

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015181.D
 Acq On : 17 Aug 2023 18:49
 Operator : SY/MD
 Sample : 03975-07MSD
 Misc : 7.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 00:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	157307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108419	57.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.840%	
35) Dibromofluoromethane	7.716	113	96651	56.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.160%	
50) Toluene-d8	10.179	98	350504	54.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.483	95	125267	53.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33391	49.519	ug/l	98
3) Chloromethane	2.113	50	50717	54.315	ug/l	97
4) Vinyl Chloride	2.247	62	62353	49.813	ug/l	96
5) Bromomethane	2.637	94	52220	61.513	ug/l	99
6) Chloroethane	2.784	64	48490	53.356	ug/l	93
7) Trichlorofluoromethane	3.119	101	106521	50.503	ug/l	99
8) Diethyl Ether	3.528	74	45893	55.480	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	64778	49.416	ug/l	97
10) Methyl Iodide	4.082	142	63928	49.665	ug/l	98
11) Tert butyl alcohol	4.954	59	73432	235.243	ug/l #	79
12) 1,1-Dichloroethene	3.863	96	55764	50.944	ug/l	95
13) Acrolein	3.723	56	21073	155.669	ug/l	97
14) Allyl chloride	4.473	41	100391	51.729	ug/l	97
15) Acrylonitrile	5.155	53	159129	283.865	ug/l	99
16) Acetone	3.942	43	150755	244.381	ug/l	96
17) Carbon Disulfide	4.186	76	94951	49.290	ug/l	100
18) Methyl Acetate	4.473	43	143089	63.296	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	278380	59.812	ug/l	99
20) Methylene Chloride	4.710	84	92083	63.417	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	65326	52.909	ug/l	93
22) Diisopropyl ether	6.119	45	265325	54.790	ug/l	91
23) Vinyl Acetate	6.058	43	605089	209.409	ug/l	97
24) 1,1-Dichloroethane	6.009	63	142502	54.354	ug/l	97
25) 2-Butanone	6.984	43	235699	269.850	ug/l	98
26) 2,2-Dichloropropane	6.978	77	116440	46.072	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	90992	53.950	ug/l	94
28) Bromochloromethane	7.332	49	66116	54.891	ug/l	95
29) Tetrahydrofuran	7.344	42	143793	275.323	ug/l	93
30) Chloroform	7.502	83	159975	54.432	ug/l	95
31) Cyclohexane	7.783	56	85803	50.918	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	130818	52.308	ug/l	99
36) 1,1-Dichloropropene	7.917	75	94206	49.411	ug/l	100
37) Ethyl Acetate	7.076	43	90487	50.916	ug/l	98
38) Carbon Tetrachloride	7.899	117	111230	49.294	ug/l	99
39) Methylcyclohexane	9.179	83	98503	46.086	ug/l	94
40) Benzene	8.161	78	301603	52.322	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	131682	143.694	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	110746	52.901	ug/l	95
43) Isopropyl Acetate	8.271	43	164315	50.772	ug/l	97
44) Trichloroethene	8.941	130	86795	52.265	ug/l	95
45) 1,2-Dichloropropane	9.216	63	85707	52.728	ug/l	99
46) Dibromomethane	9.307	93	55363	54.003	ug/l	95
47) Bromodichloromethane	9.496	83	130567	53.372	ug/l	100
48) Methyl methacrylate	9.289	41	77071	55.670	ug/l	95
49) 1,4-Dioxane	9.295	88	22127	1079.361	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	512582	273.282	ug/l	95
52) Toluene	10.240	92	195673	51.502	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	129696	50.447	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	138052	50.986	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	84153	53.986	ug/l	95
56) Ethyl methacrylate	10.508	69	122087	53.517	ug/l	90
57) 1,3-Dichloropropane	10.788	76	136843	53.733	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	278755	262.565	ug/l	95
59) 2-Hexanone	10.831	43	380374	274.008	ug/l	93
60) Dibromochloromethane	10.984	129	101488	54.580	ug/l	100
61) 1,2-Dibromoethane	11.087	107	77756	52.509	ug/l	99
64) Tetrachloroethene	10.721	164	112823	65.953	ug/l	98
65) Chlorobenzene	11.514	112	226961	50.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	96007	52.889	ug/l	98
67) Ethyl Benzene	11.593	91	392434	50.065	ug/l	97
68) m/p-Xylenes	11.703	106	300073	100.795	ug/l	94
69) o-Xylene	12.026	106	150566	50.769	ug/l	97
70) Styrene	12.044	104	265687	51.761	ug/l	97
71) Bromoform	12.203	173	68371	51.958	ug/l #	100
73) Isopropylbenzene	12.331	105	400768	49.445	ug/l	100
74) N-amyl acetate	12.142	43	140260	47.929	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	108141	51.228	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	142158	92.830	ug/l #	100
77) Bromobenzene	12.605	156	100907	51.075	ug/l	97
78) n-propylbenzene	12.672	91	479173	49.785	ug/l	100
79) 2-Chlorotoluene	12.758	91	280420	50.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	336332	49.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	33841	48.539	ug/l	98
82) 4-Chlorotoluene	12.855	91	289734	50.509	ug/l	100
83) tert-Butylbenzene	13.075	119	304015	49.195	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	338023	50.068	ug/l	98
85) sec-Butylbenzene	13.251	105	446933	49.359	ug/l	100
86) p-Isopropyltoluene	13.367	119	369846	49.266	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	197851	50.490	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	199191	50.680	ug/l	99
89) n-Butylbenzene	13.696	91	343888	48.584	ug/l	97
90) Hexachloroethane	13.959	117	74269	49.869	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	190799	52.120	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21501	52.579	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	112099	47.698	ug/l	99
94) Hexachlorobutadiene	15.111	225	57985	45.358	ug/l	97
95) Naphthalene	15.233	128	302273	51.631	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	102301	48.199	ug/l	98

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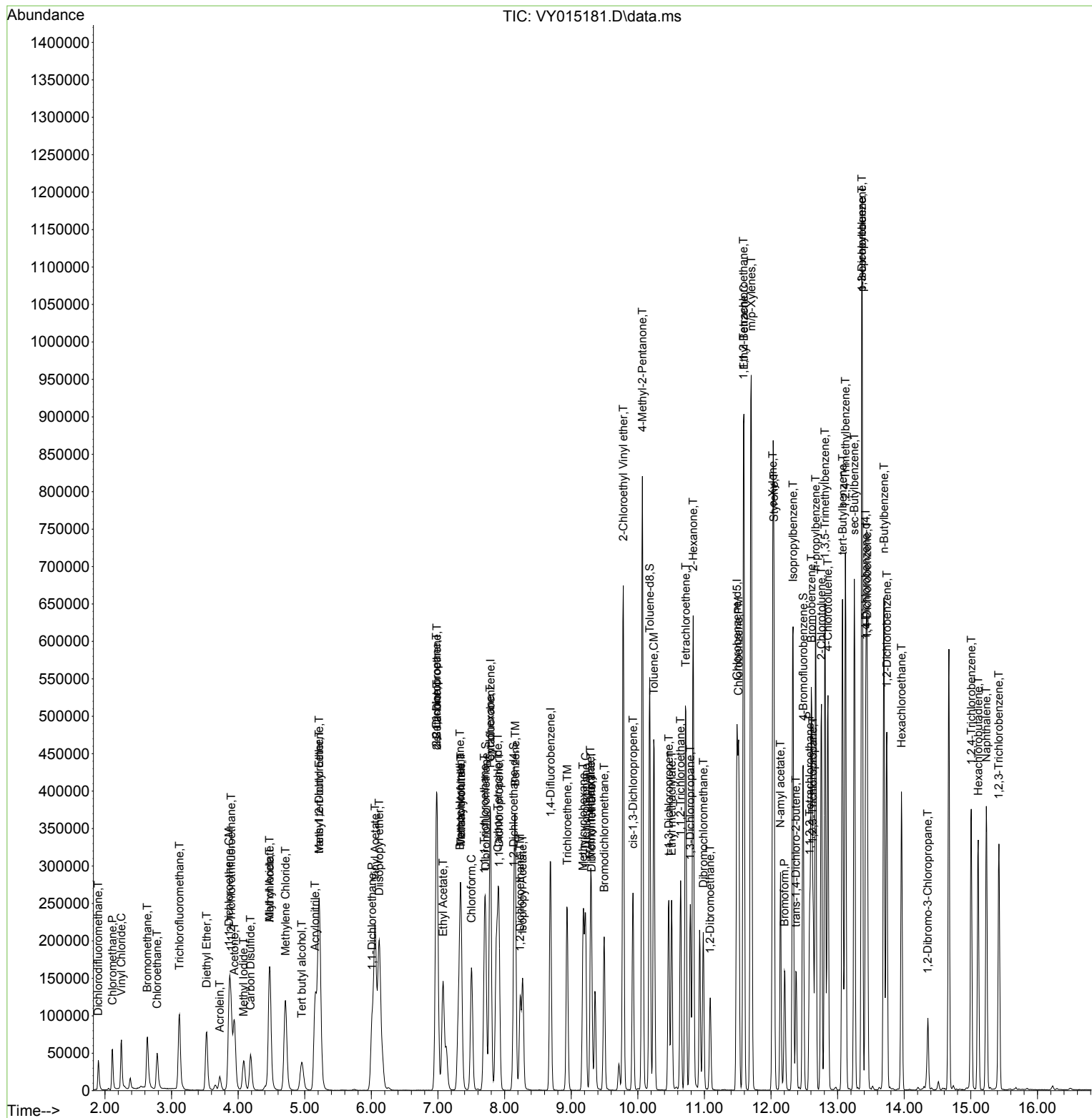
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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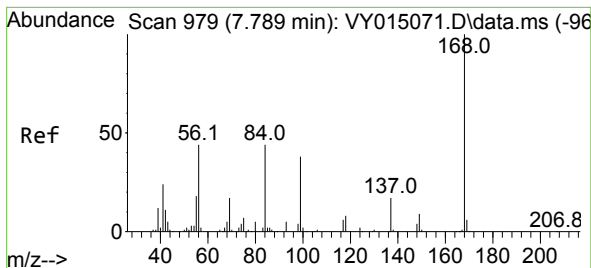
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015181.D

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Instrument :

MSVOA_Y

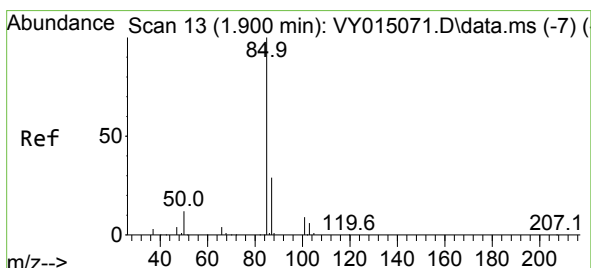
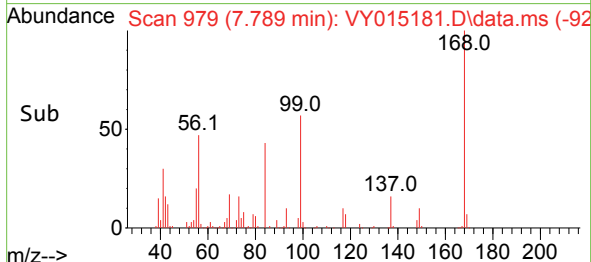
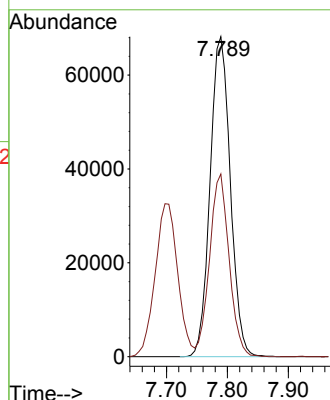
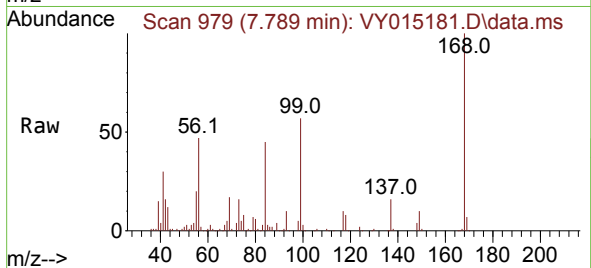
ClientSampleId :

Tgt Ion:168 Resp: 157307

Ion Ratio Lower Upper

168 100

99 57.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 49.519 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015181.D

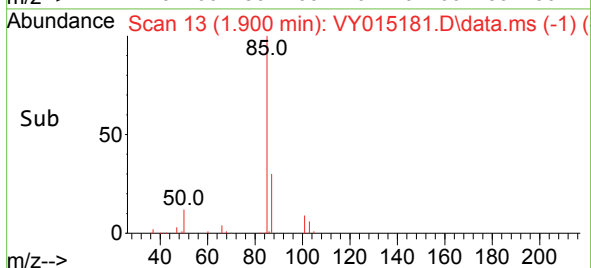
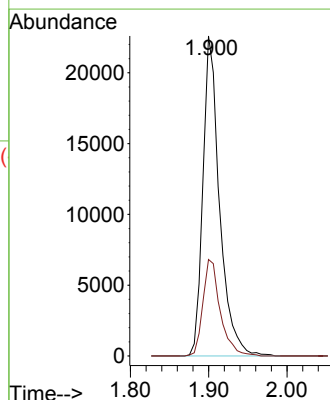
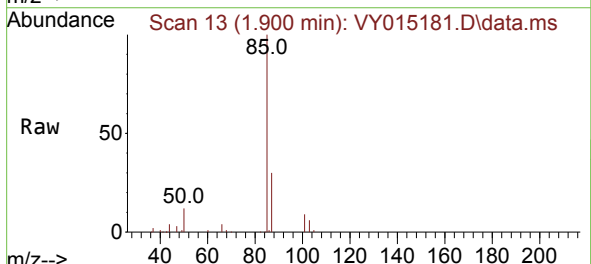
Acq: 17 Aug 2023 18:49

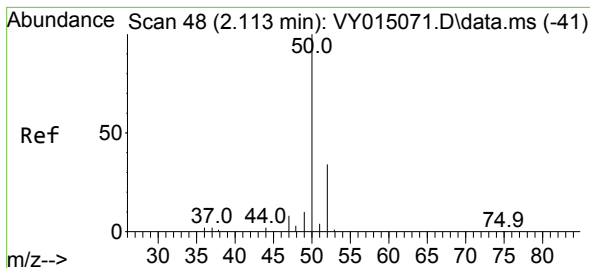
Tgt Ion: 85 Resp: 33391

Ion Ratio Lower Upper

85 100

87 30.1 15.6 46.8





#3

Chloromethane

Concen: 54.315 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

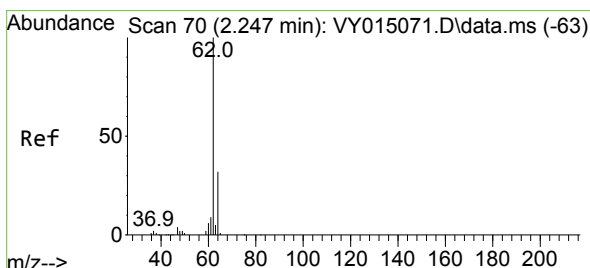
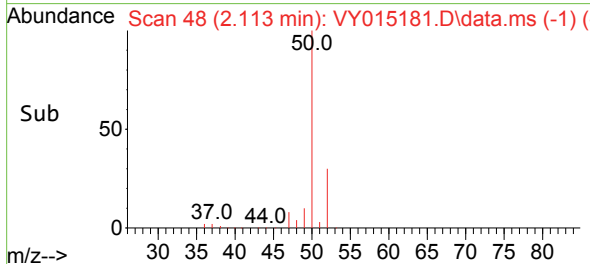
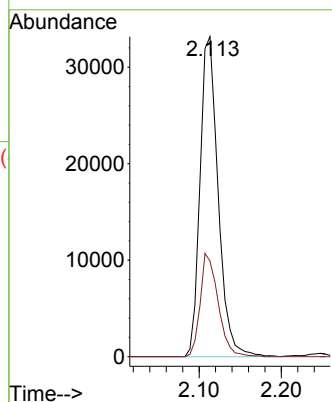
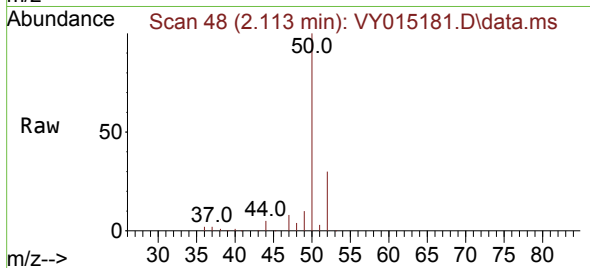
ClientSampleId :

Tgt Ion: 50 Resp: 50717

Ion Ratio Lower Upper

50 100

52 29.9 25.4 38.2



#4

Vinyl Chloride

Concen: 49.813 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015181.D

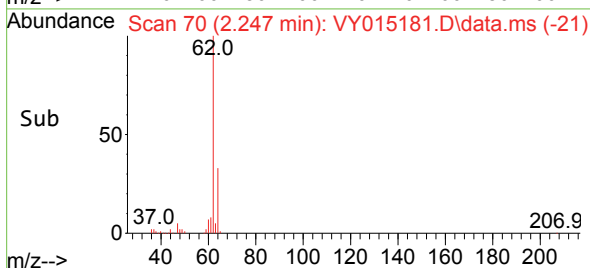
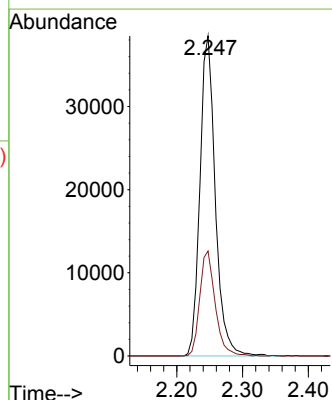
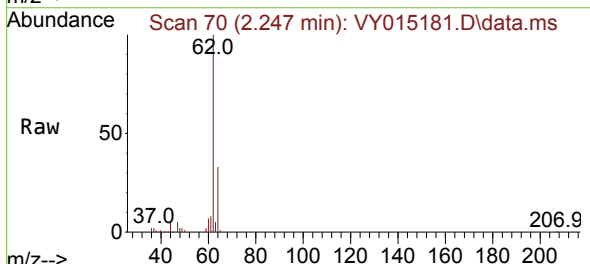
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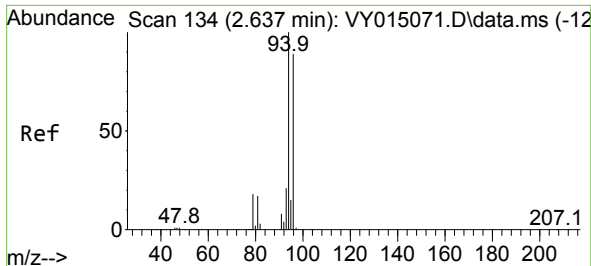
Tgt Ion: 62 Resp: 62353

Ion Ratio Lower Upper

62 100

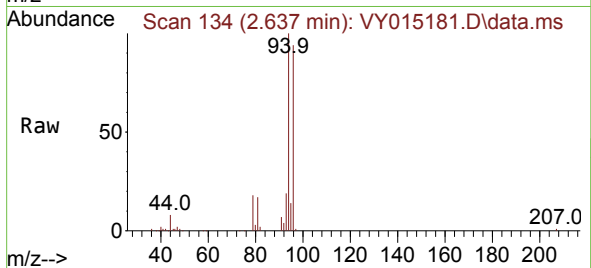
64 32.8 24.3 36.5



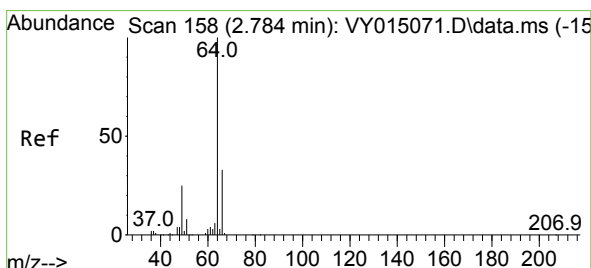
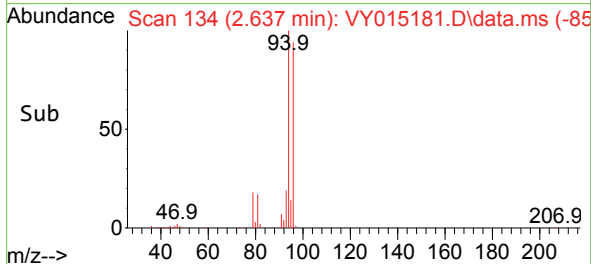
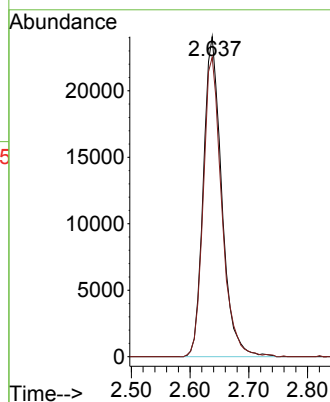


#5
Bromomethane
Concen: 61.513 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
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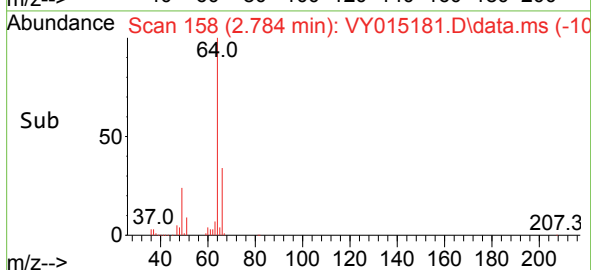
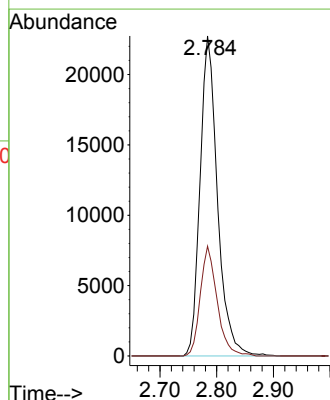
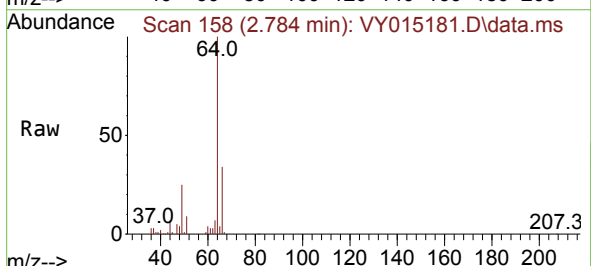


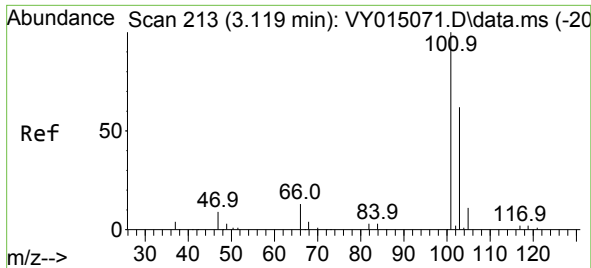
Tgt Ion: 94 Resp: 52220
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.6



#6
Chloroethane
Concen: 53.356 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015181.D
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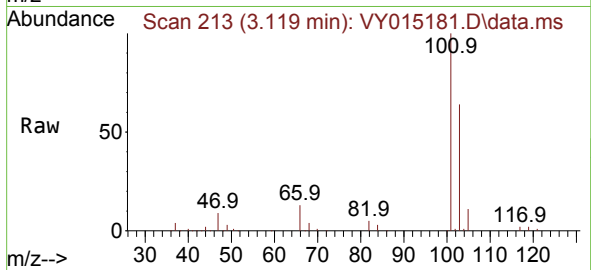
Tgt Ion: 64 Resp: 48490
Ion Ratio Lower Upper
64 100
66 34.3 24.4 36.6



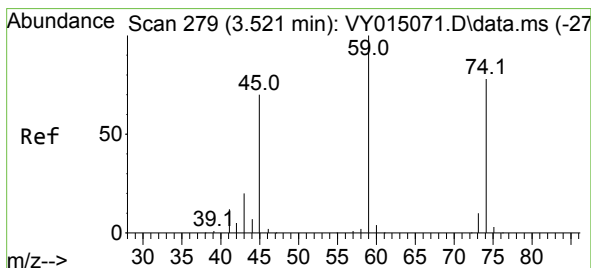
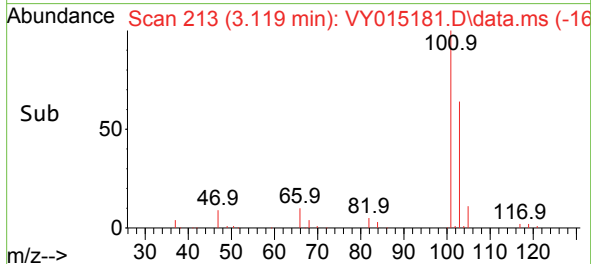
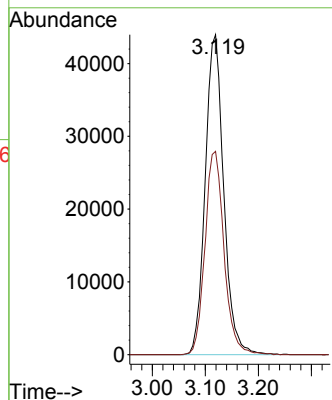


#7
 Trichlorofluoromethane
 Concen: 50.503 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

Instrument :
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 ClientSampleId :

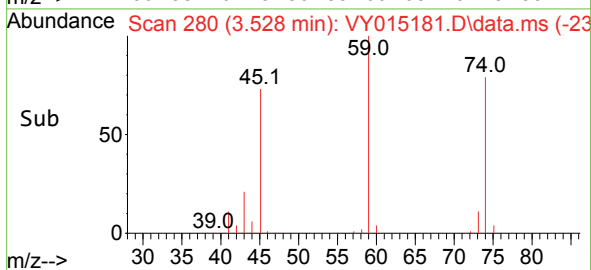
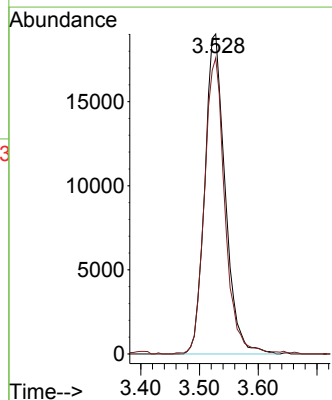
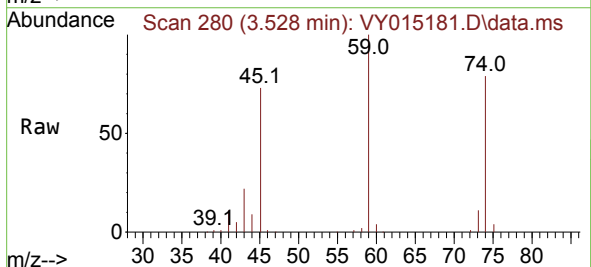


