

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016198.D
 Acq On : 02 Nov 2023 18:17
 Operator : SY/MD
 Sample : 05220-06MSD
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 03:19:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	143121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	234728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67728	50.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.734	113	68738	49.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.191	98	278831	50.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.489	95	78518	41.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	48825	53.480	ug/l	98
3) Chloromethane	2.119	50	63648	50.354	ug/l	100
4) Vinyl Chloride	2.259	62	69309	53.126	ug/l	97
5) Bromomethane	2.662	94	44484	50.525	ug/l	100
6) Chloroethane	2.808	64	48265	52.549	ug/l	97
7) Trichlorofluoromethane	3.137	101	107434	54.547	ug/l	98
8) Diethyl Ether	3.540	74	34230	52.437	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.911	101	63690	51.331	ug/l	97
10) Methyl Iodide	4.107	142	68875	49.919	ug/l	97
11) Tert butyl alcohol	4.960	59	22962	229.481	ug/l #	83
12) 1,1-Dichloroethene	3.887	96	56860	50.208	ug/l	90
13) Acrolein	3.735	56	231	Below Cal		87
14) Allyl chloride	4.497	41	82073	50.666	ug/l #	93
15) Acrylonitrile	5.180	53	68311	244.894	ug/l	99
16) Acetone	3.954	43	58042	273.278	ug/l	89
17) Carbon Disulfide	4.210	76	122869	43.457	ug/l	100
18) Methyl Acetate	4.485	43	55195	51.248	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	171716	53.306	ug/l	99
20) Methylene Chloride	4.728	84	77531	57.367	ug/l	90
21) trans-1,2-Dichloroethene	5.241	96	60177	45.618	ug/l	94
22) Diisopropyl ether	6.137	45	224117	57.202	ug/l	87
23) Vinyl Acetate	6.076	43	454830	236.437	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	129089	55.051	ug/l	95
25) 2-Butanone	6.996	43	89644	242.622	ug/l	96
26) 2,2-Dichloropropane	6.996	77	119812	54.051	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	78596	50.628	ug/l	94
28) Bromochloromethane	7.344	49	1284	1.463	ug/l #	78
29) Tetrahydrofuran	7.362	42	59560	257.155	ug/l	91
30) Chloroform	7.521	83	139543	54.660	ug/l	96
31) Cyclohexane	7.801	56	93346	45.342	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	127455	54.439	ug/l	98
36) 1,1-Dichloropropene	7.935	75	89948	44.513	ug/l	99
37) Ethyl Acetate	7.088	43	42263	46.958	ug/l #	95
38) Carbon Tetrachloride	7.917	117	107681	53.788	ug/l	98
39) Methylcyclohexane	9.197	83	90451	37.500	ug/l	92
40) Benzene	8.173	78	297800	51.334	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	24410	46.725	ug/l #	88
42) 1,2-Dichloroethane	8.252	62	78709	48.618	ug/l	94
43) Isopropyl Acetate	8.283	43	87409	49.099	ug/l	93
44) Trichloroethene	8.953	130	76415	45.012	ug/l	97
45) 1,2-Dichloropropane	9.228	63	73814	52.893	ug/l	98
46) Dibromomethane	9.319	93	35430	44.754	ug/l	98
47) Bromodichloromethane	9.508	83	103272	51.343	ug/l	98
48) Methyl methacrylate	9.301	41	39155	48.367	ug/l	90
49) 1,4-Dioxane	9.307	88	8459	884.801	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	215504	242.603	ug/l	92
52) Toluene	10.258	92	188305	50.092	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	85257	42.460	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	107283	45.533	ug/l #	90
55) 1,1,2-Trichloroethane	10.654	97	55168	49.541	ug/l	95
56) Ethyl methacrylate	10.520	69	71006	49.098	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	90028	47.489	ug/l	98
59) 2-Hexanone	10.843	43	145777	239.483	ug/l	91
60) Dibromochloromethane	10.996	129	66575	47.654	ug/l	99
61) 1,2-Dibromoethane	11.099	107	46776	44.161	ug/l	99
64) Tetrachloroethene	10.733	164	77735	47.521	ug/l	98
65) Chlorobenzene	11.526	112	184299	50.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	75919	56.099	ug/l	98
67) Ethyl Benzene	11.605	91	336048	51.422	ug/l	99
68) m/p-Xylenes	11.715	106	256795	101.690	ug/l	95
69) o-Xylene	12.038	106	126309	52.386	ug/l	97
70) Styrene	12.056	104	193824	48.356	ug/l	98
71) Bromoform	12.221	173	38938	51.865	ug/l #	98
73) Isopropylbenzene	12.337	105	314354	62.129	ug/l	100
74) N-amyl acetate	12.154	43	72009	65.492	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	53832	66.862	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	69536	109.472	ug/l #	100
77) Bromobenzene	12.617	156	67308	58.750	ug/l	96
78) n-propylbenzene	12.678	91	338436	56.577	ug/l	99
79) 2-Chlorotoluene	12.764	91	198847	59.600	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	238748	58.243	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	16828	57.442	ug/l	93
82) 4-Chlorotoluene	12.861	91	188542	55.033	ug/l	98
83) tert-Butylbenzene	13.081	119	209690	57.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	235006	57.938	ug/l	98
85) sec-Butylbenzene	13.263	105	264904	49.209	ug/l	100
86) p-Isopropyltoluene	13.379	119	219182	49.126	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	114367	50.475	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	529549	236.462	ug/l	100
89) n-Butylbenzene	13.702	91	166339	40.575	ug/l	98
90) Hexachloroethane	13.971	117	39553	51.443	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	107281	54.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8169	56.694	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	37997	31.446	ug/l	98
94) Hexachlorobutadiene	15.117	225	13925	21.089	ug/l	97
95) Naphthalene	15.245	128	124312	52.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32805	31.782	ug/l	98

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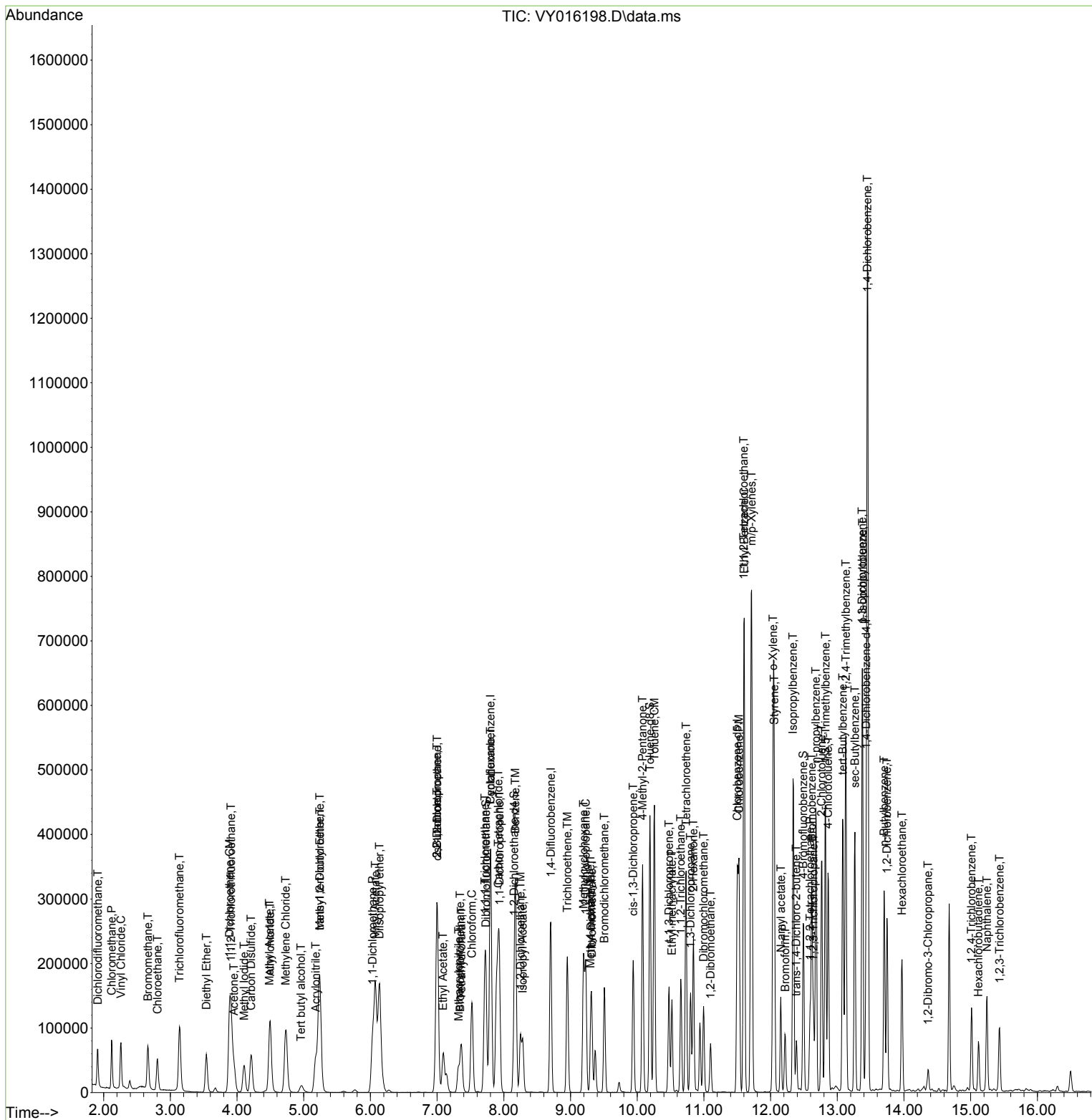
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ClientSampleId :

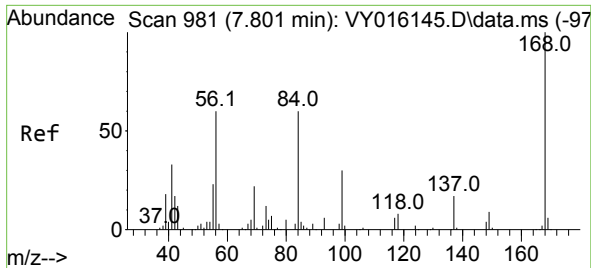
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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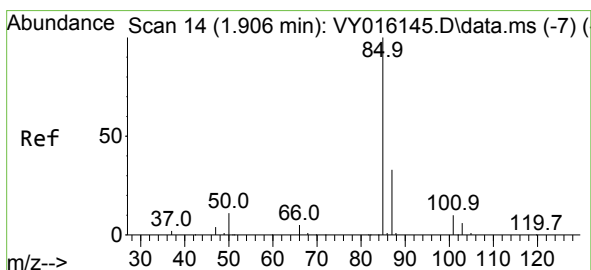
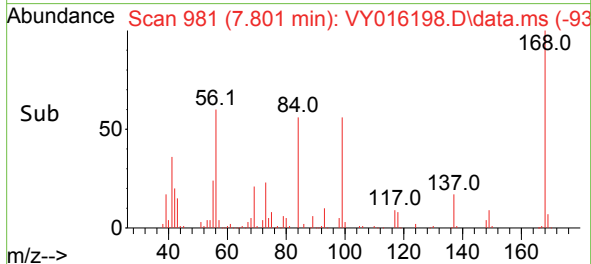
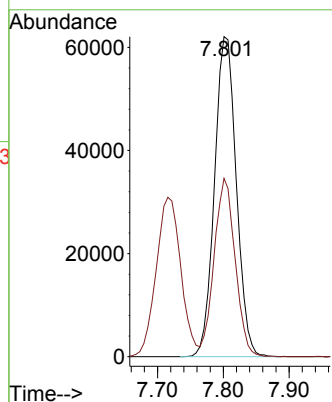
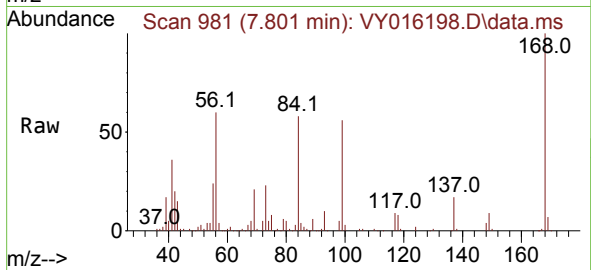




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016198.D
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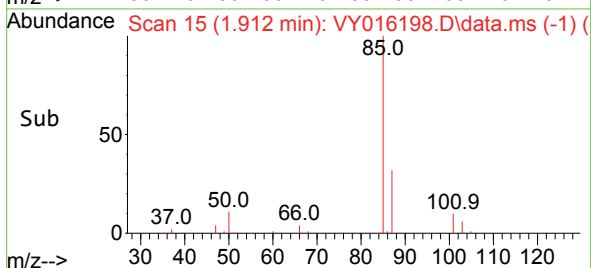
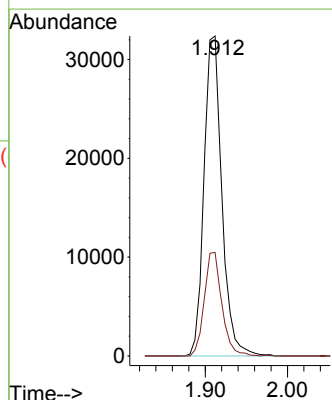
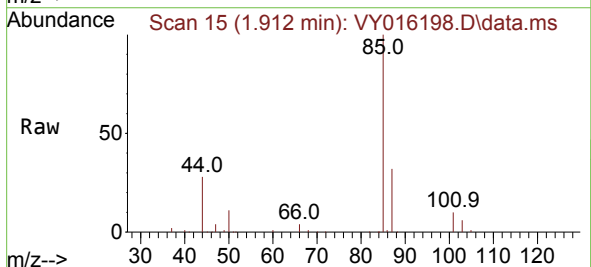
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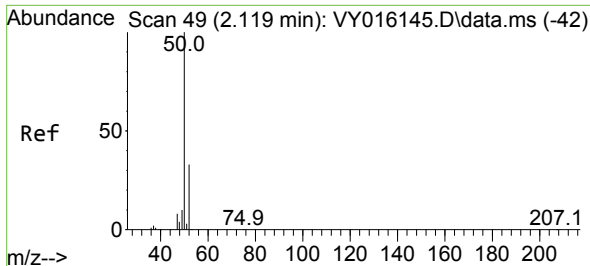
Tgt Ion:168 Resp: 143121
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 53.480 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 85 Resp: 48825
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8

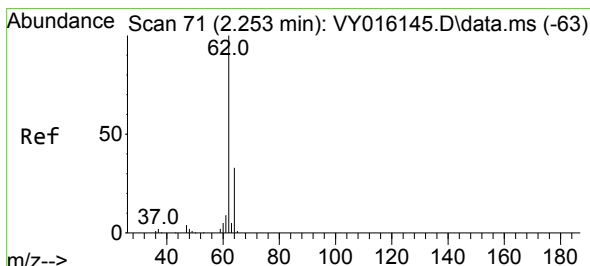
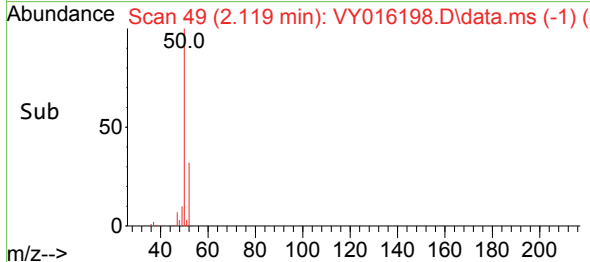
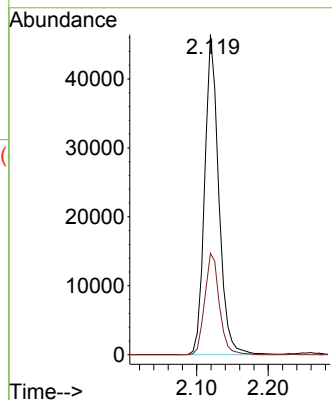
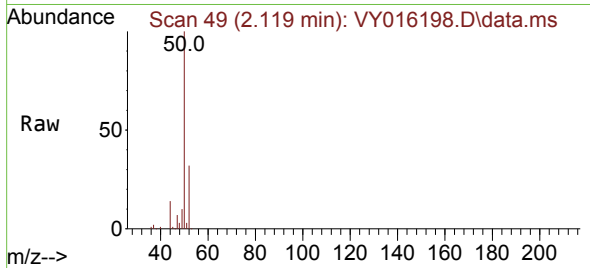




#3
Chloromethane
Concen: 50.354 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

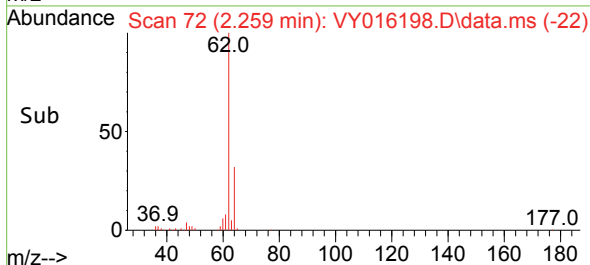
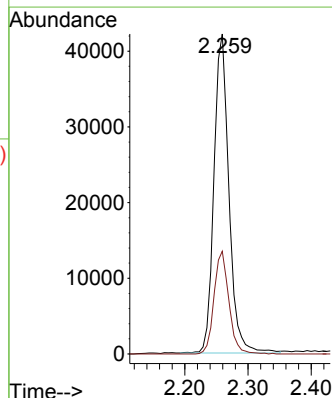
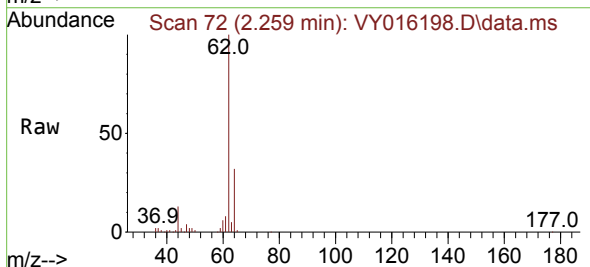
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MSVOA_Y
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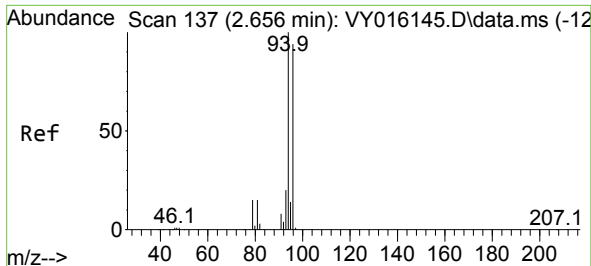
Tgt Ion: 50 Resp: 63648
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 53.126 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 62 Resp: 69309
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5

