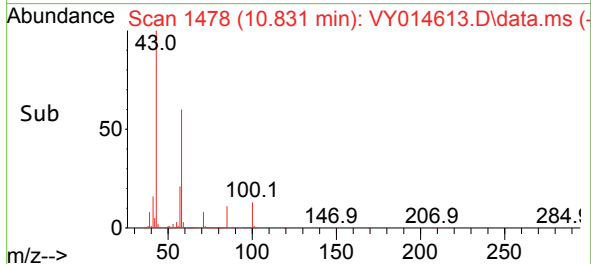
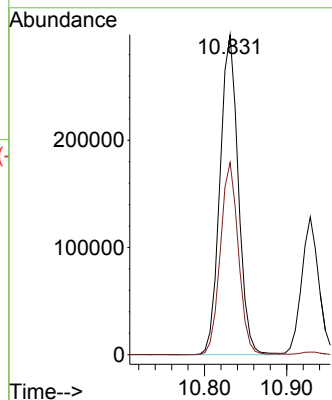
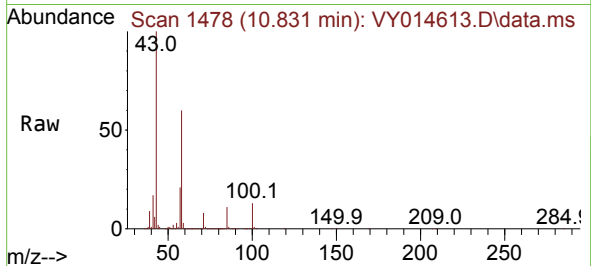




#59
2-Hexanone
Concen: 262.252 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

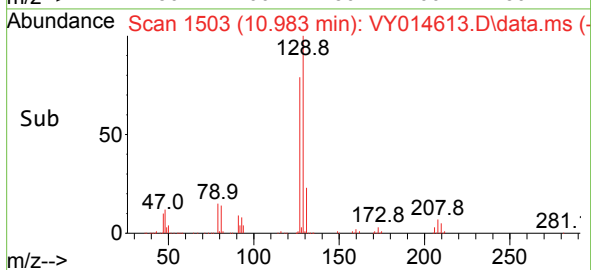
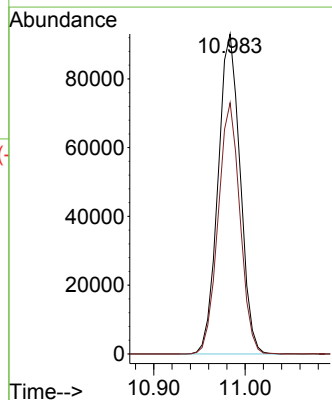
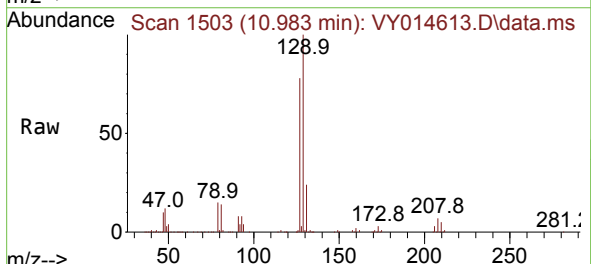
Instrument :
MSVOA_Y
ClientSampleId :

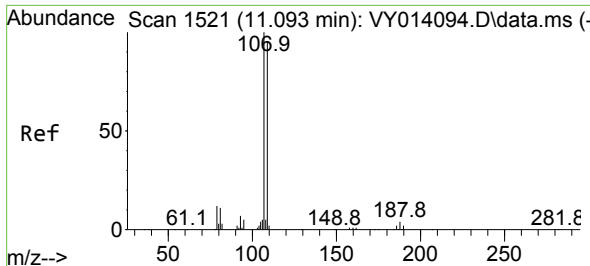
Tgt Ion: 43 Resp: 462053
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3



#60
Dibromochloromethane
Concen: 54.739 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 129 Resp: 156405
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

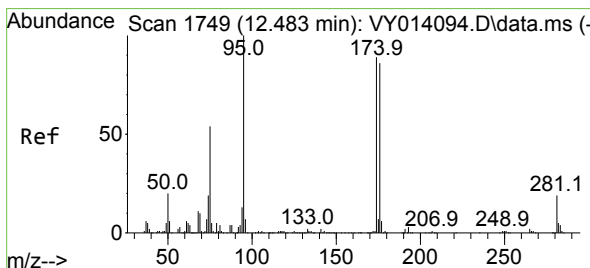
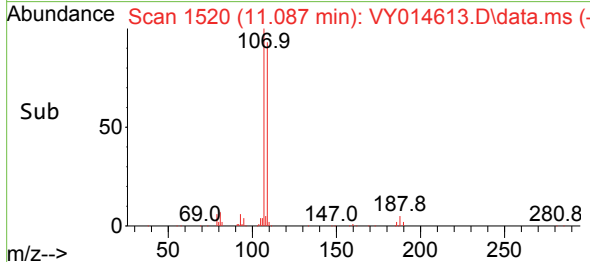
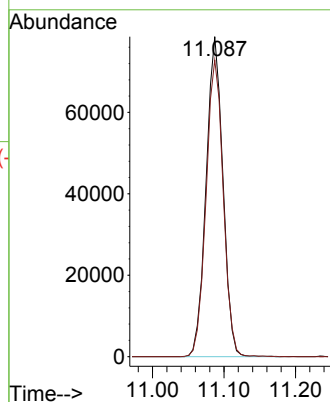
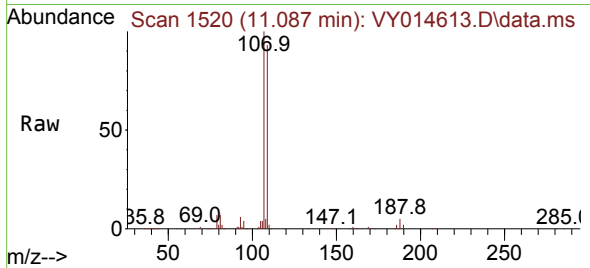




#61
1,2-Dibromoethane
Concen: 53.847 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

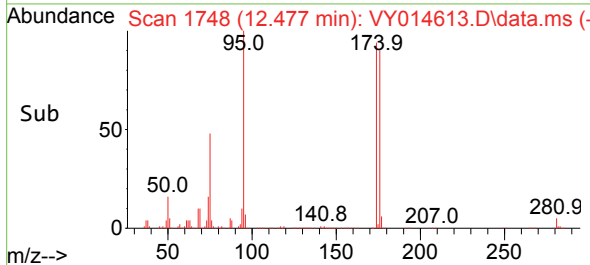
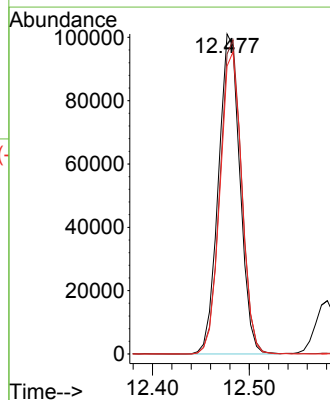
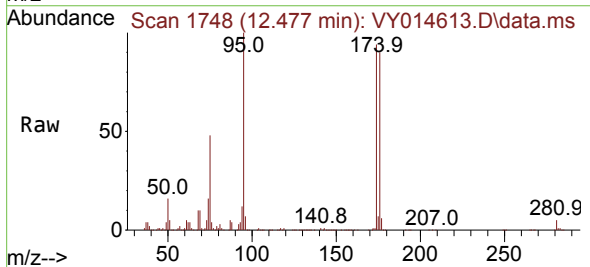
Instrument :
MSVOA_Y
ClientSampleId :

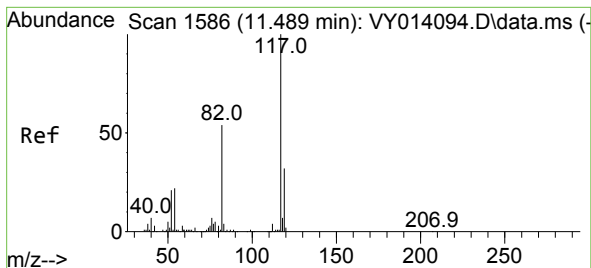
Tgt Ion:107 Resp: 128190
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 95 Resp: 156127
Ion Ratio Lower Upper
95 100
174 98.1 0.0 178.2
176 94.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

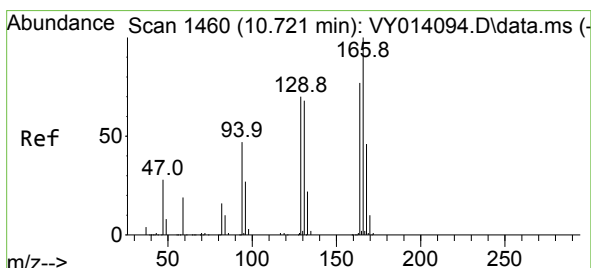
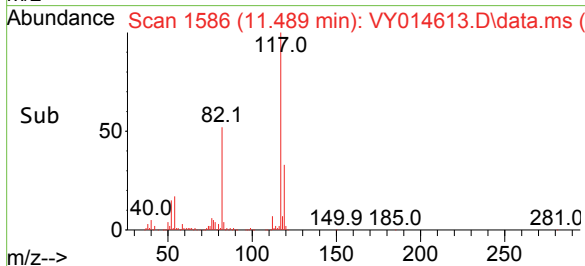
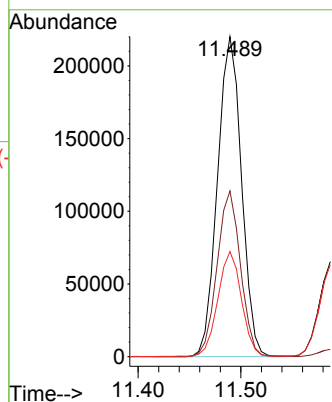
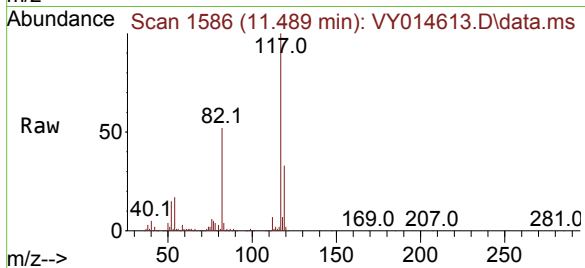
Tgt Ion:117 Resp: 356872