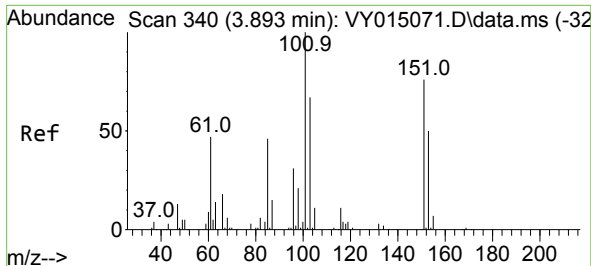
Tgt Ion:101 Resp: 106521
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 55.480 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 45893
 Ion Ratio Lower Upper
 74 100
 45 92.5 51.5 154.5

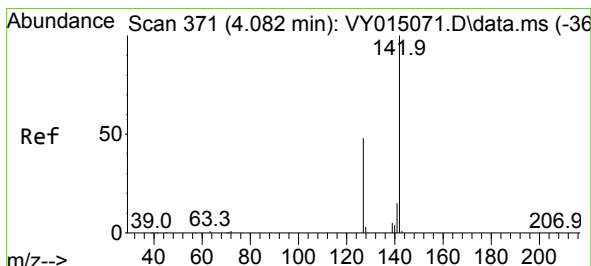
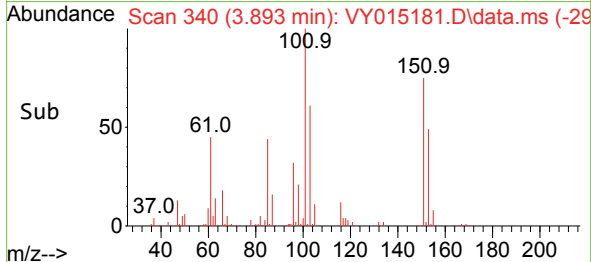
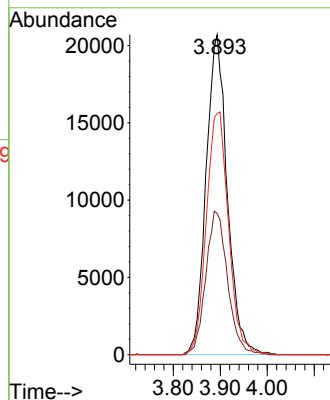
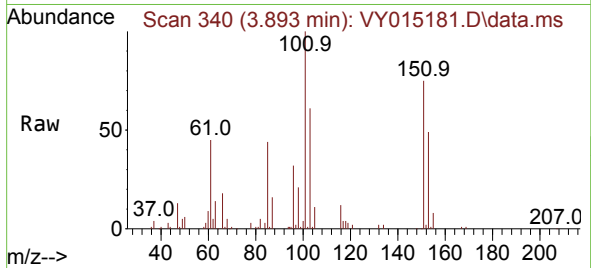




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.416 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

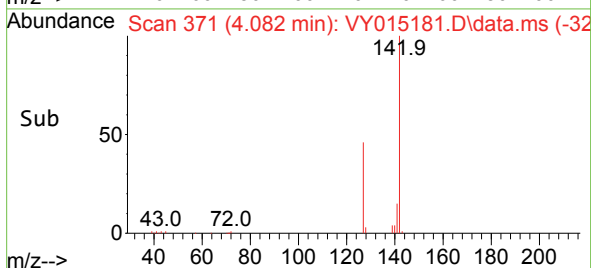
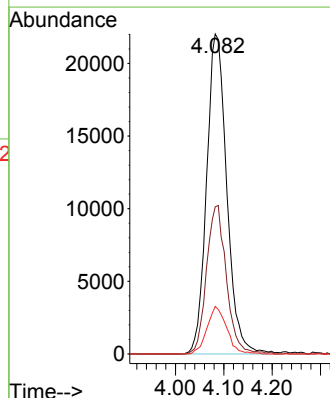
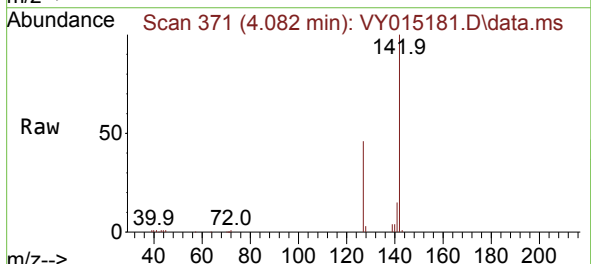
Instrument :
MSVOA_Y
ClientSampleId :

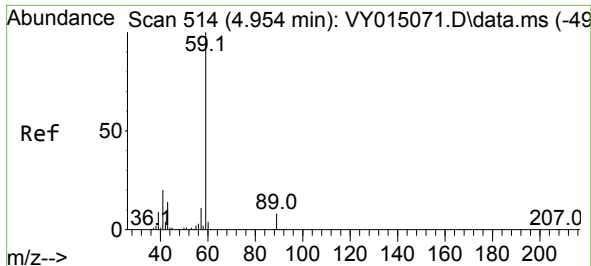
Tgt Ion:101 Resp: 64778
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 79.4 67.0 100.6



#10
Methyl Iodide
Concen: 49.665 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion:142 Resp: 63928
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.5 11.8 17.8

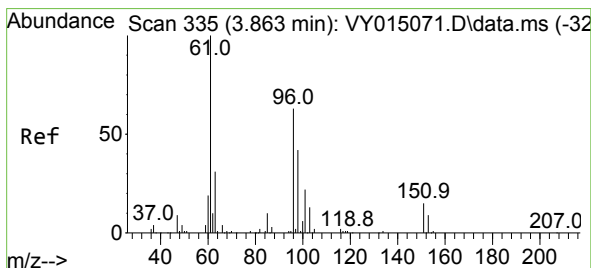
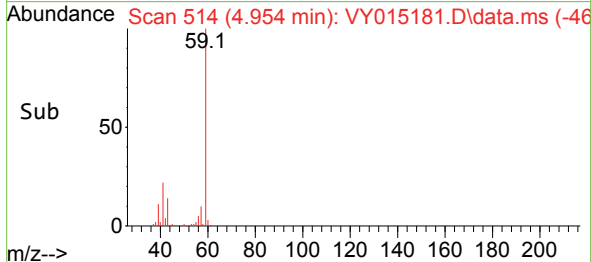
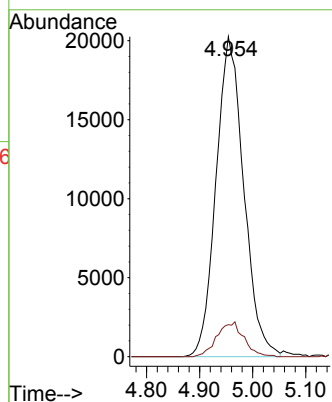
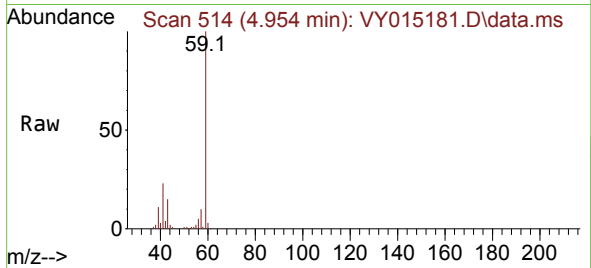




#11
Tert butyl alcohol
Concen: 235.243 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

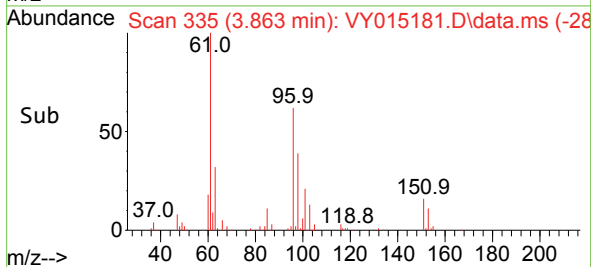
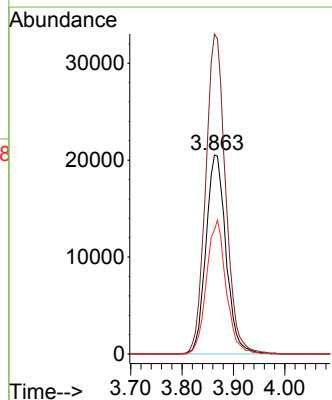
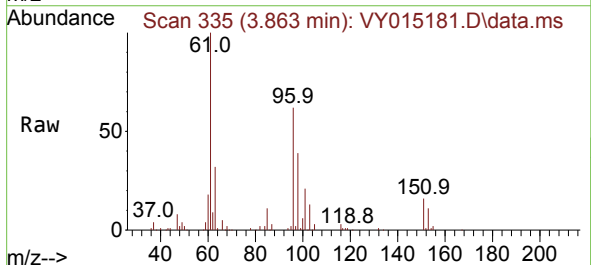
Instrument :
MSVOA_Y
ClientSampleId :

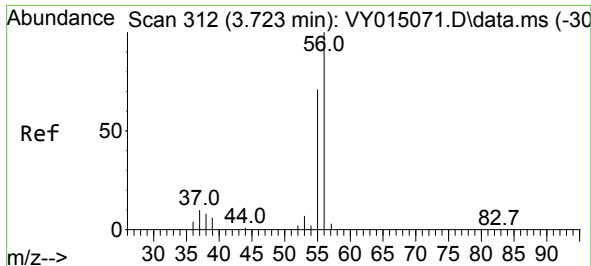
Tgt Ion: 59 Resp: 73432
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.944 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 96 Resp: 55764
Ion Ratio Lower Upper
96 100
61 161.0 136.4 204.6
98 62.3 49.4 74.2





#13

Acrolein

Concen: 155.669 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

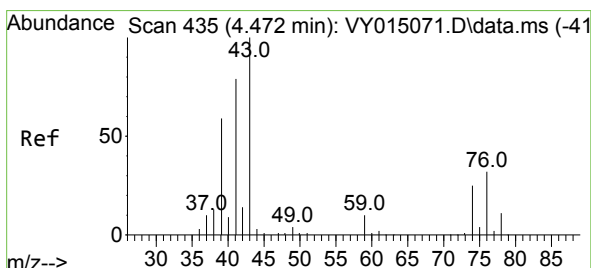
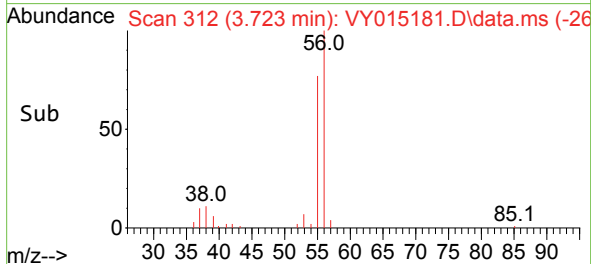
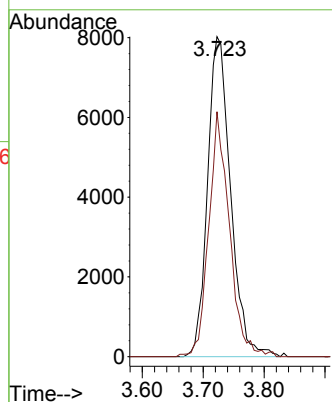
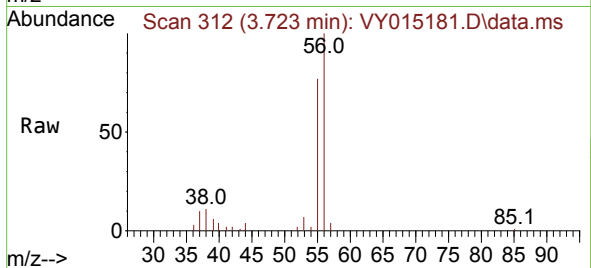
ClientSampleId :

Tgt Ion: 56 Resp: 21073

Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.4



#14

Allyl chloride

Concen: 51.729 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

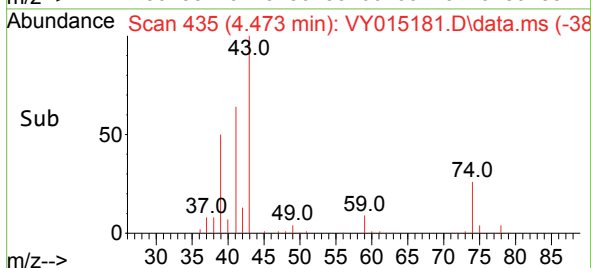
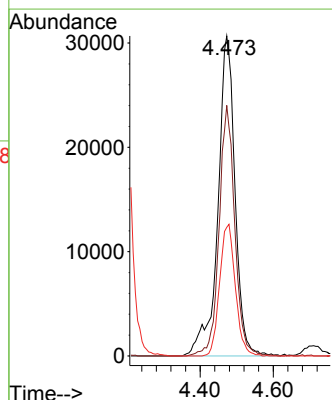
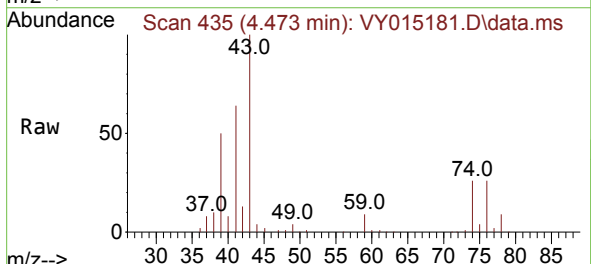
Tgt Ion: 41 Resp: 100391

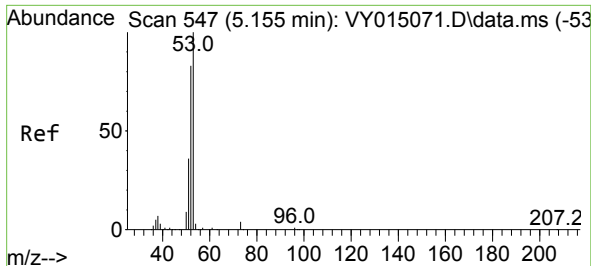
Ion Ratio Lower Upper

41 100

39 71.5 58.0 87.0

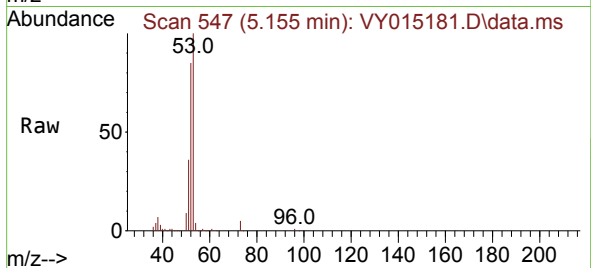
76 37.7 27.4 41.2



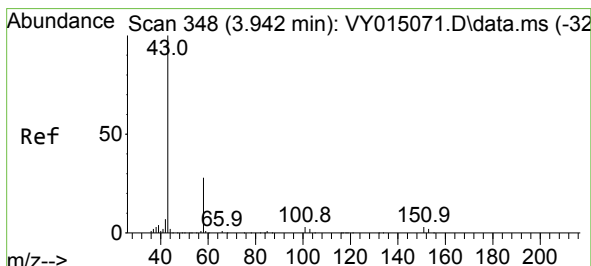
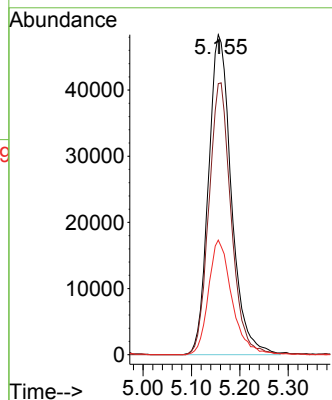
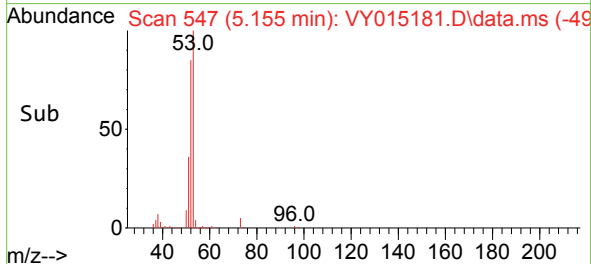


#15
Acrylonitrile
Concen: 283.865 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

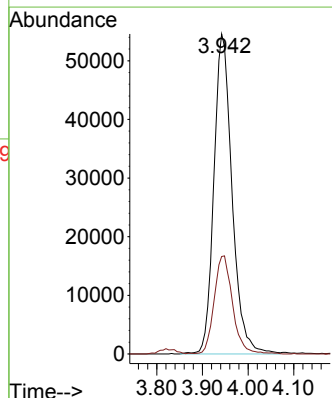
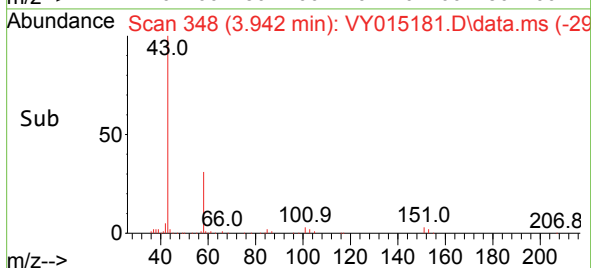
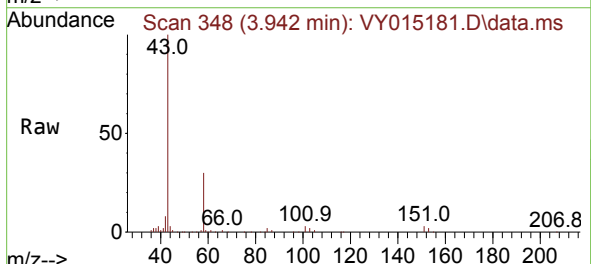


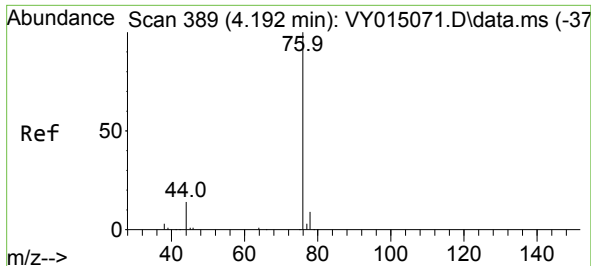
Tgt Ion: 53 Resp: 159129
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.8 29.8 44.6



#16
Acetone
Concen: 244.381 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 43 Resp: 150755
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1

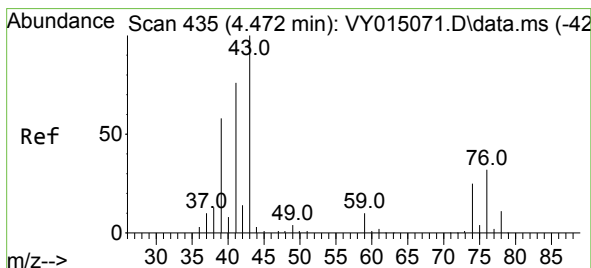
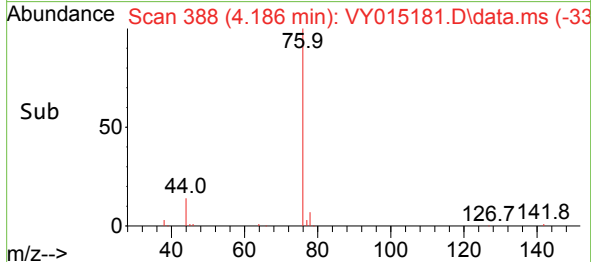
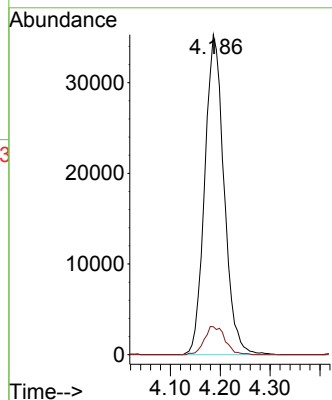
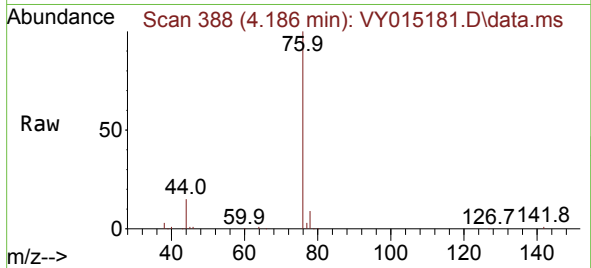




#17
Carbon Disulfide
Concen: 49.290 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

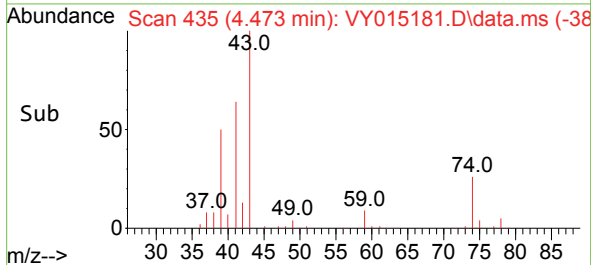
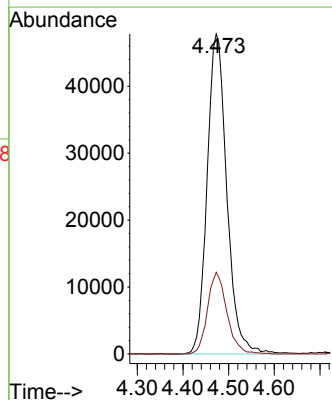
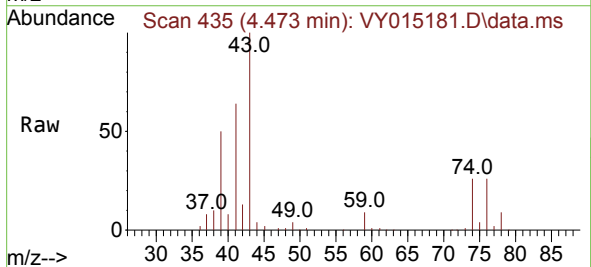
Instrument :
MSVOA_Y
ClientSampleId :

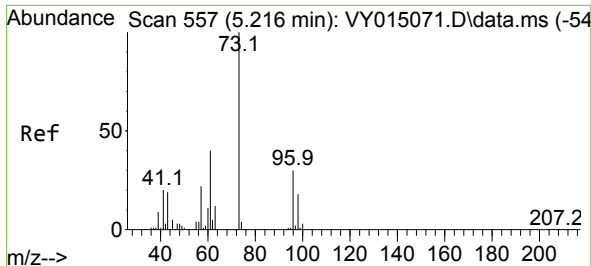
Tgt Ion: 76 Resp: 94951
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 63.296 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 43 Resp: 143089
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

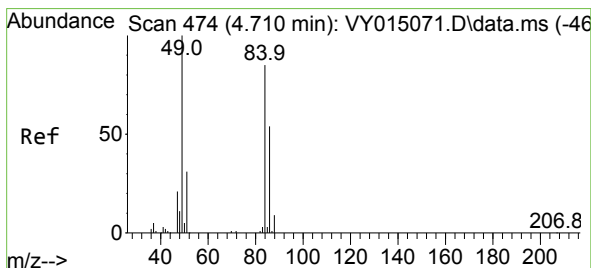
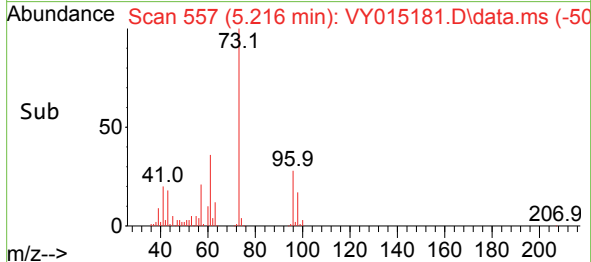
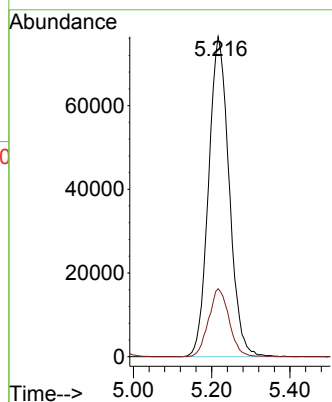
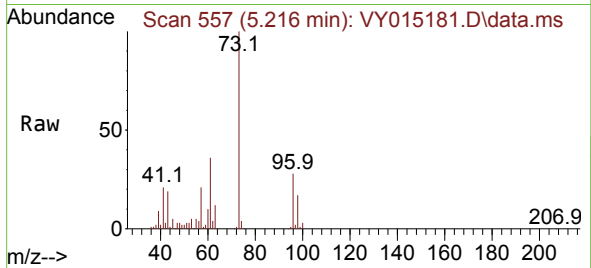




#19
Methyl tert-butyl Ether
Concen: 59.812 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

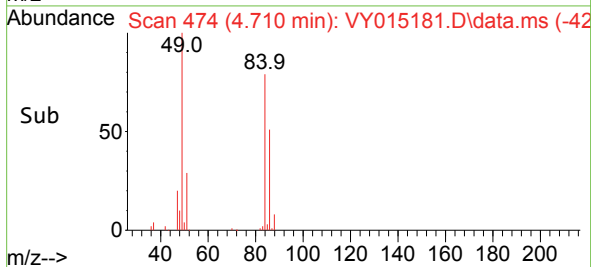
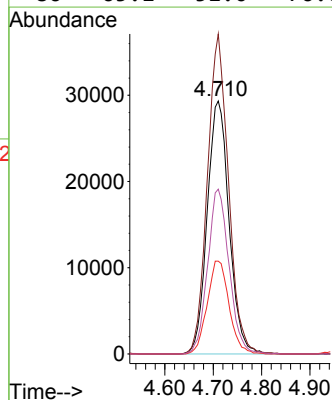
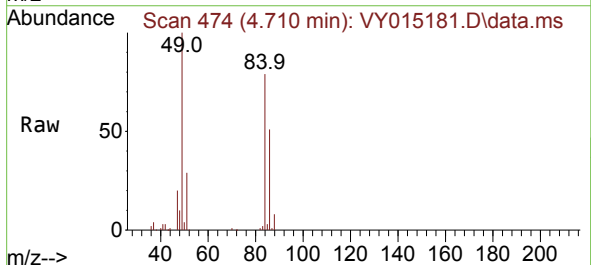
Instrument :
MSVOA_Y
ClientSampleId :

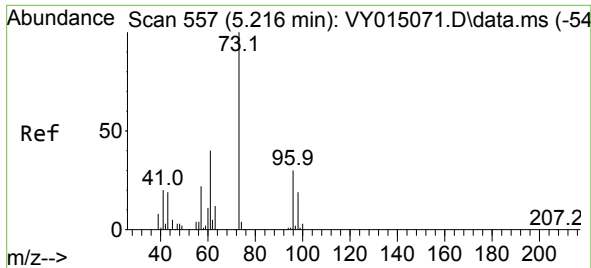
Tgt Ion: 73 Resp: 278380
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 63.417 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 84 Resp: 92083
Ion Ratio Lower Upper
84 100
49 126.5 106.9 160.3
51 36.7 33.2 49.8
86 65.1 51.0 76.6