Bromomethane

Concen: 50.525 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

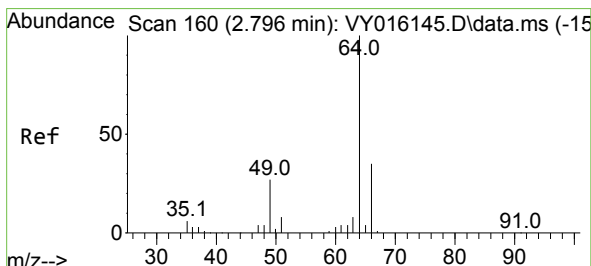
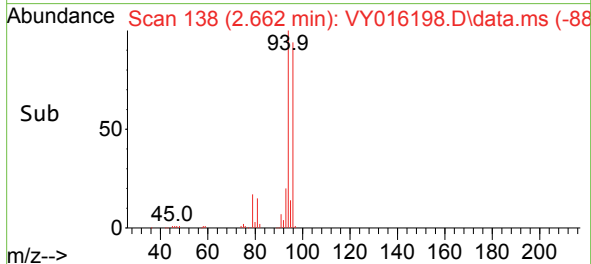
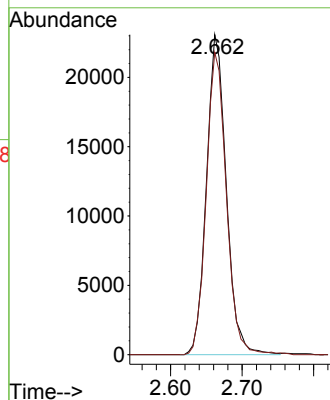
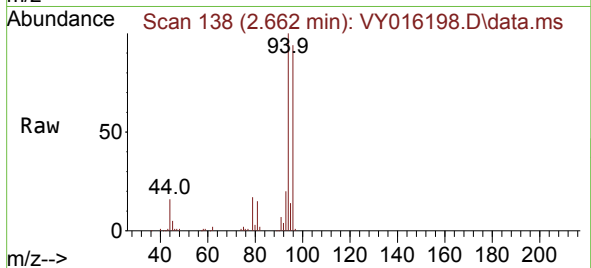
ClientSampleId :

Tgt Ion: 94 Resp: 44484

Ion Ratio Lower Upper

94 100

96 94.5 75.8 113.6



#6

Chloroethane

Concen: 52.549 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY016198.D

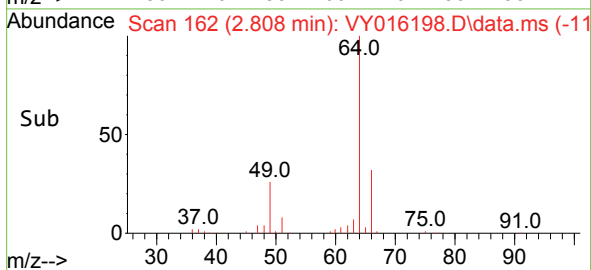
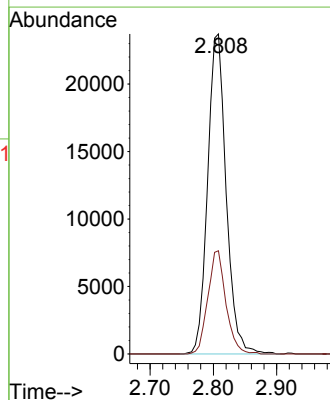
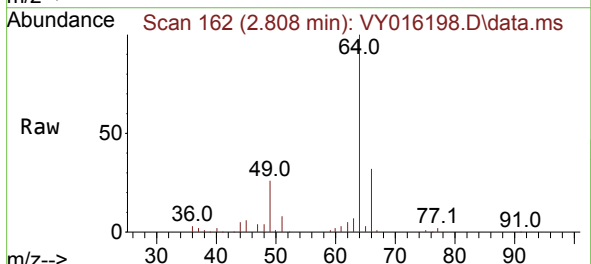
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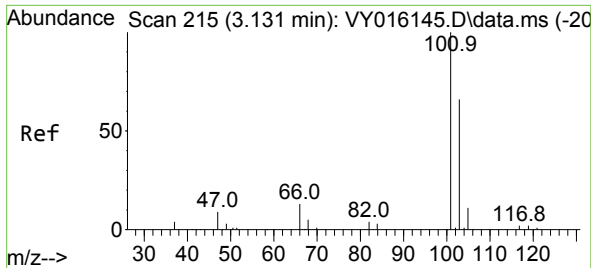
Tgt Ion: 64 Resp: 48265

Ion Ratio Lower Upper

64 100

66 32.3 24.4 36.6

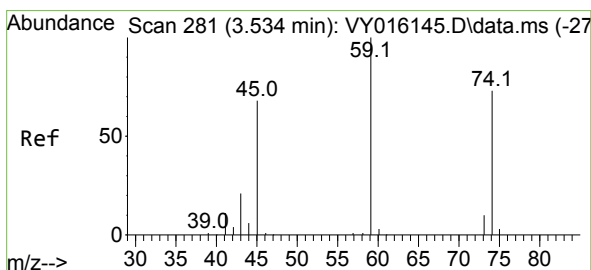
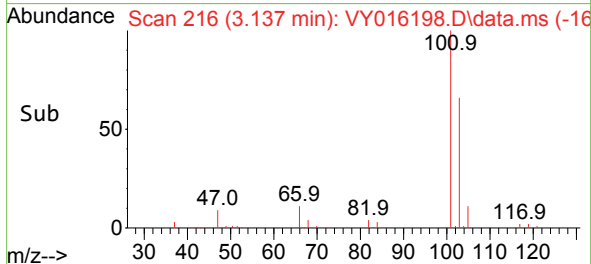
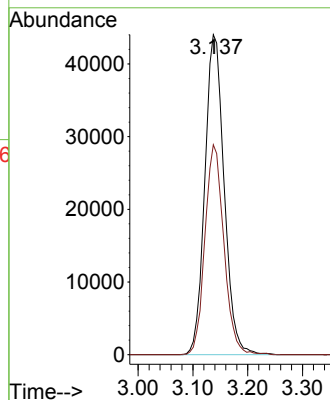
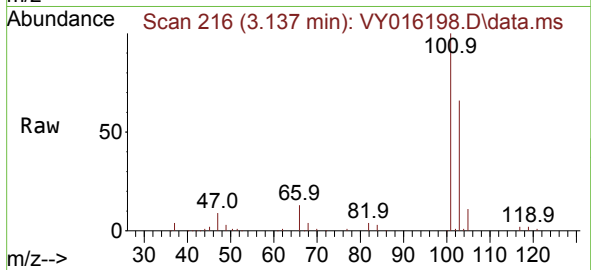




#7
 Trichlorofluoromethane
 Concen: 54.547 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY016198.D
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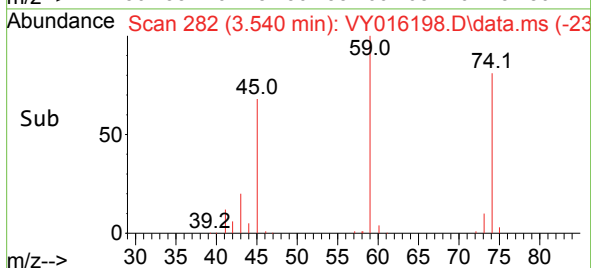
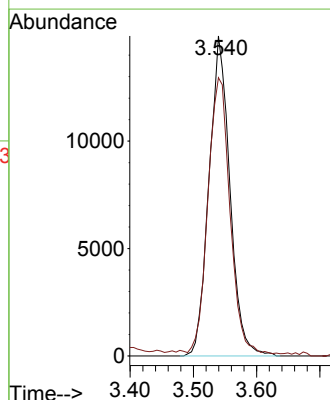
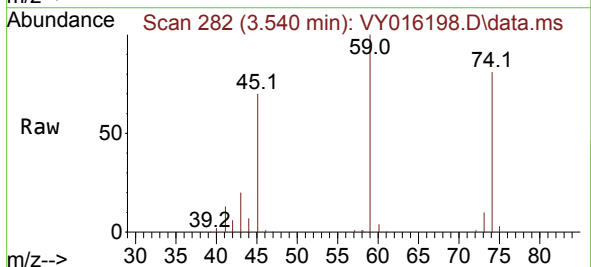
Instrument :
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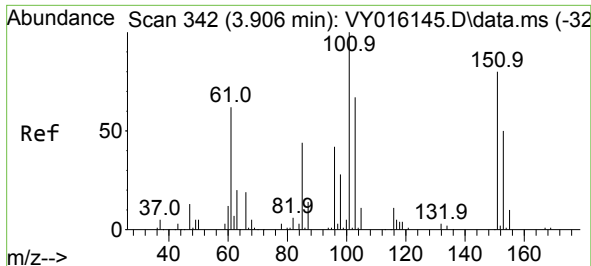
Tgt Ion:101 Resp: 107434
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.437 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

Tgt Ion: 74 Resp: 34230
 Ion Ratio Lower Upper
 74 100
 45 90.3 51.5 154.5

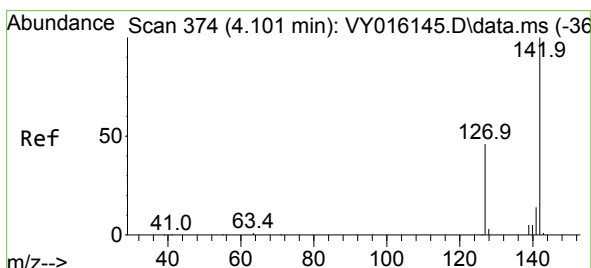
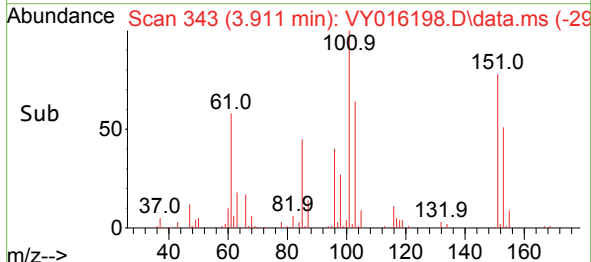
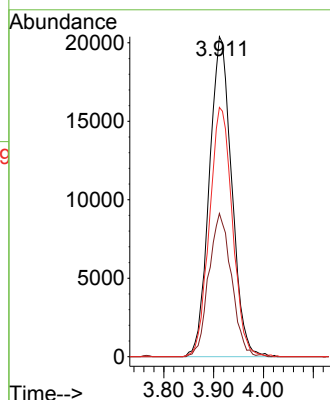
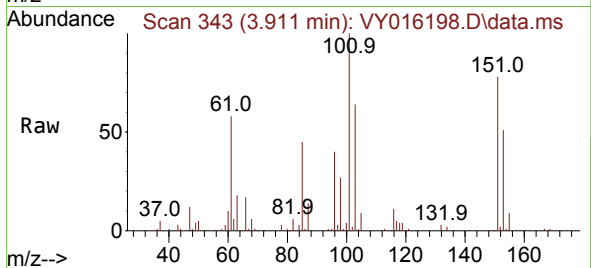




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.331 ug/l
RT: 3.911 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016198.D
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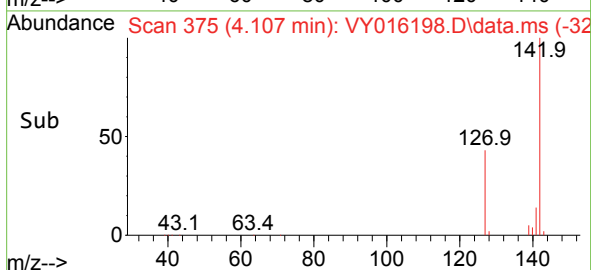
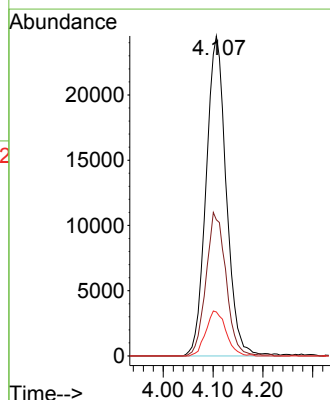
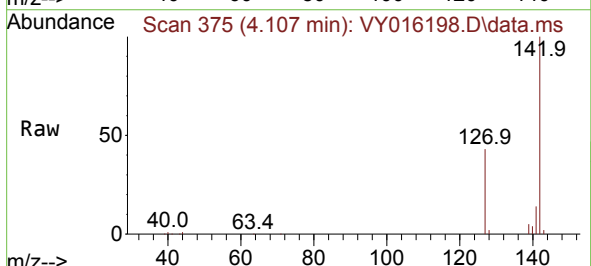
Instrument :
MSVOA_Y
ClientSampleId :

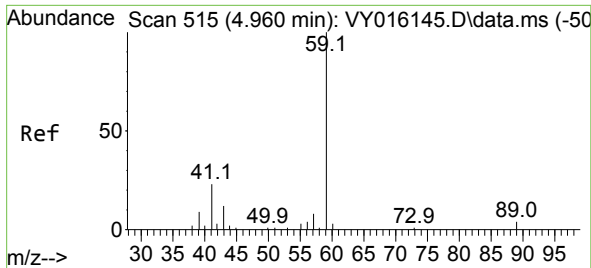
Tgt Ion:101 Resp: 63690
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 79.8 67.0 100.6



#10
Methyl Iodide
Concen: 49.919 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

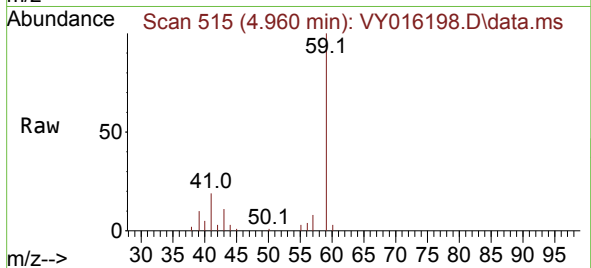
Tgt Ion:142 Resp: 68875
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.2 11.8 17.8



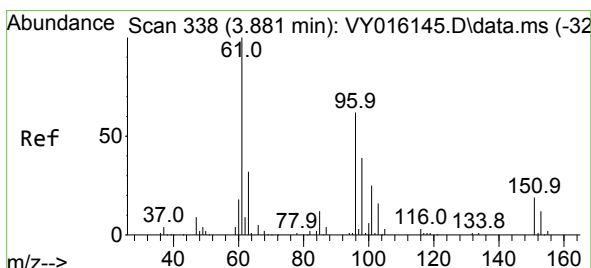
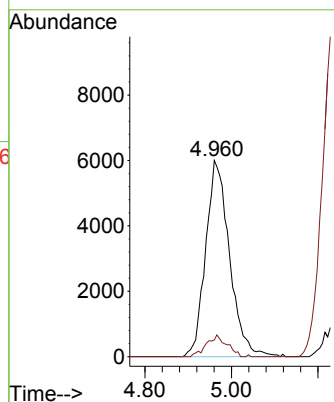
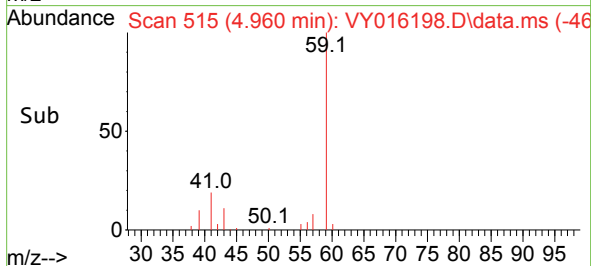


#11
Tert butyl alcohol
Concen: 229.481 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

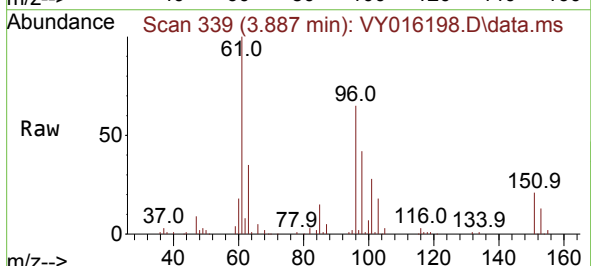
Instrument :
MSVOA_Y
ClientSampleId :



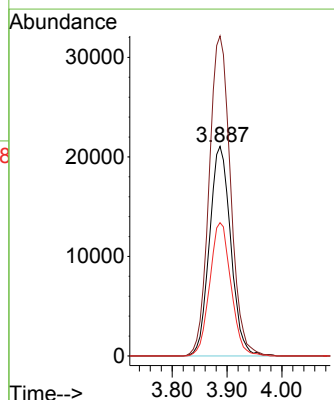
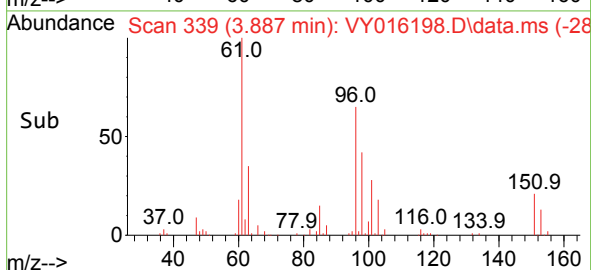
Tgt Ion: 59 Resp: 22962
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#