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 51.523 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Tgt Ion:164 Resp: 164369

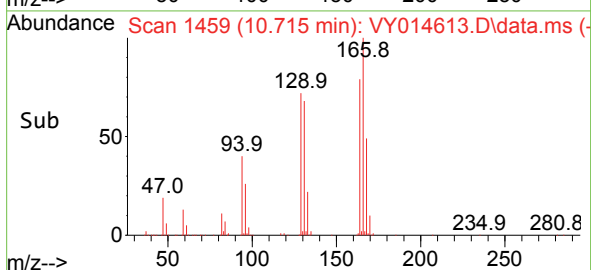
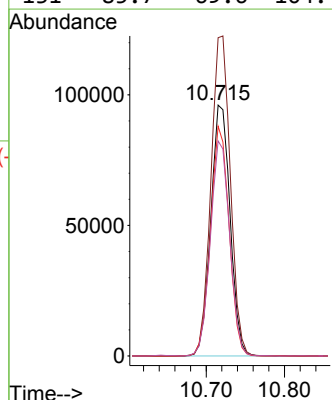
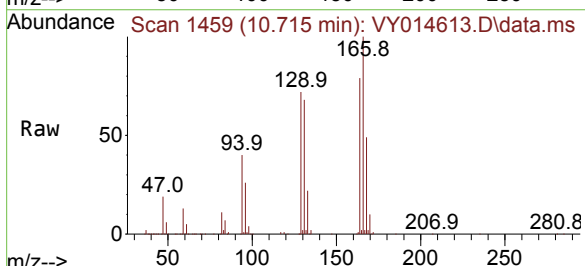
Ion Ratio Lower Upper

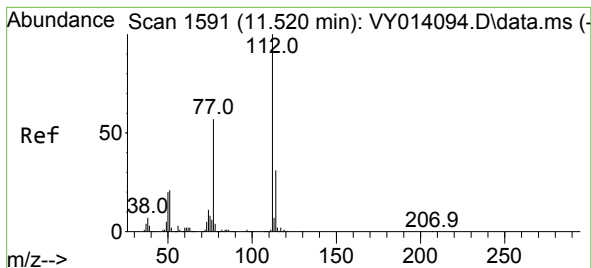
164 100

166 126.8 103.0 154.6

129 91.6 77.2 115.8

131 85.7 69.6 104.4





#65

Chlorobenzene

Concen: 50.976 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

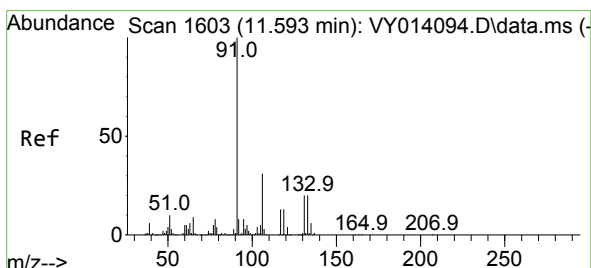
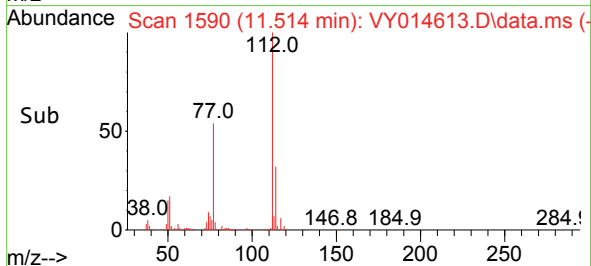
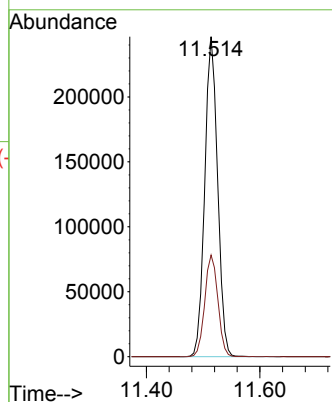
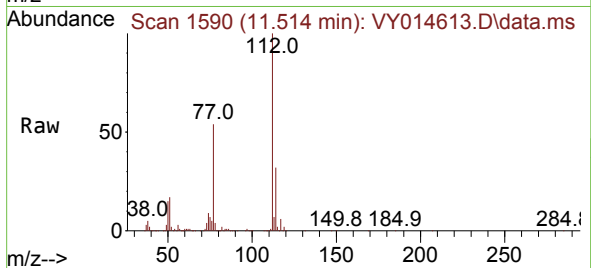
ClientSampleId :

Tgt Ion:112 Resp: 387685

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.960 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

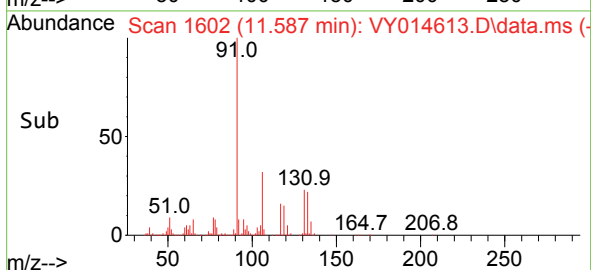
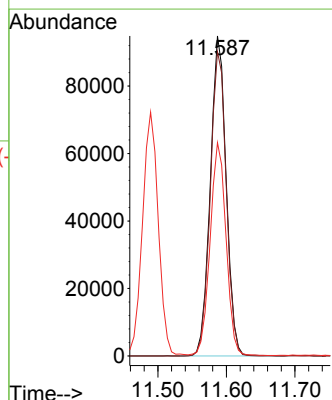
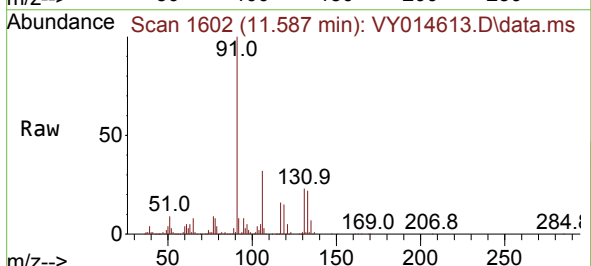
Tgt Ion:131 Resp: 153084

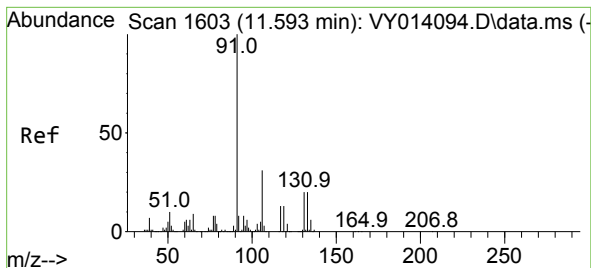
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 66.6 31.6 94.7





#67

Ethyl Benzene

Concen: 51.502 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

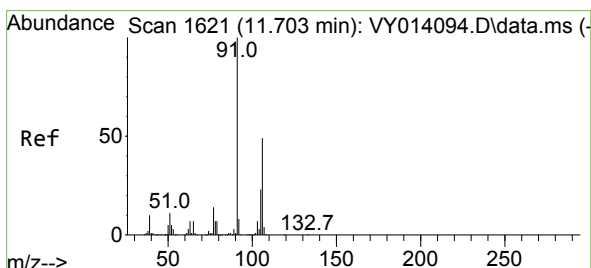
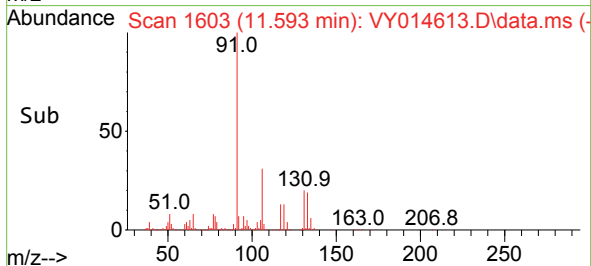
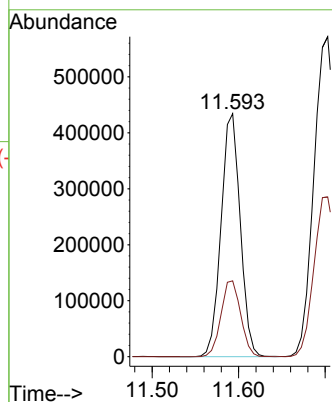
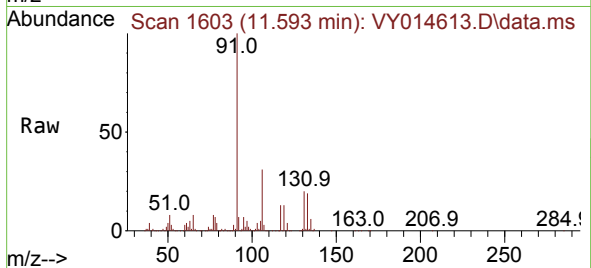
ClientSampleId :

Tgt Ion: 91 Resp: 667944

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 103.225 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014613.D

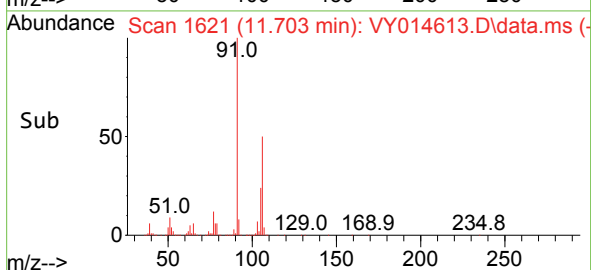
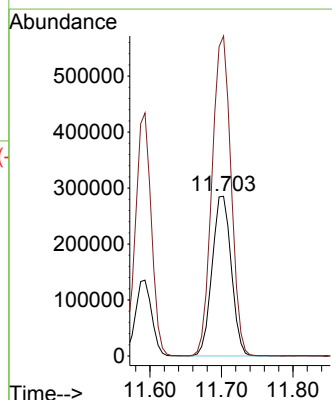
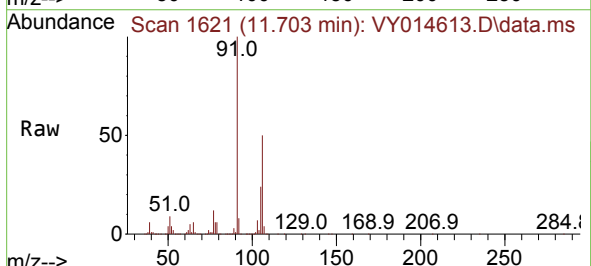
Acq: 10 Jul 2023 13:17