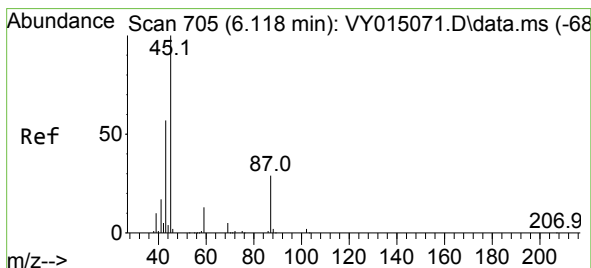
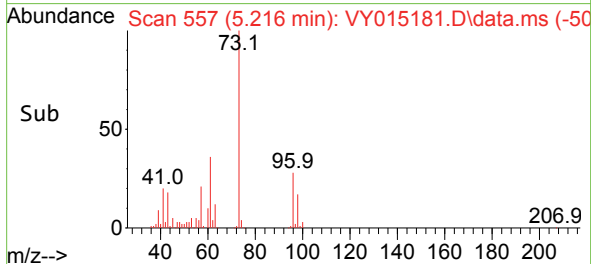
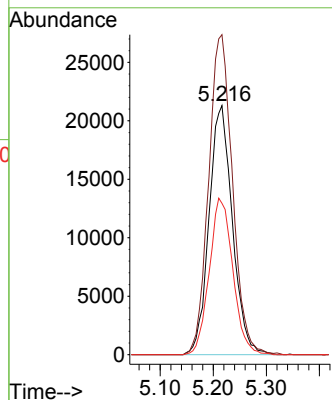
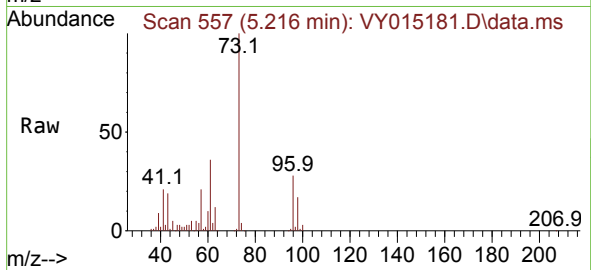




#21
trans-1,2-Dichloroethene
Concen: 52.909 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

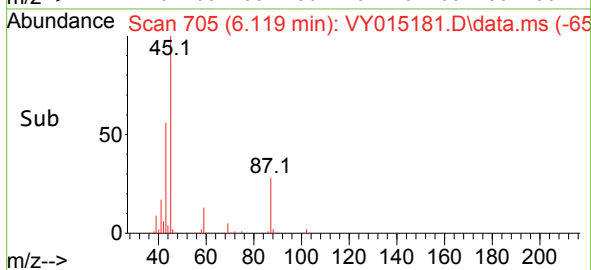
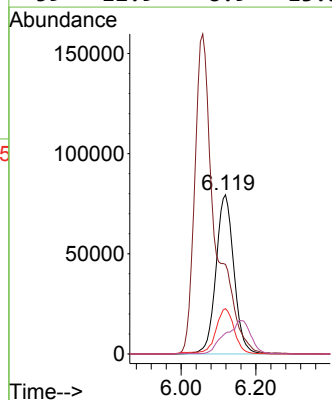
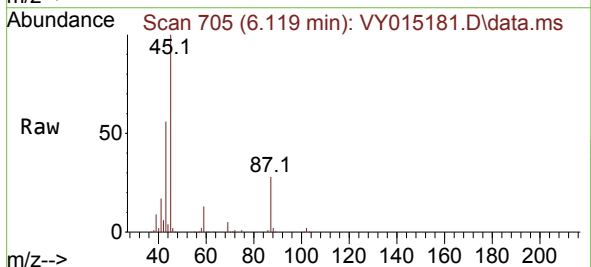
Instrument :
MSVOA_Y
ClientSampleId :

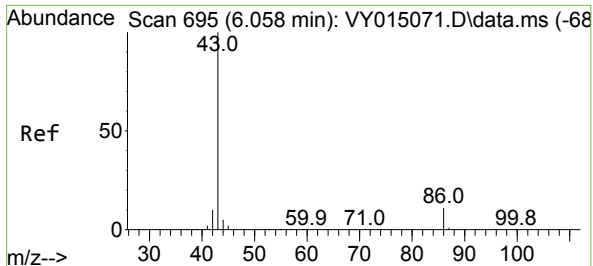
Tgt Ion: 96 Resp: 65326
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 60.8 51.8 77.6



#22
Diisopropyl ether
Concen: 54.790 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 45 Resp: 265325
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 28.4 21.0 31.6
59 12.9 8.9 13.3

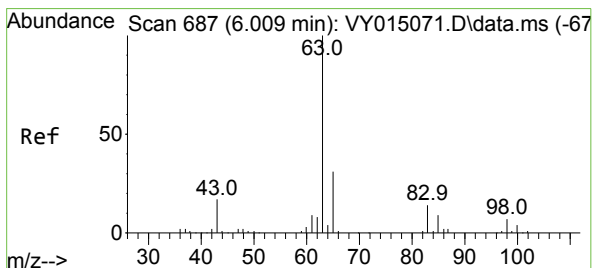
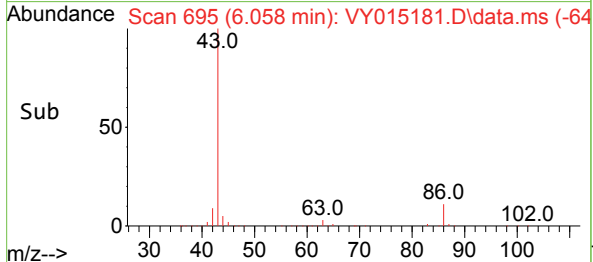
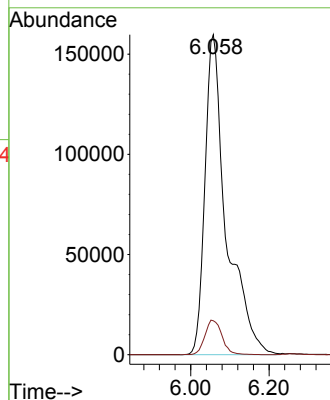
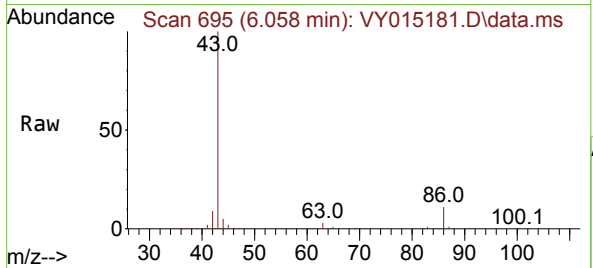




#23
 Vinyl Acetate
 Concen: 209.409 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

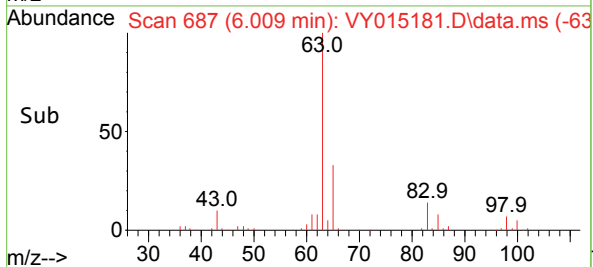
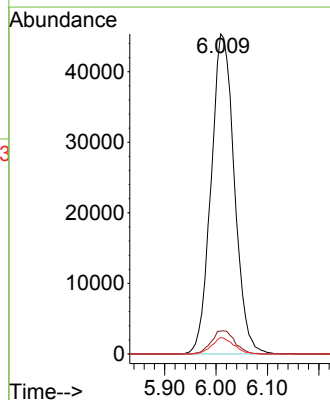
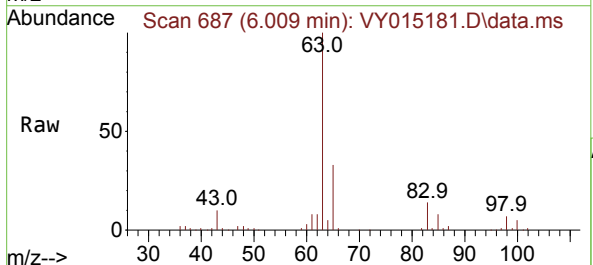
Instrument :
 MSVOA_Y
 ClientSampleId :

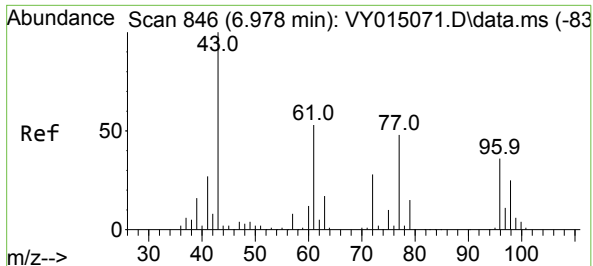
Tgt Ion: 43 Resp: 605089
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 54.354 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

Tgt Ion: 63 Resp: 142502
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 269.850 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

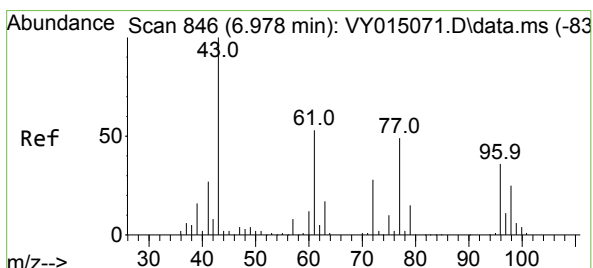
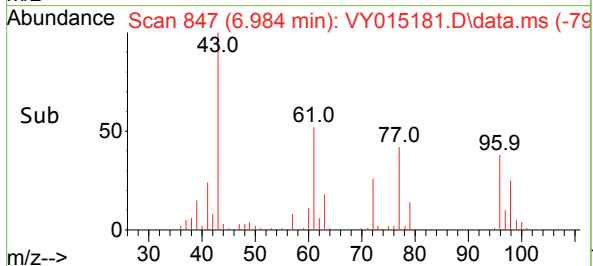
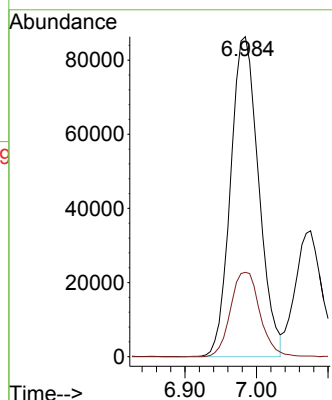
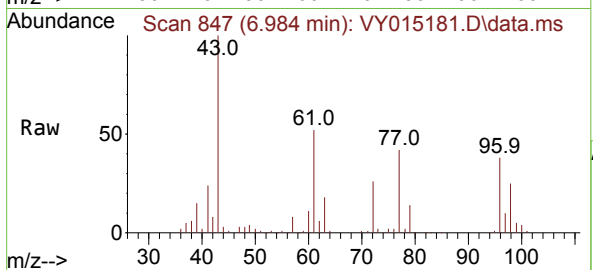
ClientSampleId :

Tgt Ion: 43 Resp: 235699

Ion Ratio Lower Upper

43 100

72 26.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.072 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015181.D

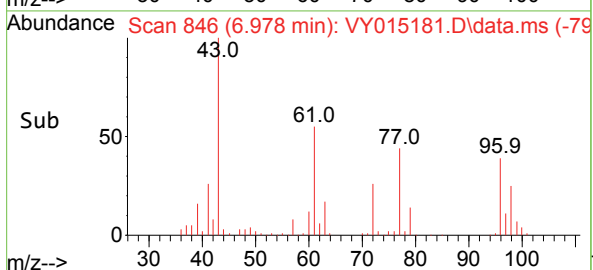
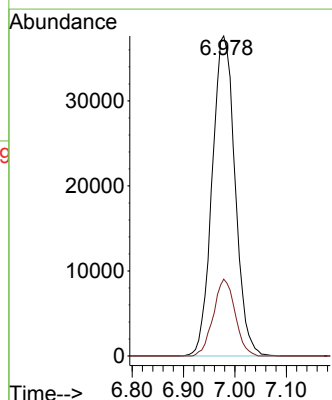
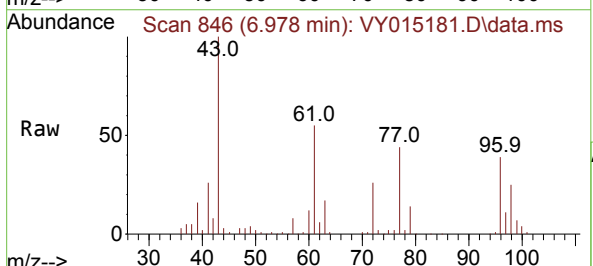
Acq: 17 Aug 2023 18:49

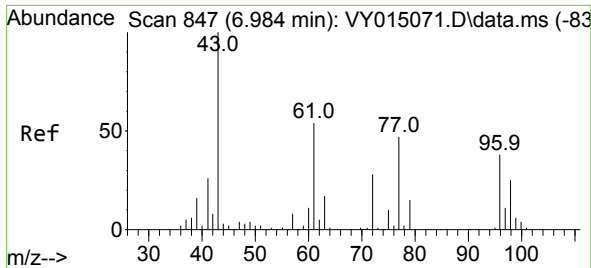
Tgt Ion: 77 Resp: 116440

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9

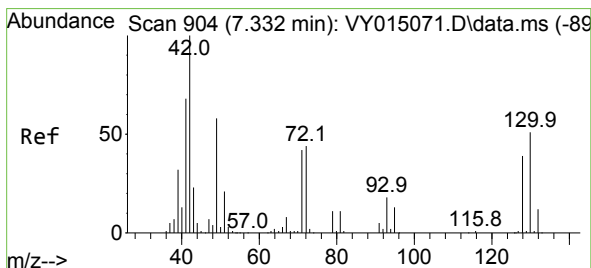
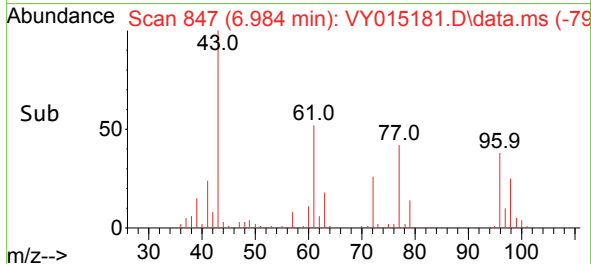
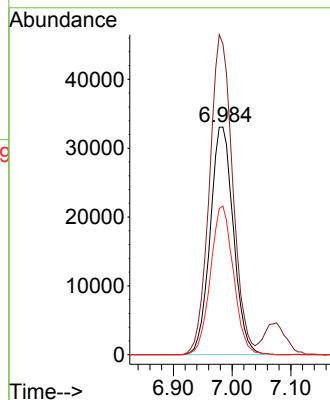
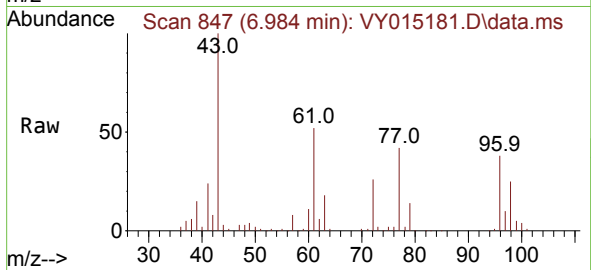




#27
 cis-1,2-Dichloroethene
 Concen: 53.950 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

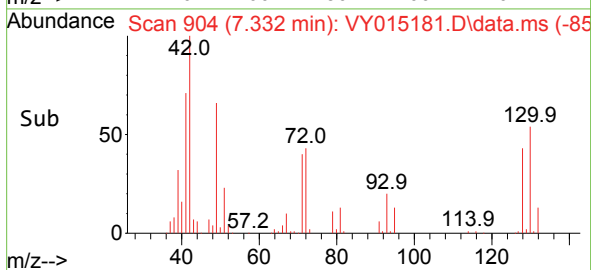
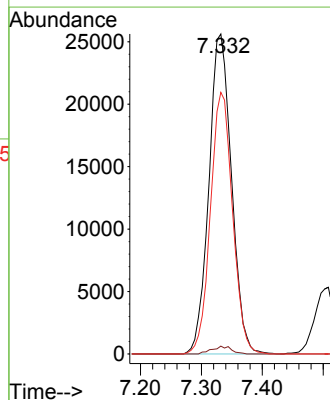
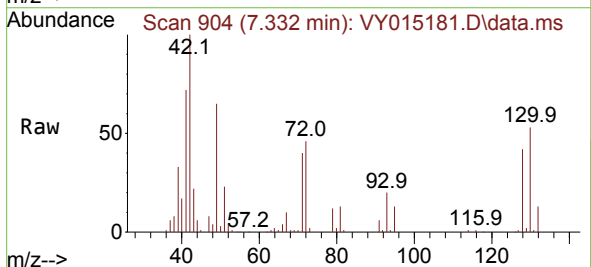
Instrument :
 MSVOA_Y
 ClientSampleId :

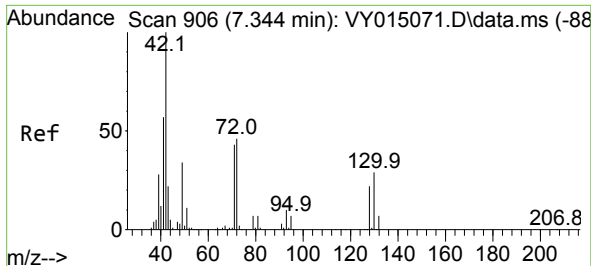
Tgt Ion: 96 Resp: 90992
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 54.891 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

Tgt Ion: 49 Resp: 66116
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 80.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 275.323 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

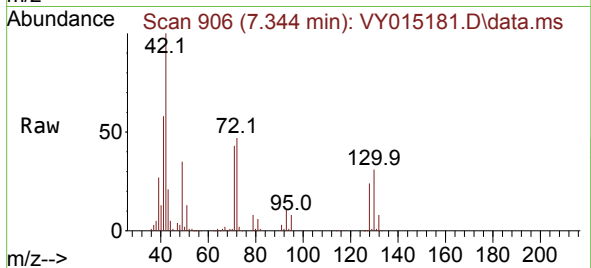
Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :



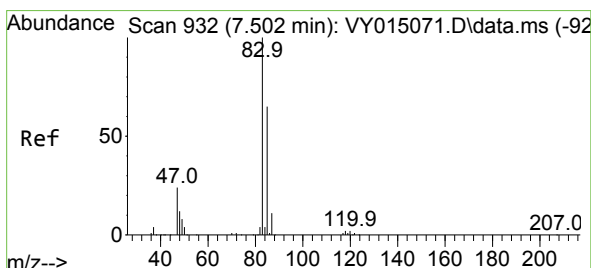
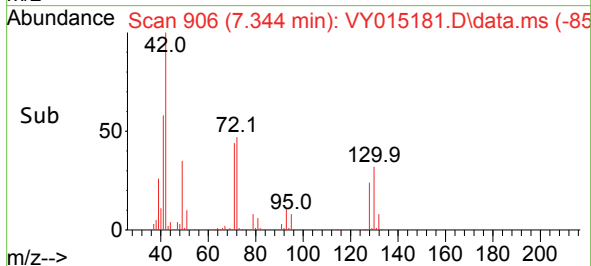
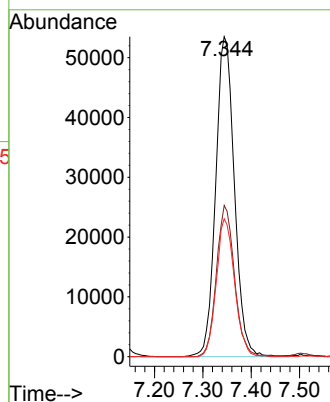
Tgt Ion: 42 Resp: 143793

Ion Ratio Lower Upper

42 100

72 45.8 32.8 49.2

71 42.0 31.0 46.4



#30

Chloroform

Concen: 54.432 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015181.D

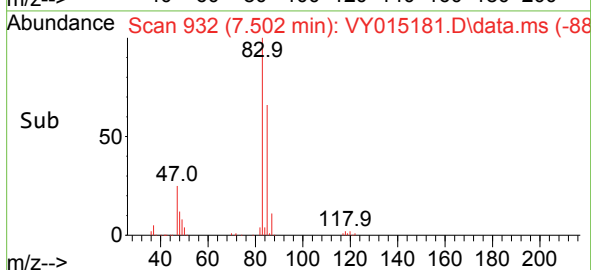
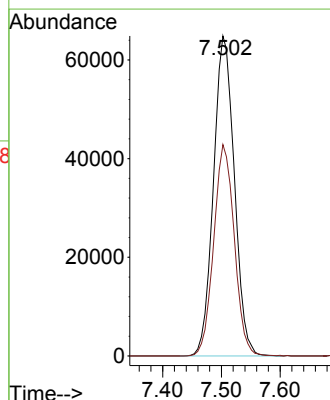
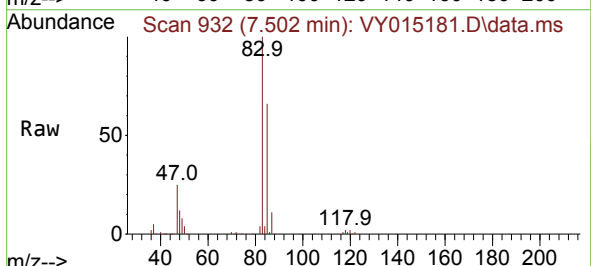
Acq: 17 Aug 2023 18:49

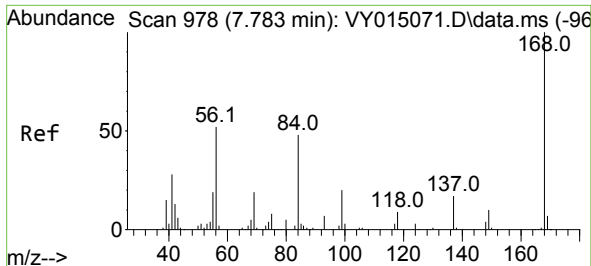
Tgt Ion: 83 Resp: 159975

Ion Ratio Lower Upper

83 100

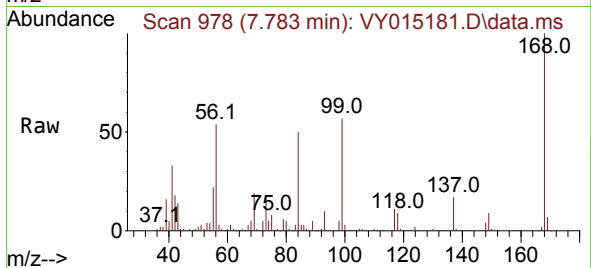
85 66.1 49.7 74.5



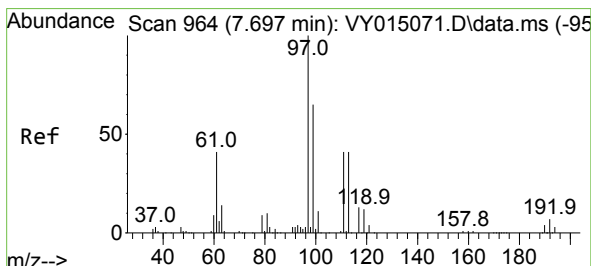
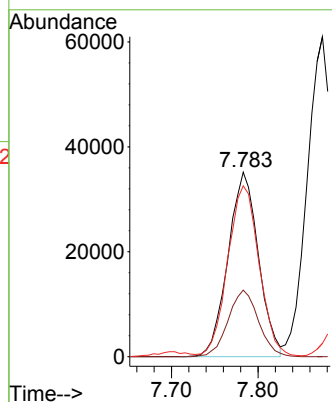
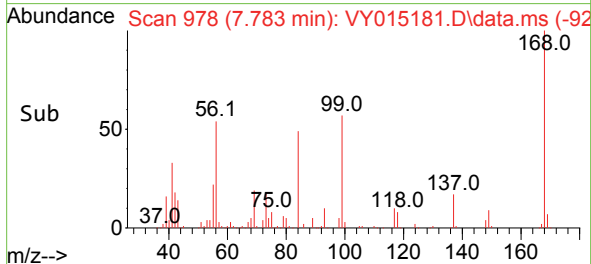


#31
Cyclohexane
Concen: 50.918 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

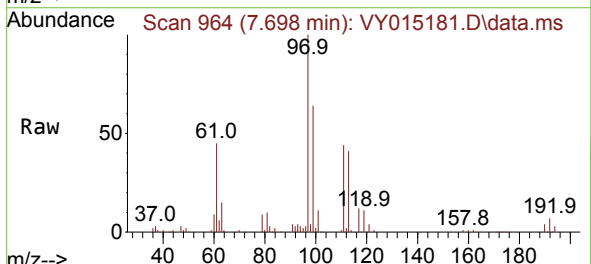
Instrument :
MSVOA_Y
ClientSampleId :



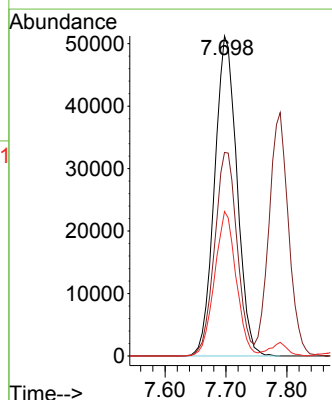
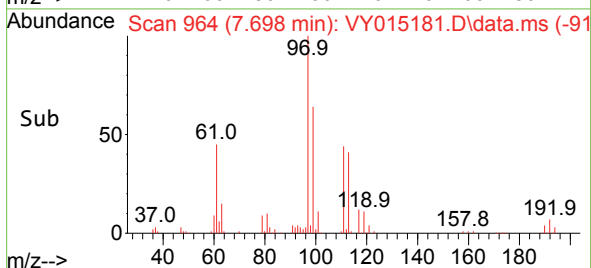
Tgt Ion: 56 Resp: 85803
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.6
84 90.9 66.4 99.6

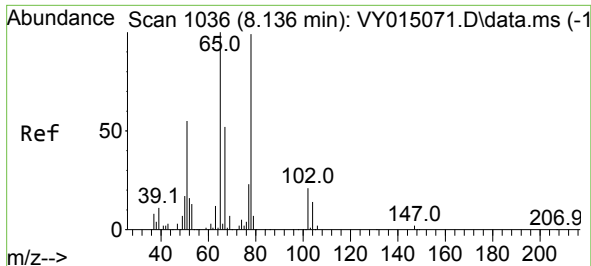


#32
1,1,1-Trichloroethane
Concen: 52.308 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49



Tgt Ion: 97 Resp: 130818
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 43.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 57.415 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