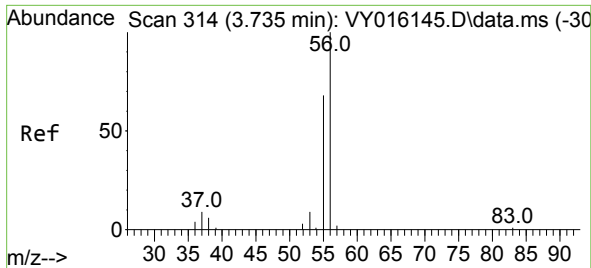


#12
1,1-Dichloroethene
Concen: 50.208 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17



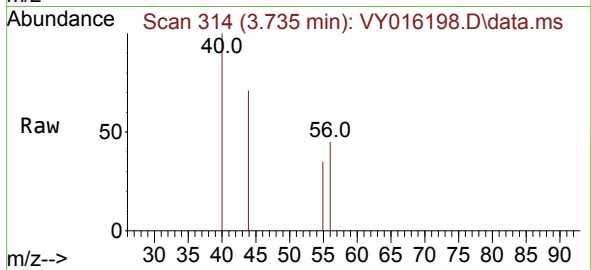
Tgt Ion: 96 Resp: 56860
Ion Ratio Lower Upper
96 100
61 152.7 136.4 204.6
98 63.6 49.4 74.2



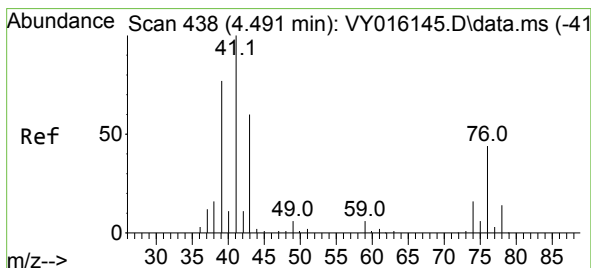
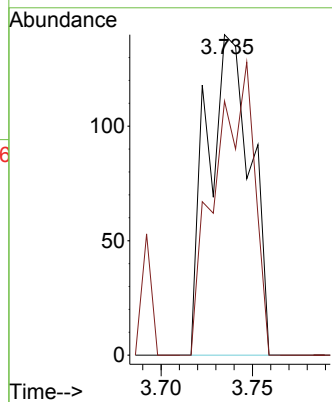
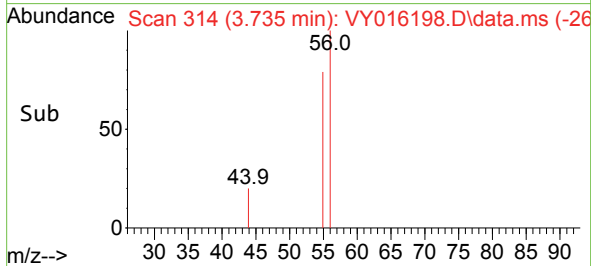


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

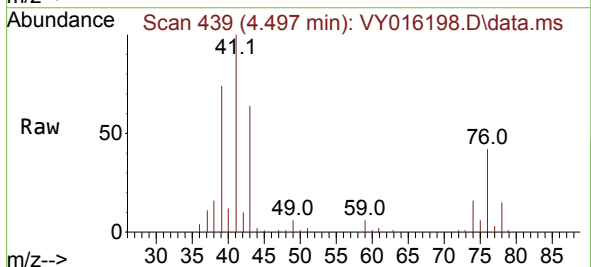
Instrument :
MSVOA_Y
ClientSampleId :



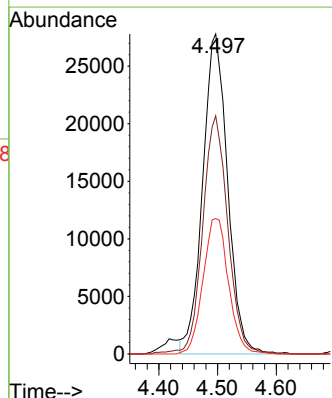
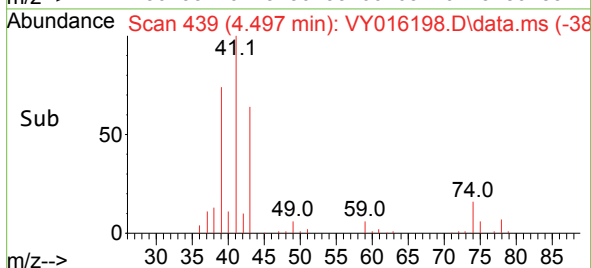
Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 82.3 57.0 85.4

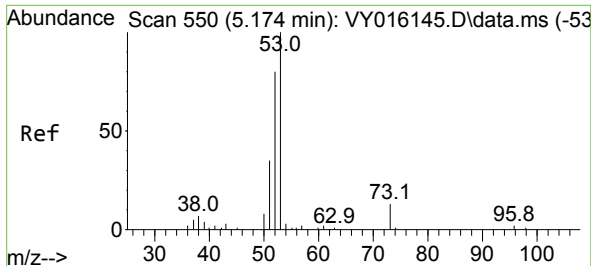


#14
Allyl chloride
Concen: 50.666 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17



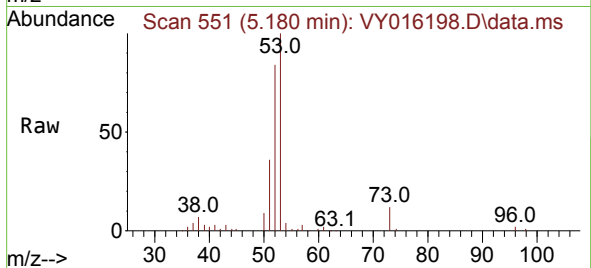
Tgt Ion: 41 Resp: 82073
Ion Ratio Lower Upper
41 100
39 75.0 58.0 87.0
76 43.2 27.4 41.2#



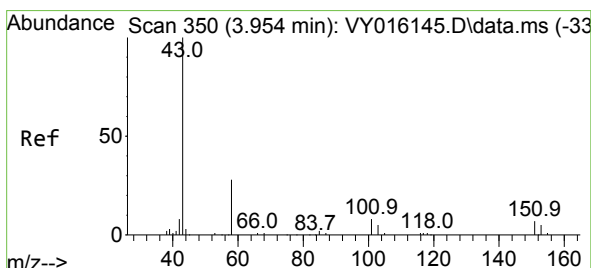
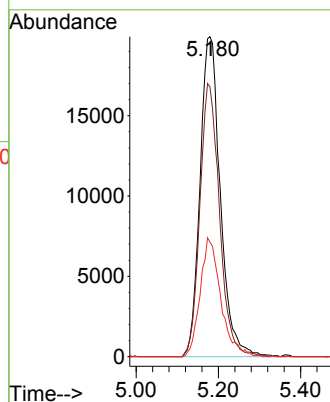
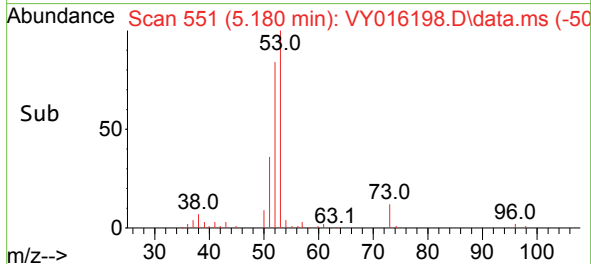


#15
Acrylonitrile
Concen: 244.894 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :

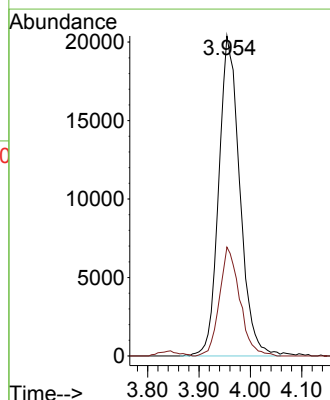
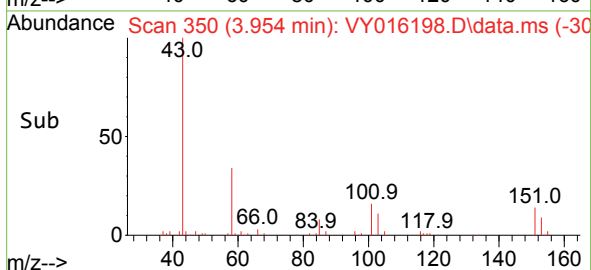
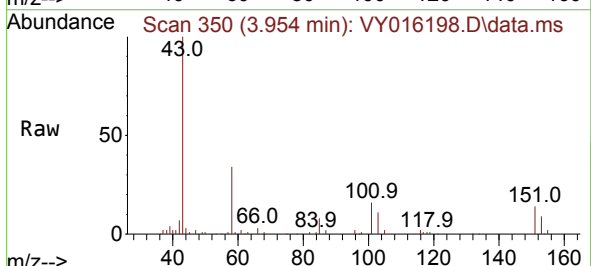


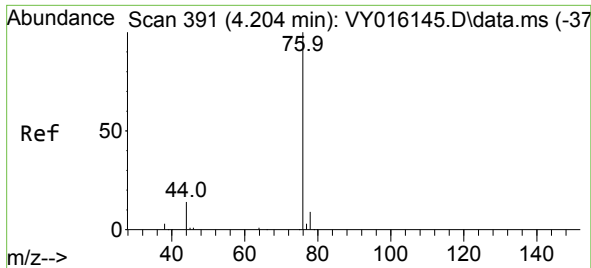
Tgt Ion: 53 Resp: 68311
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 273.278 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 43 Resp: 58042
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1





#17

Carbon Disulfide

Concen: 43.457 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

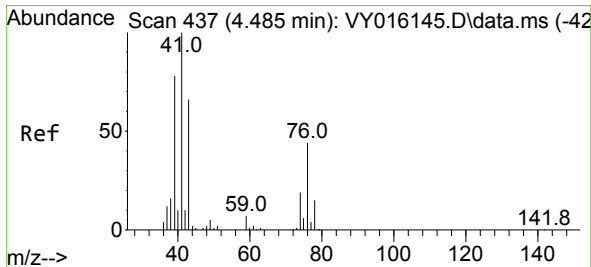
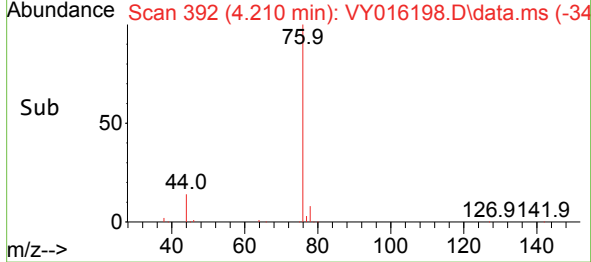
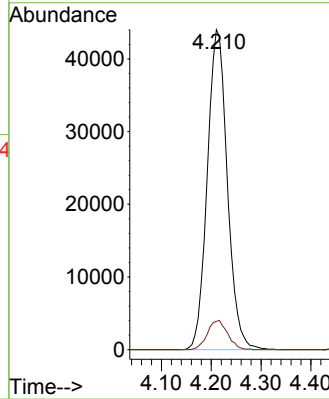
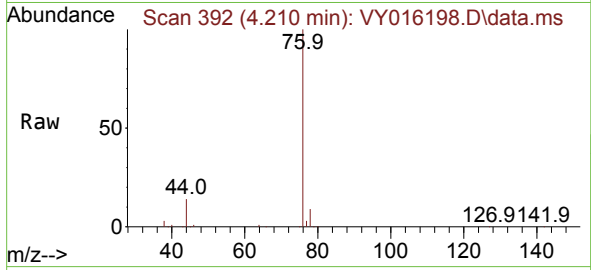
ClientSampleId :

Tgt Ion: 76 Resp: 122869

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 51.248 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY016198.D

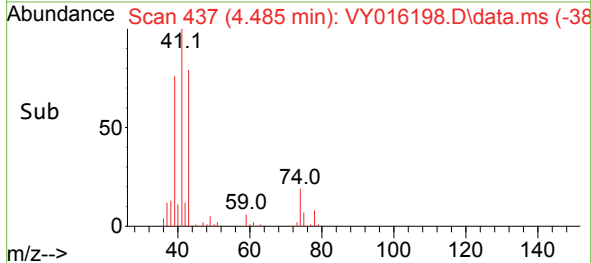
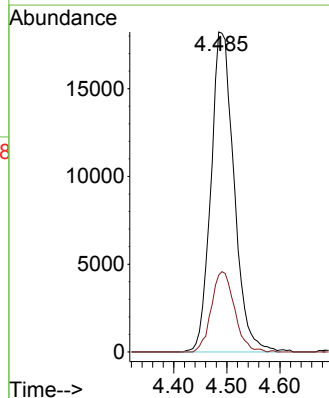
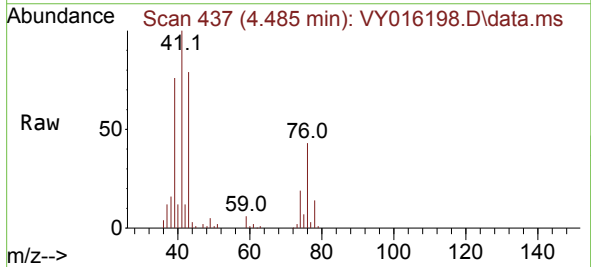
Acq: 02 Nov 2023 18:17

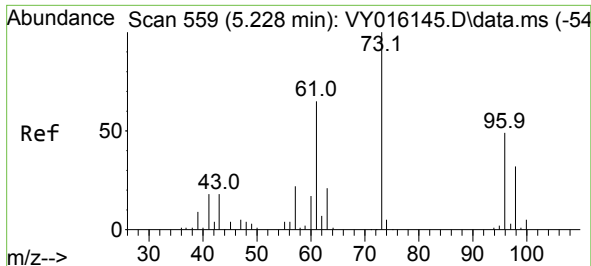
Tgt Ion: 43 Resp: 55195

Ion Ratio Lower Upper

43 100

74 25.1 17.4 26.0

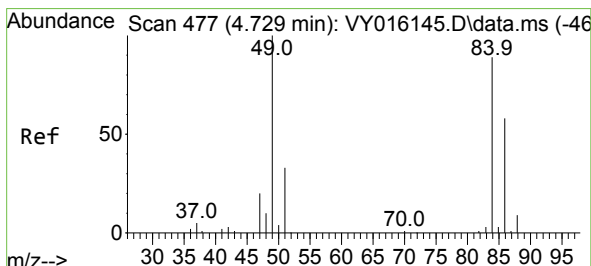
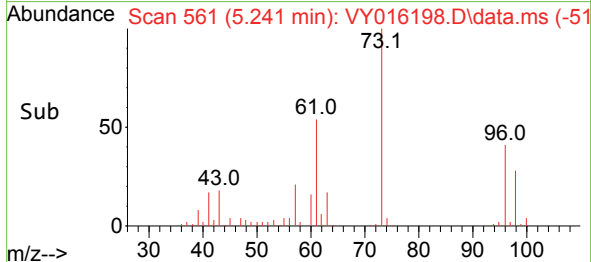
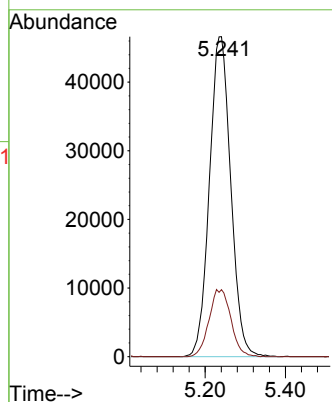
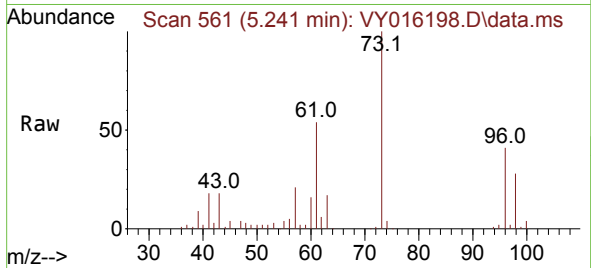




#19
Methyl tert-butyl Ether
Concen: 53.306 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

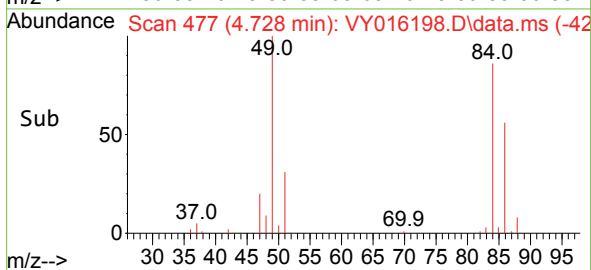
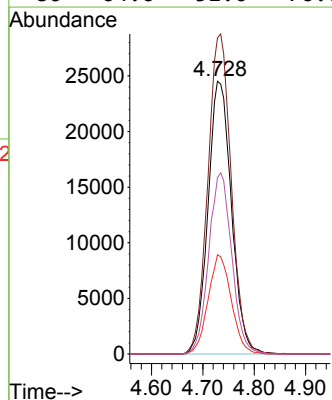
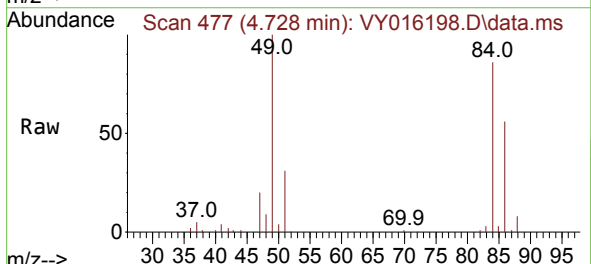
Instrument :
MSVOA_Y
ClientSampleId :

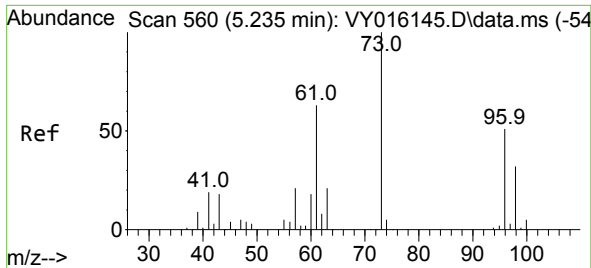
Tgt Ion: 73 Resp: 171716
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 57.367 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 84 Resp: 77531
Ion Ratio Lower Upper
84 100
49 115.8 106.9 160.3
51 36.3 33.2 49.8
86 64.6 51.0 76.6