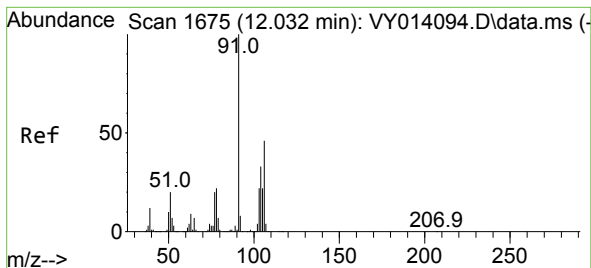
Tgt Ion: 106 Resp: 531039

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





#69

o-Xylene

Concen: 51.956 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

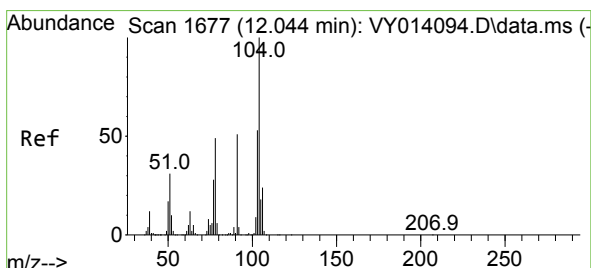
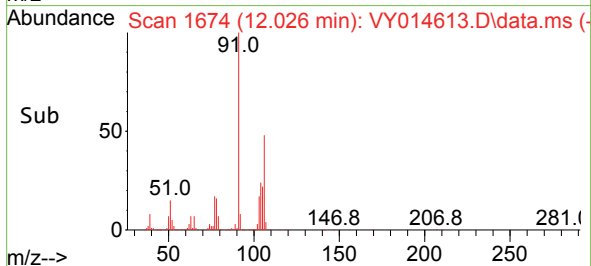
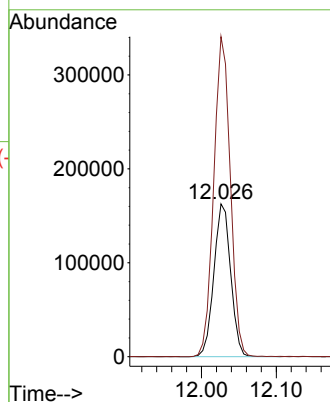
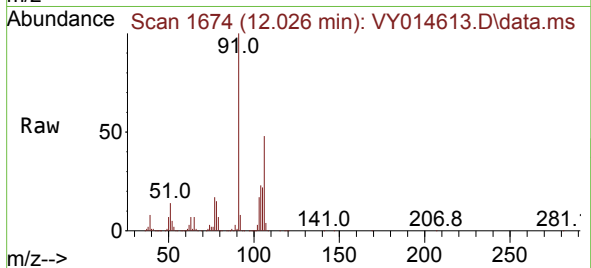
ClientSampleId :

Tgt Ion:106 Resp: 253509

Ion Ratio Lower Upper

106 100

91 207.0 108.1 324.3



#70

Styrene

Concen: 52.122 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

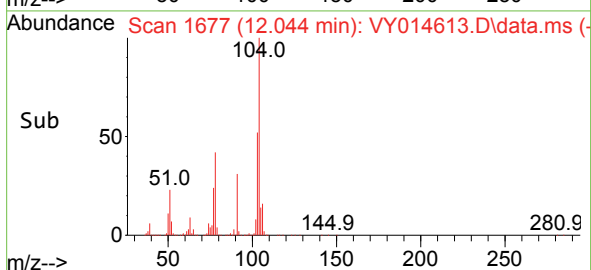
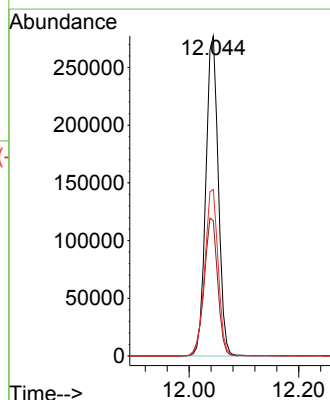
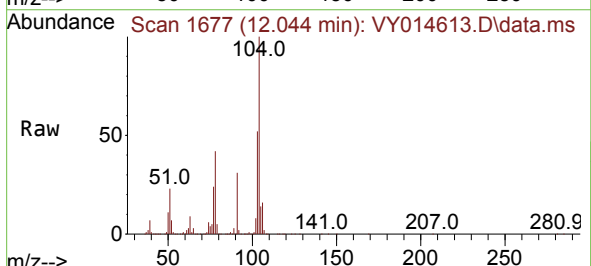
Tgt Ion:104 Resp: 437553

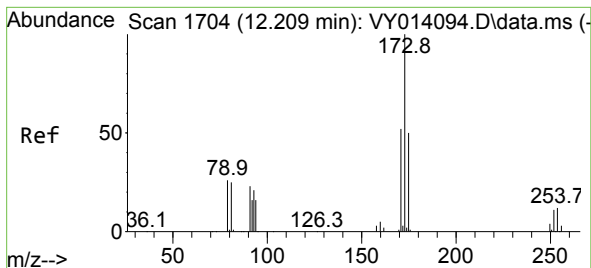
Ion Ratio Lower Upper

104 100

78 46.8 41.5 62.3

103 56.0 44.6 67.0





#71

Bromoform

Concen: 54.015 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

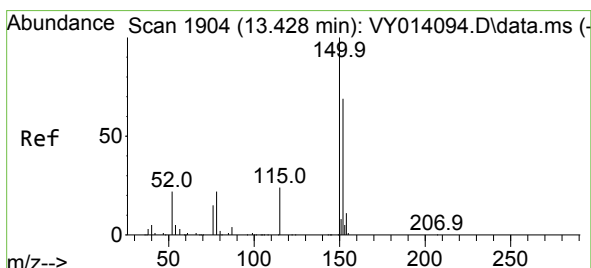
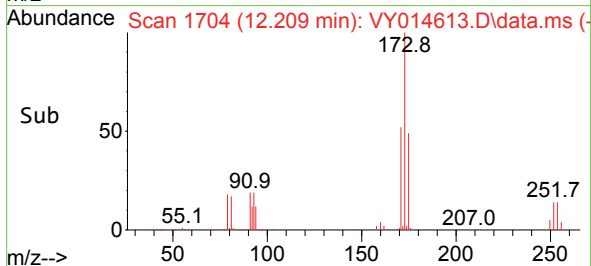
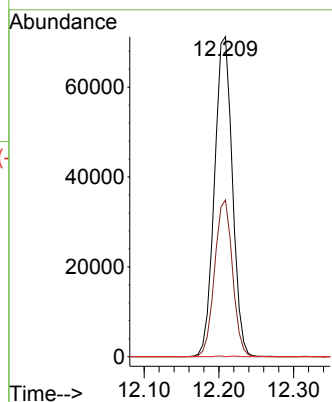
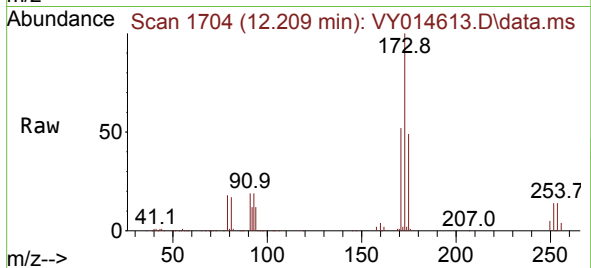
Tgt Ion:173 Resp: 118619

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

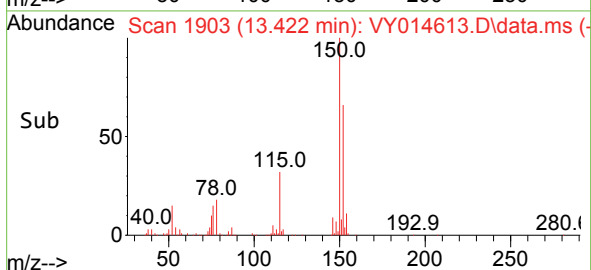
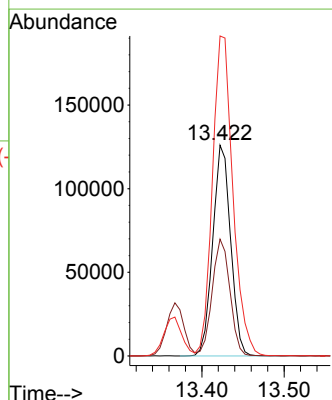
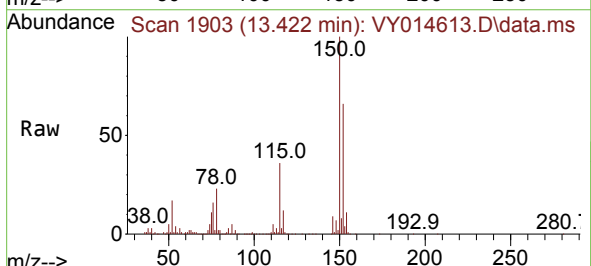
Tgt Ion:152 Resp: 190218

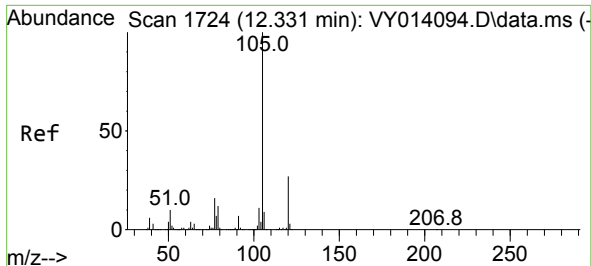
Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 173.5 0.0 348.8