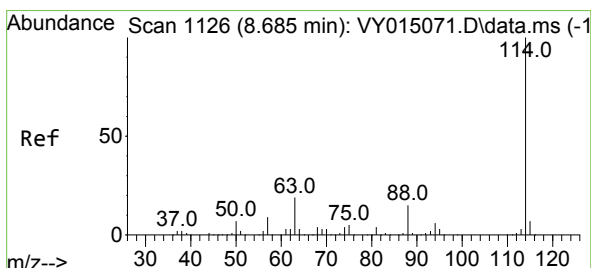
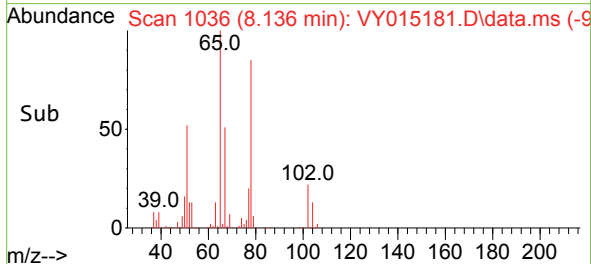
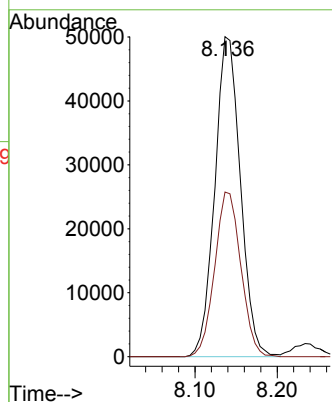
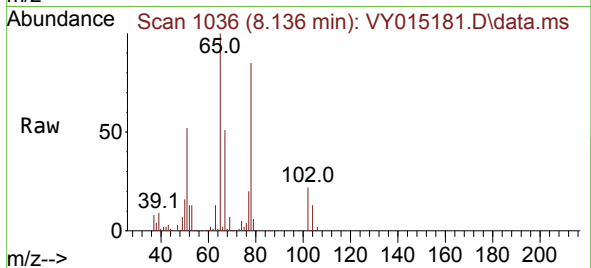
ClientSampleId :

Tgt Ion: 65 Resp: 108419

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

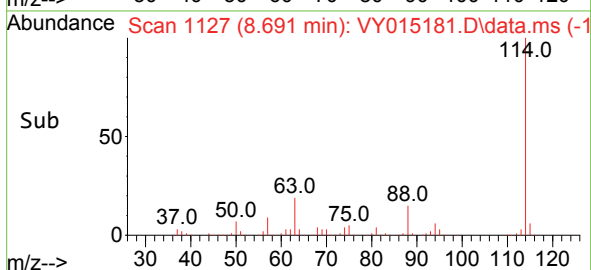
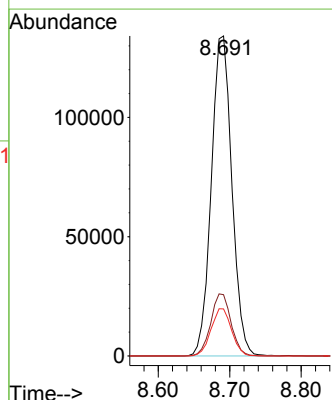
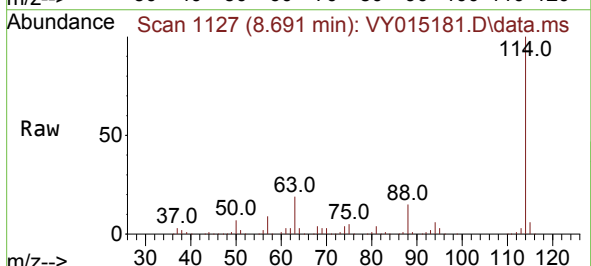
Tgt Ion: 114 Resp: 267881

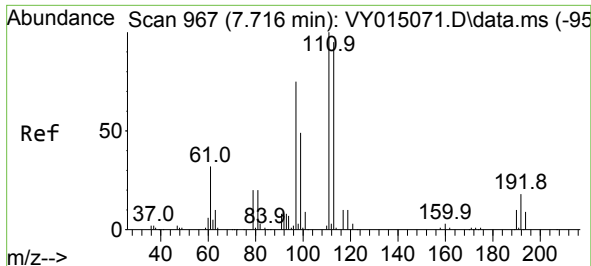
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.7 0.0 30.6

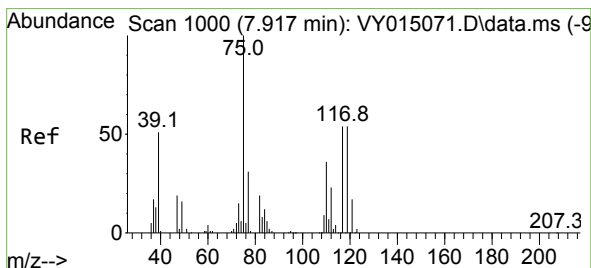
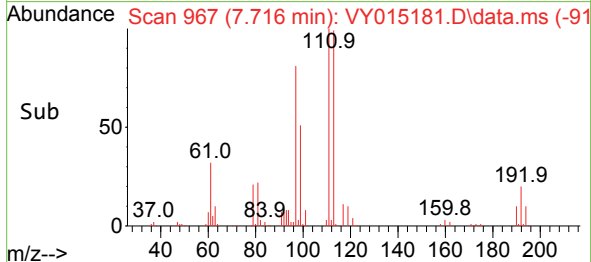
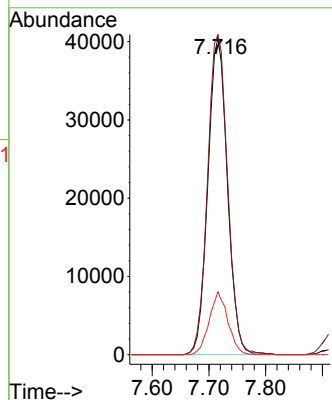
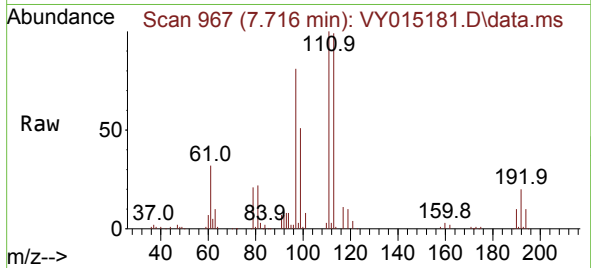




#35
 Dibromofluoromethane
 Concen: 56.083 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

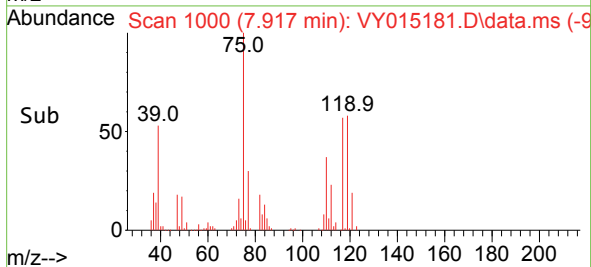
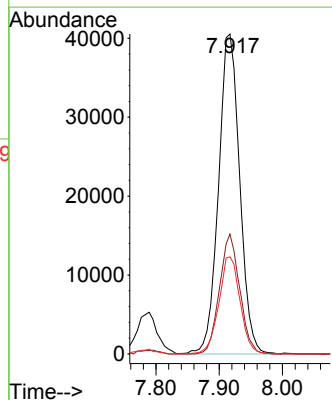
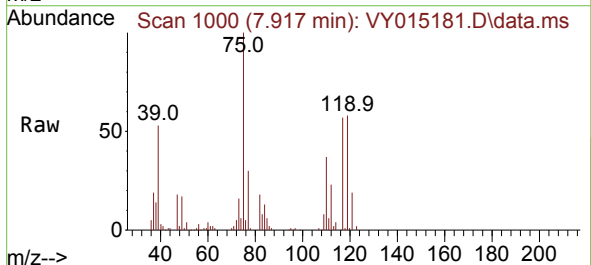
Instrument :
 MSVOA_Y
 ClientSampleId :

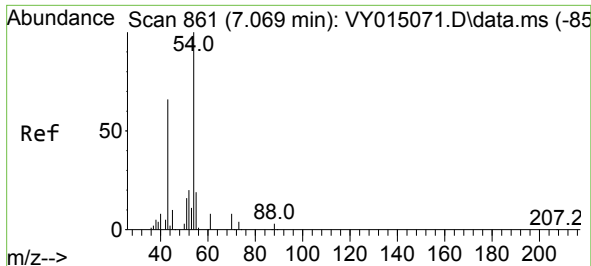
Tgt Ion:113 Resp: 96651
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.3 121.9
 192 19.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 49.411 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

Tgt Ion: 75 Resp: 94206
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.8 53.5
 77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 50.916 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

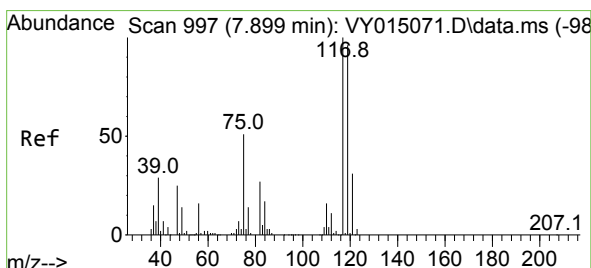
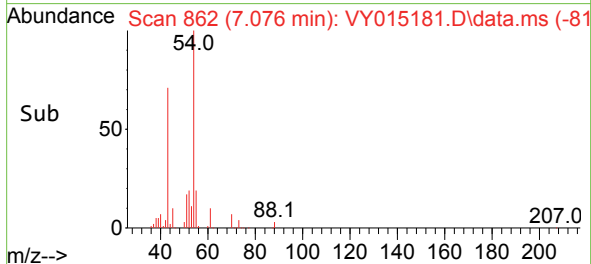
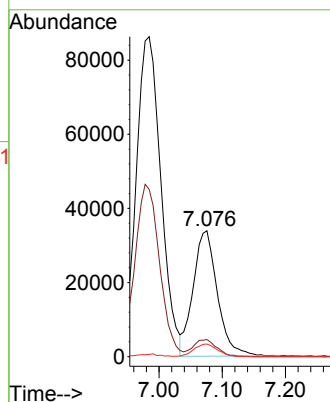
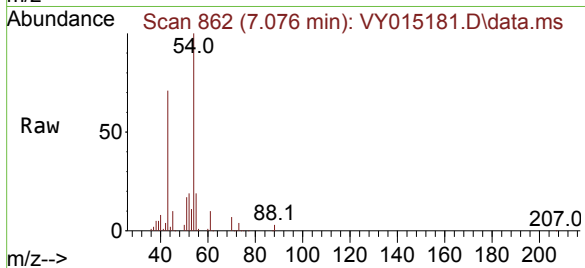
Tgt Ion: 43 Resp: 90487

Ion Ratio Lower Upper

43 100

61 13.4 10.1 15.1

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 49.294 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

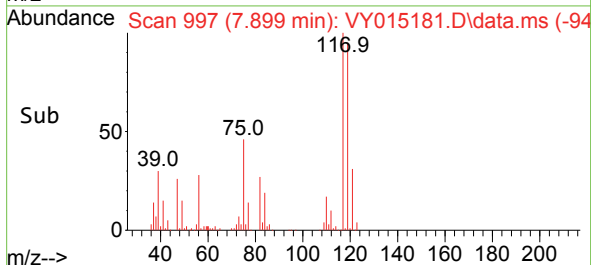
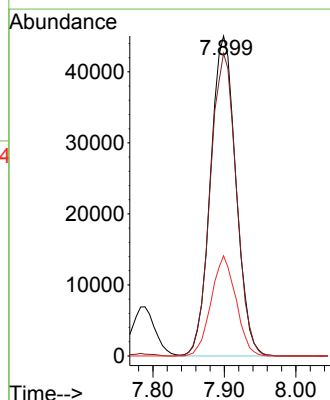
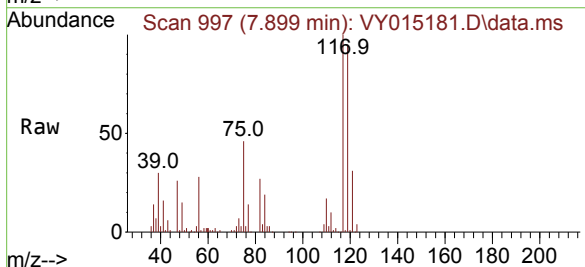
Tgt Ion: 117 Resp: 111230

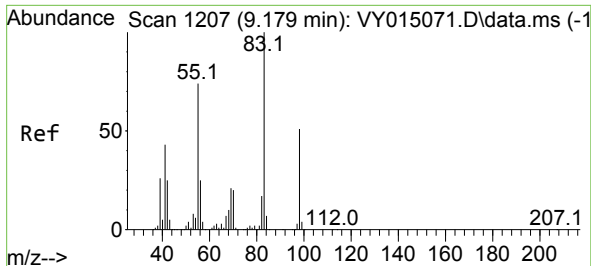
Ion Ratio Lower Upper

117 100

119 94.5 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 46.086 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

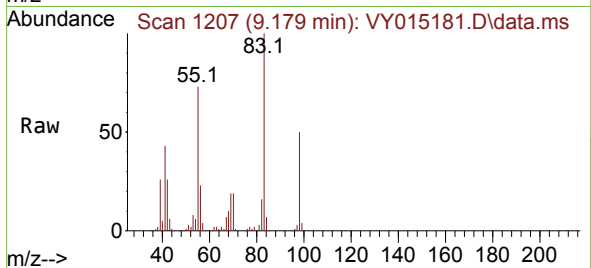
Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :



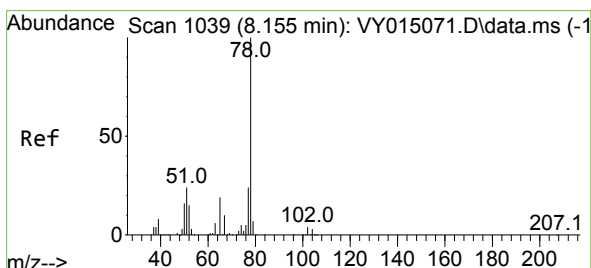
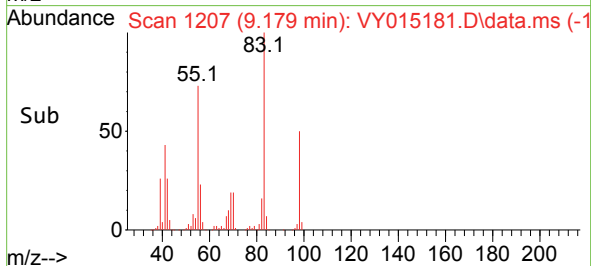
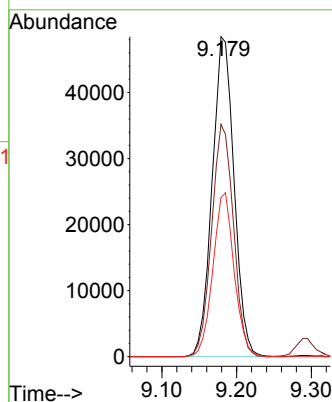
Tgt Ion: 83 Resp: 98503

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 49.7 37.4 56.2



#40

Benzene

Concen: 52.322 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015181.D

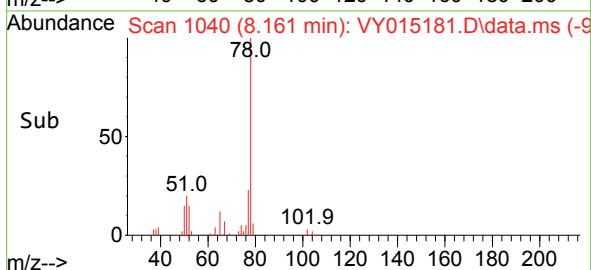
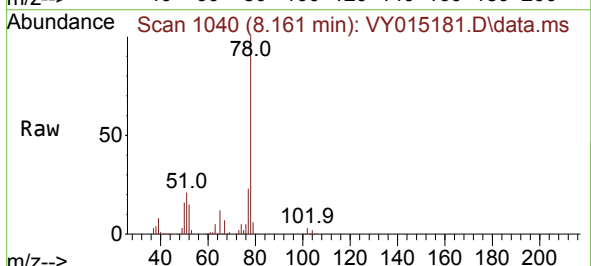
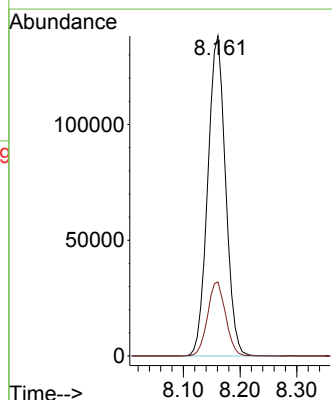
Acq: 17 Aug 2023 18:49

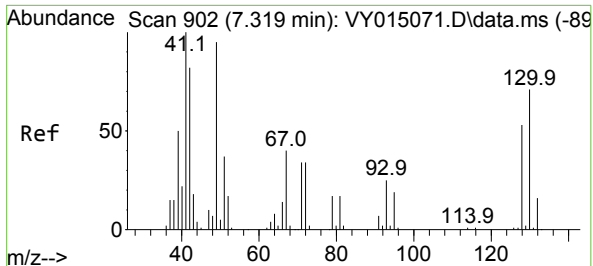
Tgt Ion: 78 Resp: 301603

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

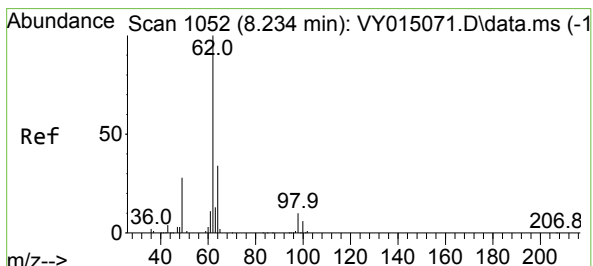
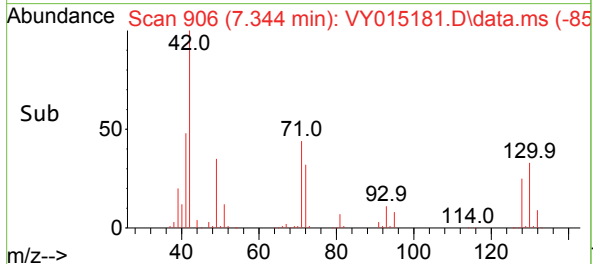
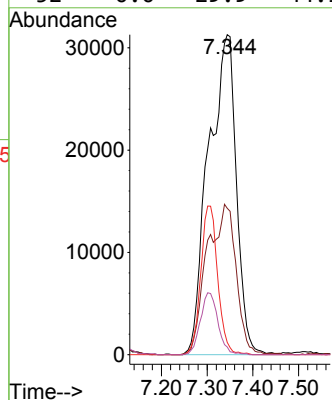
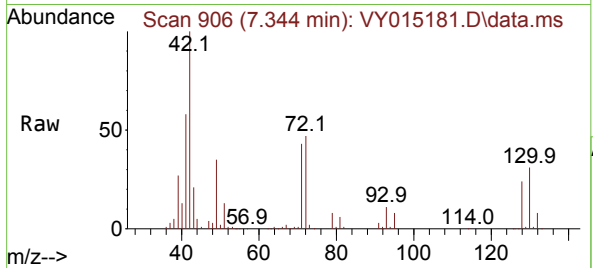




#41
Methacrylonitrile
Concen: 143.694 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

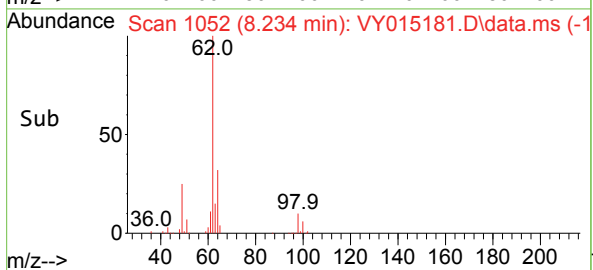
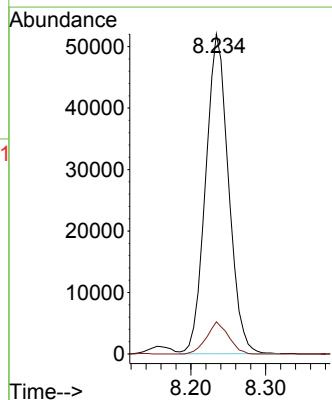
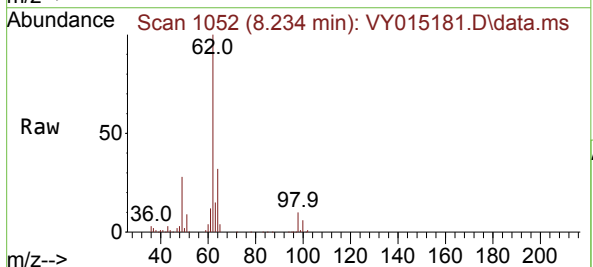
Instrument :
MSVOA_Y
ClientSampleId :

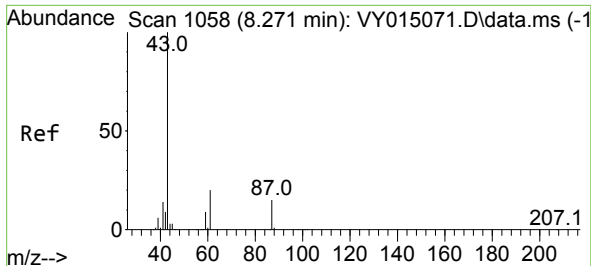
Tgt Ion: 41 Resp: 131682
Ion Ratio Lower Upper
41 100
39 25.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.901 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

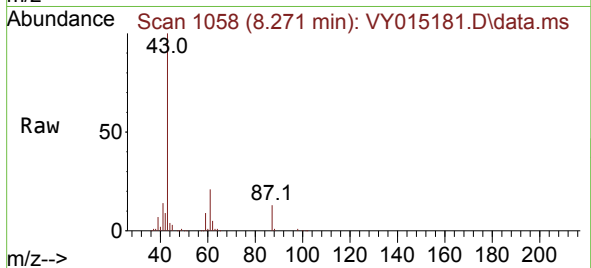
Tgt Ion: 62 Resp: 110746
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



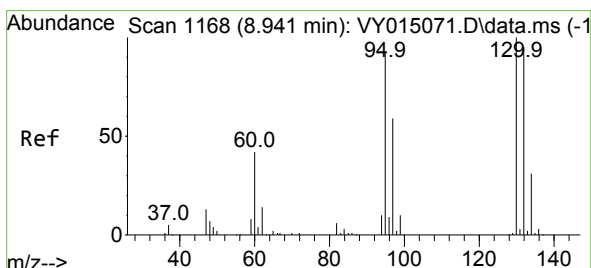
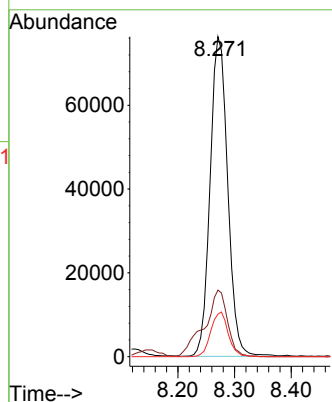
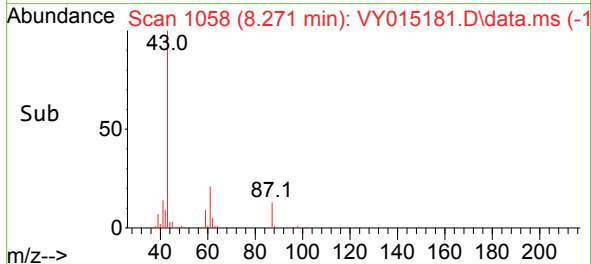


#43
Isopropyl Acetate
Concen: 50.772 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

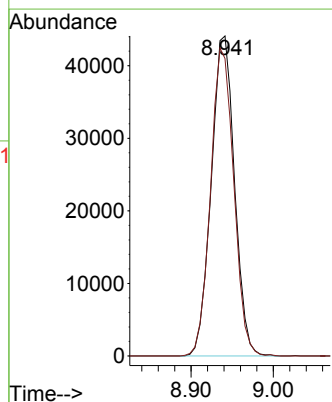
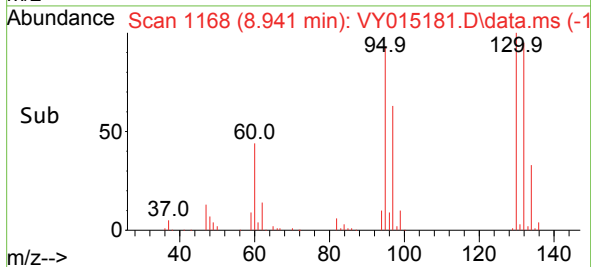
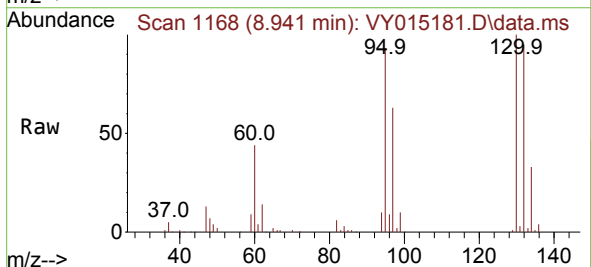


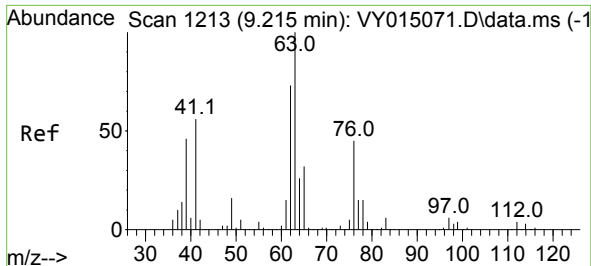
Tgt Ion: 43 Resp: 164315
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 52.265 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion:130 Resp: 86795
Ion Ratio Lower Upper
130 100
95 92.9 0.0 196.0

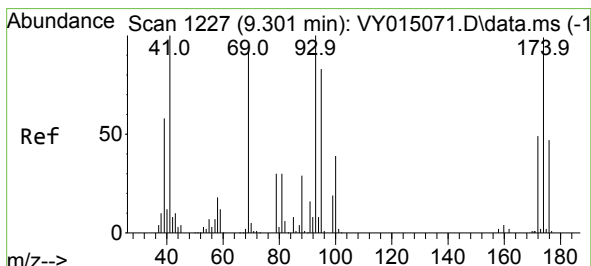
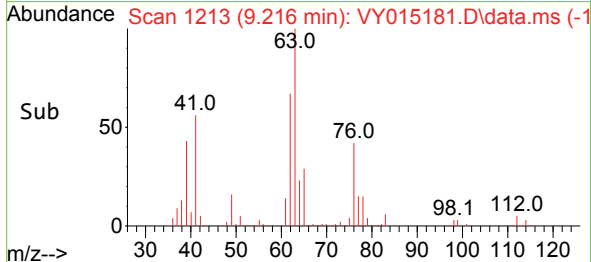
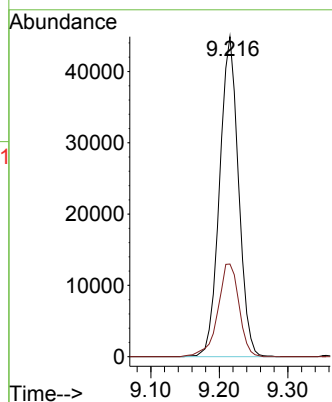
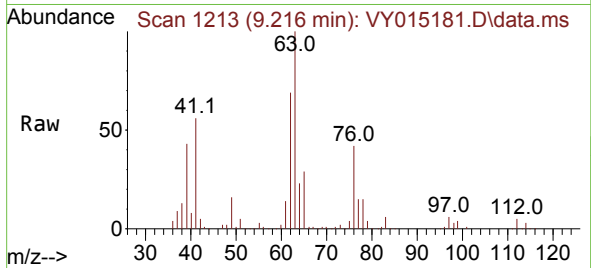