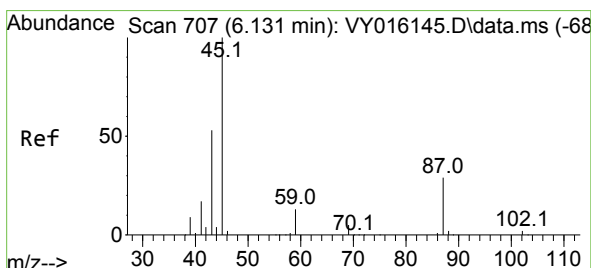
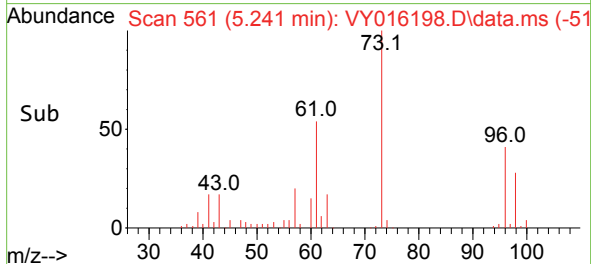
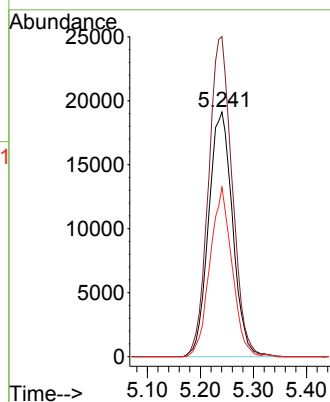
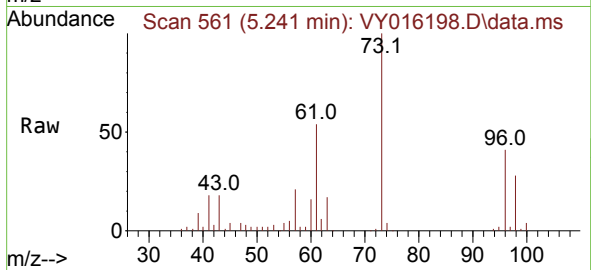




#21
trans-1,2-Dichloroethene
Concen: 45.618 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

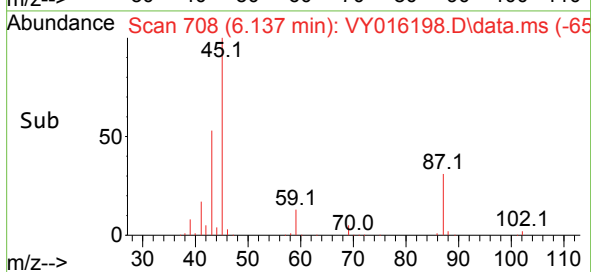
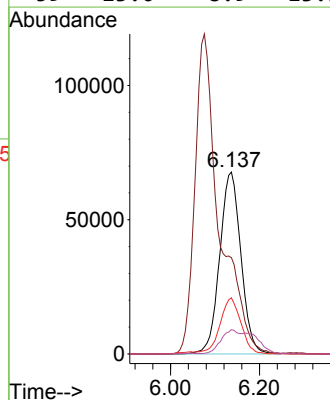
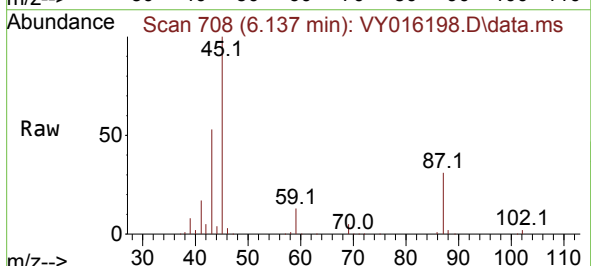
Instrument :
MSVOA_Y
ClientSampleId :

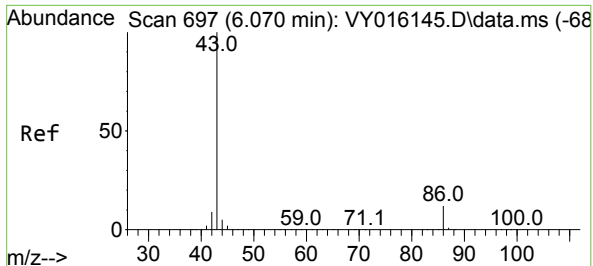
Tgt Ion: 96 Resp: 60177
Ion Ratio Lower Upper
96 100
61 130.8 110.2 165.4
98 69.2 51.8 77.6



#22
Diisopropyl ether
Concen: 57.202 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 45 Resp: 224117
Ion Ratio Lower Upper
45 100
43 52.6 52.2 78.4
87 30.8 21.0 31.6
59 13.0 8.9 13.3

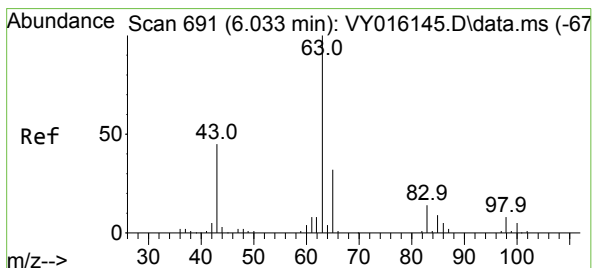
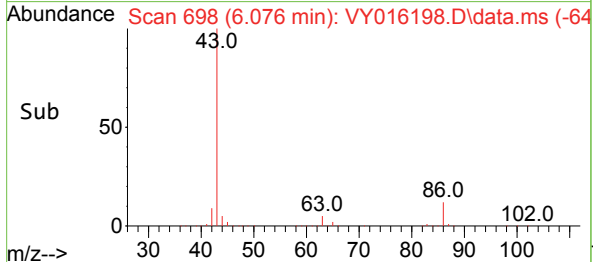
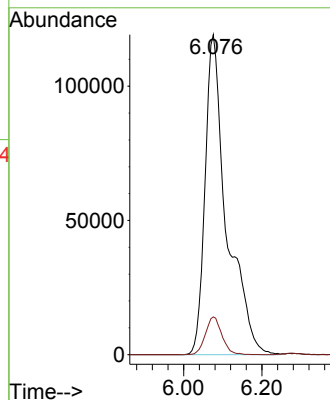
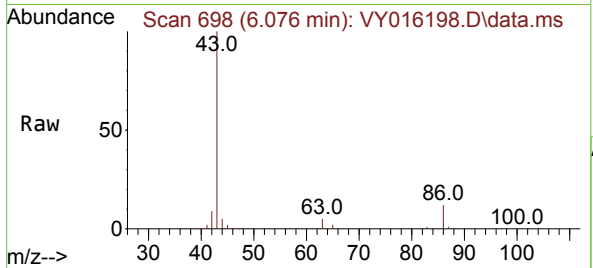




#23
 Vinyl Acetate
 Concen: 236.437 ug/l
 RT: 6.076 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

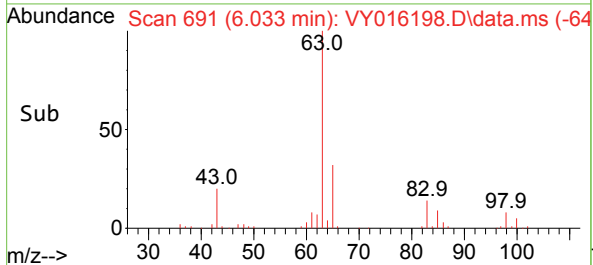
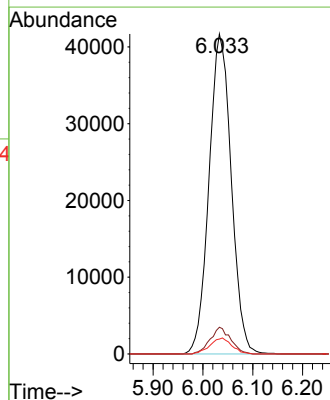
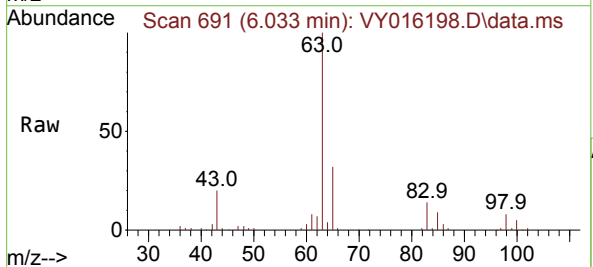
Instrument :
 MSVOA_Y
 ClientSampleId :

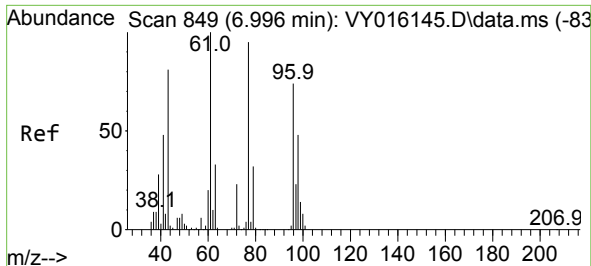
Tgt Ion: 43 Resp: 454830
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 55.051 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

Tgt Ion: 63 Resp: 129089
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 4.7 1.8 5.5

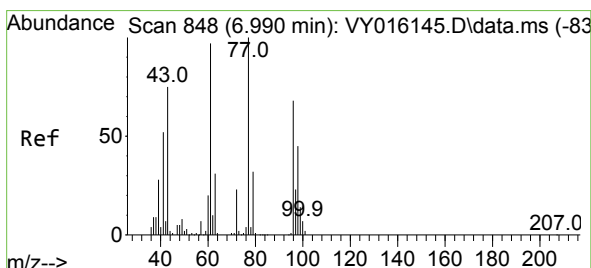
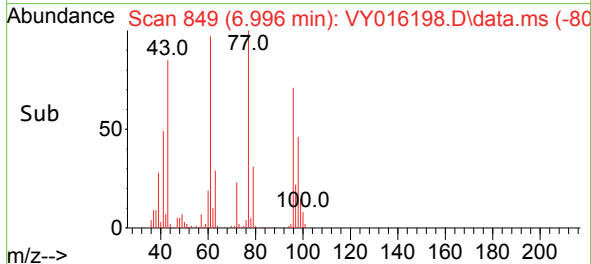
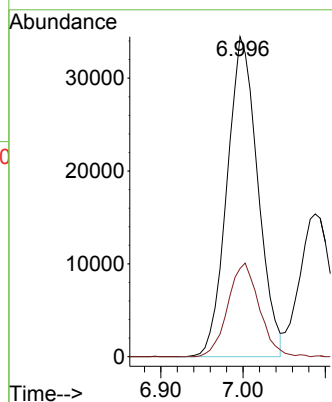
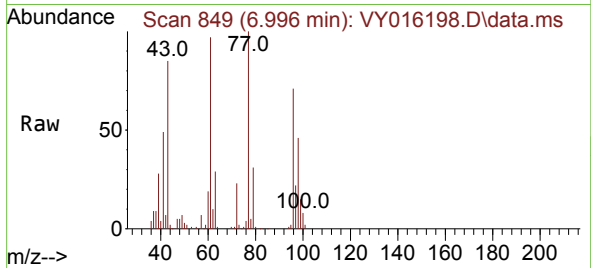




#25
2-Butanone
Concen: 242.622 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

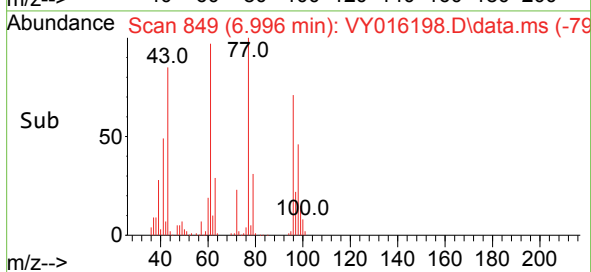
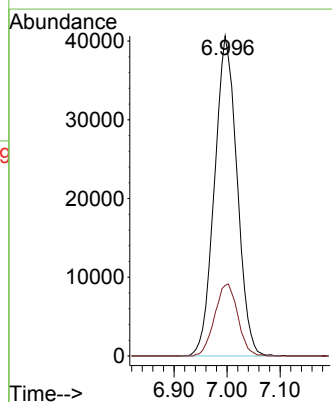
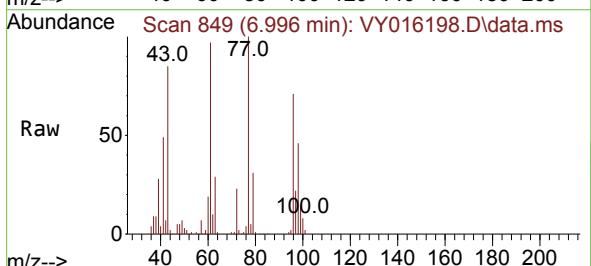
Instrument :
MSVOA_Y
ClientSampleId :

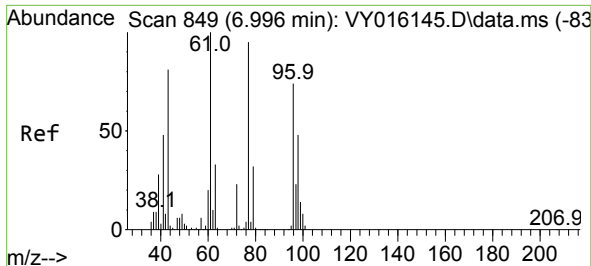
Tgt Ion: 43 Resp: 89644
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.051 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 77 Resp: 119812
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.628 ug/l

RT: 7.002 min Scan# 849

Delta R.T. 0.006 min

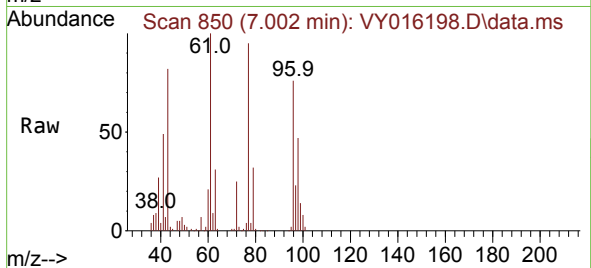
Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :



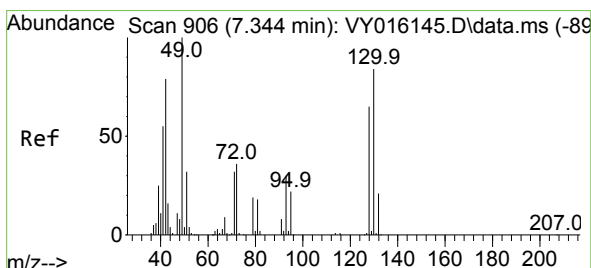
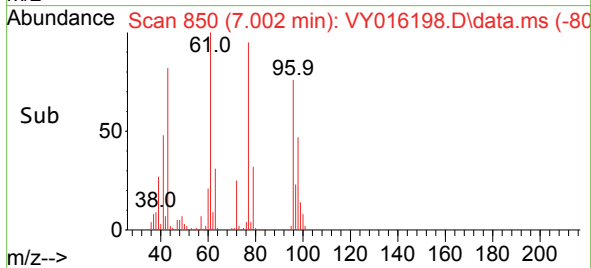
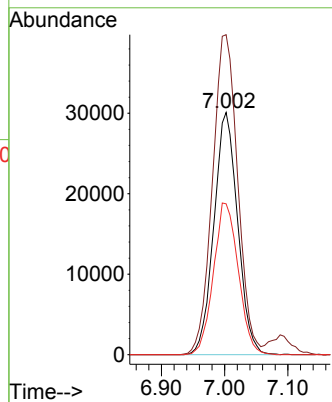
Tgt Ion: 96 Resp: 78596

Ion Ratio Lower Upper

96 100

61 140.1 0.0 301.4

98 65.4 0.0 130.4



#28

Bromochloromethane

Concen: 1.463 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

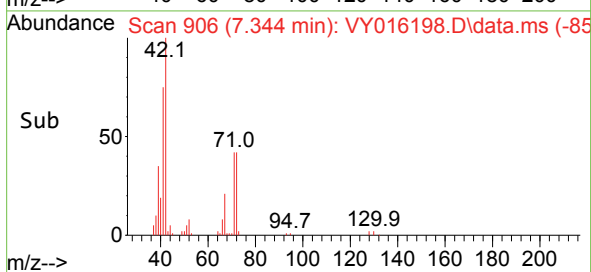
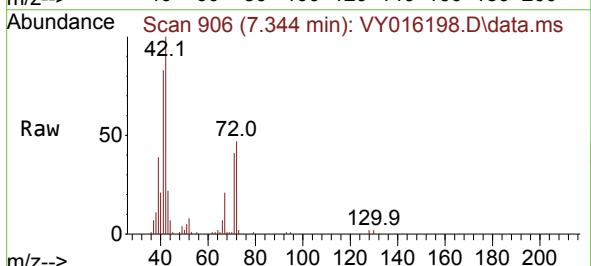
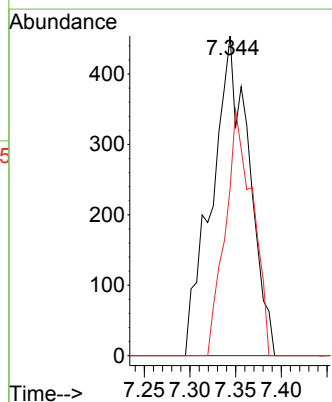
Tgt Ion: 49 Resp: 1284

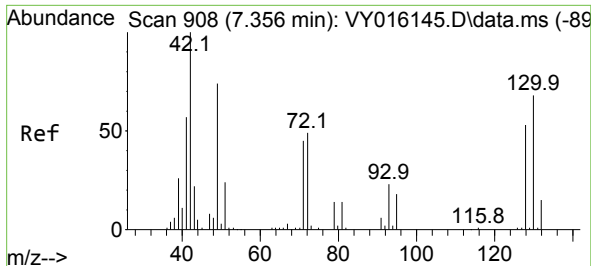
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 56.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 257.155 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