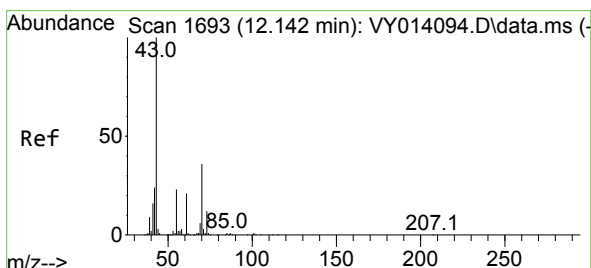
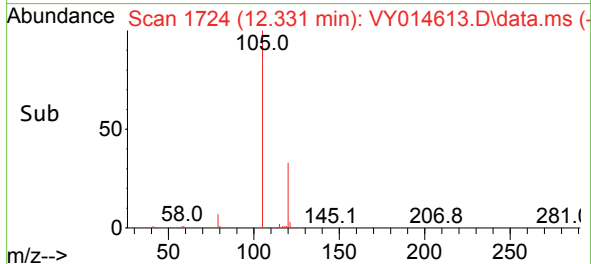
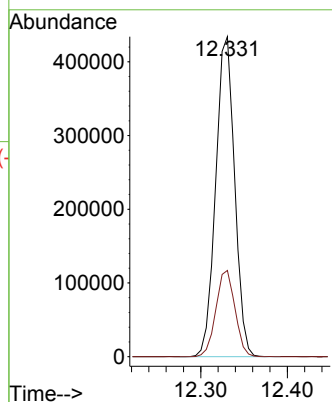
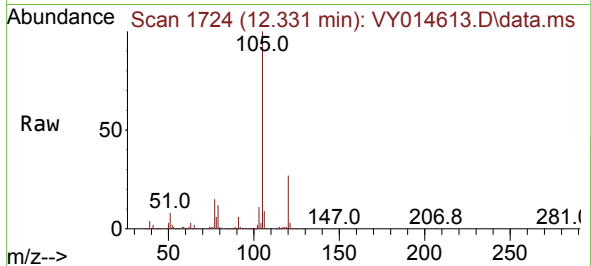




#73
Isopropylbenzene
Concen: 52.866 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

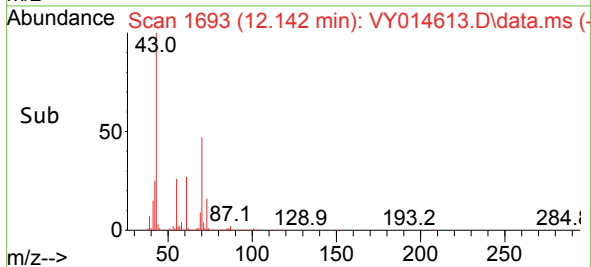
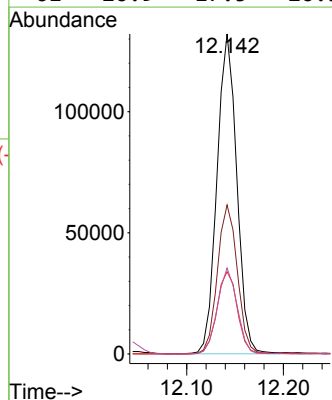
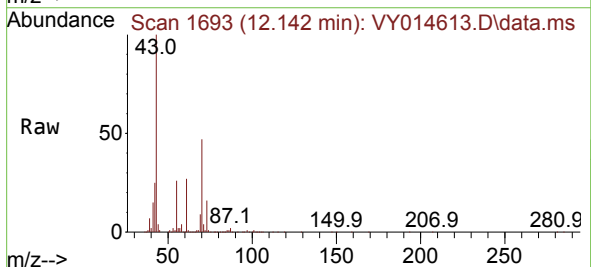
Instrument :
MSVOA_Y
ClientSampleId :

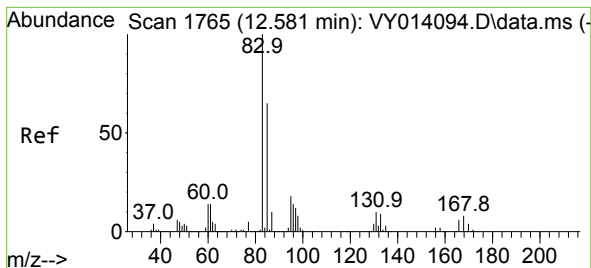
Tgt Ion:105 Resp: 658597
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 49.861 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 43 Resp: 187472
Ion Ratio Lower Upper
43 100
70 46.9 29.7 44.5#
55 26.3 18.3 27.5
61 26.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.002 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

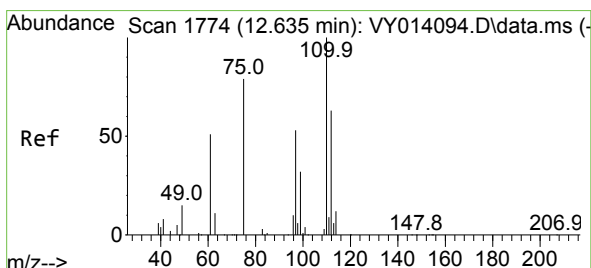
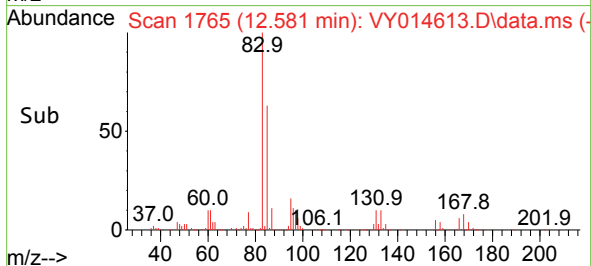
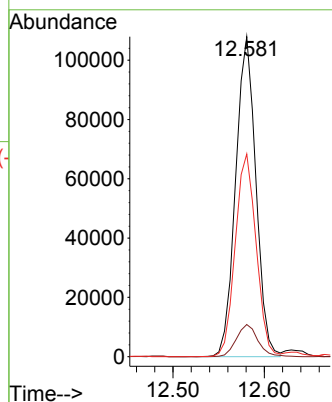
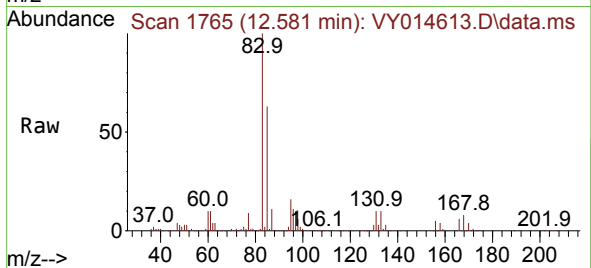
Tgt Ion: 83 Resp: 166247

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.407 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY014613.D

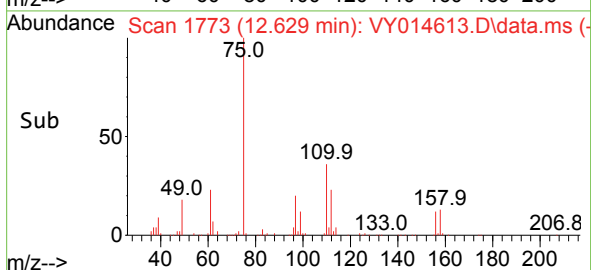
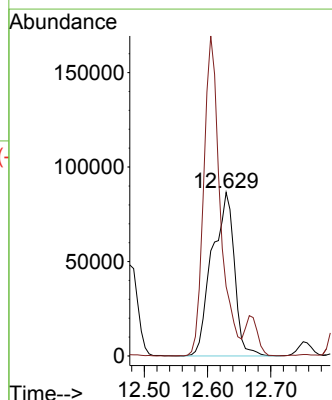
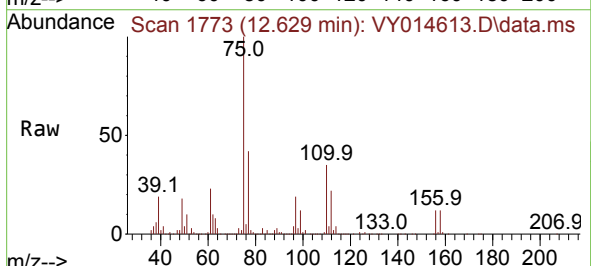
Acq: 10 Jul 2023 13:17

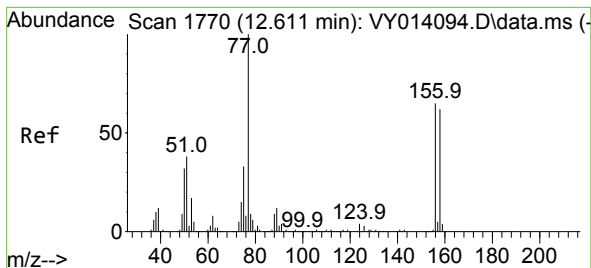
Tgt Ion: 75 Resp: 212961

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.414 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

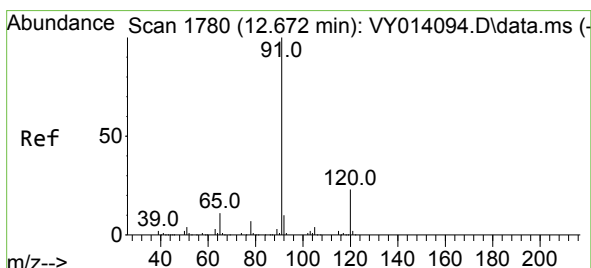
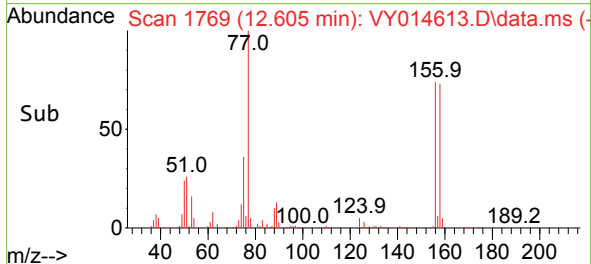
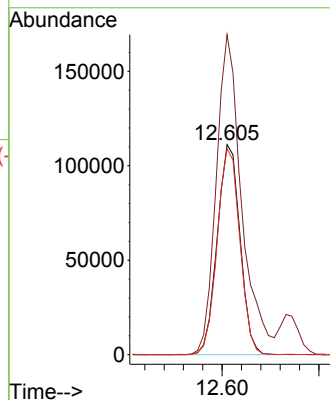
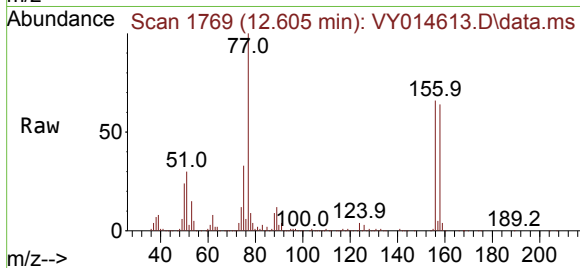
Tgt Ion:156 Resp: 181748