#45
1,2-Dichloropropane
Concen: 52.728 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

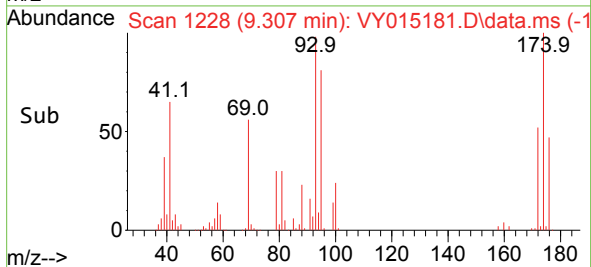
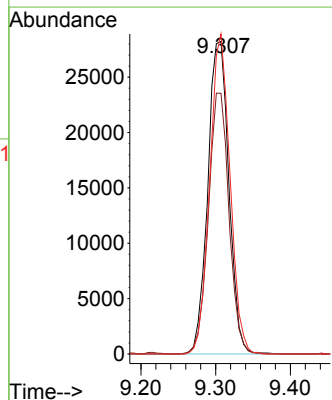
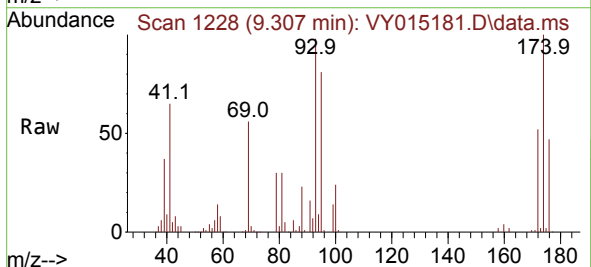
Instrument :
MSVOA_Y
ClientSampleId :

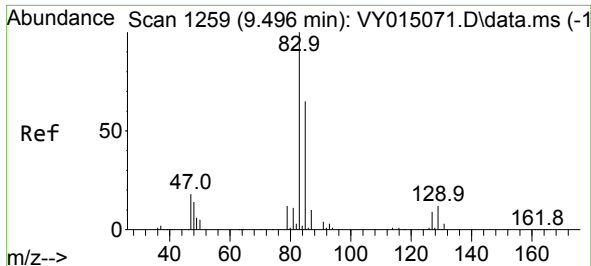
Tgt Ion: 63 Resp: 85707
Ion Ratio Lower Upper
63 100
65 29.0 23.8 35.6



#46
Dibromomethane
Concen: 54.003 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 93 Resp: 55363
Ion Ratio Lower Upper
93 100
95 81.7 66.6 100.0
174 98.7 84.8 127.2

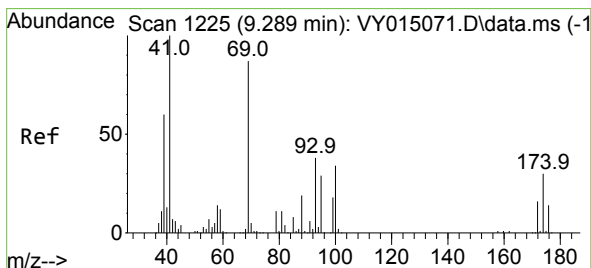
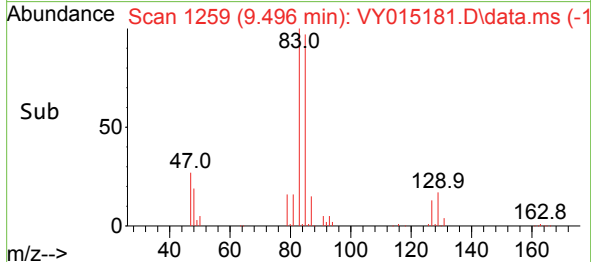
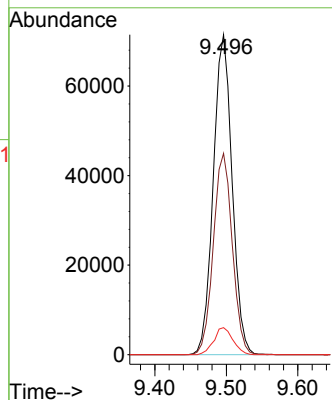
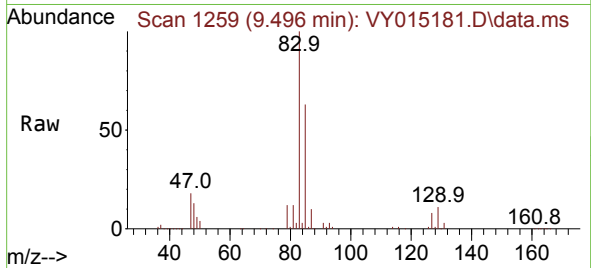




#47
Bromodichloromethane
Concen: 53.372 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

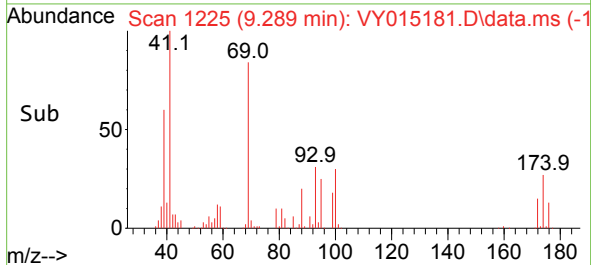
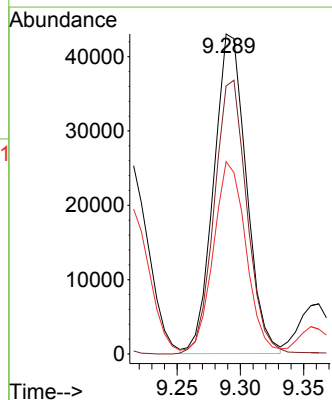
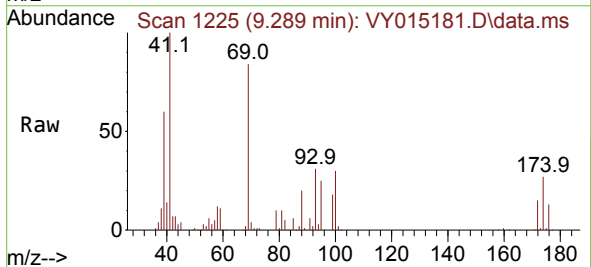
Instrument :
MSVOA_Y
ClientSampleId :

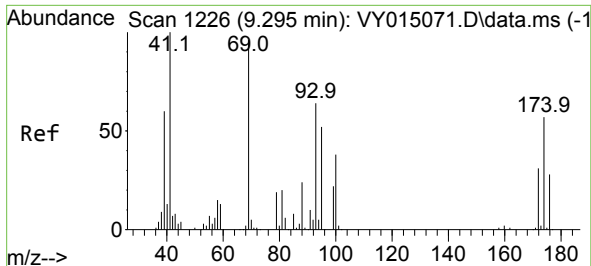
Tgt Ion: 83 Resp: 130567
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 55.670 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 41 Resp: 77071
Ion Ratio Lower Upper
41 100
69 86.0 64.5 96.7
39 60.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1079.361 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

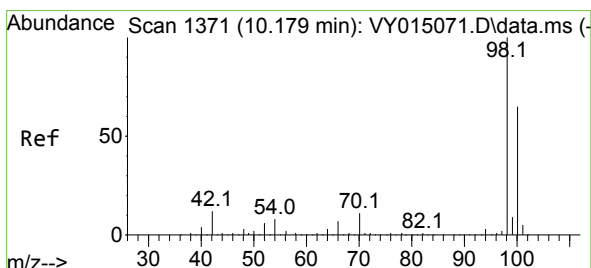
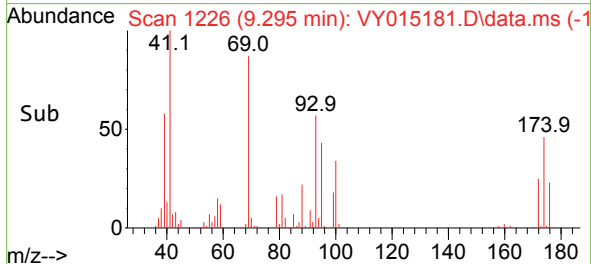
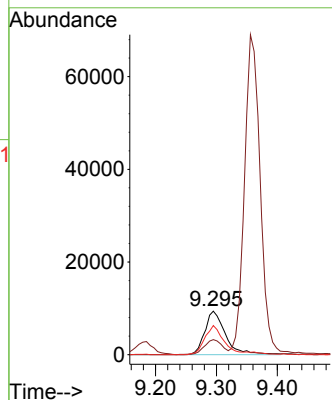
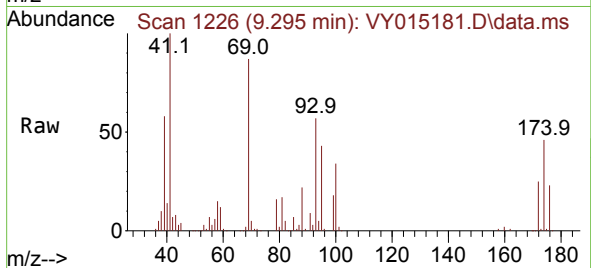
Tgt Ion: 88 Resp: 22127

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 65.9 30.9 46.3#



#50

Toluene-d8

Concen: 54.635 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015181.D

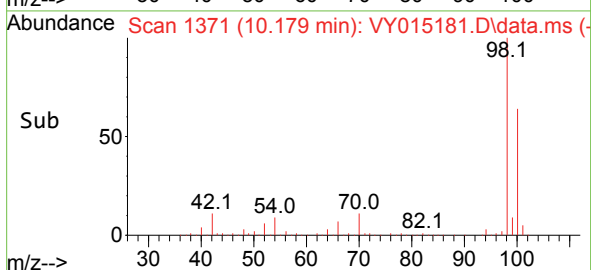
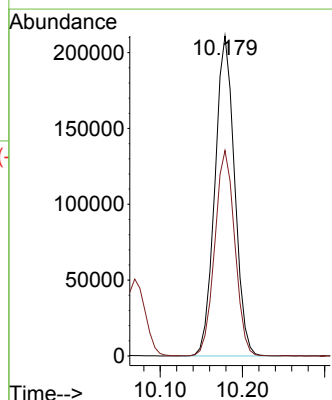
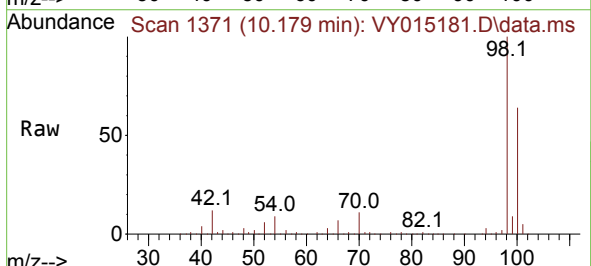
Acq: 17 Aug 2023 18:49

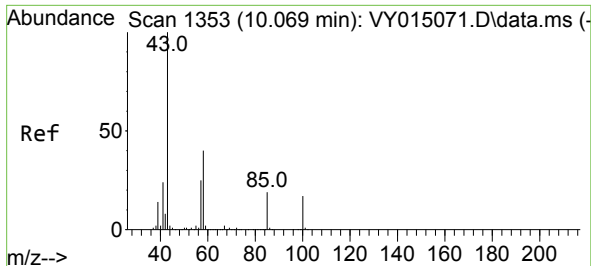
Tgt Ion: 98 Resp: 350504

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

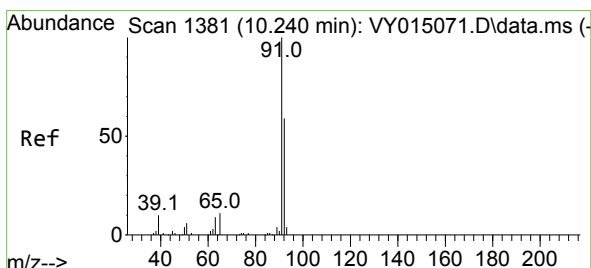
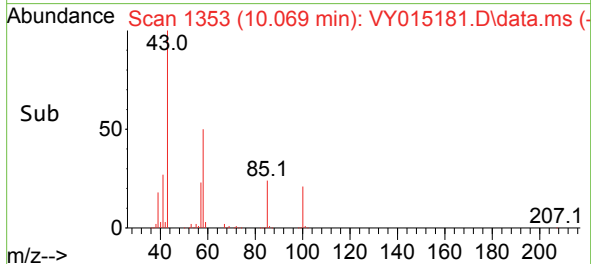
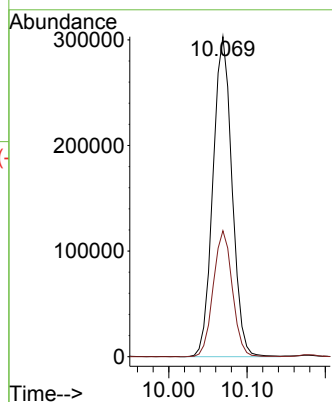
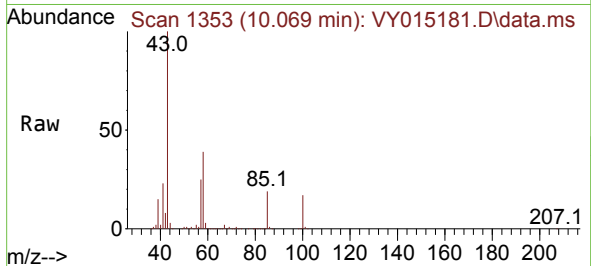




#51
4-Methyl-2-Pentanone
Concen: 273.282 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

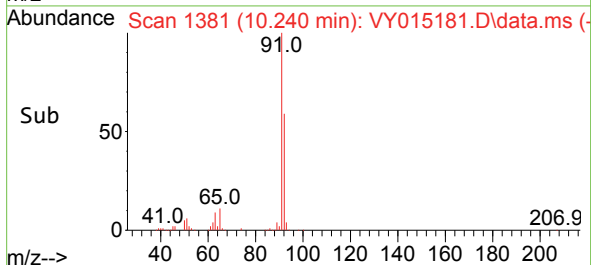
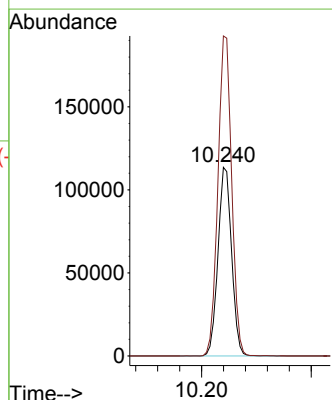
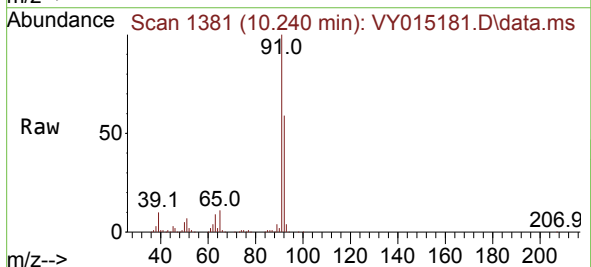
Instrument :
MSVOA_Y
ClientSampleId :

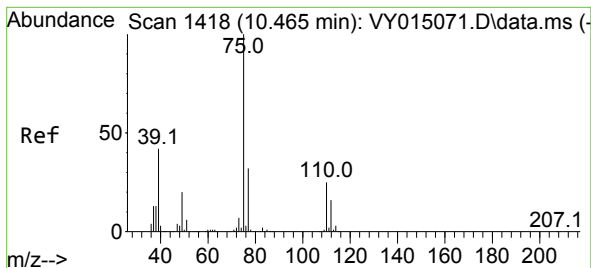
Tgt Ion: 43 Resp: 512582
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 51.502 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 92 Resp: 195673
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

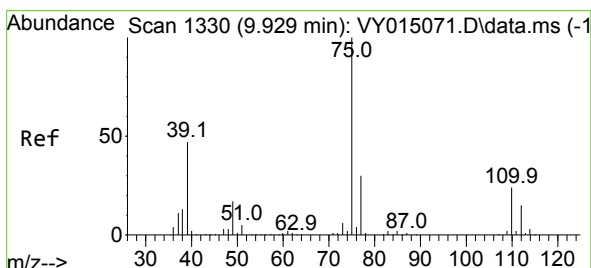
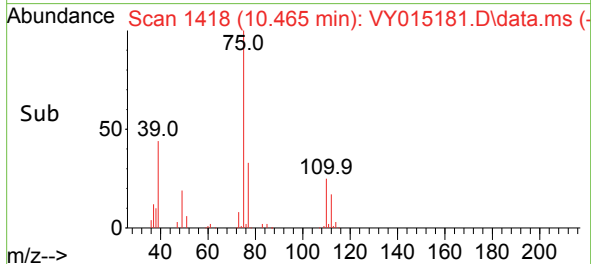
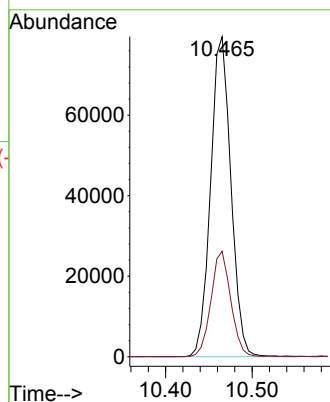
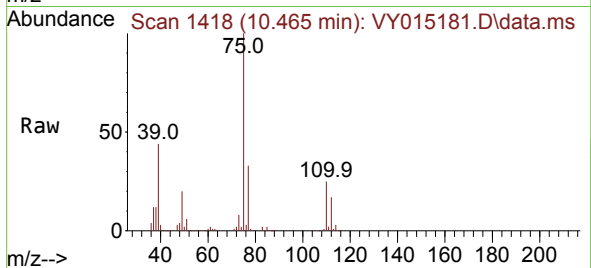




#53
t-1,3-Dichloropropene
Concen: 50.447 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

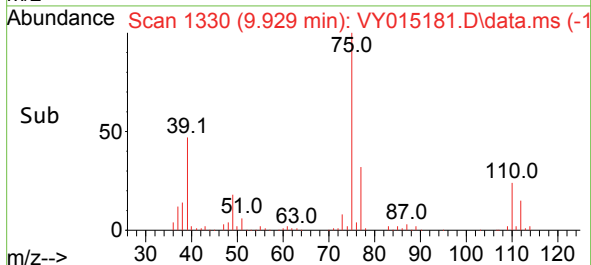
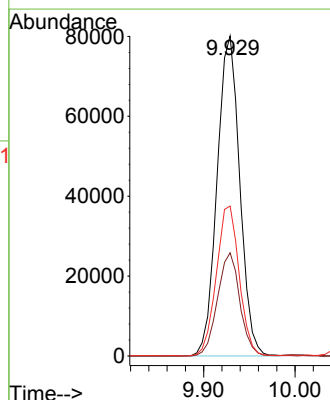
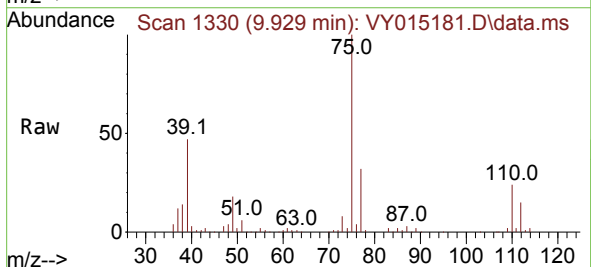
Instrument :
MSVOA_Y
ClientSampleId :

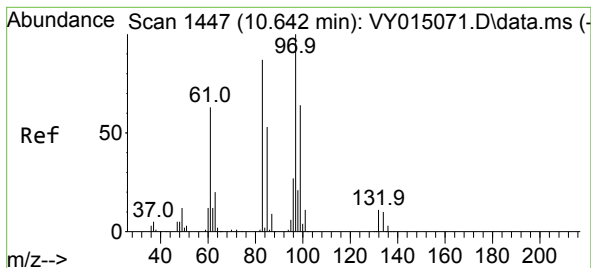
Tgt Ion: 75 Resp: 129696
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.986 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 75 Resp: 138052
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 46.8 42.2 63.4

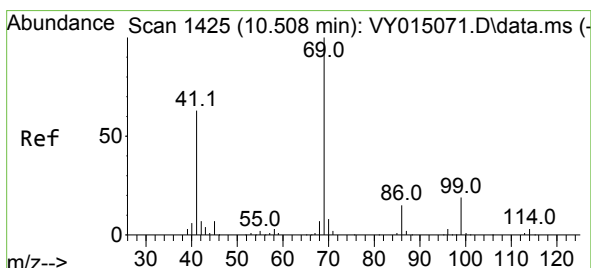
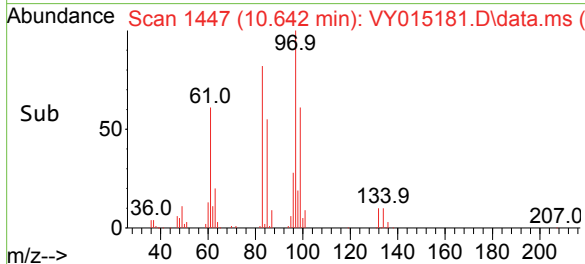
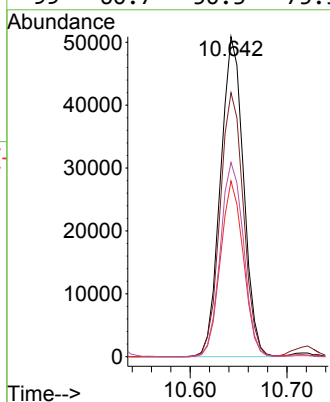
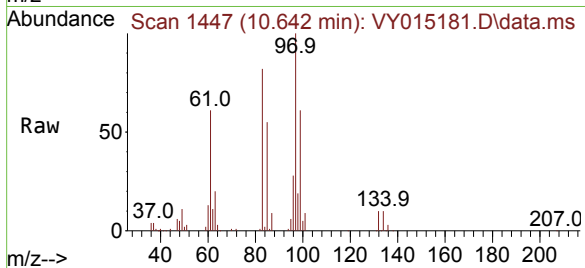




#55
1,1,2-Trichloroethane
Concen: 53.986 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

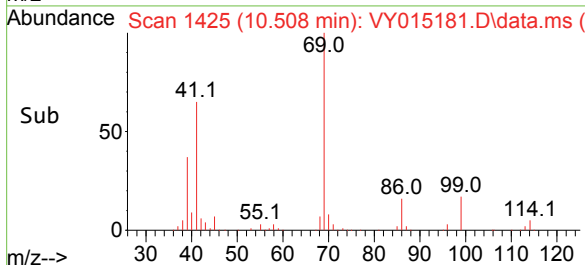
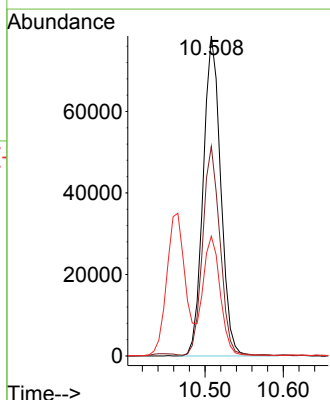
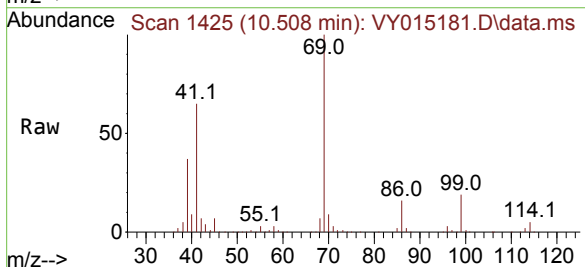
Instrument :
MSVOA_Y
ClientSampleId :

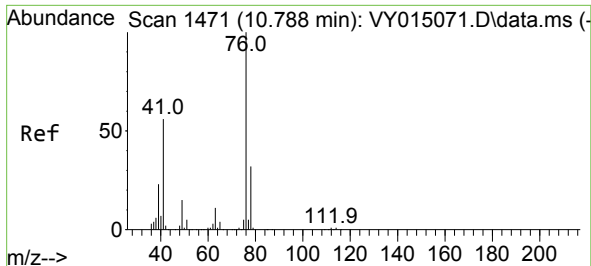
Tgt Ion:	97	Resp:	84153
Ion	Ratio	Lower	Upper
97	100		
83	82.5	72.0	108.0
85	54.9	45.4	68.0
99	60.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.517 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion:	69	Resp:	122087
Ion	Ratio	Lower	Upper
69	100		
41	64.1	57.6	86.4
39	35.4	34.1	51.1

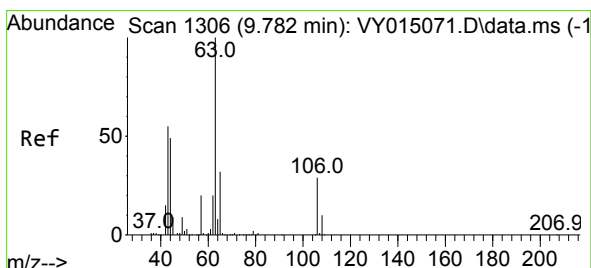
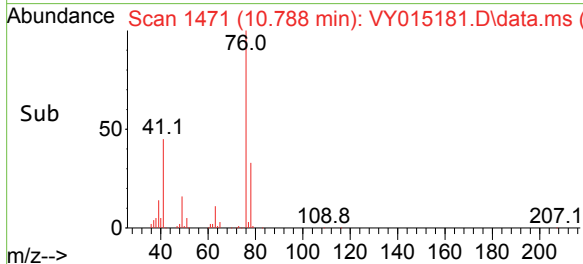
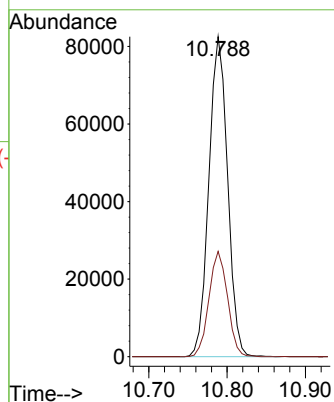
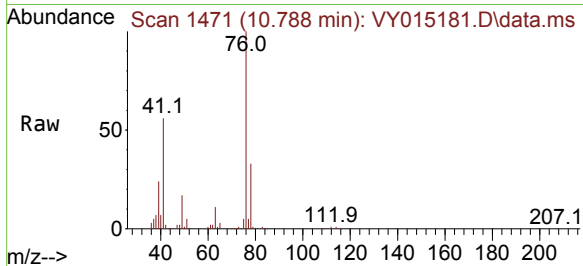




#57
1,3-Dichloropropane
Concen: 53.733 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