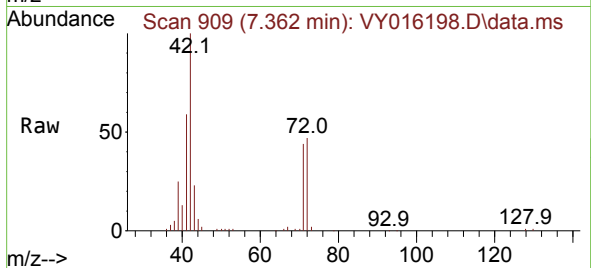
Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :



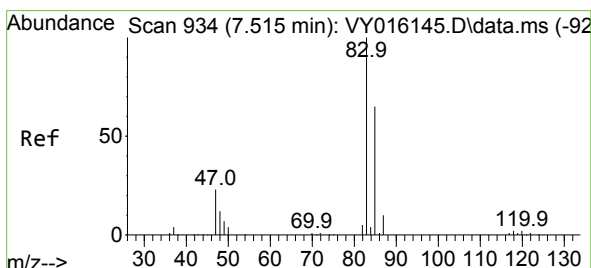
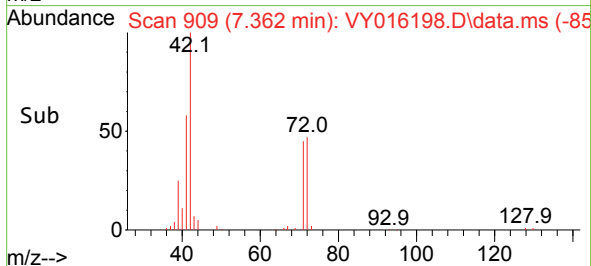
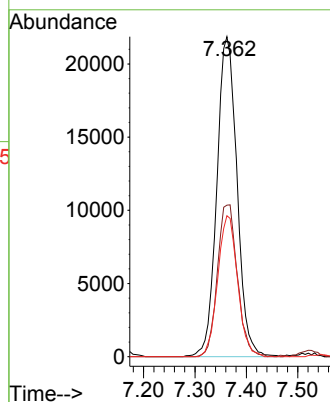
Tgt Ion: 42 Resp: 59560

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 54.660 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016198.D

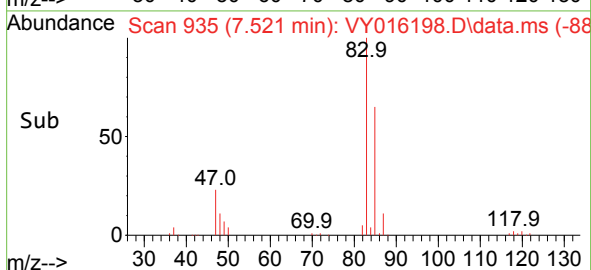
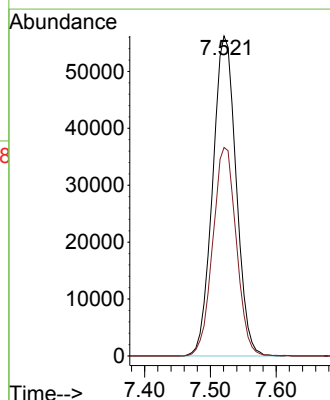
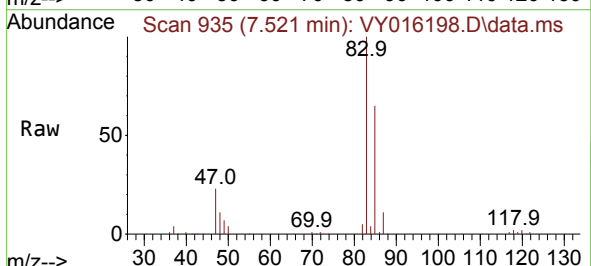
Acq: 02 Nov 2023 18:17

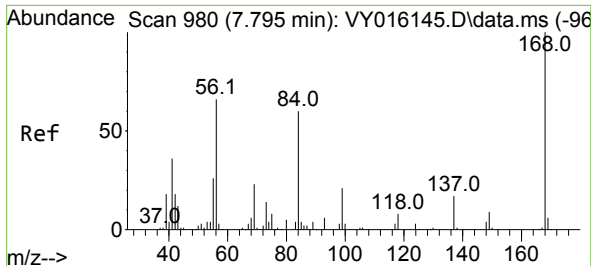
Tgt Ion: 83 Resp: 139543

Ion Ratio Lower Upper

83 100

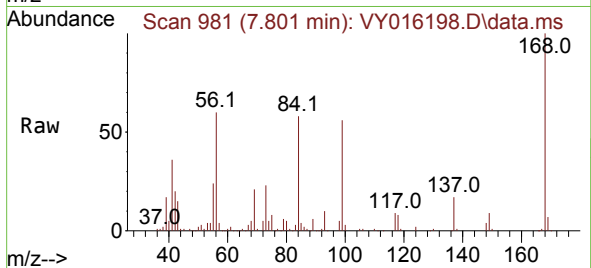
85 65.1 49.7 74.5



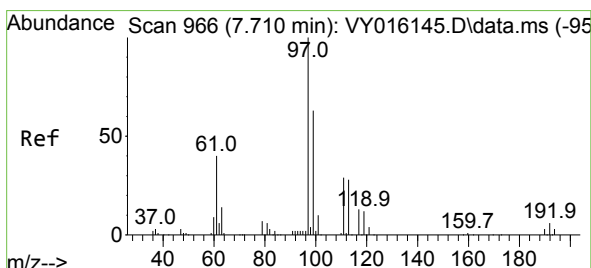
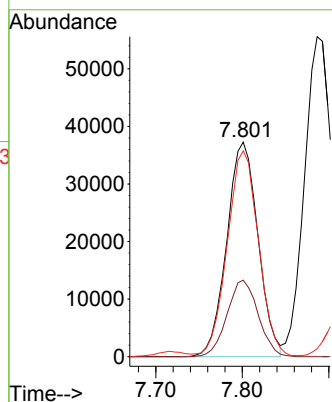
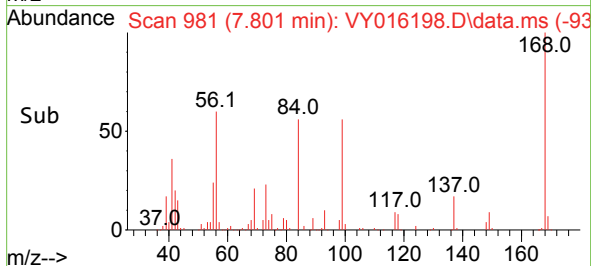


#31
Cyclohexane
Concen: 45.342 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

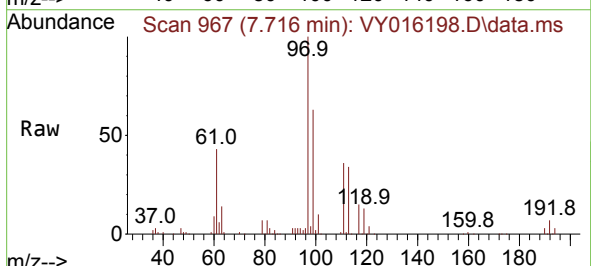
Instrument :
MSVOA_Y
ClientSampleId :



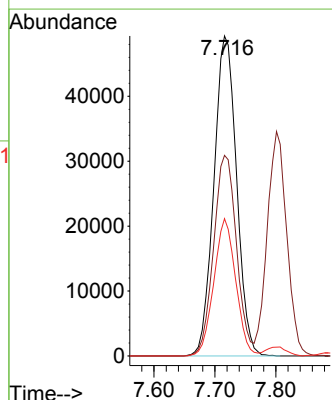
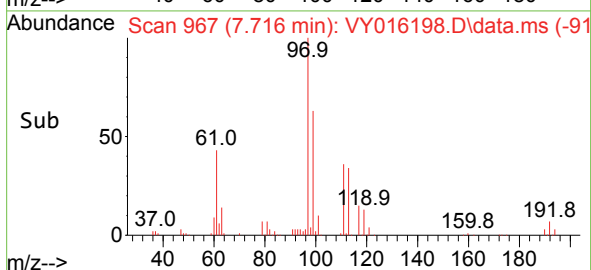
Tgt Ion: 56 Resp: 93346
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.6
84 93.9 66.4 99.6

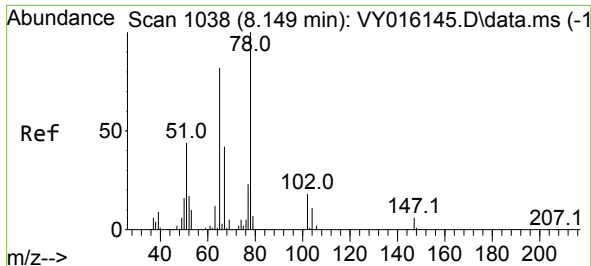


#32
1,1,1-Trichloroethane
Concen: 54.439 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17



Tgt Ion: 97 Resp: 127455
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.4 35.1 52.7

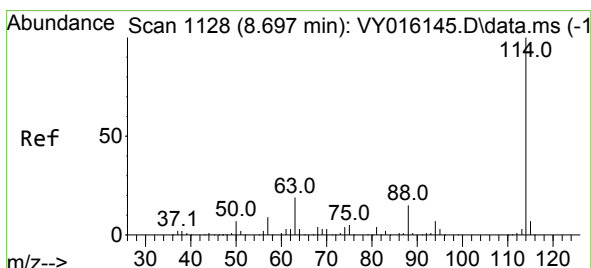
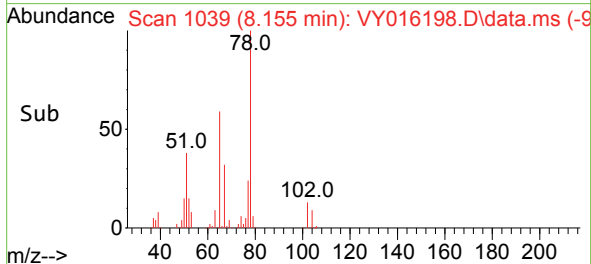
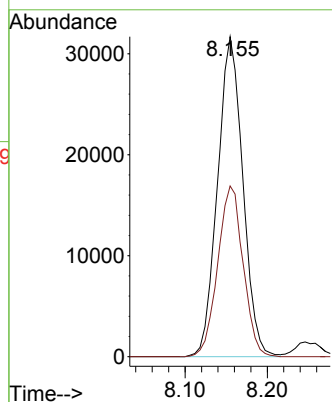
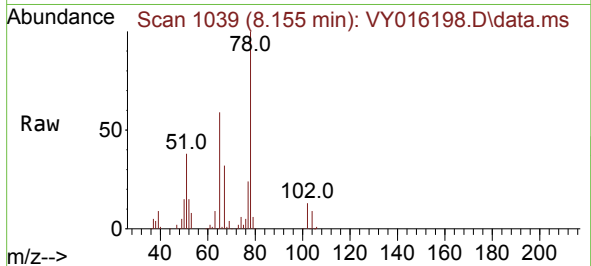




#33
1,2-Dichloroethane-d4
Concen: 50.572 ug/l
RT: 8.155 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

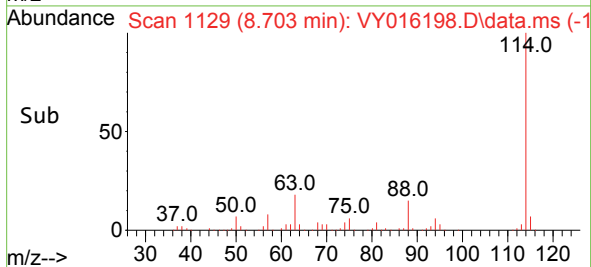
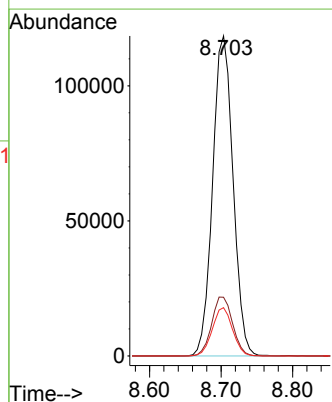
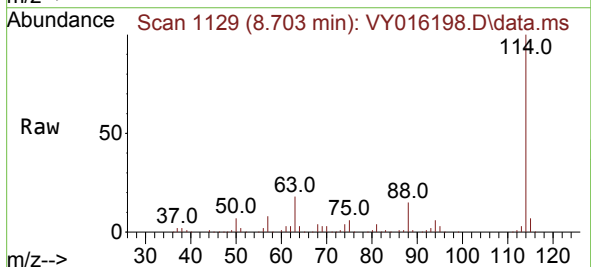
Instrument :
MSVOA_Y
ClientSampleId :

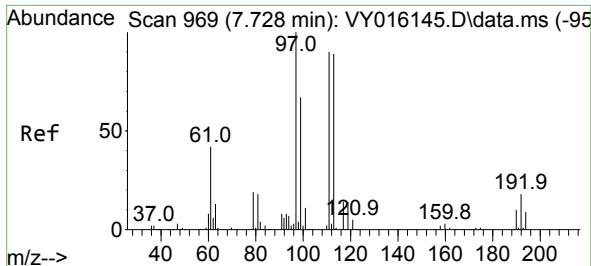
Tgt Ion: 65 Resp: 67728
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 114 Resp: 234728
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 15.1 0.0 30.6

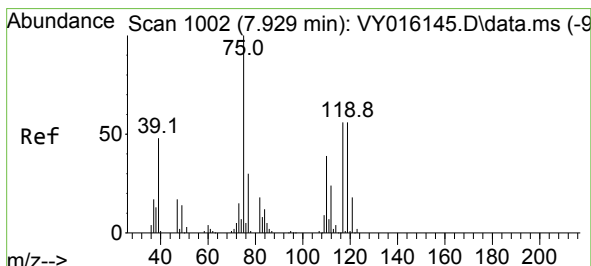
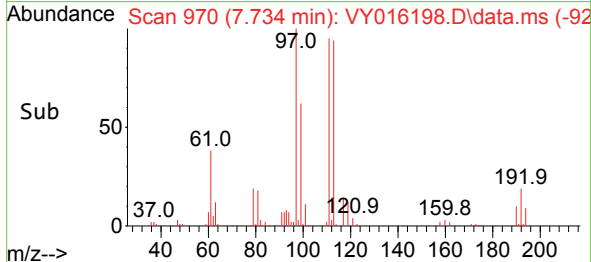
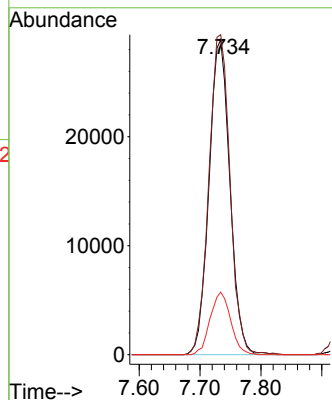
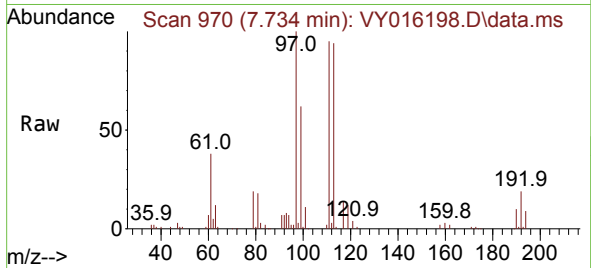




#35
Dibromofluoromethane
Concen: 49.120 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

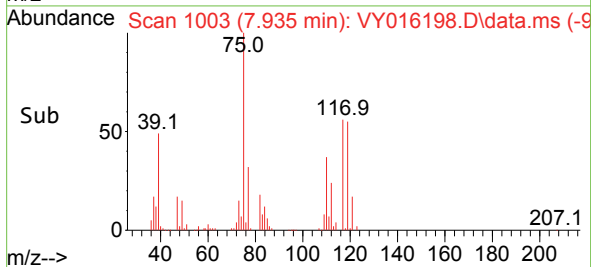
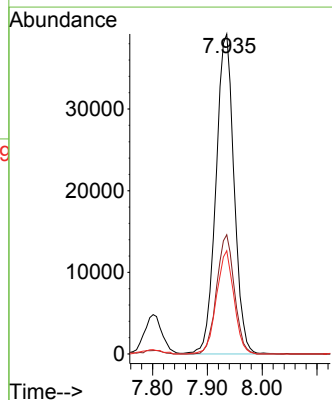
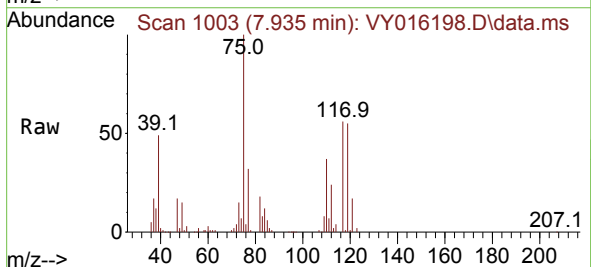
Instrument :
MSVOA_Y
ClientSampleId :

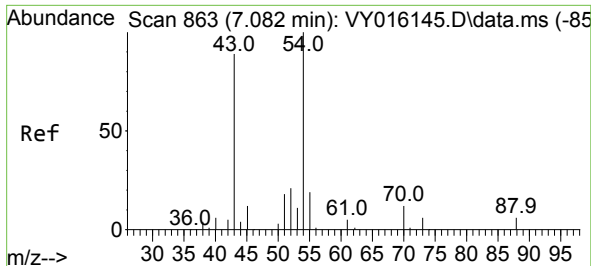
Tgt Ion:113 Resp: 68738
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.513 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 75 Resp: 89948
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 46.958 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