Ion Ratio Lower Upper

156 100

77 170.2 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 52.731 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014613.D

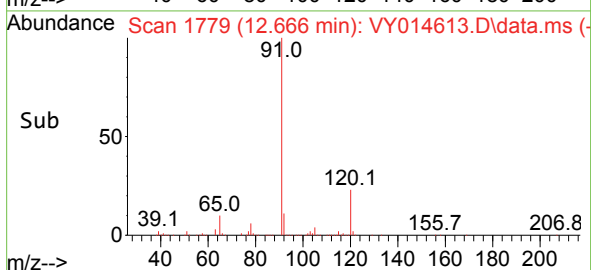
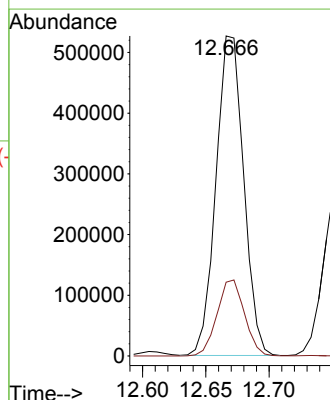
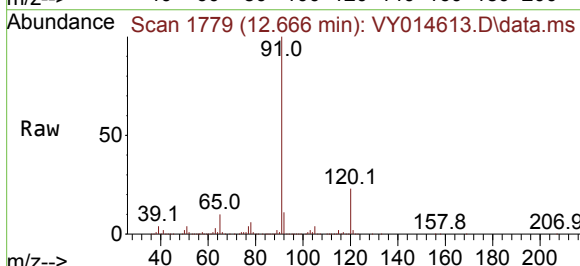
Acq: 10 Jul 2023 13:17

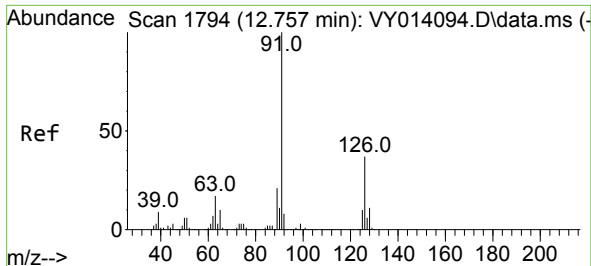
Tgt Ion: 91 Resp: 801337

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

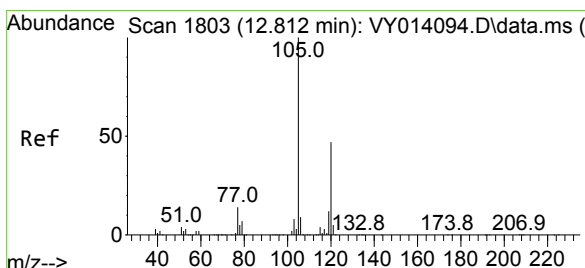
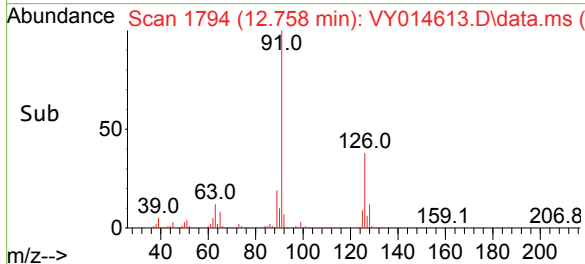
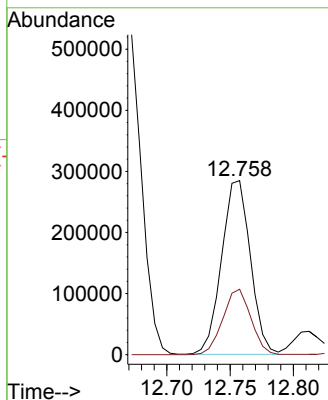
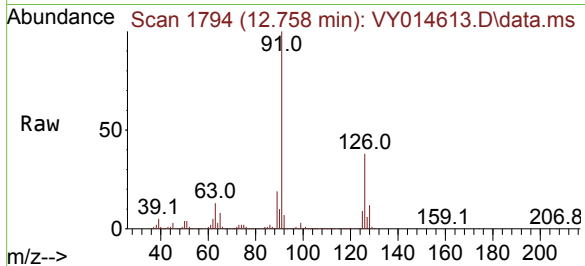




#79
2-Chlorotoluene
Concen: 51.638 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

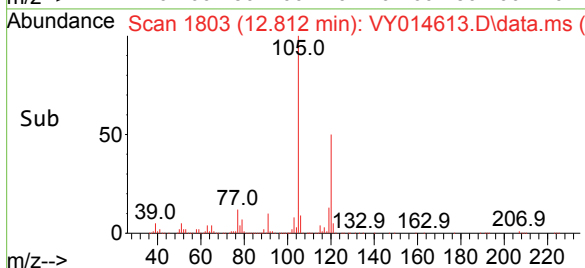
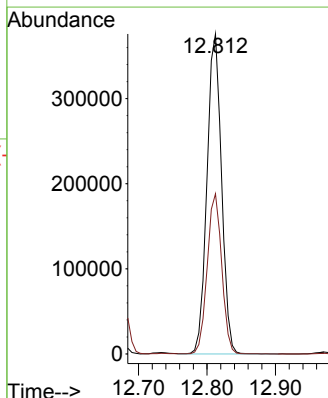
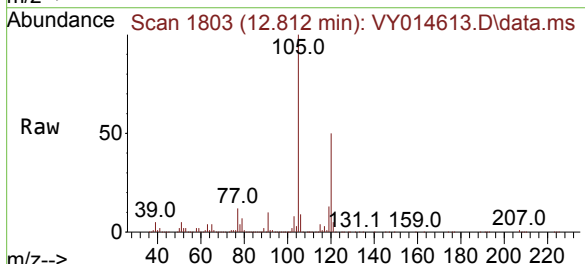
Instrument :
MSVOA_Y
ClientSampleId :

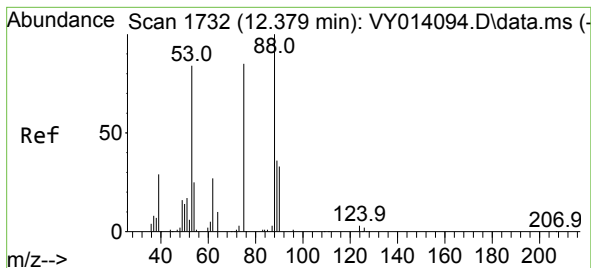
Tgt Ion: 91 Resp: 451606
Ion Ratio Lower Upper
91 100
126 36.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.537 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 105 Resp: 554079
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

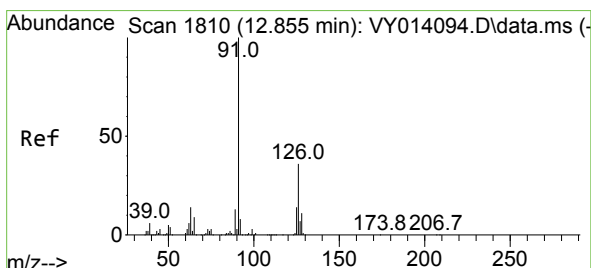
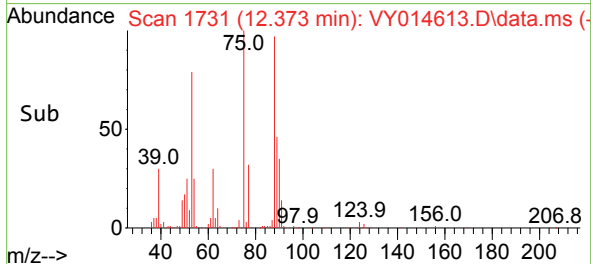
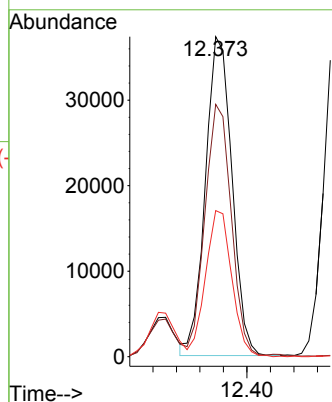
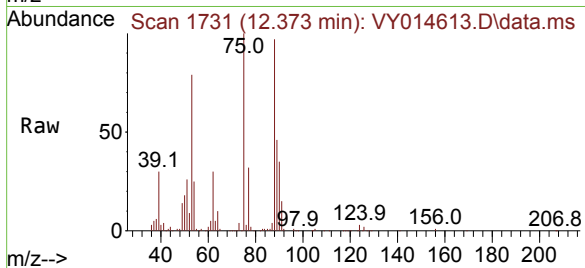




#81
trans-1,4-Dichloro-2-butene
Concen: 51.049 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