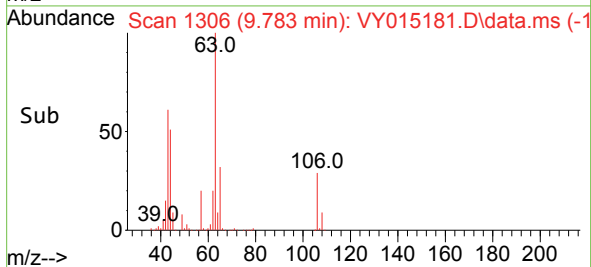
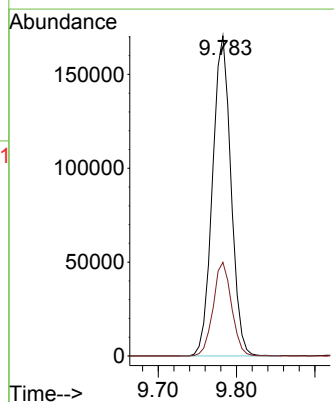
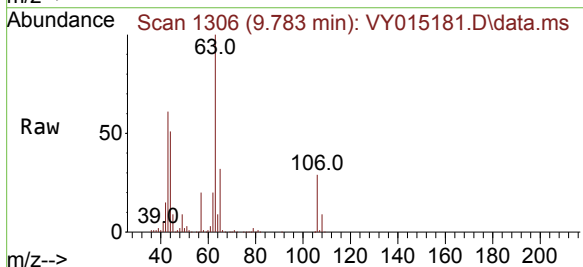
Instrument :
MSVOA_Y
ClientSampleId :

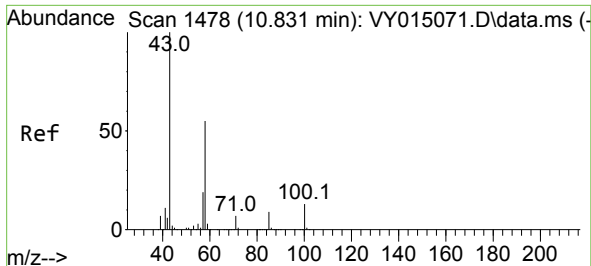
Tgt Ion: 76 Resp: 136843
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 262.565 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 63 Resp: 278755
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

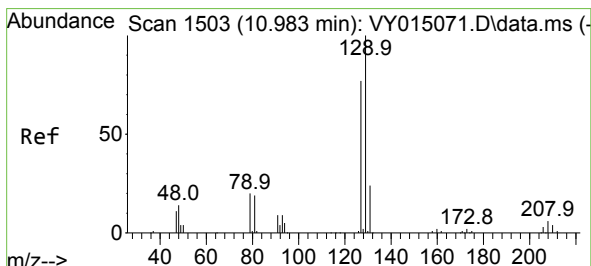
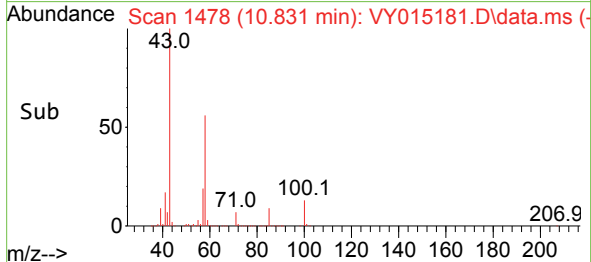
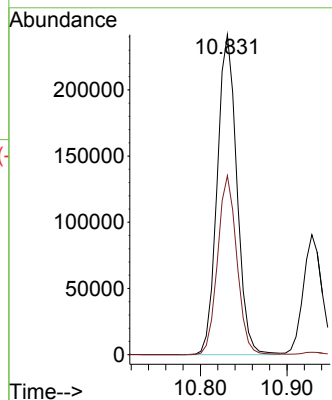
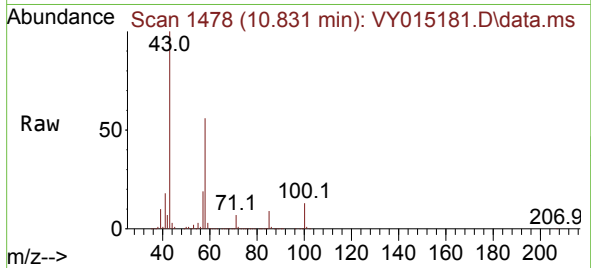




#59
2-Hexanone
Concen: 274.008 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

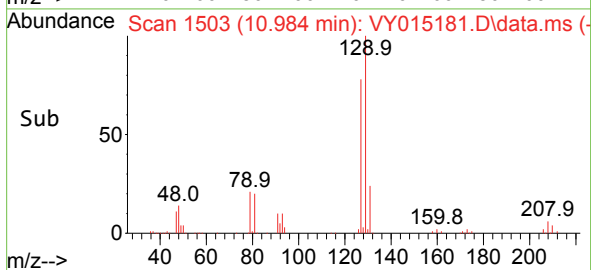
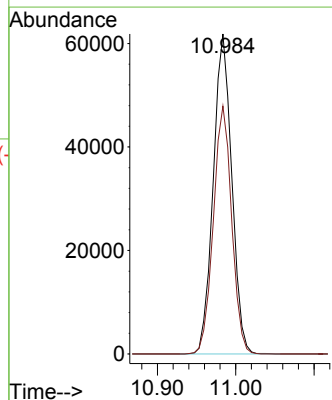
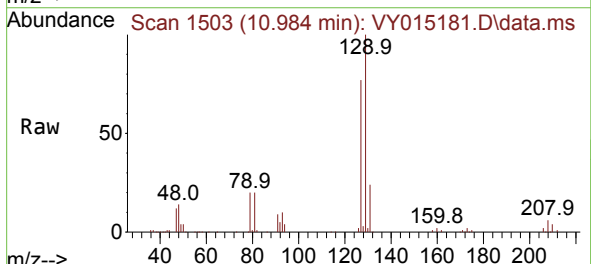
Instrument :
MSVOA_Y
ClientSampleId :

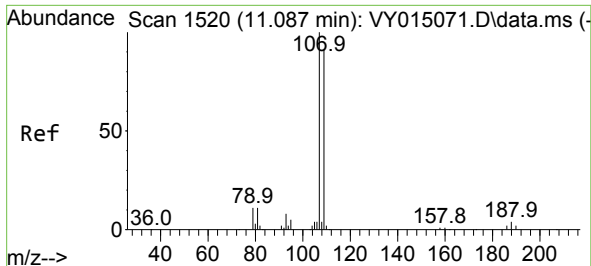
Tgt Ion: 43 Resp: 380374
Ion Ratio Lower Upper
43 100
58 54.8 25.1 75.3



#60
Dibromochloromethane
Concen: 54.580 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion:129 Resp: 101488
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

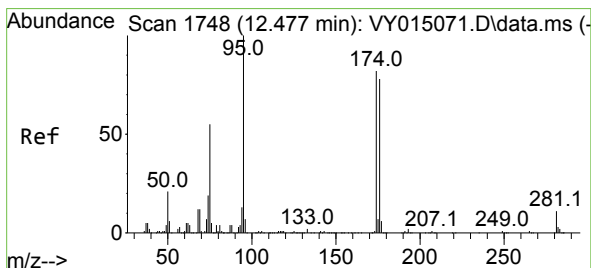
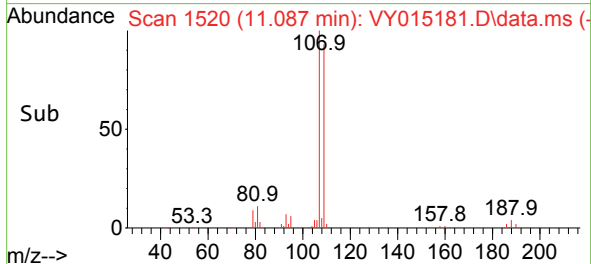
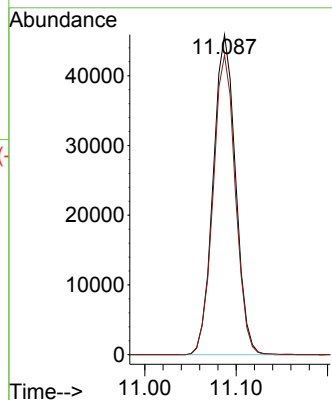
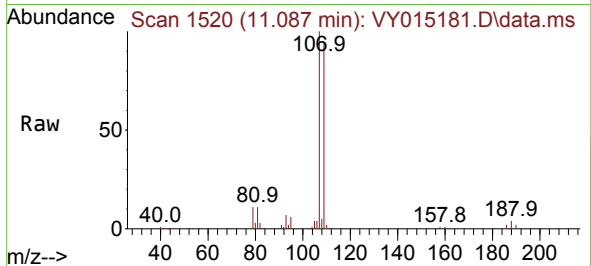




#61
1,2-Dibromoethane
Concen: 52.509 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

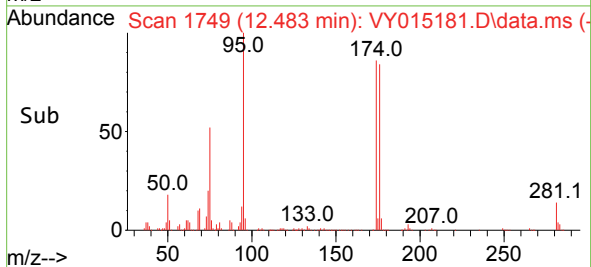
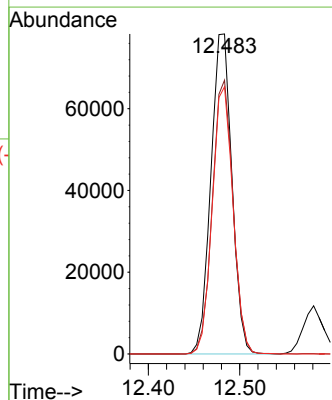
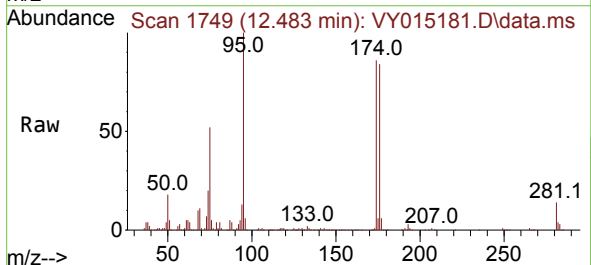
Instrument :
MSVOA_Y
ClientSampleId :

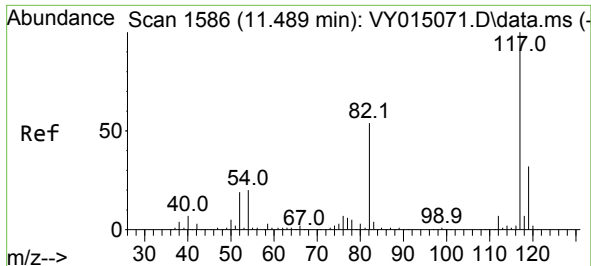
Tgt Ion:107 Resp: 77756
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

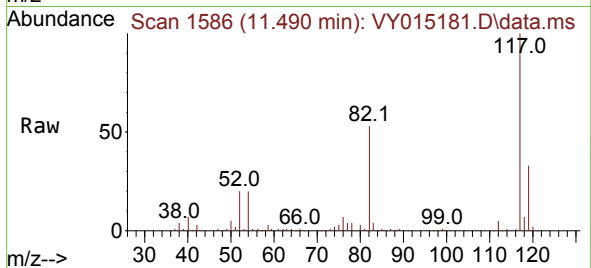
Tgt Ion: 95 Resp: 125267
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.3 0.0 173.8



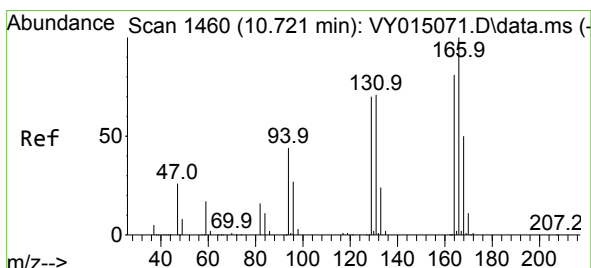
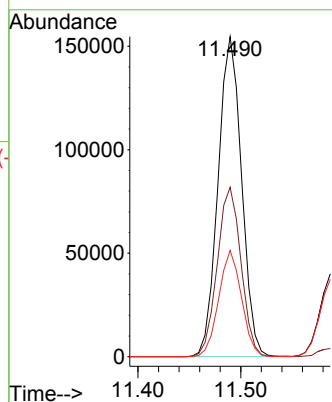
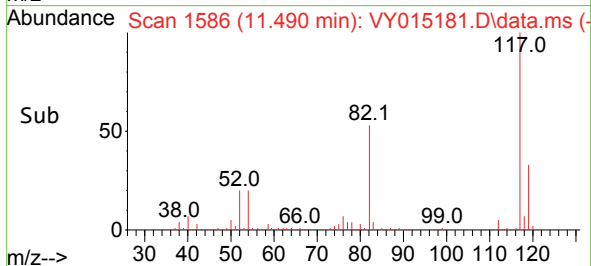


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

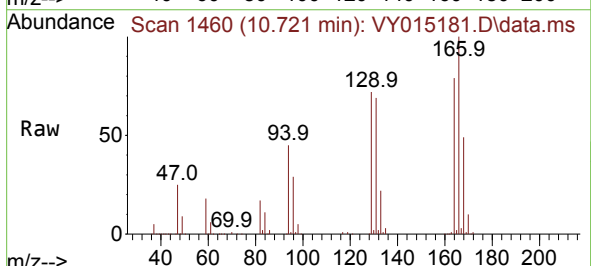
Instrument :
MSVOA_Y
ClientSampleId :



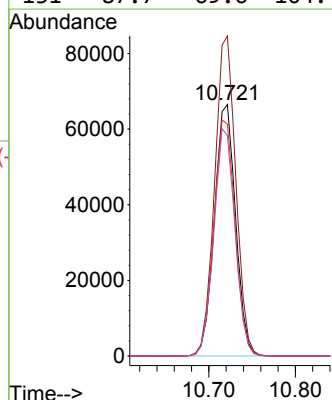
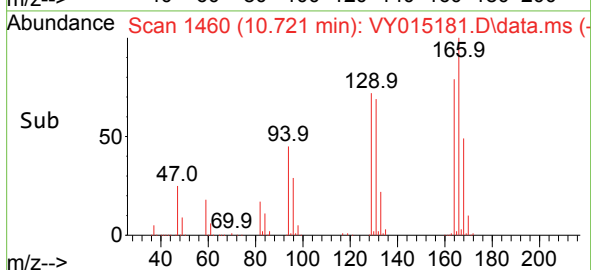
Tgt Ion:117 Resp: 245539
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 33.2 26.3 39.5

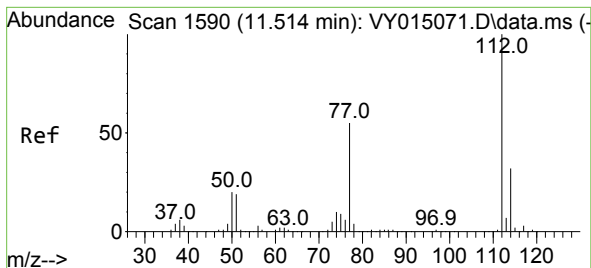


#64
Tetrachloroethene
Concen: 65.953 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49



Tgt Ion:164 Resp: 112823
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.6
129 92.2 77.2 115.8
131 87.7 69.6 104.4





#65

Chlorobenzene

Concen: 50.731 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

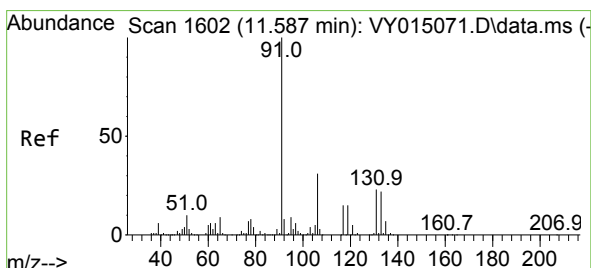
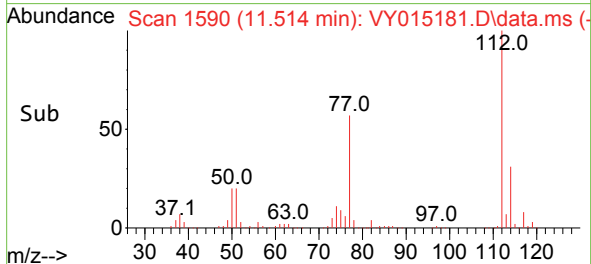
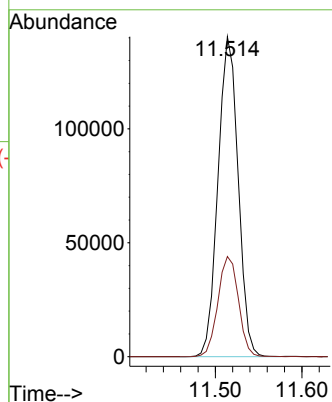
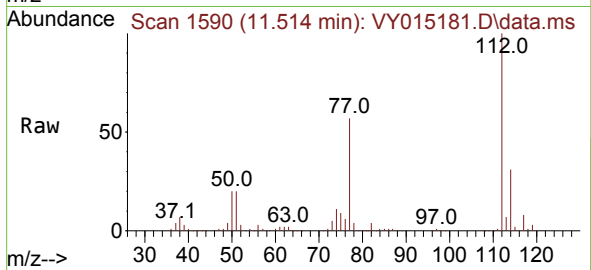
ClientSampleId :

Tgt Ion:112 Resp: 226961

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.889 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

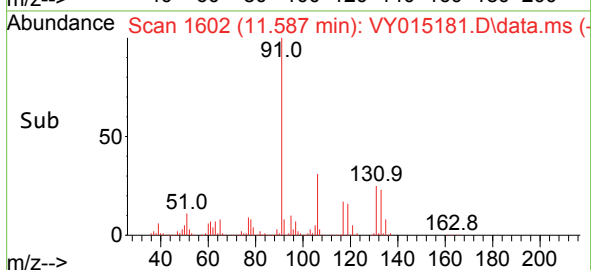
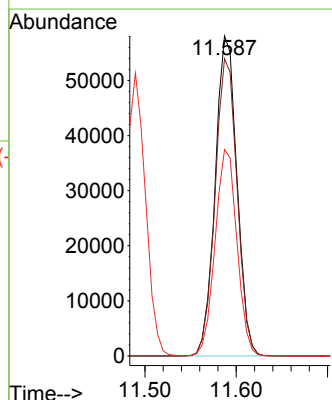
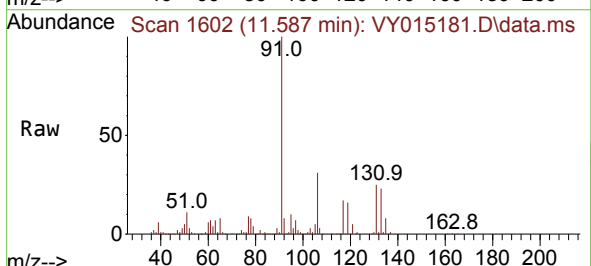
Tgt Ion:131 Resp: 96007

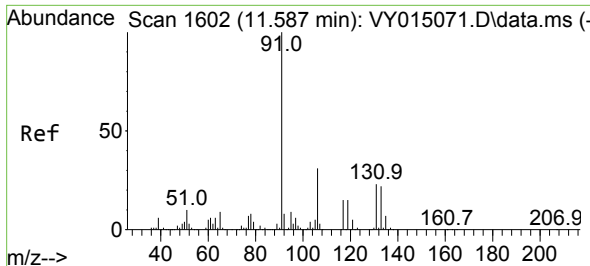
Ion Ratio Lower Upper

131 100

133 94.1 47.5 142.6

119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 50.065 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

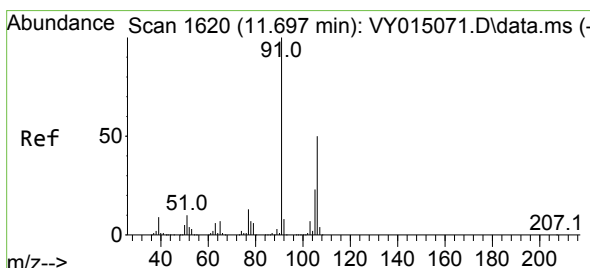
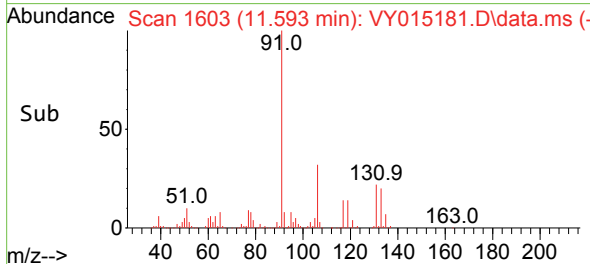
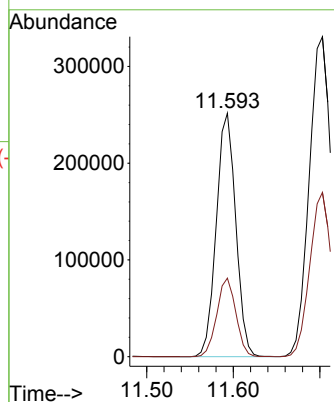
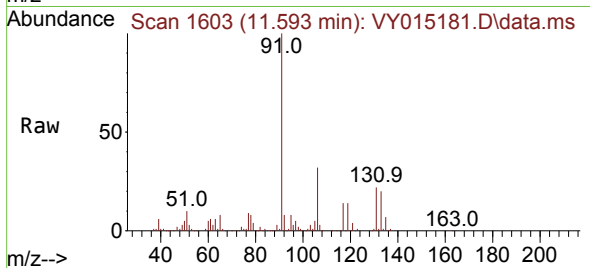
ClientSampleId :

Tgt Ion: 91 Resp: 392434

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 100.795 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015181.D

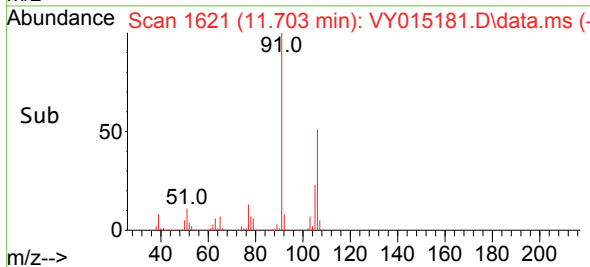
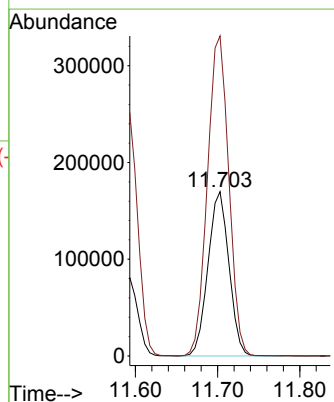
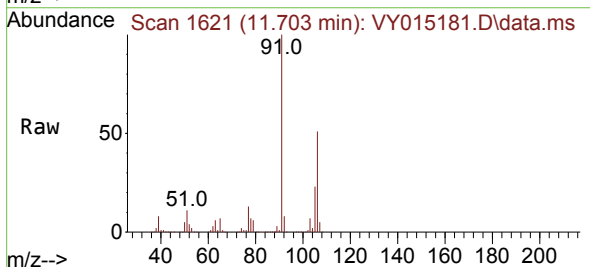
Acq: 17 Aug 2023 18:49

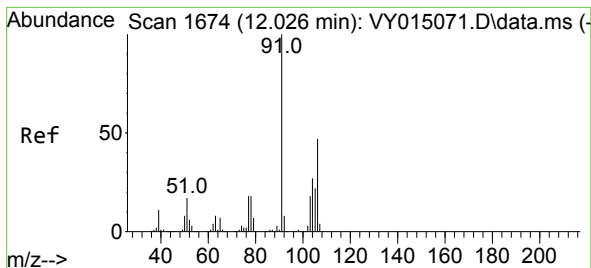
Tgt Ion:106 Resp: 300073

Ion Ratio Lower Upper

106 100

91 199.0 166.1 249.1

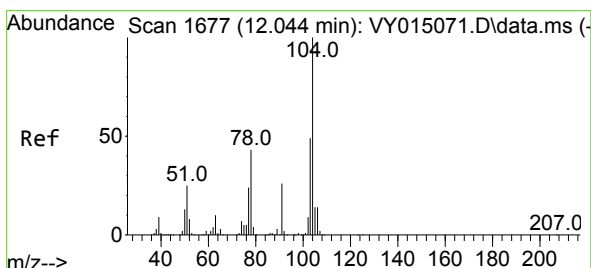
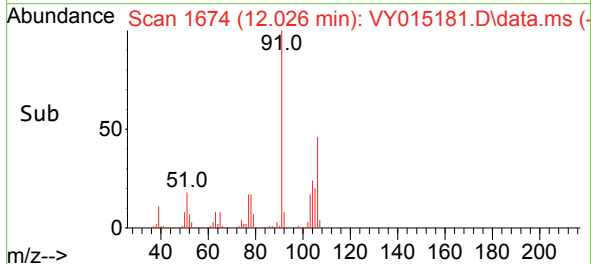
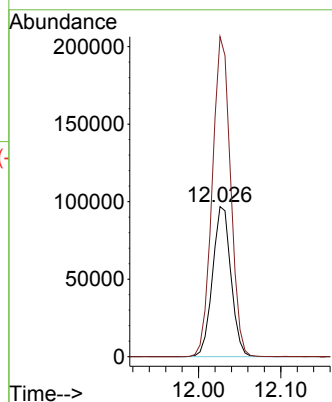
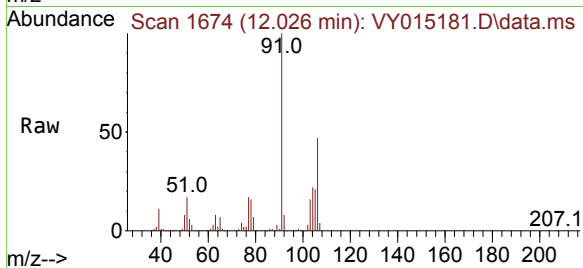




#69
o-Xylene
Concen: 50.769 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

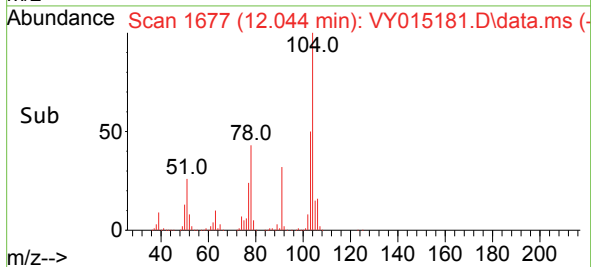
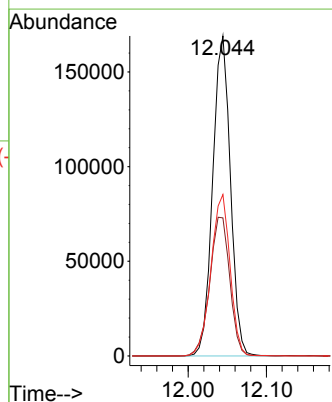
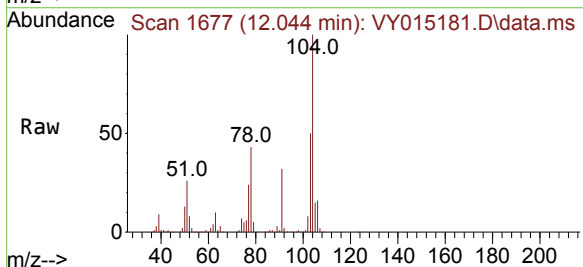
Instrument :
MSVOA_Y
ClientSampleId :