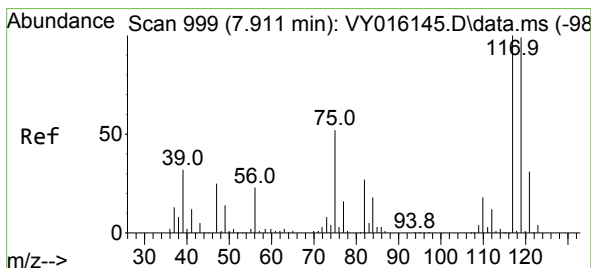
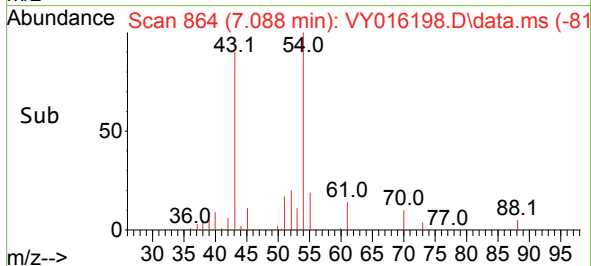
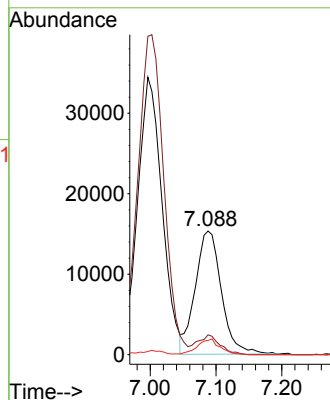
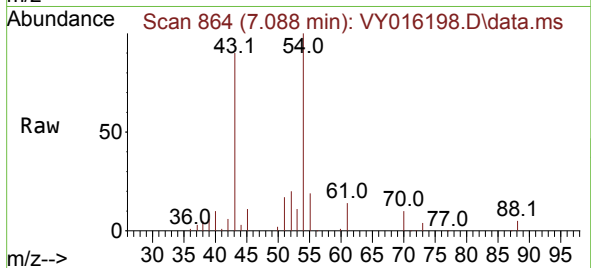
Tgt Ion: 43 Resp: 42263

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.788 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

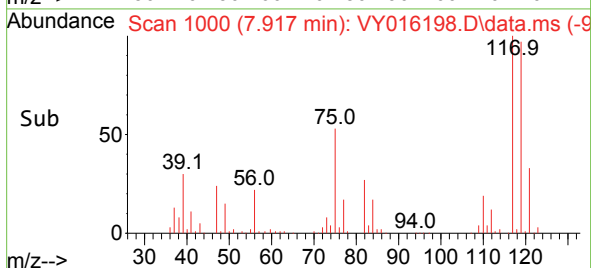
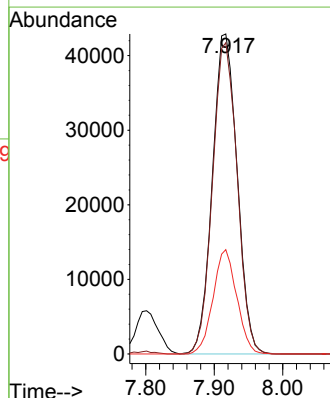
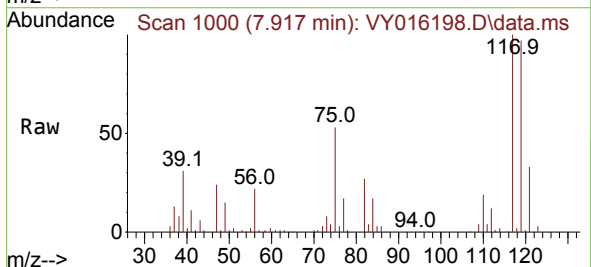
Tgt Ion: 117 Resp: 107681

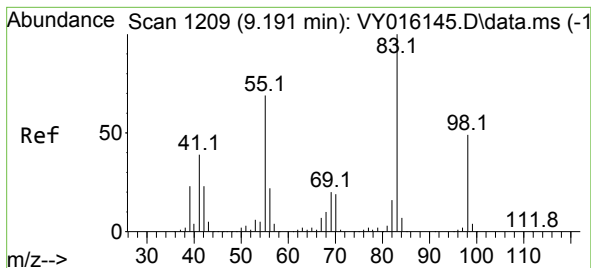
Ion Ratio Lower Upper

117 100

119 97.3 76.4 114.6

121 32.6 25.8 38.6





#39

Methylcyclohexane

Concen: 37.500 ug/l

RT: 9.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

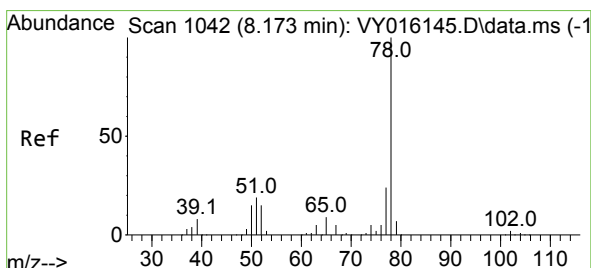
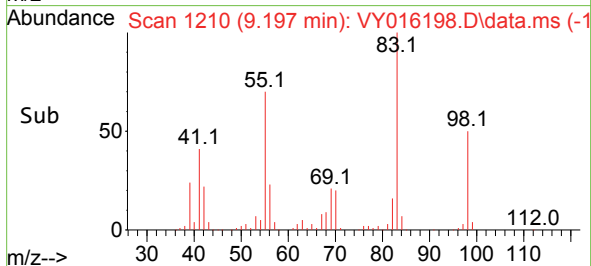
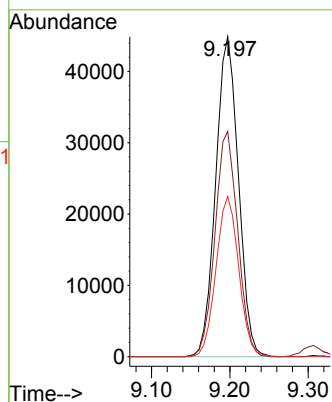
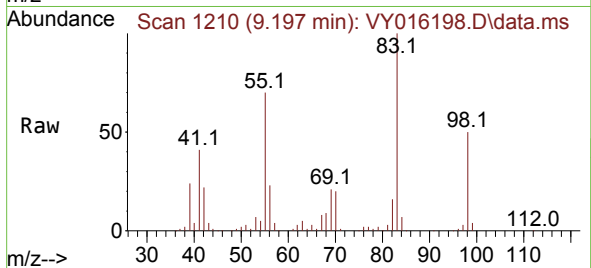
Tgt Ion: 83 Resp: 90451

Ion Ratio Lower Upper

83 100

55 70.4 63.0 94.4

98 50.1 37.4 56.2



#40

Benzene

Concen: 51.334 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016198.D

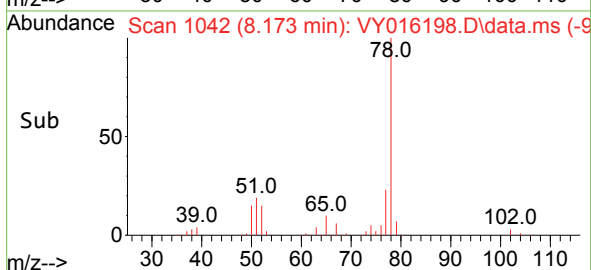
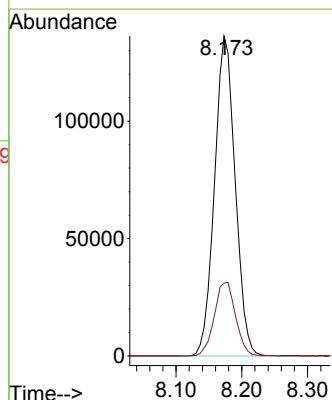
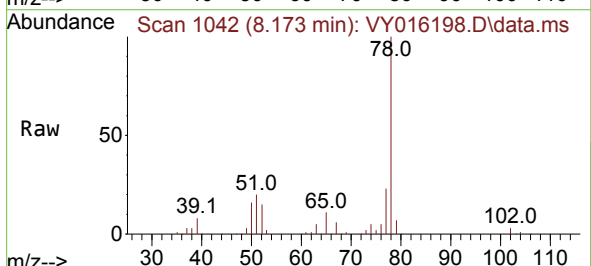
Acq: 02 Nov 2023 18:17

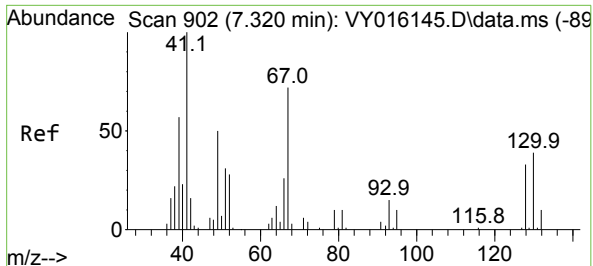
Tgt Ion: 78 Resp: 297800

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

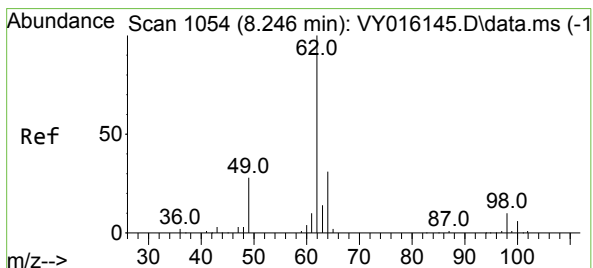
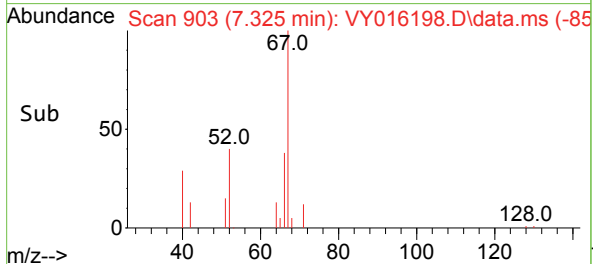
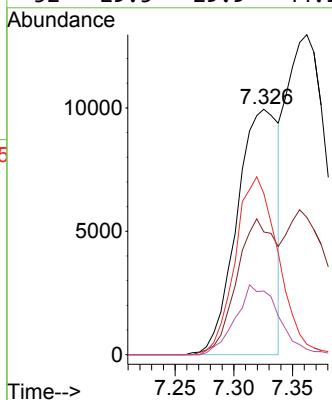
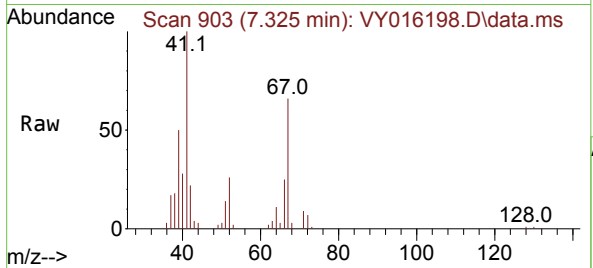




#41
Methacrylonitrile
Concen: 46.725 ug/l
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

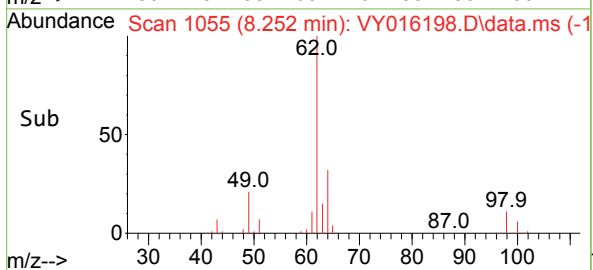
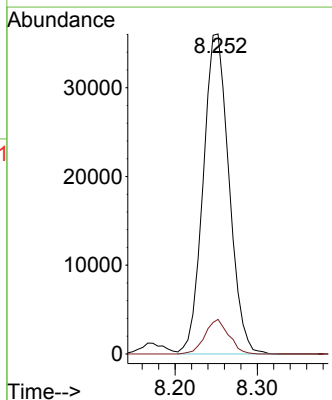
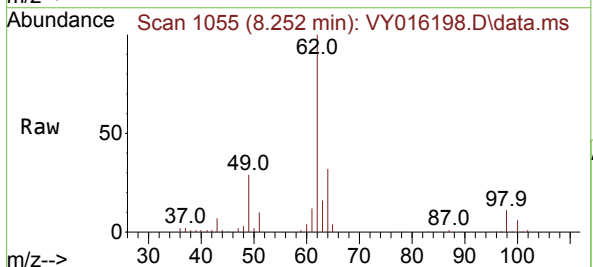
Instrument :
MSVOA_Y
ClientSampleId :

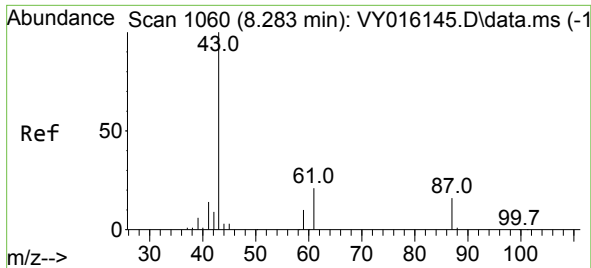
Tgt Ion: 41 Resp: 24410
Ion Ratio Lower Upper
41 100
39 52.4 52.1 78.1
67 75.3 66.2 99.2
52 29.5 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 48.618 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 62 Resp: 78709
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8

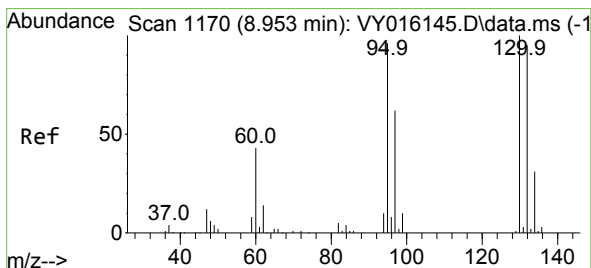
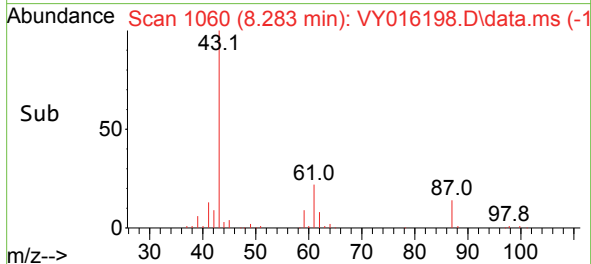
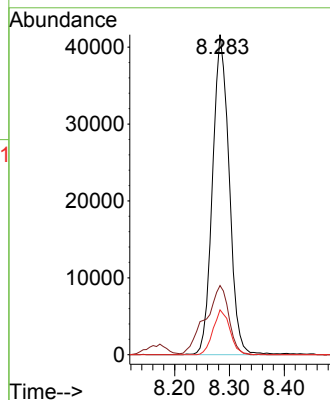
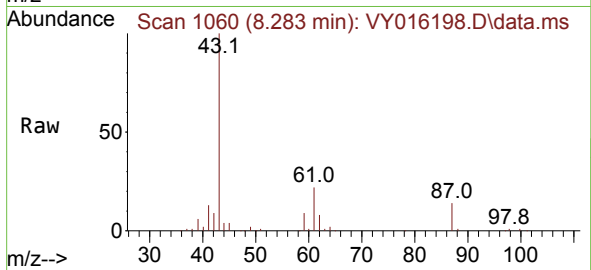




#43
Isopropyl Acetate
Concen: 49.099 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

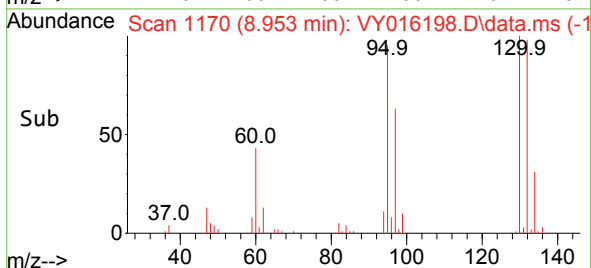
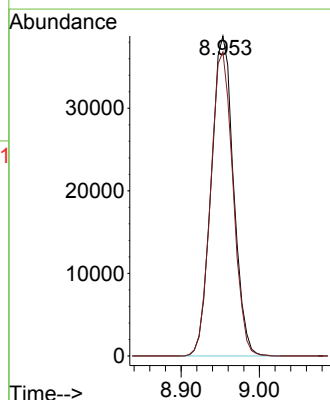
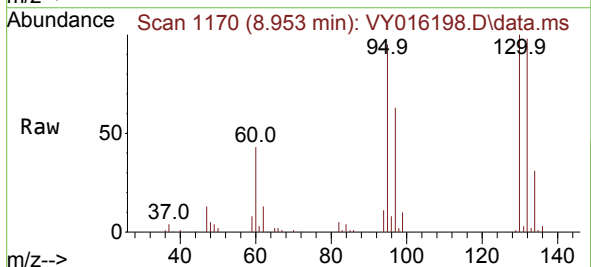
Instrument :
MSVOA_Y
ClientSampleId :

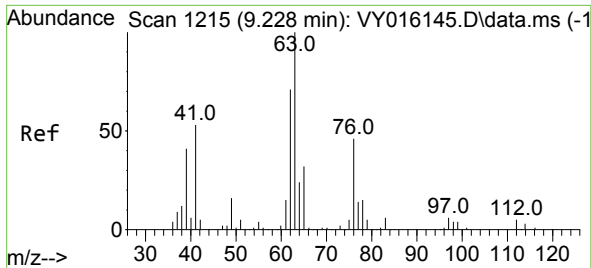
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.5	21.1	31.7
87	14.2	9.8	14.8



#44
Trichloroethene
Concen: 45.012 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	196.0