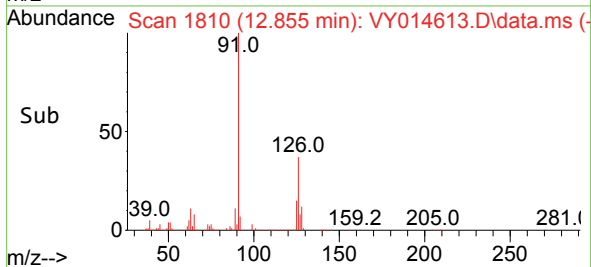
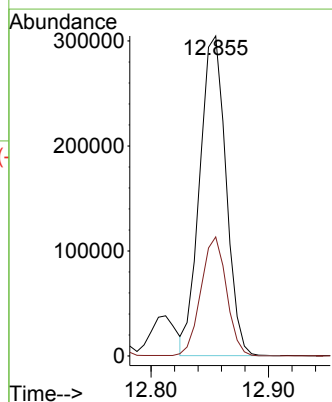
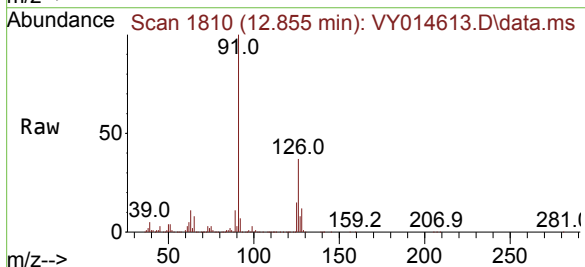
Instrument :
MSVOA_Y
ClientSampleId :

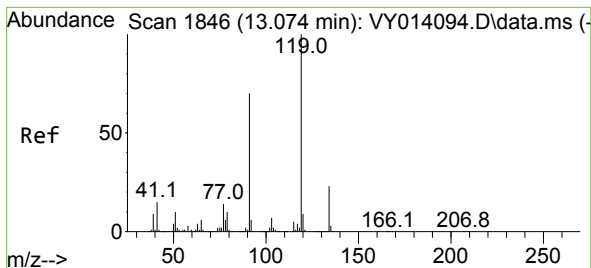
Tgt Ion: 75 Resp: 58543
Ion Ratio Lower Upper
75 100
53 77.5 77.8 116.8#
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.557 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014613.D
Acq: 10 Jul 2023 13:17

Tgt Ion: 91 Resp: 472371
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.905 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

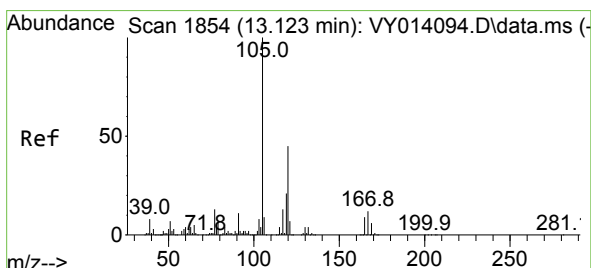
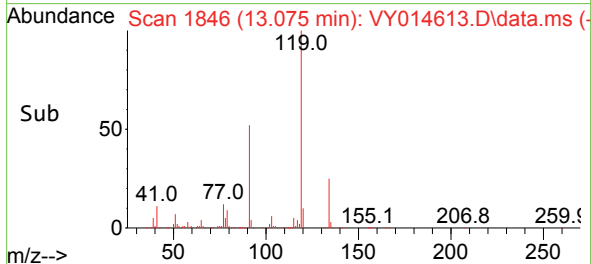
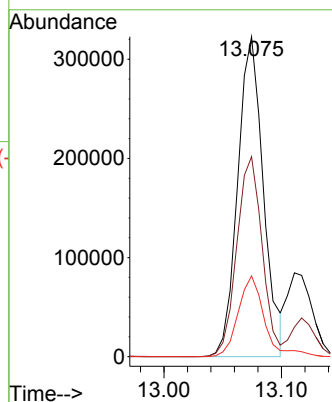
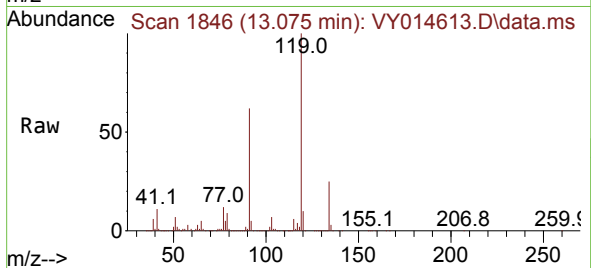
Tgt Ion:119 Resp: 490367

Ion Ratio Lower Upper

119 100

91 61.7 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.991 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014613.D

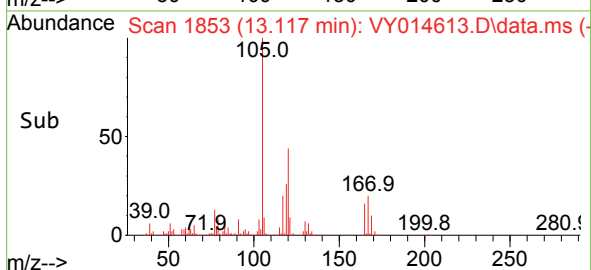
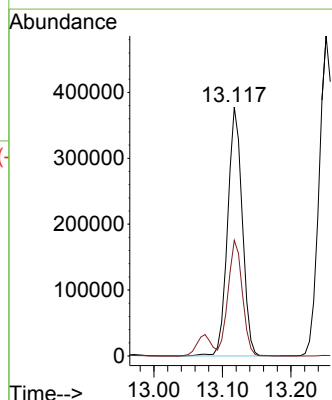
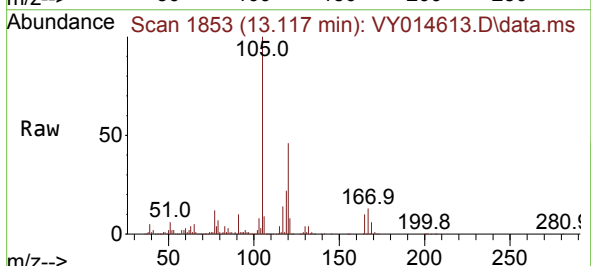
Acq: 10 Jul 2023 13:17

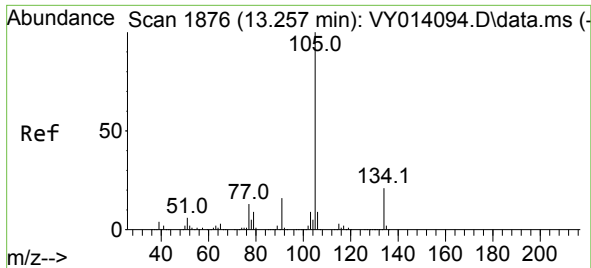
Tgt Ion:105 Resp: 557679

Ion Ratio Lower Upper

105 100

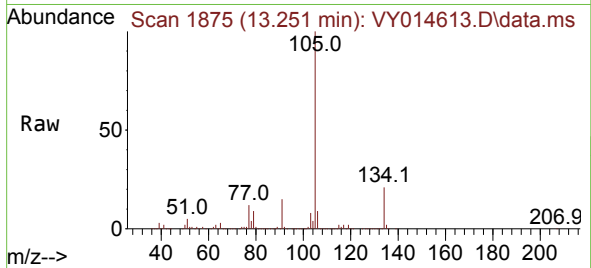
120 45.5 22.2 66.6



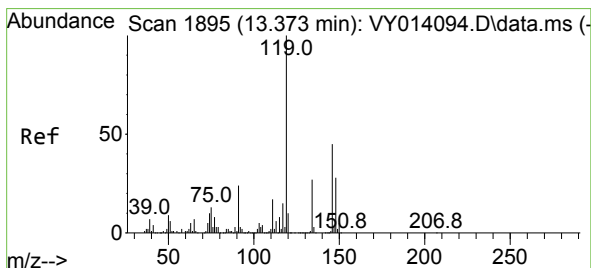
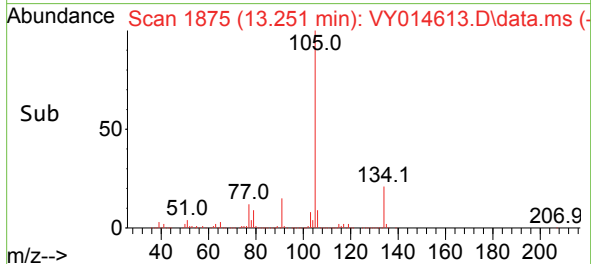
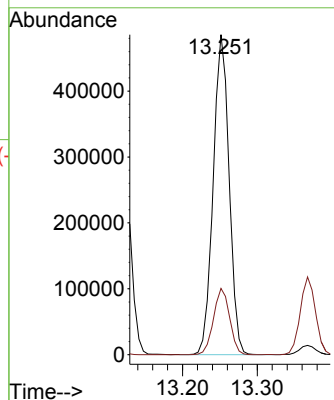


#85
 sec-Butylbenzene
 Concen: 52.474 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :

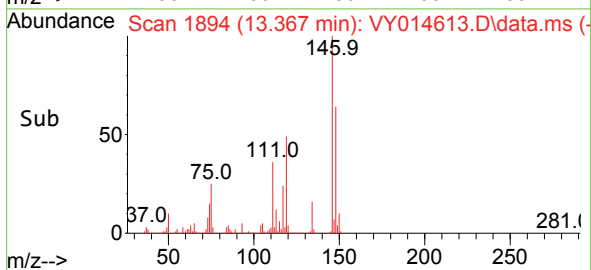
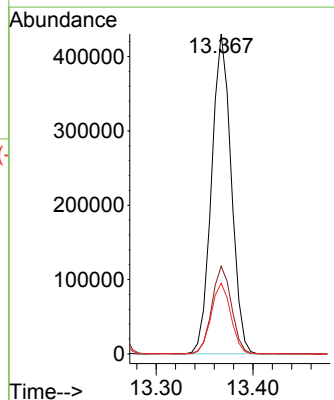
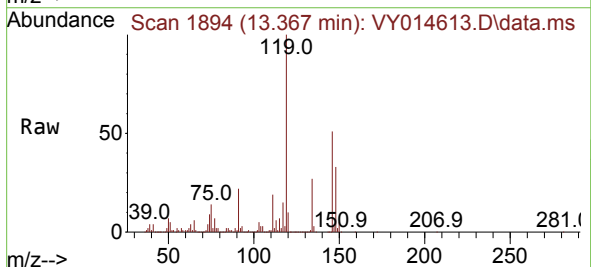


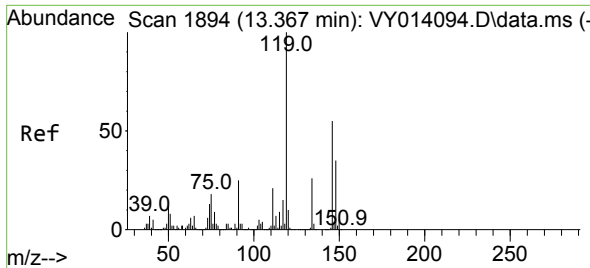
Tgt Ion:105 Resp: 717713
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.799 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