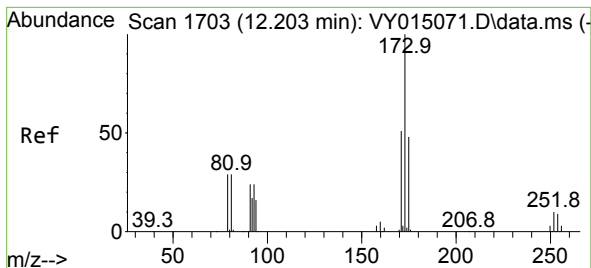
Tgt Ion:106 Resp: 150566
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3



#70
Styrene
Concen: 51.761 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion:104 Resp: 265687
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 51.958 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

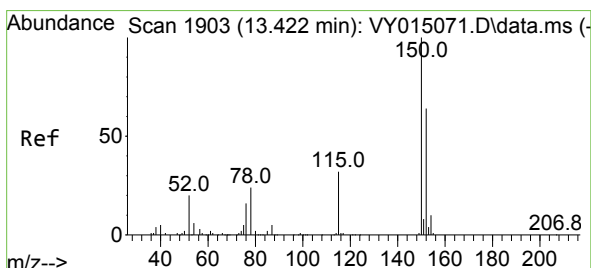
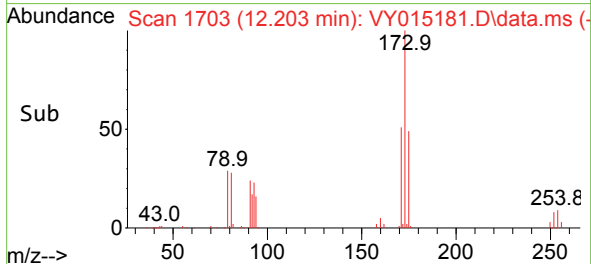
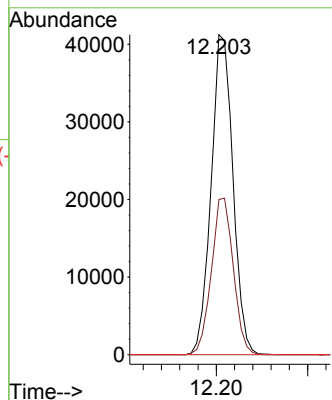
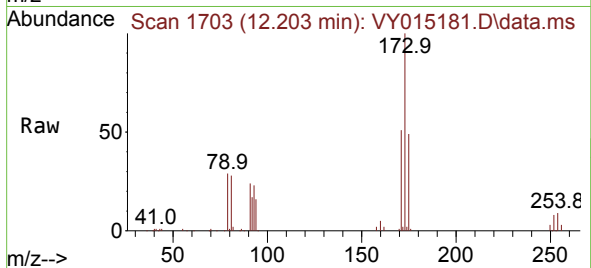
Tgt Ion:173 Resp: 68371

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

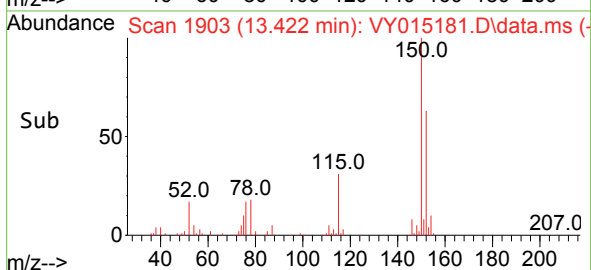
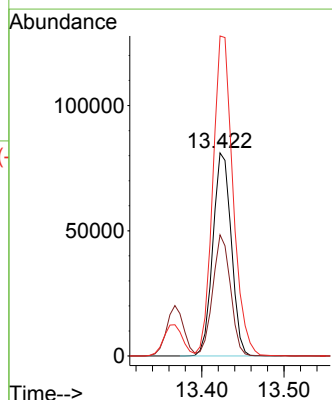
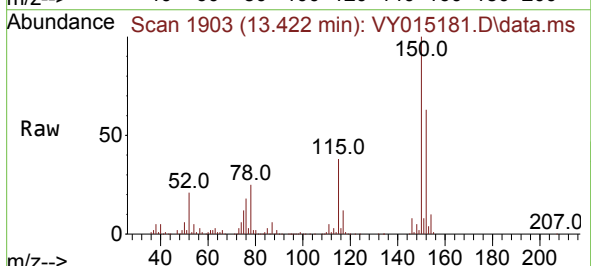
Tgt Ion:152 Resp: 126047

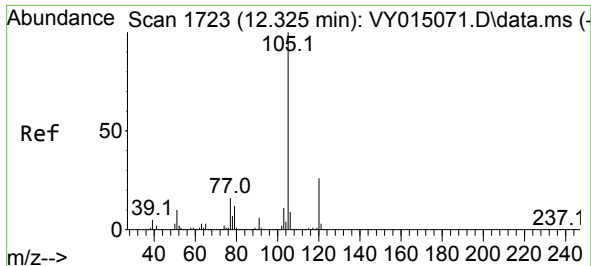
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 172.3 0.0 348.8

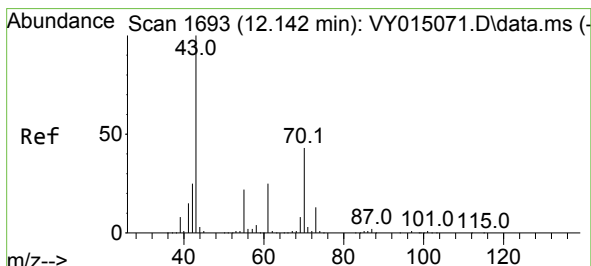
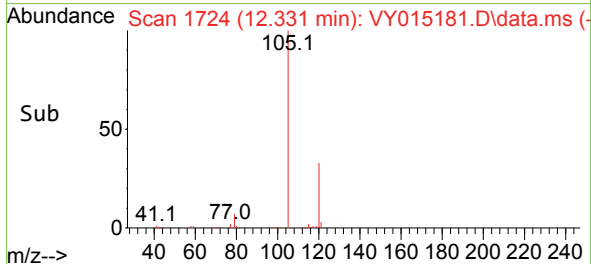
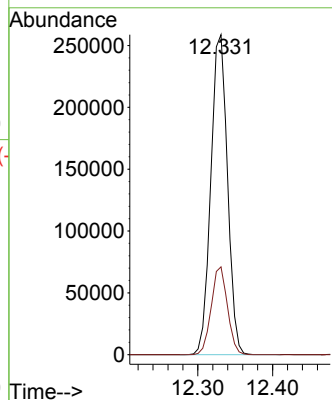
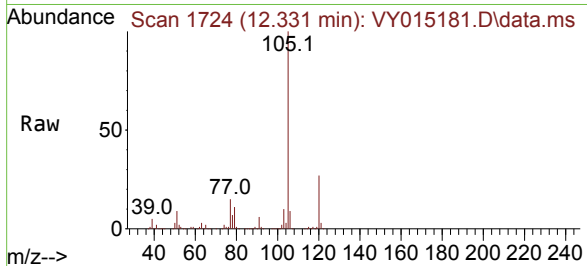




#73
Isopropylbenzene
Concen: 49.445 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

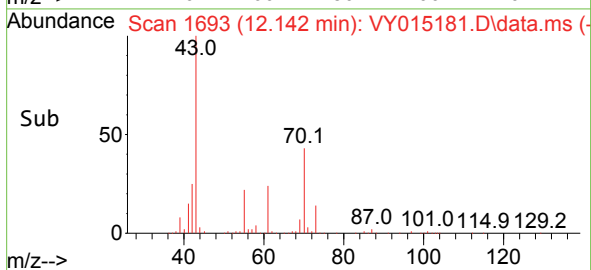
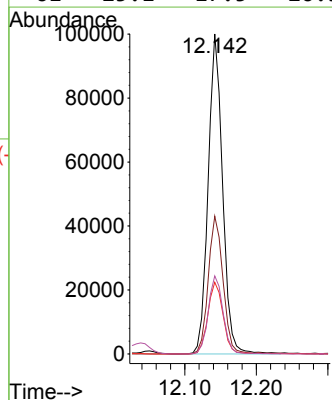
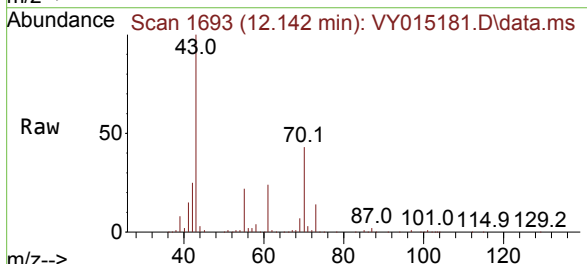
Instrument :
MSVOA_Y
ClientSampleId :

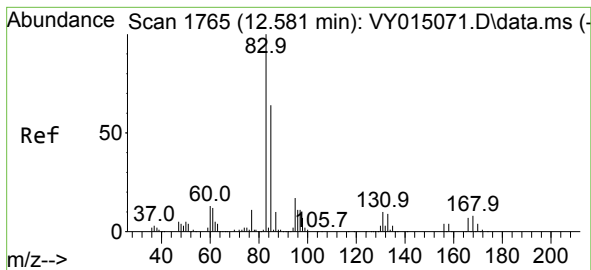
Tgt Ion:105 Resp: 400768
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 47.929 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 43 Resp: 140260
Ion Ratio Lower Upper
43 100
70 44.2 29.7 44.5
55 23.6 18.3 27.5
61 25.1 17.5 26.3

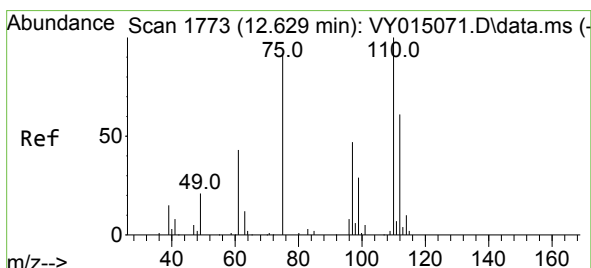
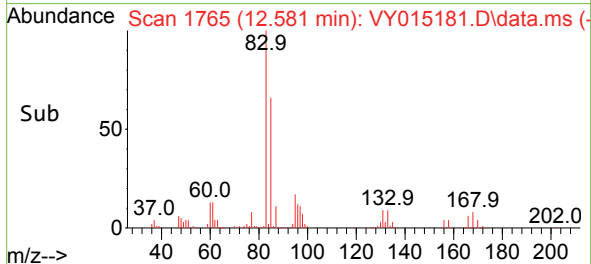
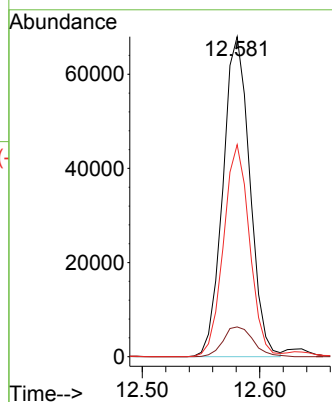
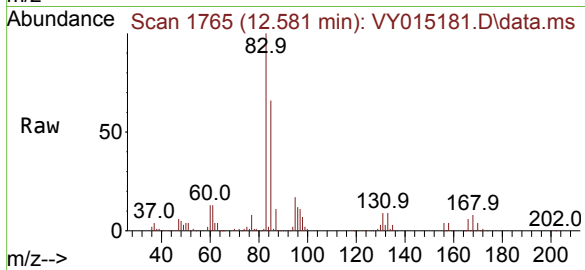




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.228 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

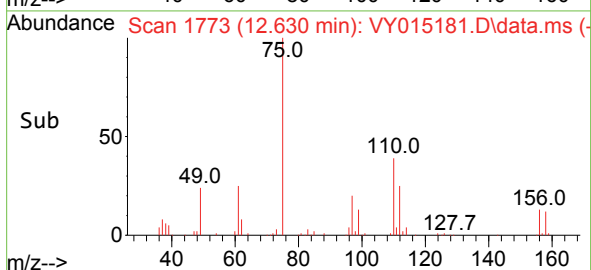
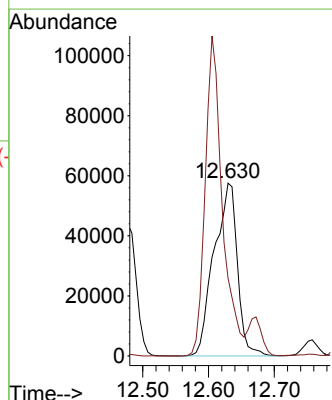
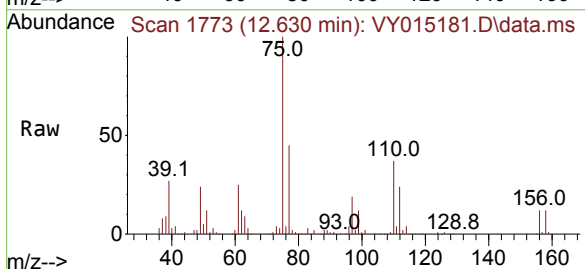
Instrument :
 MSVOA_Y
 ClientSampleId :

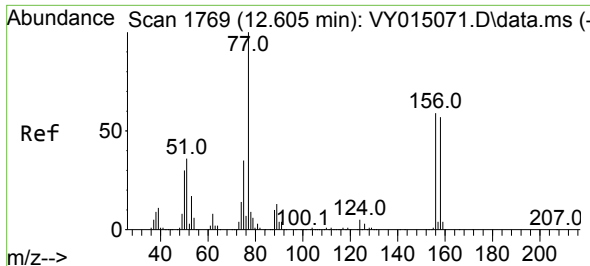
Tgt Ion: 83 Resp: 108141
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.4 16.2
 85 64.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 92.830 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY015181.D
 Acq: 17 Aug 2023 18:49

Tgt Ion: 75 Resp: 142158
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

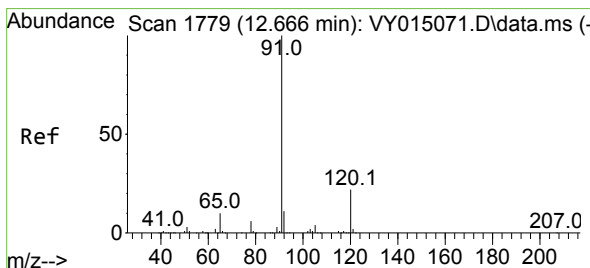
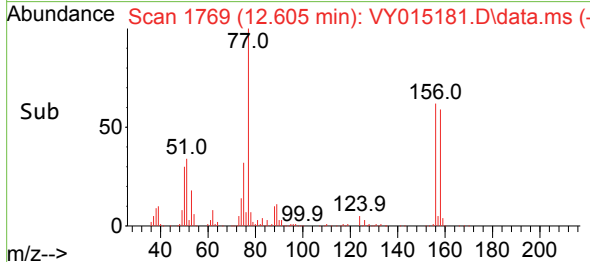
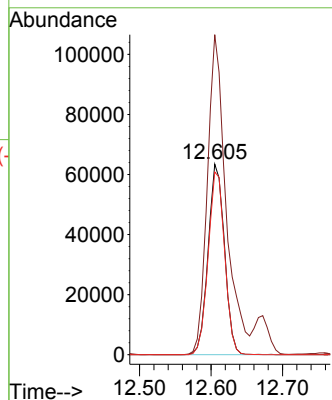
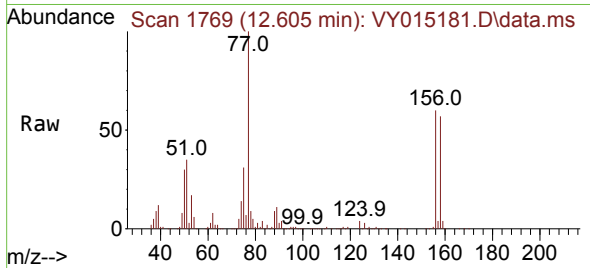




#77
Bromobenzene
Concen: 51.075 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

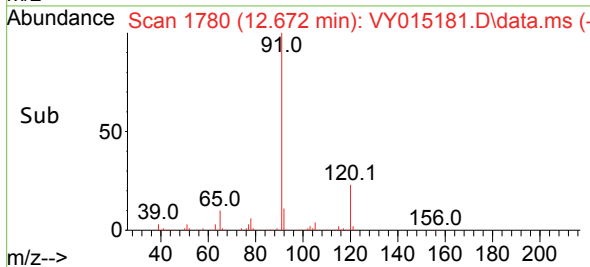
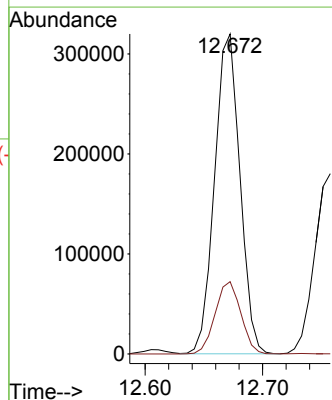
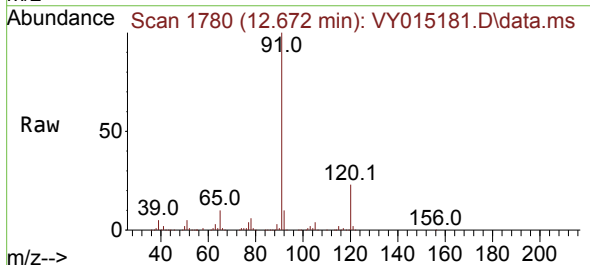
Instrument :
MSVOA_Y
ClientSampleId :

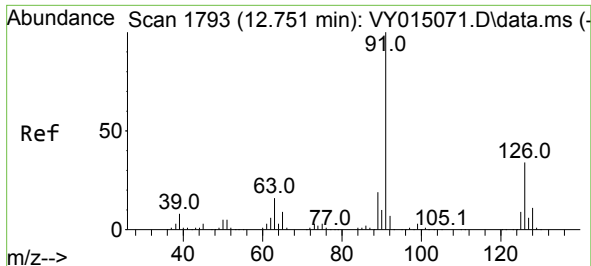
Tgt Ion:156 Resp: 100907
Ion Ratio Lower Upper
156 100
77 192.1 92.8 278.6
158 96.9 48.4 145.3



#78
n-propylbenzene
Concen: 49.785 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 91 Resp: 479173
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

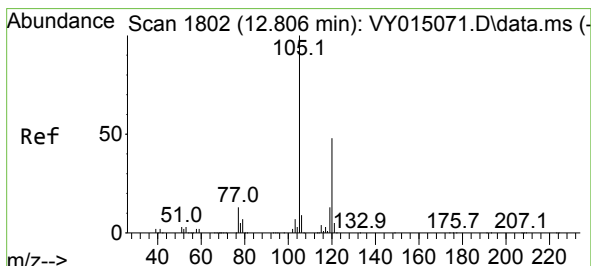
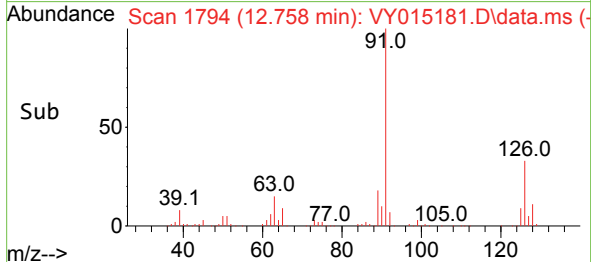
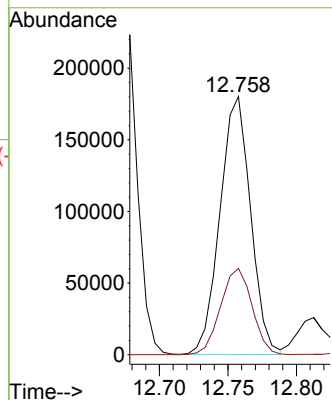
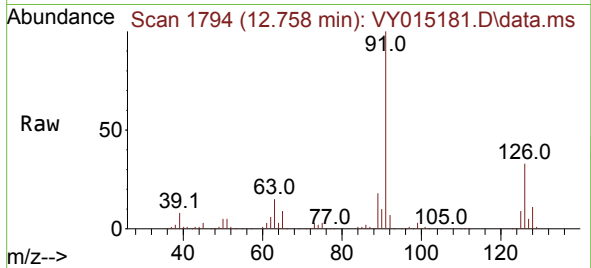




#79
2-Chlorotoluene
Concen: 50.504 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

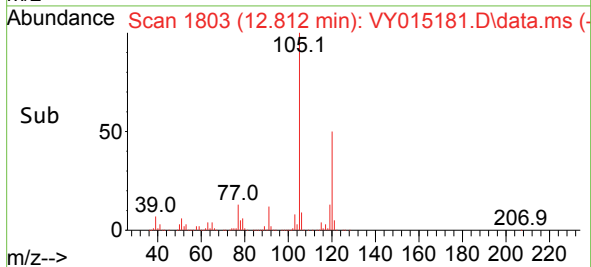
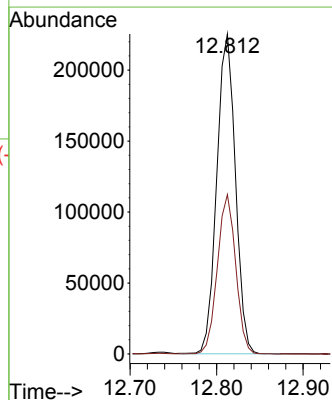
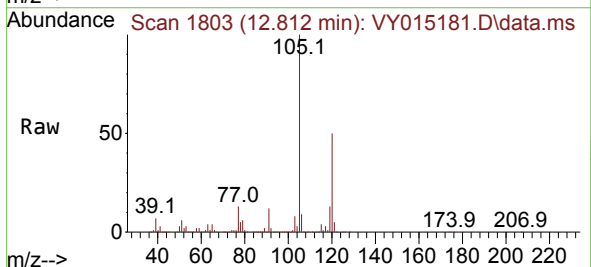
Instrument :
MSVOA_Y
ClientSampleId :

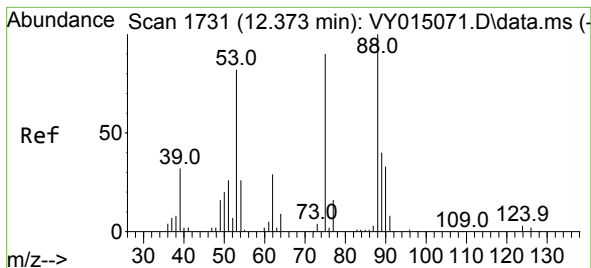
Tgt Ion: 91 Resp: 280420
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.781 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 105 Resp: 336332
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

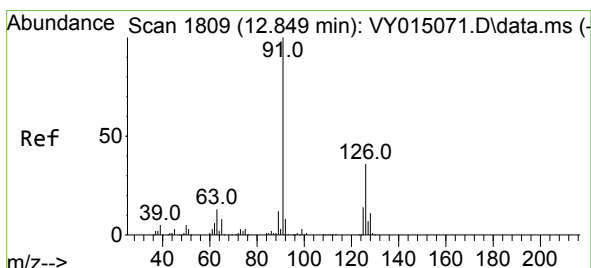
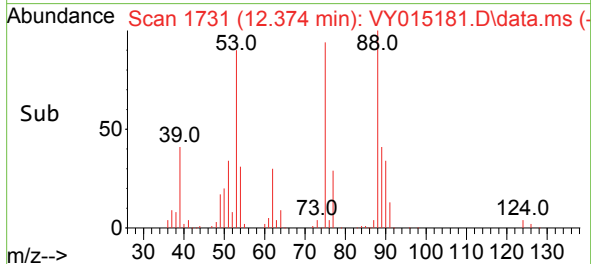
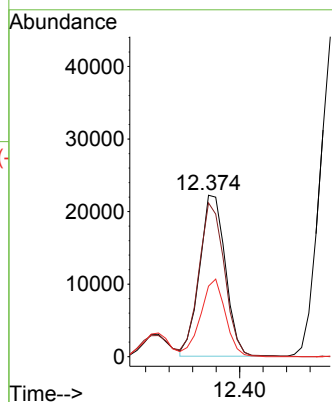
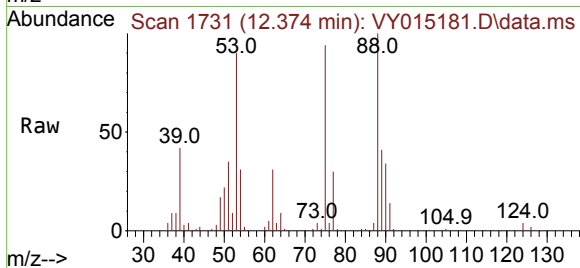




#81
trans-1,4-Dichloro-2-butene
Concen: 48.539 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

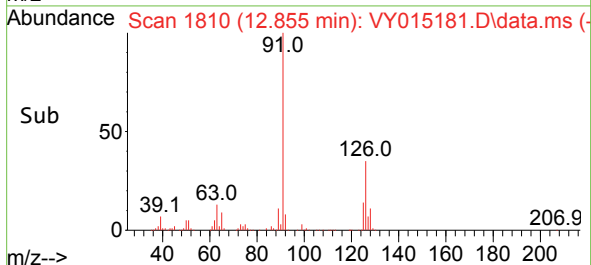
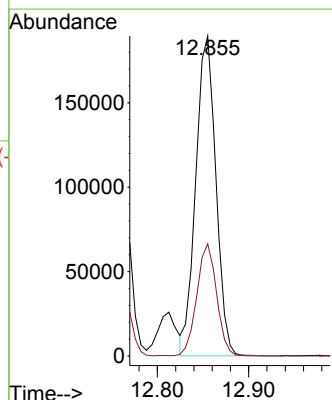
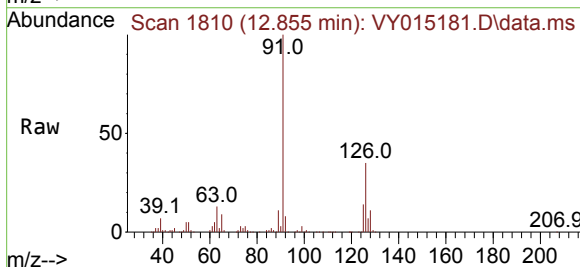
Instrument :
MSVOA_Y
ClientSampleId :

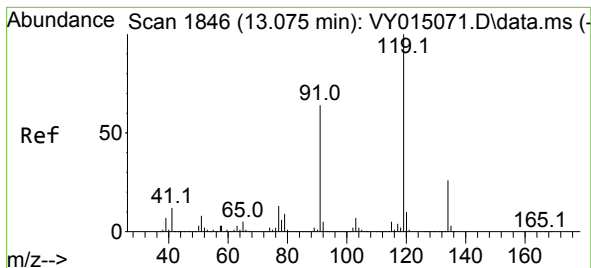
Tgt Ion: 75 Resp: 33841
Ion Ratio Lower Upper
75 100
53 95.4 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.509 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015181.D
Acq: 17 Aug 2023 18:49

Tgt Ion: 91 Resp: 289734
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.195 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