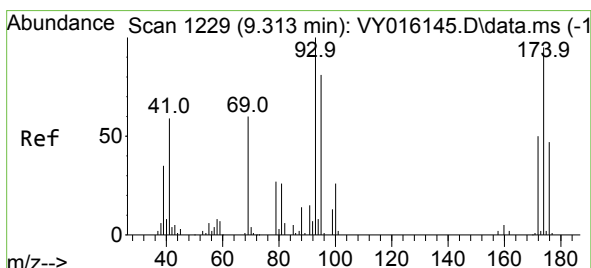
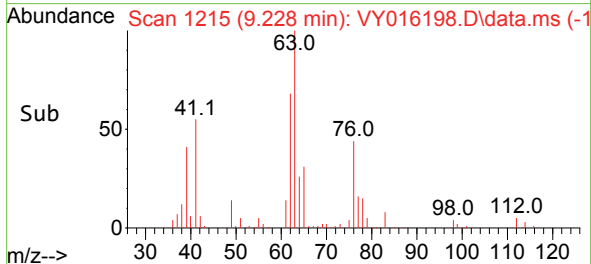
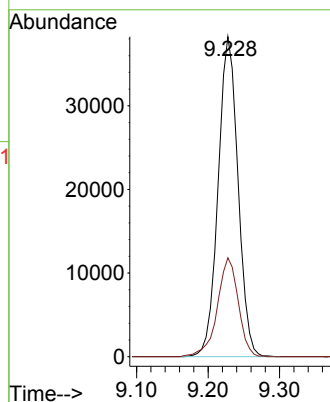
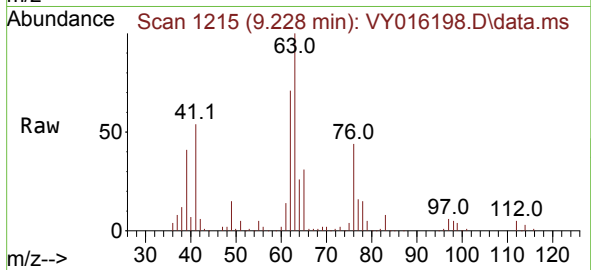




#45
1,2-Dichloropropane
Concen: 52.893 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

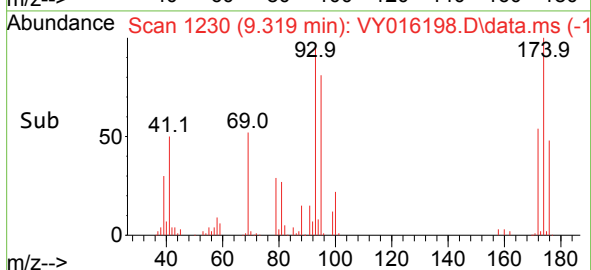
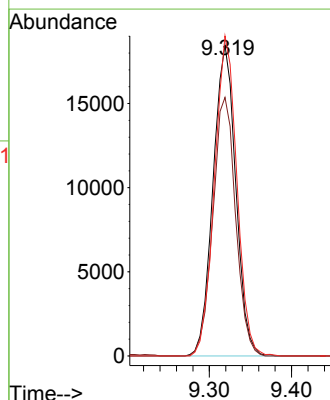
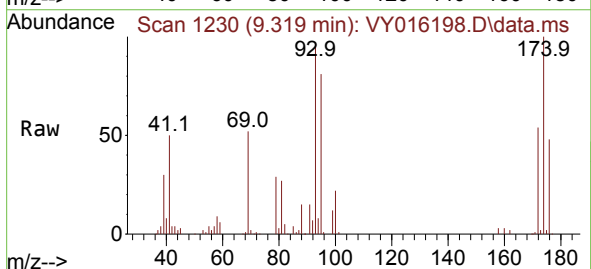
Instrument :
MSVOA_Y
ClientSampleId :

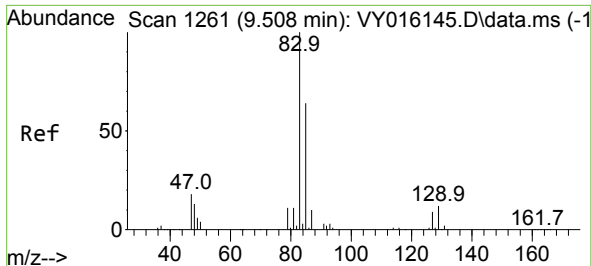
Tgt Ion: 63 Resp: 73814
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 44.754 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 93 Resp: 35430
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 101.6 84.8 127.2





#47

Bromodichloromethane

Concen: 51.343 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

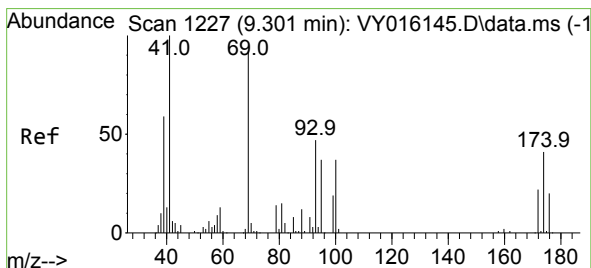
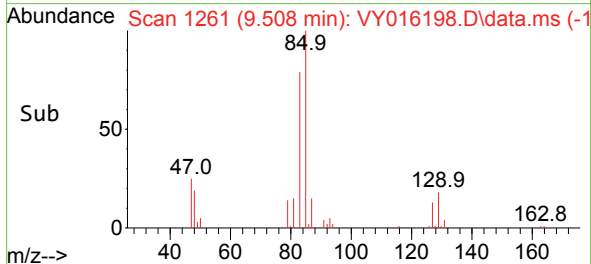
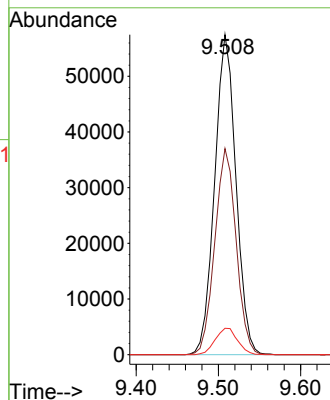
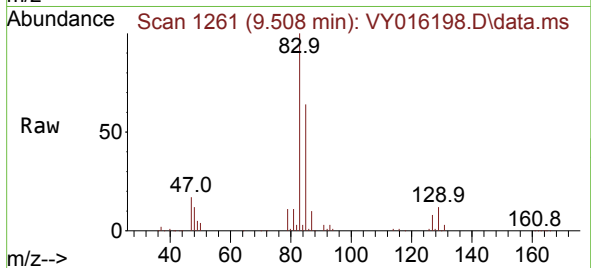
Tgt Ion: 83 Resp: 103272

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 48.367 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

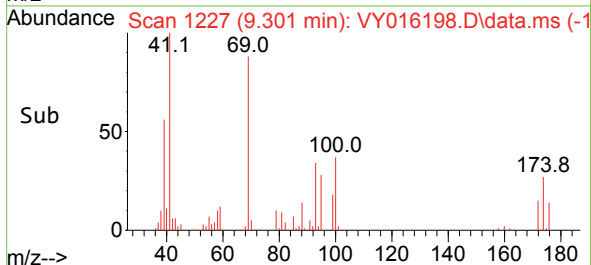
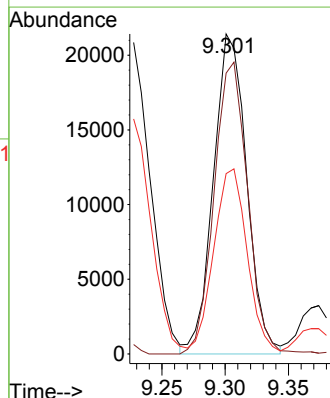
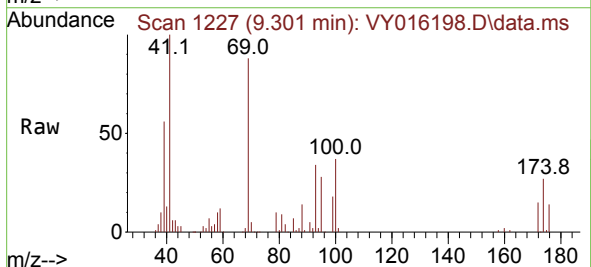
Tgt Ion: 41 Resp: 39155

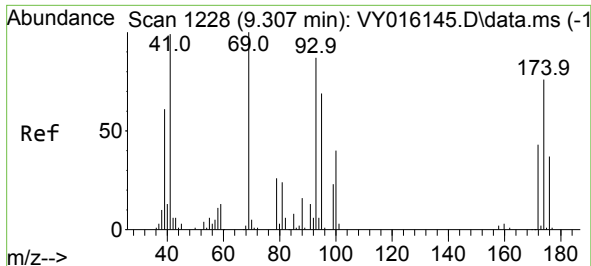
Ion Ratio Lower Upper

41 100

69 92.3 64.5 96.7

39 58.4 50.8 76.2





#49

1,4-Dioxane

Concen: 884.801 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

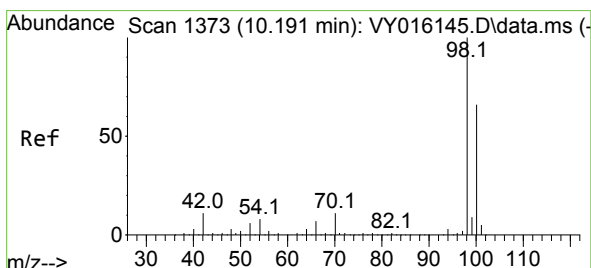
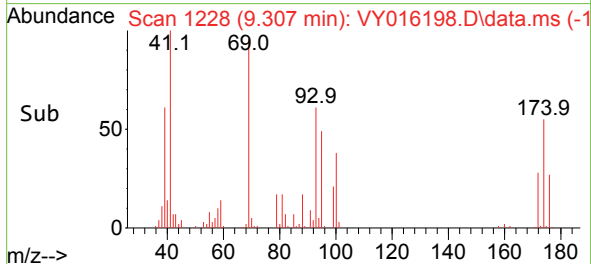
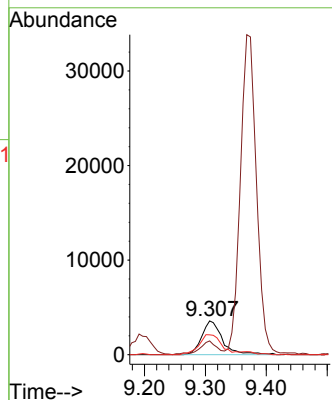
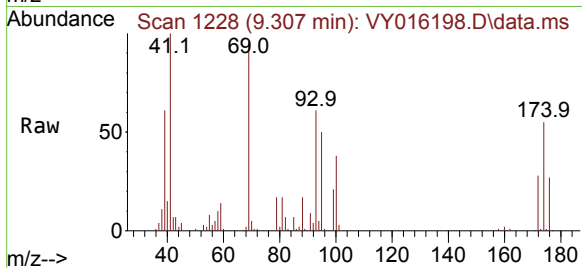
Tgt Ion: 88 Resp: 8459

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0#

58 64.6 30.9 46.3#



#50

Toluene-d8

Concen: 50.256 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016198.D

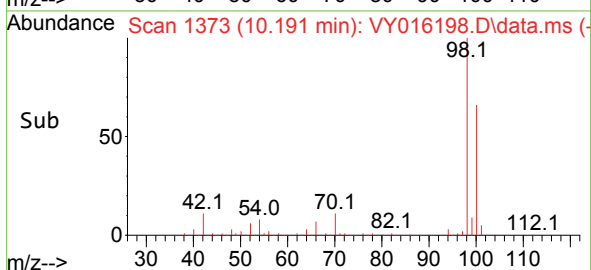
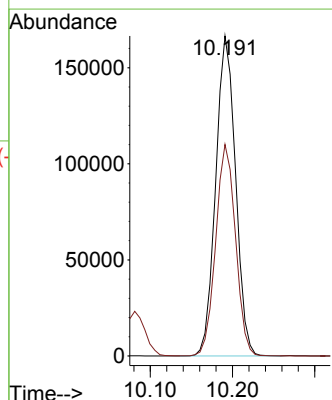
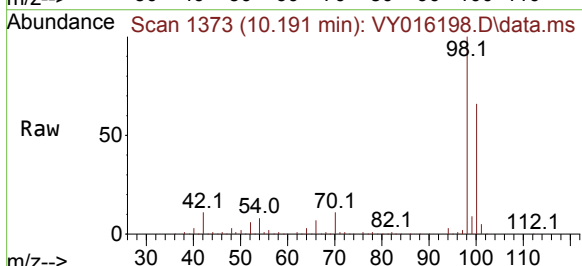
Acq: 02 Nov 2023 18:17

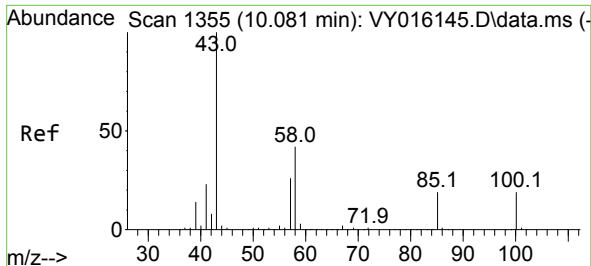
Tgt Ion: 98 Resp: 278831

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 242.603 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

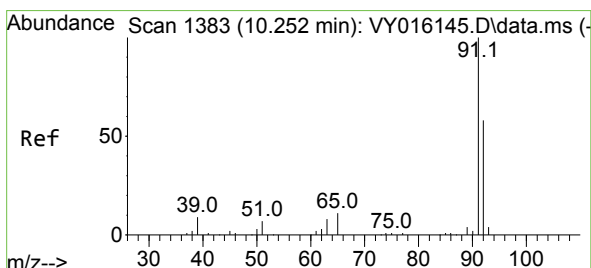
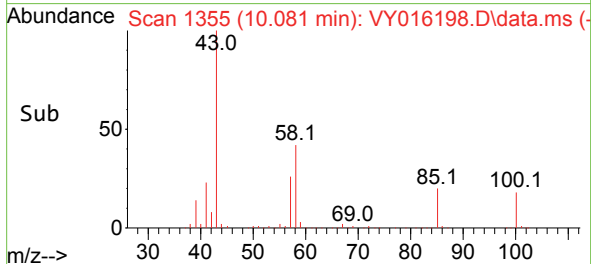
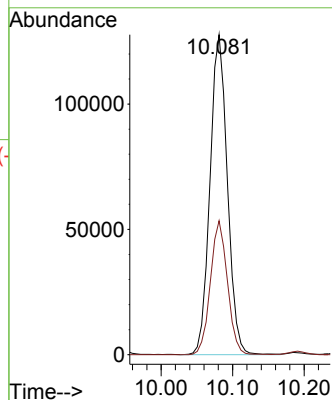
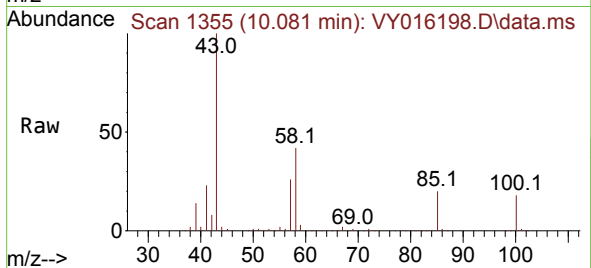
ClientSampleId :

Tgt Ion: 43 Resp: 215504

Ion Ratio Lower Upper

43 100

58 41.0 29.0 43.6



#52

Toluene

Concen: 50.092 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016198.D

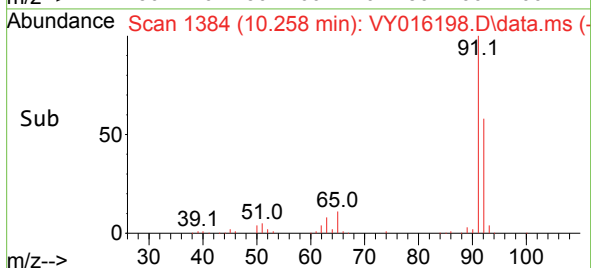
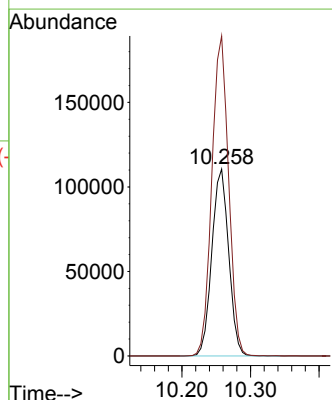
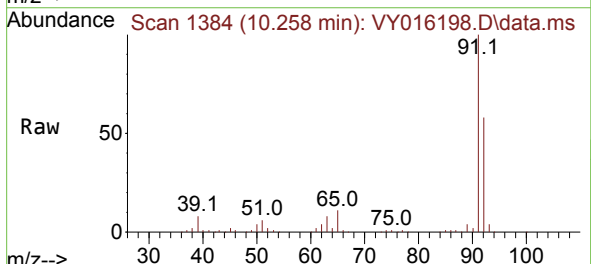
Acq: 02 Nov 2023 18:17

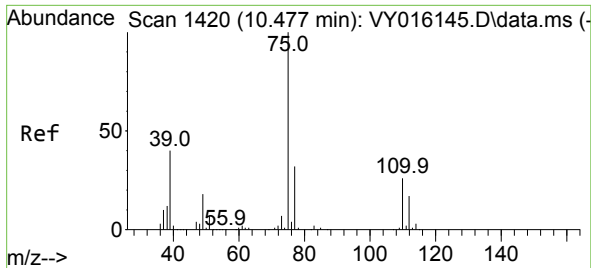
Tgt Ion: 92 Resp: 188305

Ion Ratio Lower Upper

92 100

91 170.6 143.8 215.6

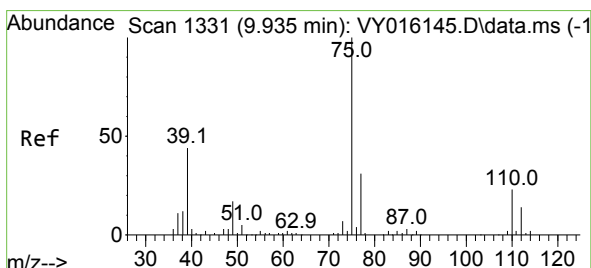
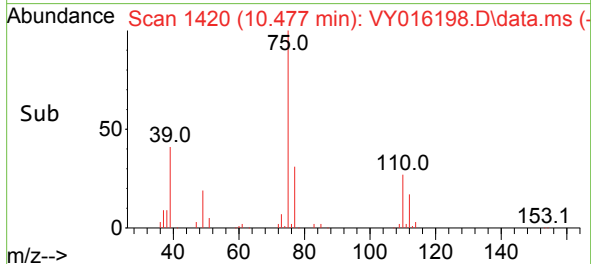
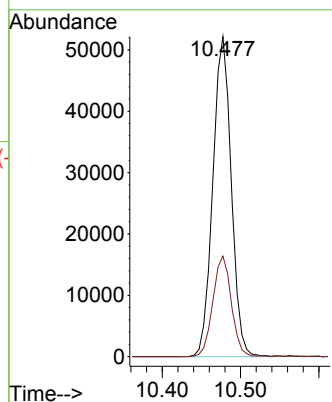
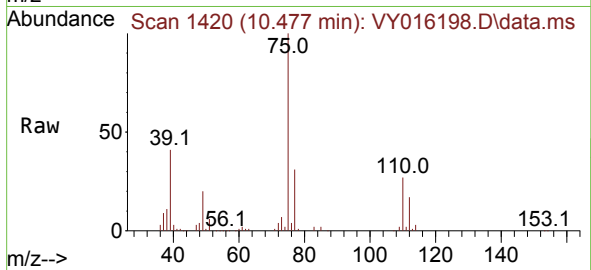