Tgt Ion:119 Resp: 607732
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.1 12.4 37.4

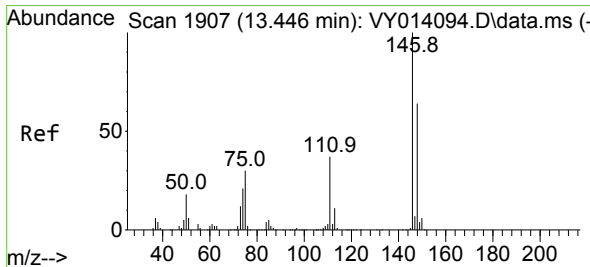
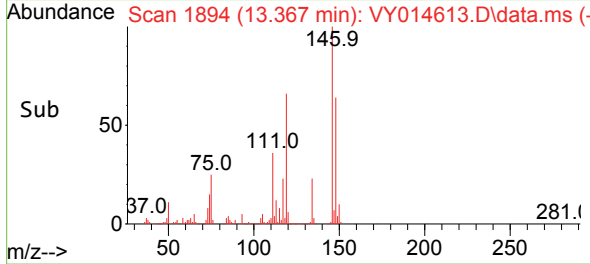
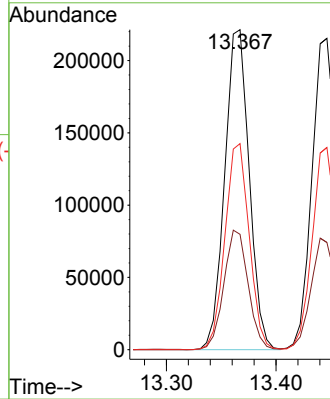
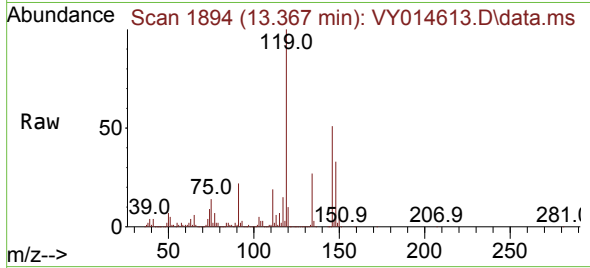




#87
 1,3-Dichlorobenzene
 Concen: 51.658 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

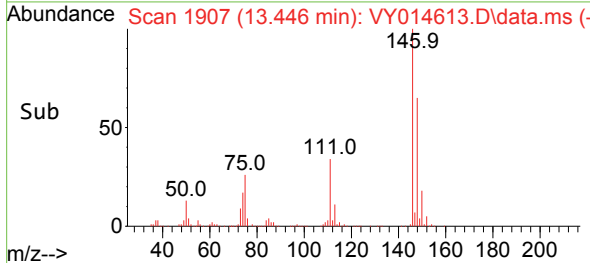
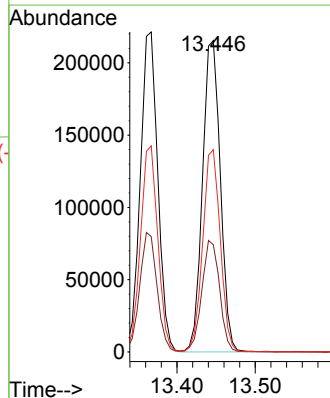
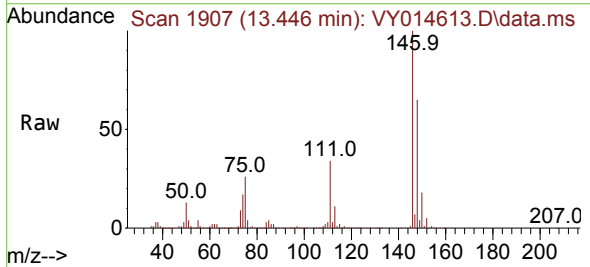
Instrument :
 MSVOA_Y
 ClientSampleId :

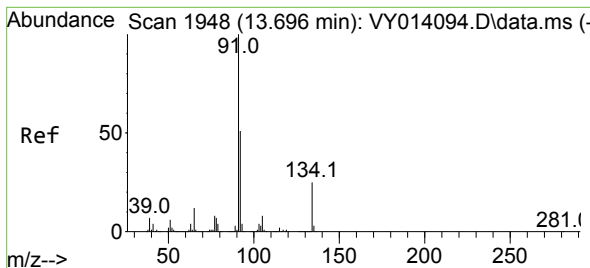
Tgt Ion:146 Resp: 343674
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.4 58.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.971 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY014613.D
 Acq: 10 Jul 2023 13:17

Tgt Ion:146 Resp: 339842
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.9 56.7
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 52.083 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

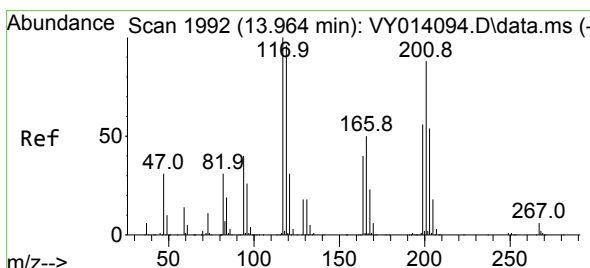
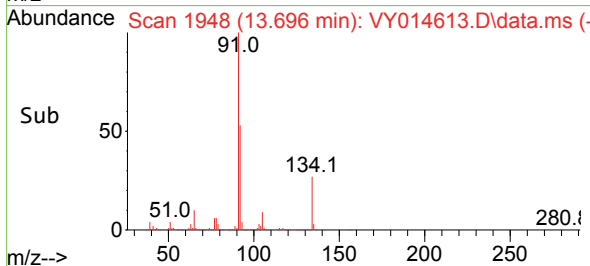
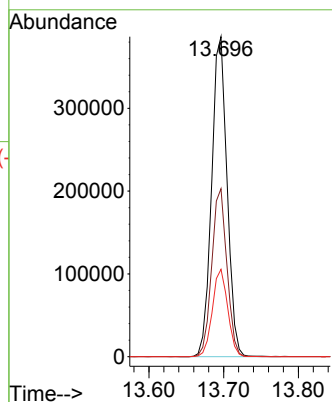
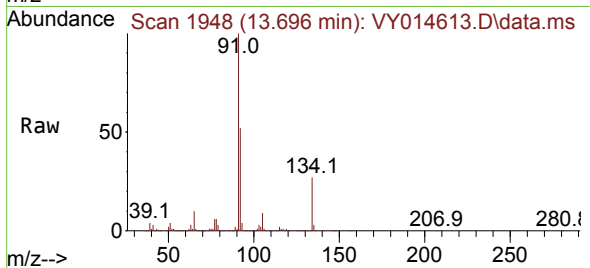
Tgt Ion: 91 Resp: 554017

Ion Ratio Lower Upper

91 100

92 51.7 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 52.060 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014613.D

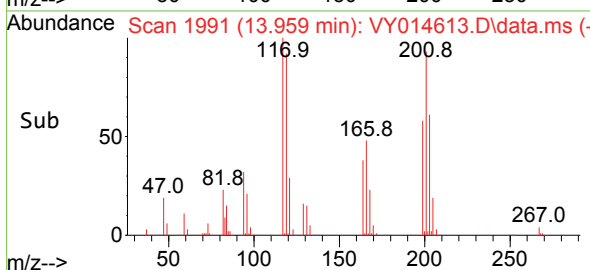
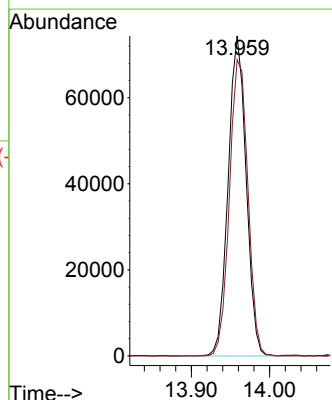
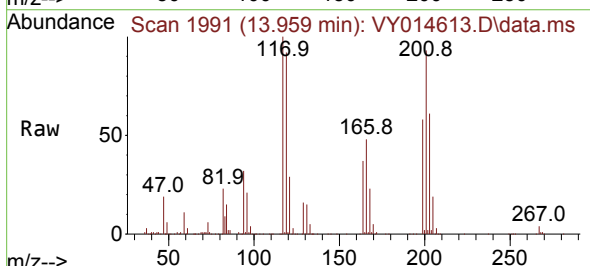
Acq: 10 Jul 2023 13:17

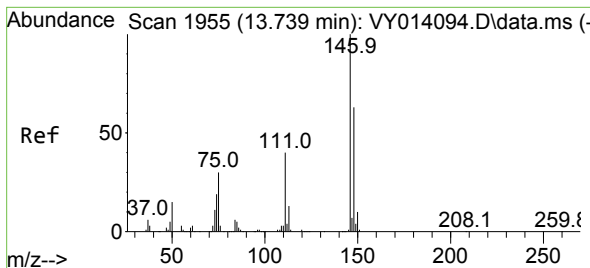
Tgt Ion: 117 Resp: 118697

Ion Ratio Lower Upper

117 100

201 94.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.139 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