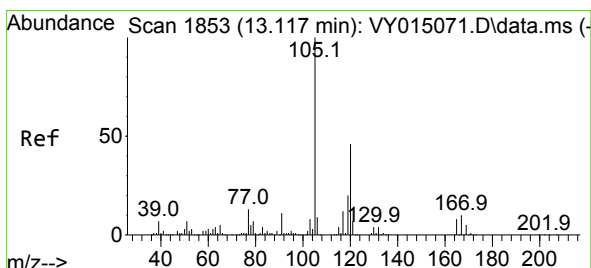
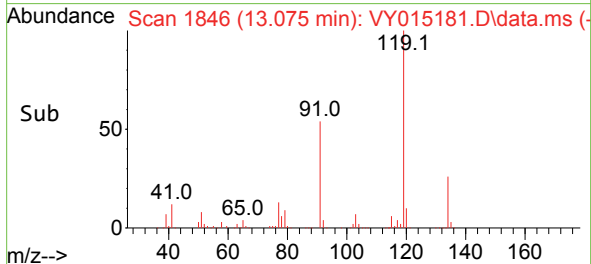
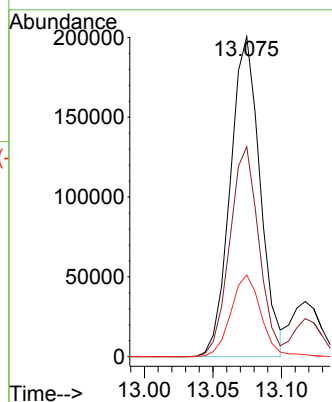
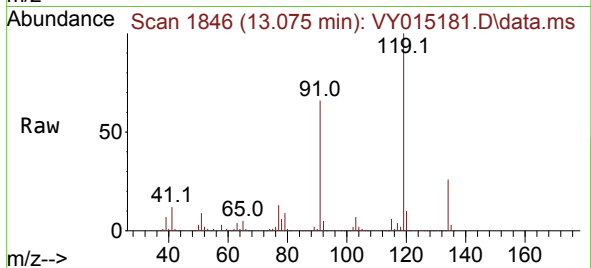
Tgt Ion:119 Resp: 304015

Ion Ratio Lower Upper

119 100

91 64.3 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.068 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015181.D

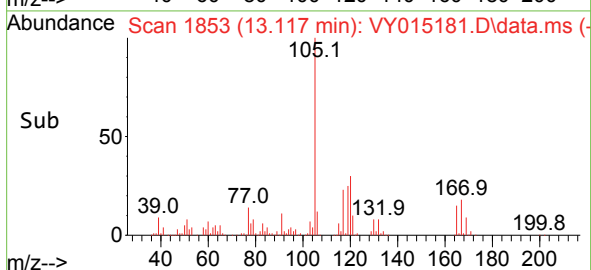
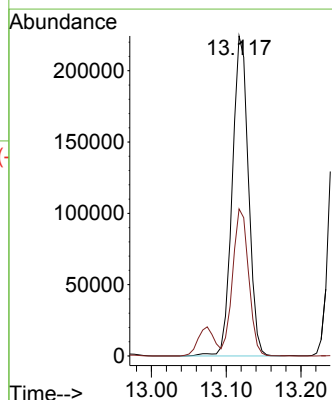
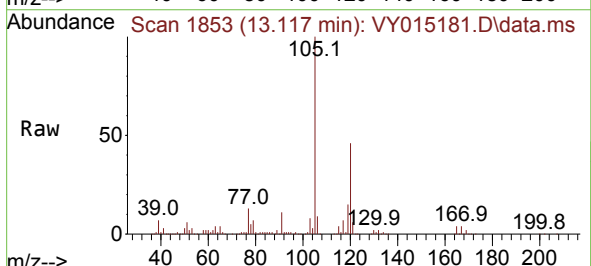
Acq: 17 Aug 2023 18:49

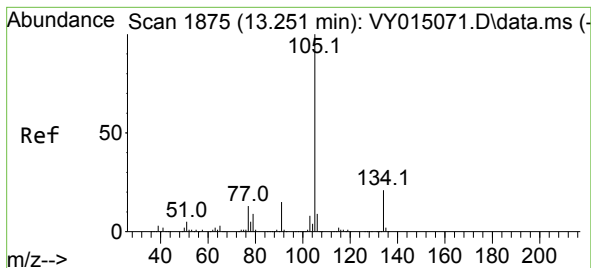
Tgt Ion:105 Resp: 338023

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.359 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

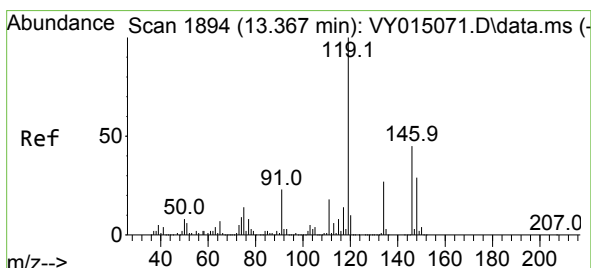
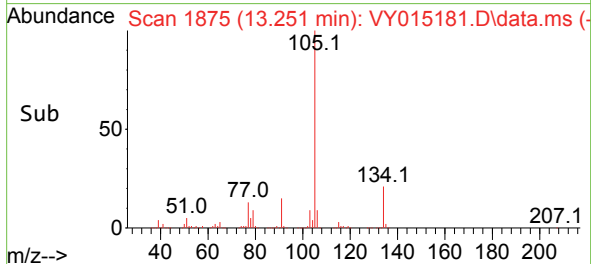
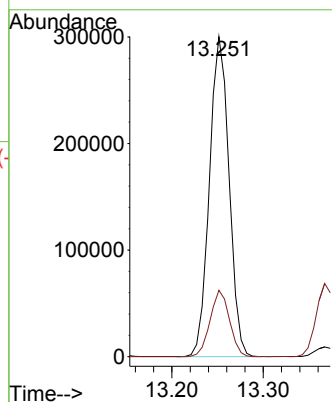
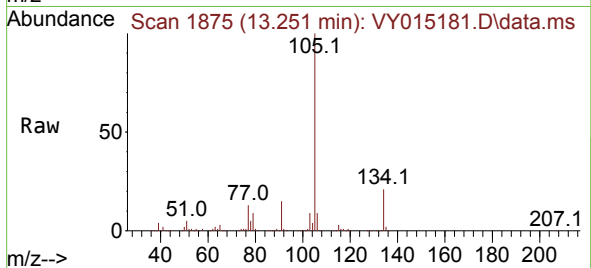
ClientSampleId :

Tgt Ion:105 Resp: 446933

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.266 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

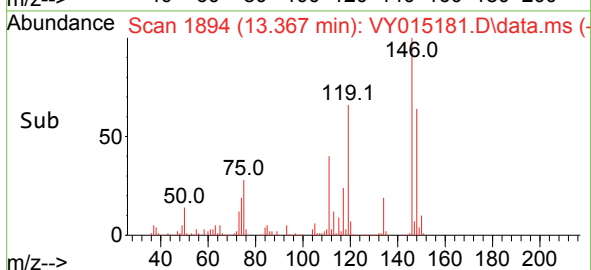
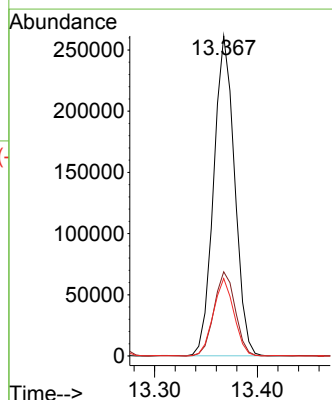
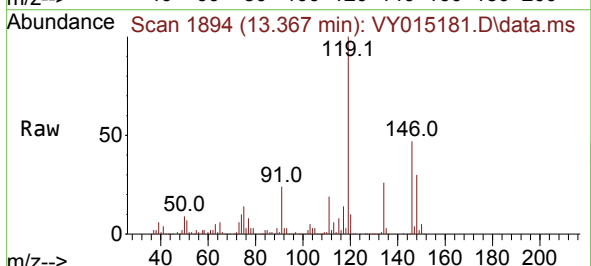
Tgt Ion:119 Resp: 369846

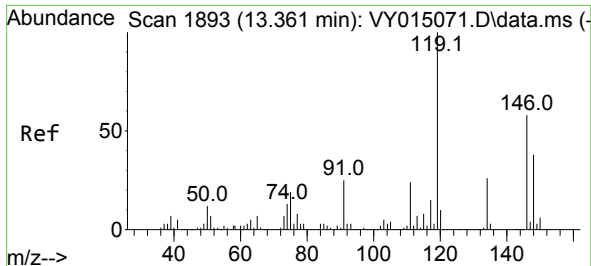
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.490 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

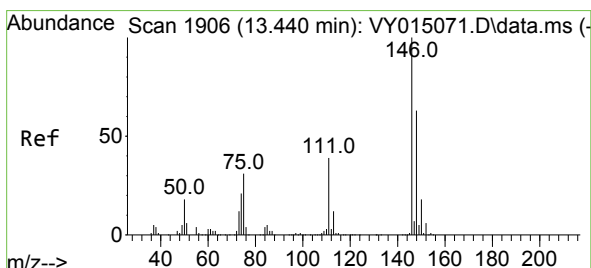
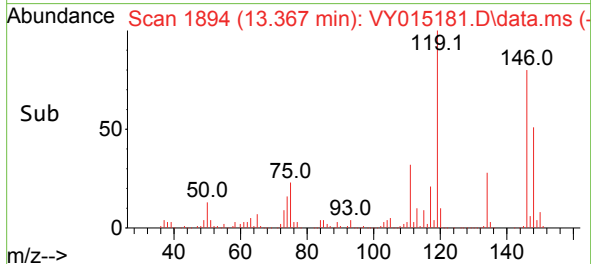
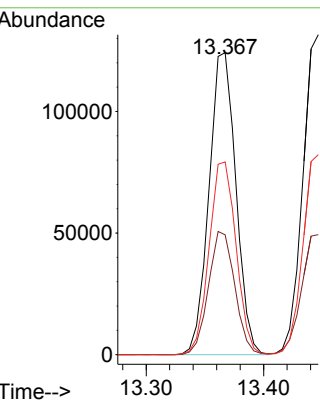
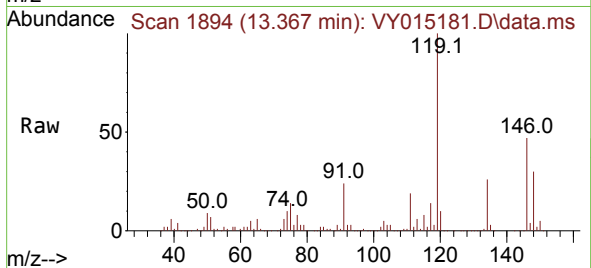
Tgt Ion:146 Resp: 197851

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.680 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

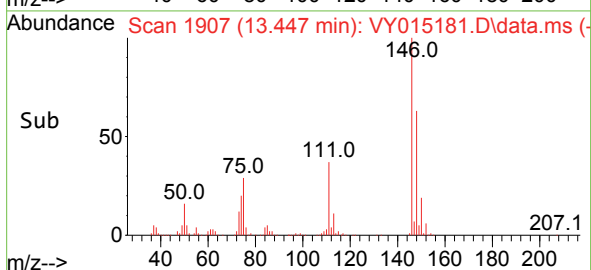
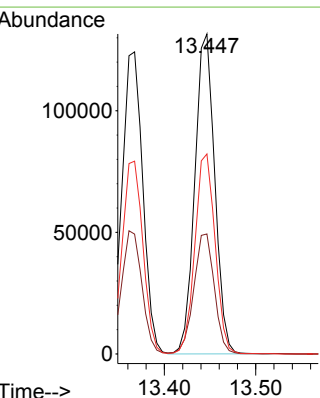
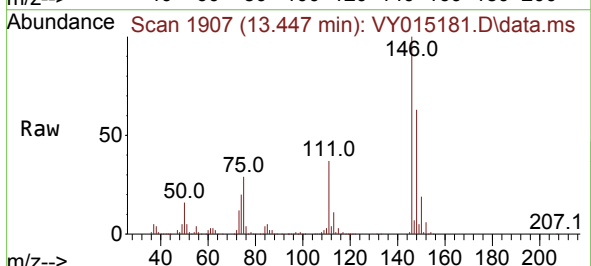
Tgt Ion:146 Resp: 199191

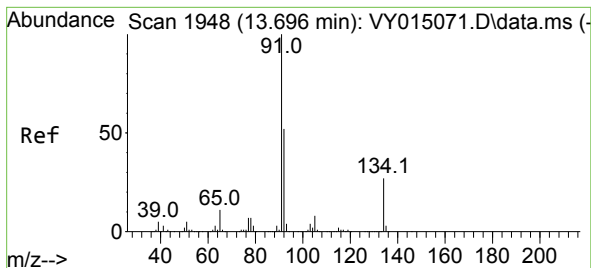
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 48.584 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

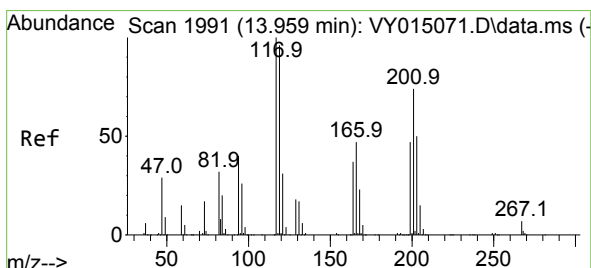
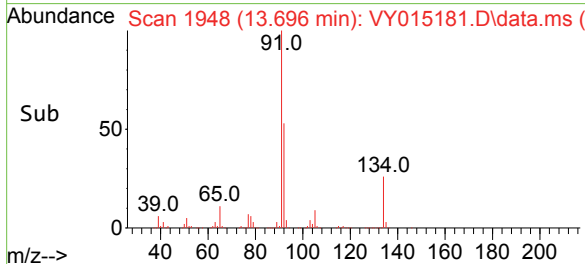
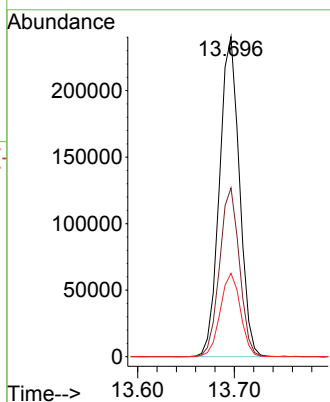
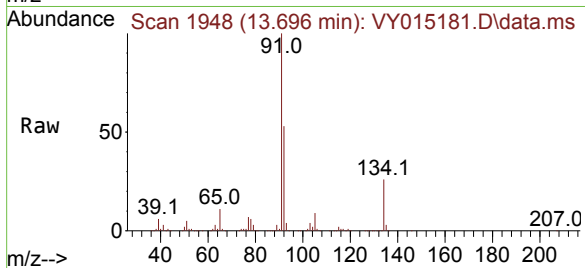
Tgt Ion: 91 Resp: 343888

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 49.869 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015181.D

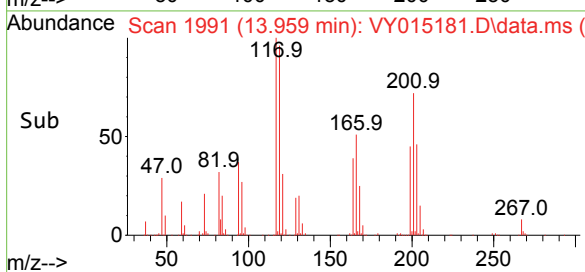
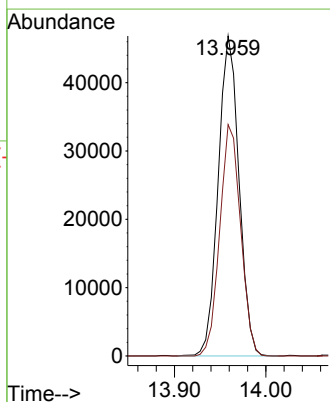
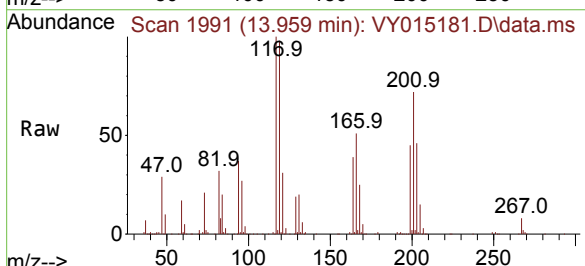
Acq: 17 Aug 2023 18:49

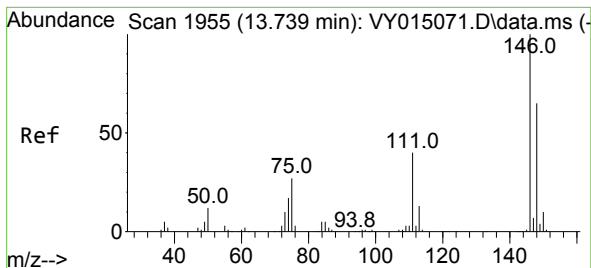
Tgt Ion: 117 Resp: 74269

Ion Ratio Lower Upper

117 100

201 72.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.120 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

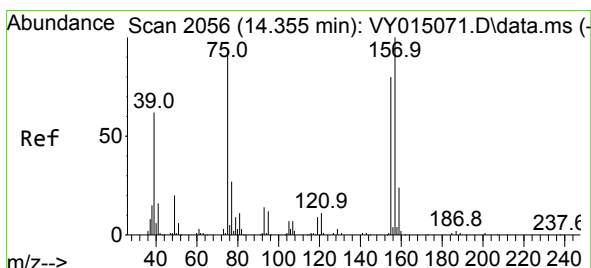
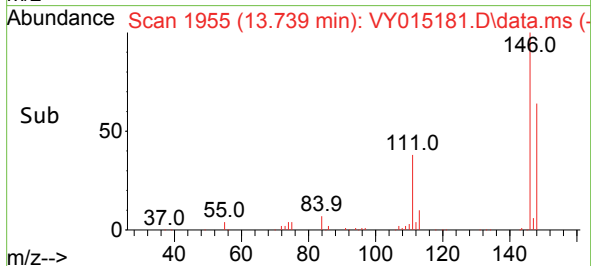
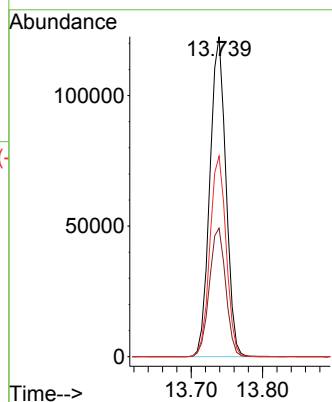
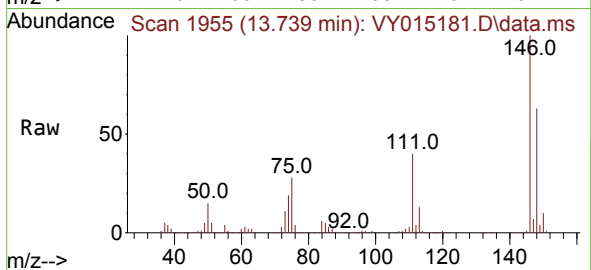
Tgt Ion:146 Resp: 190799

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.579 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

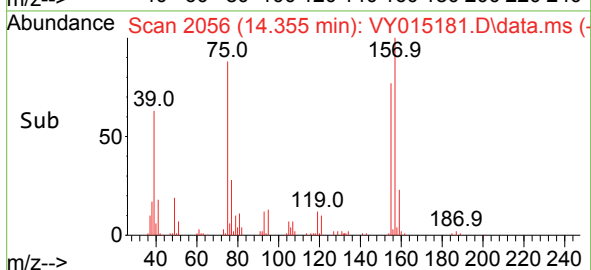
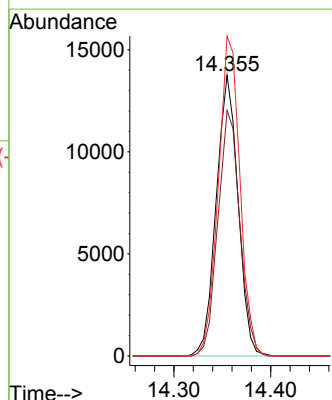
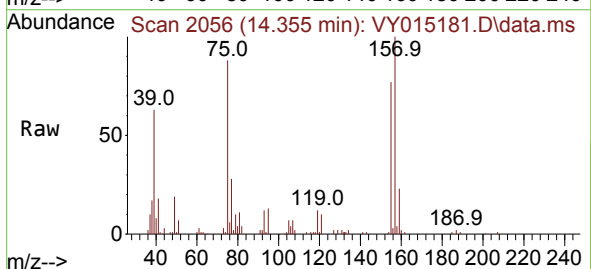
Tgt Ion: 75 Resp: 21501

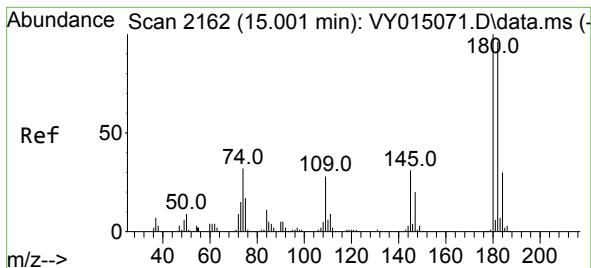
Ion Ratio Lower Upper

75 100

155 87.8 41.5 124.6

157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.698 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

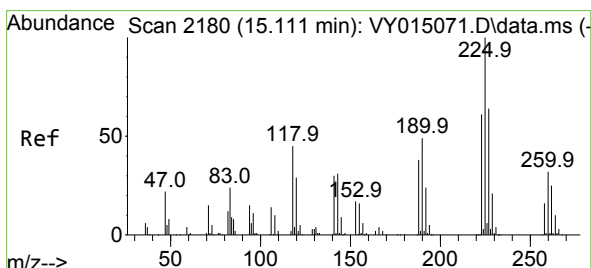
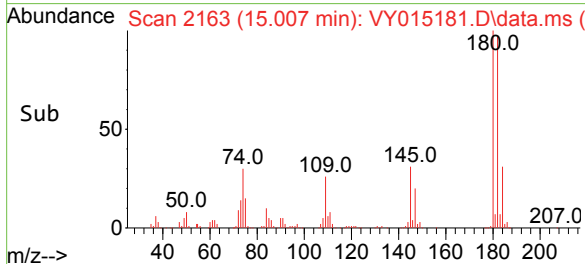
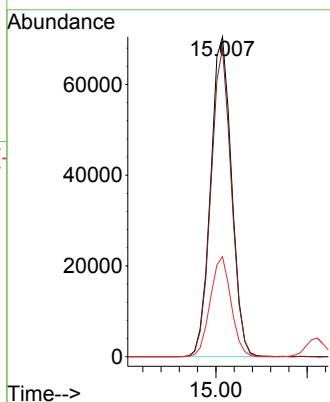
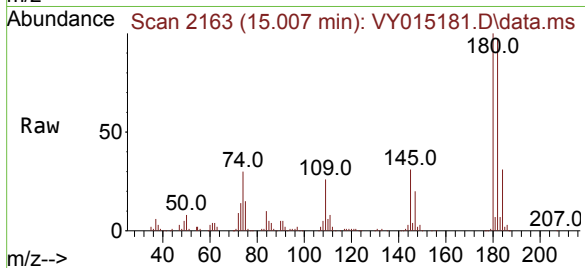
Tgt Ion:180 Resp: 112099

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.358 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

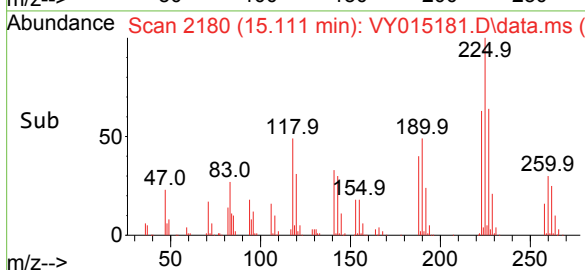
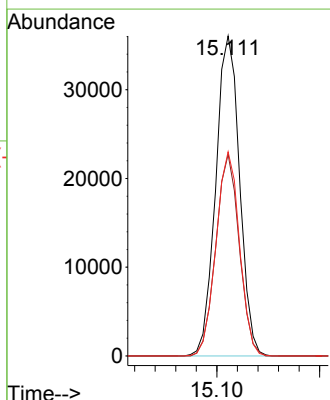
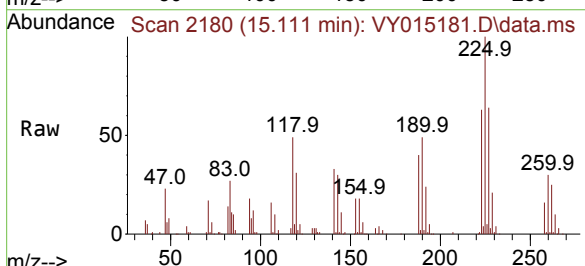
Tgt Ion:225 Resp: 57985

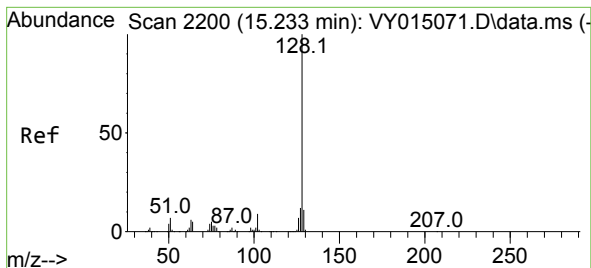
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 51.631 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

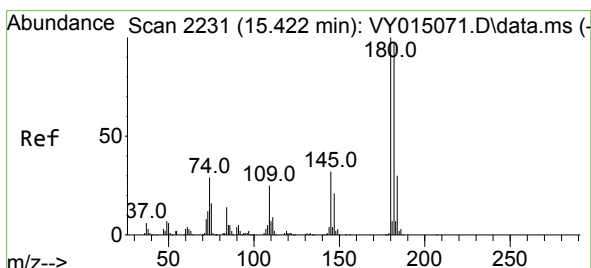
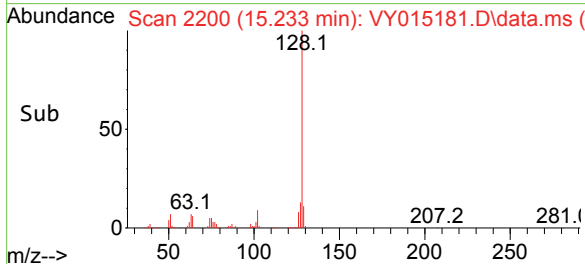
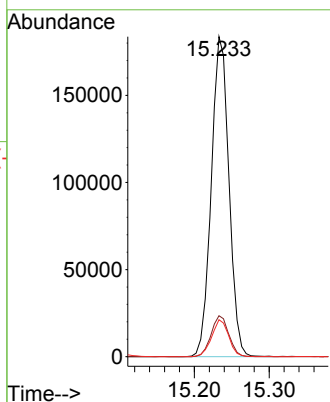
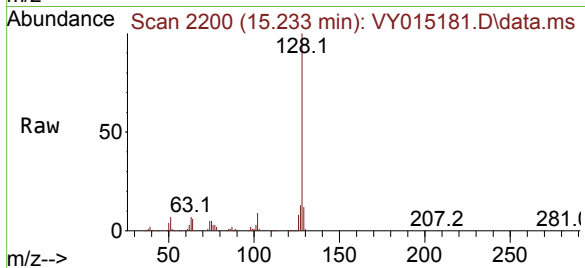
Tgt Ion:128 Resp: 302273

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.199 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015181.D

Acq: 17 Aug 2023 18:49

Tgt Ion:180 Resp: 102301

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 32.6 15.4 46.2