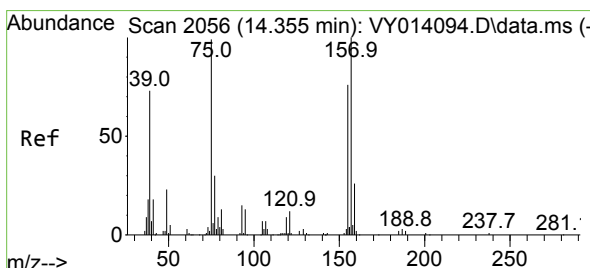
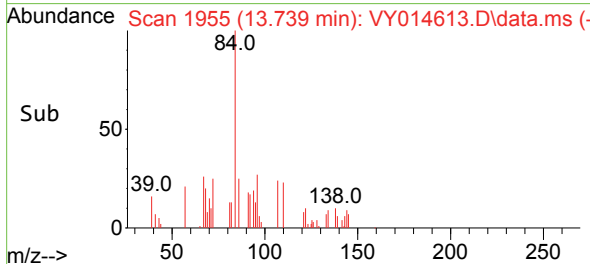
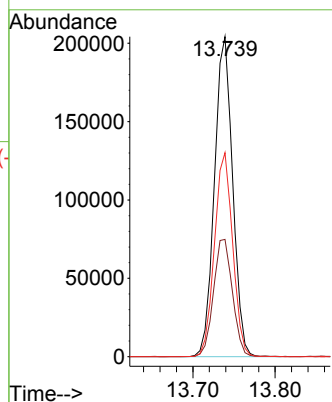
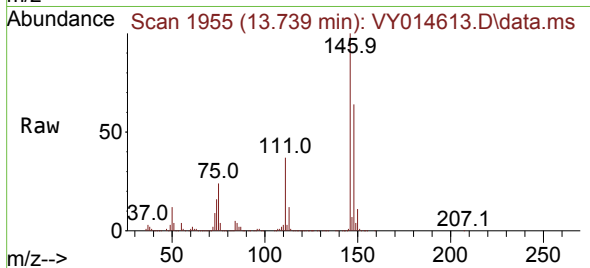
Tgt Ion:146 Resp: 314201

Ion Ratio Lower Upper

146 100

111 38.3 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.783 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

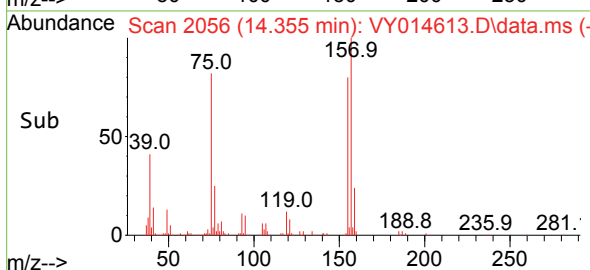
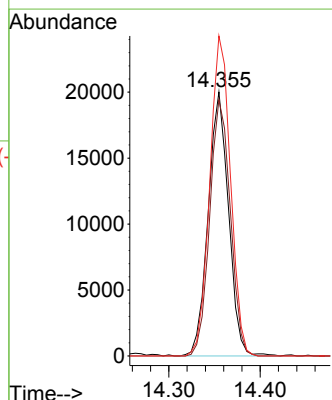
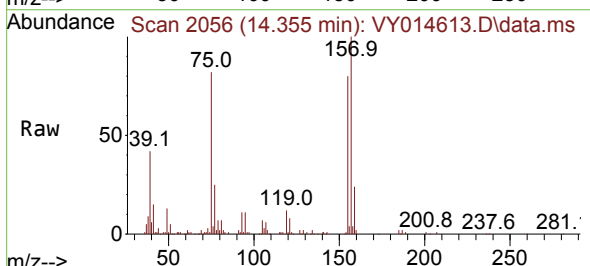
Tgt Ion: 75 Resp: 30894

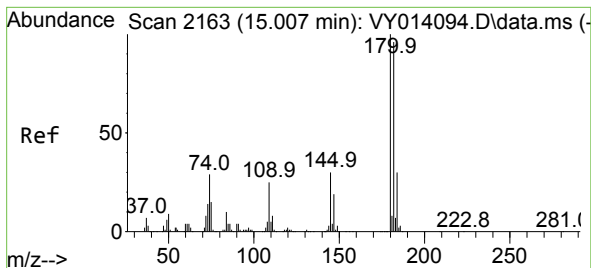
Ion Ratio Lower Upper

75 100

155 98.1 41.5 124.6

157 123.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.421 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

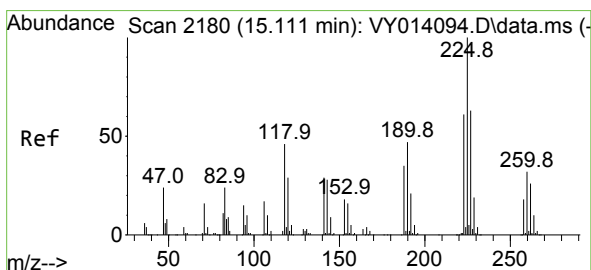
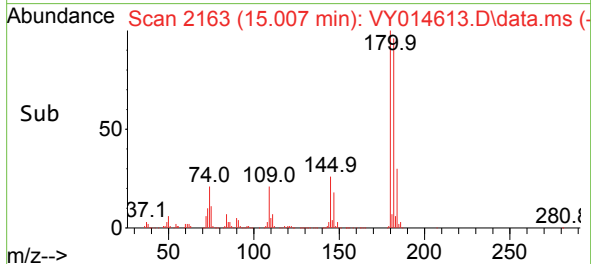
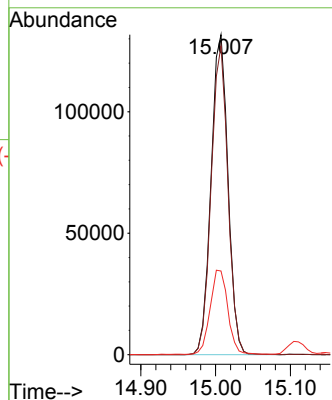
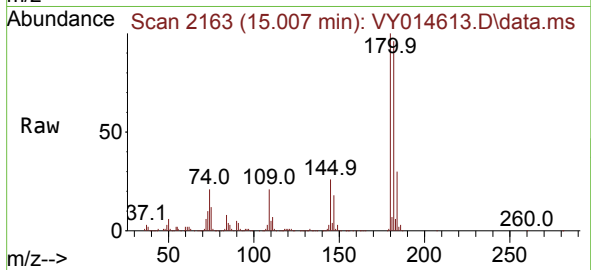
Tgt Ion:180 Resp: 207930

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 27.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.455 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

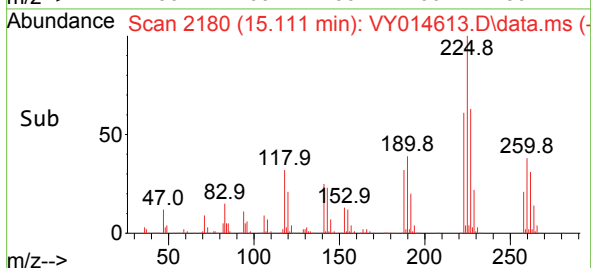
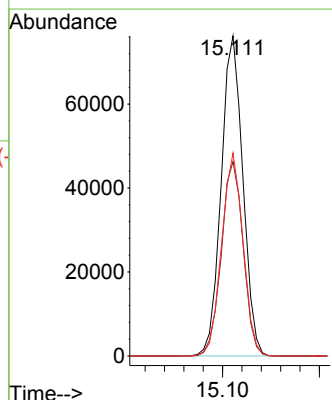
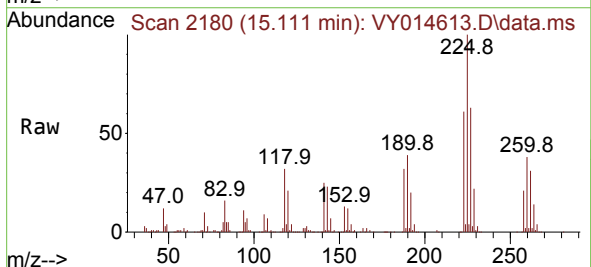
Tgt Ion:225 Resp: 118307

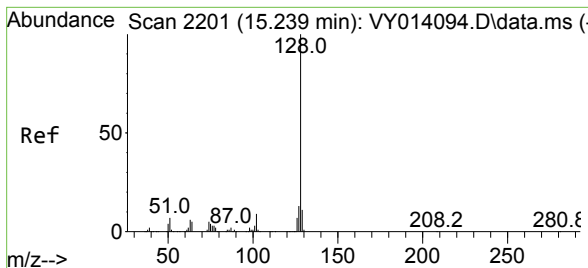
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.9

227 62.5 33.0 98.9





#95

Naphthalene

Concen: 57.764 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Instrument :

MSVOA_Y

ClientSampleId :

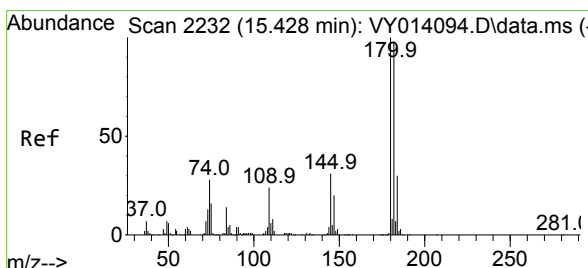
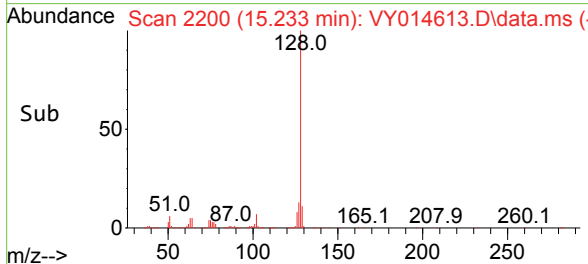
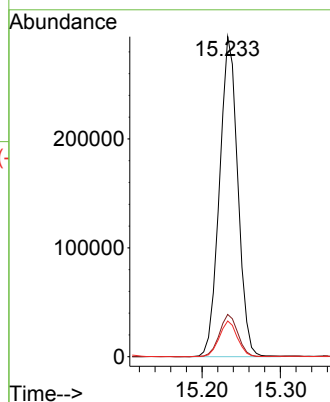
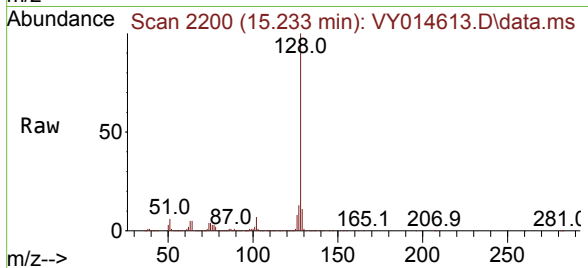
Tgt Ion:128 Resp: 478344

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.839 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014613.D

Acq: 10 Jul 2023 13:17

Tgt Ion:180 Resp: 190940

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 30.2 15.4 46.2