#53
 t-1,3-Dichloropropene
 Concen: 42.460 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

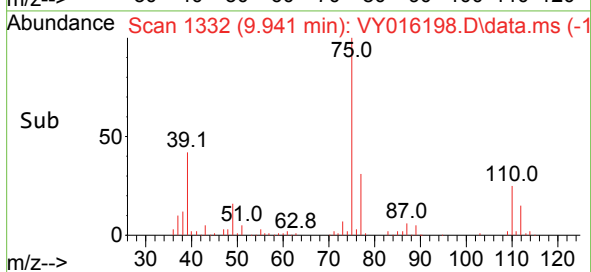
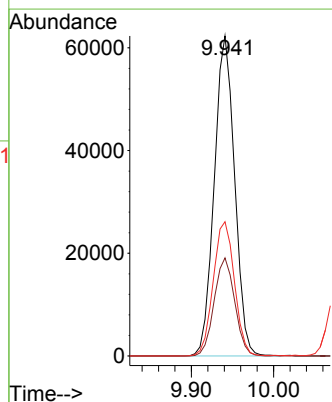
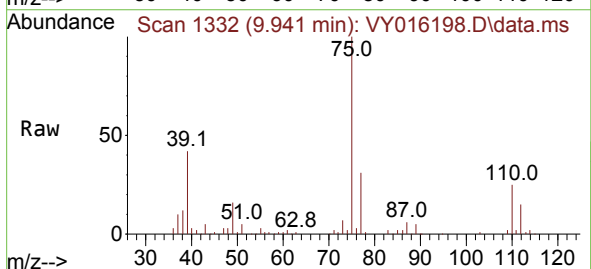
Instrument :
 MSVOA_Y
 ClientSampleId :

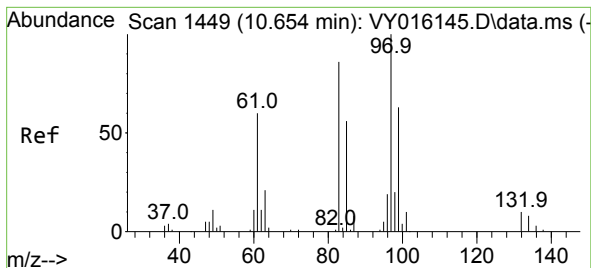
Tgt Ion: 75 Resp: 85257
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 45.533 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

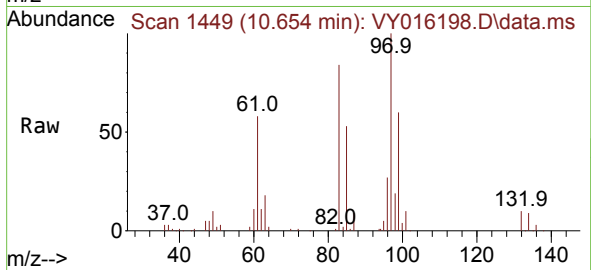
Tgt Ion: 75 Resp: 107283
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 42.0 42.2 63.4#





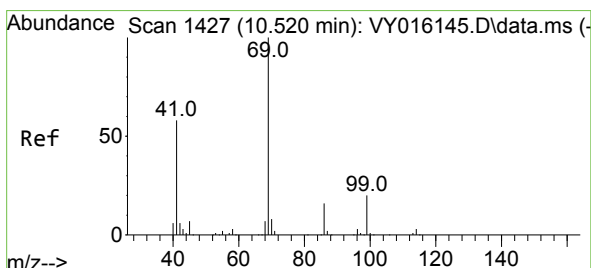
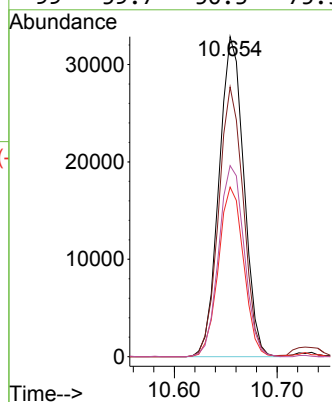
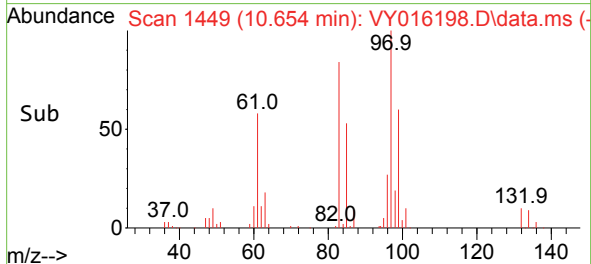
#55
1,1,2-Trichloroethane
Concen: 49.541 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 55168

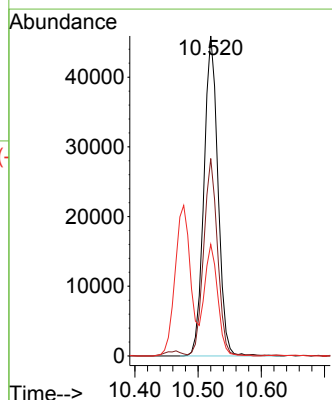
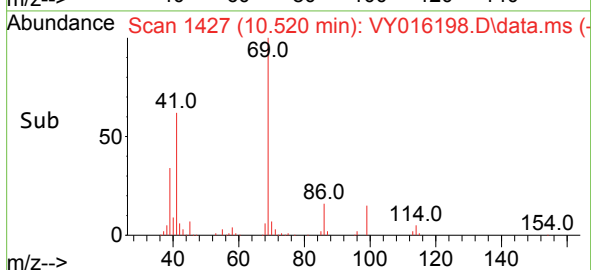
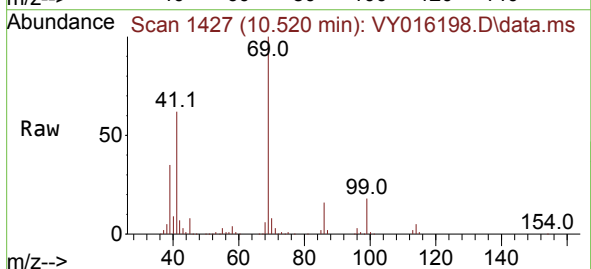
Ion	Ratio	Lower	Upper
97	100		
83	84.3	72.0	108.0
85	53.0	45.4	68.0
99	59.7	50.3	75.5

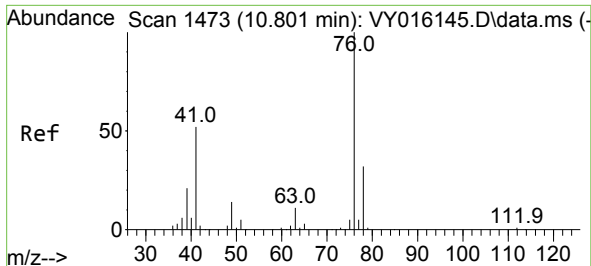


#56
Ethyl methacrylate
Concen: 49.098 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 69 Resp: 71006

Ion	Ratio	Lower	Upper
69	100		
41	60.7	57.6	86.4
39	32.4	34.1	51.1#

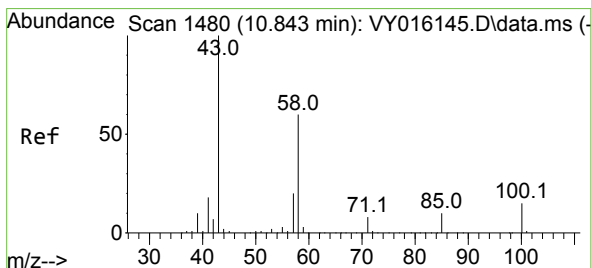
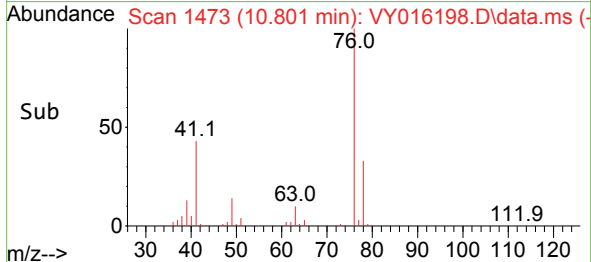
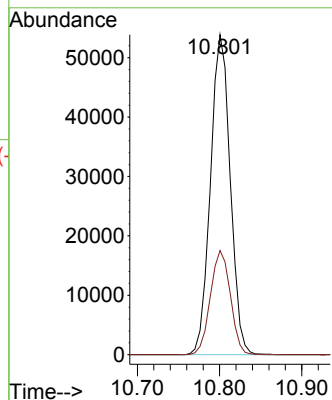
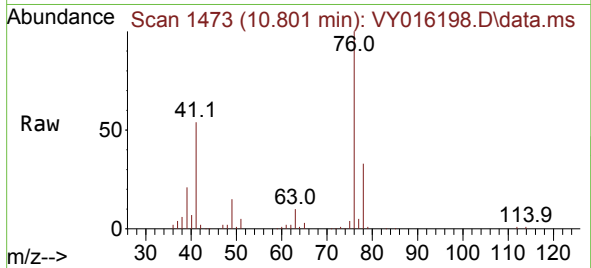




#57
1,3-Dichloropropane
Concen: 47.489 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

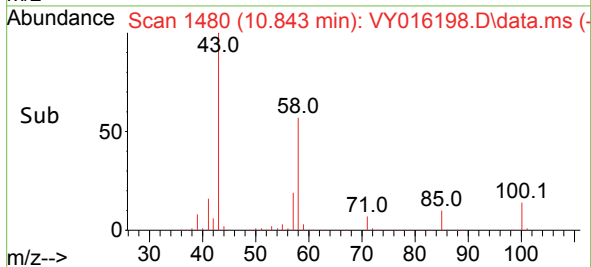
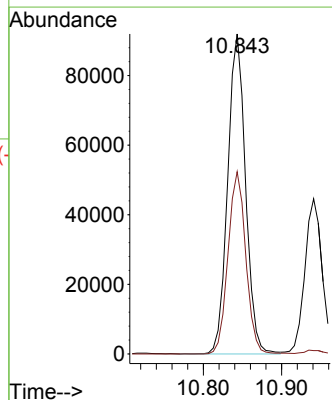
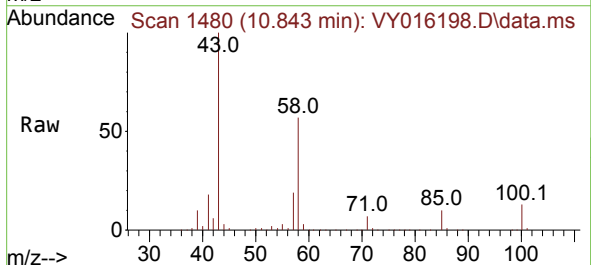
Instrument :
MSVOA_Y
ClientSampleId :

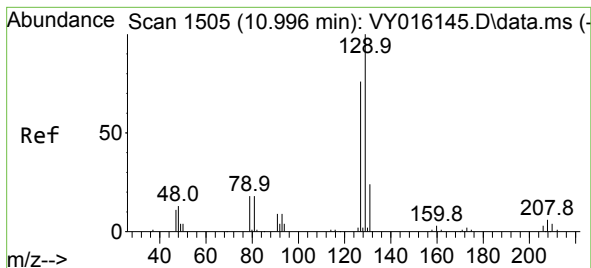
Tgt Ion: 76 Resp: 90028
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#59
2-Hexanone
Concen: 239.483 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 43 Resp: 145777
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3





#60

Dibromochloromethane

Concen: 47.654 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

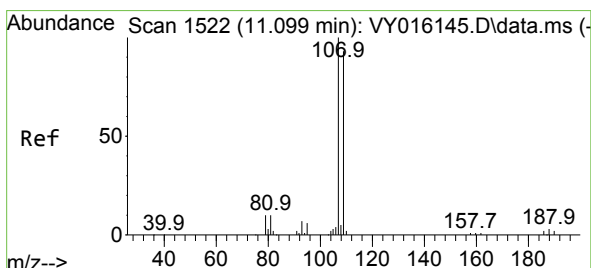
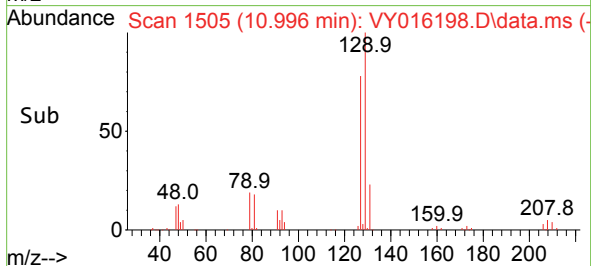
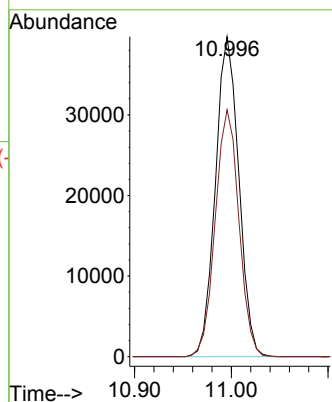
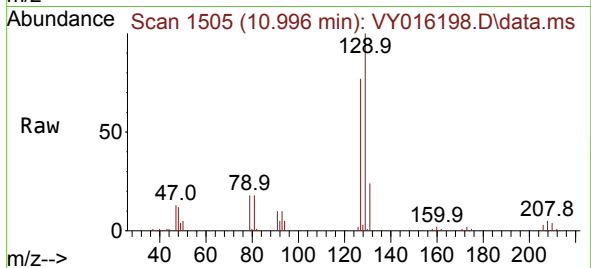
ClientSampleId :

Tgt Ion:129 Resp: 66575

Ion Ratio Lower Upper

129 100

127 78.0 38.5 115.5



#61

1,2-Dibromoethane

Concen: 44.161 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VY016198.D

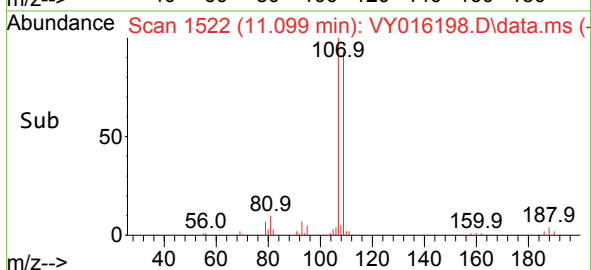
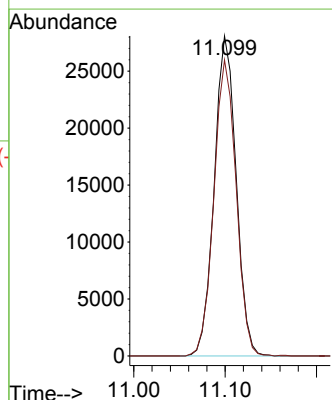
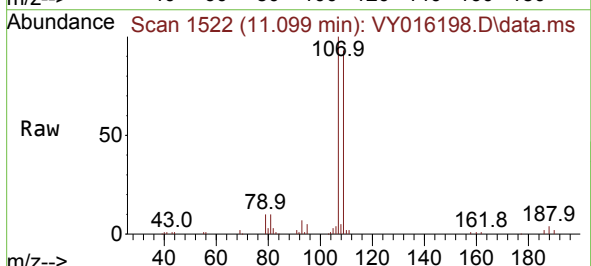
Acq: 02 Nov 2023 18:17

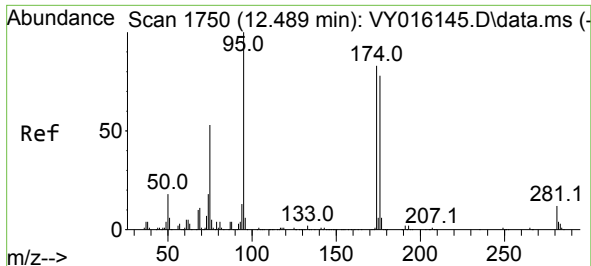
Tgt Ion:107 Resp: 46776

Ion Ratio Lower Upper

107 100

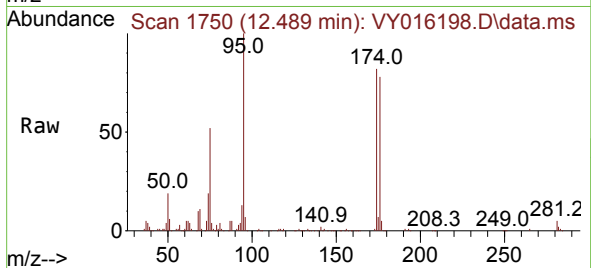
109 93.9 75.6 113.4



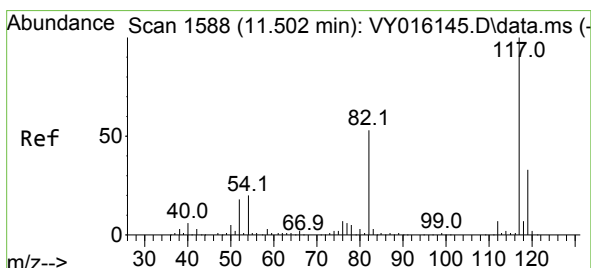
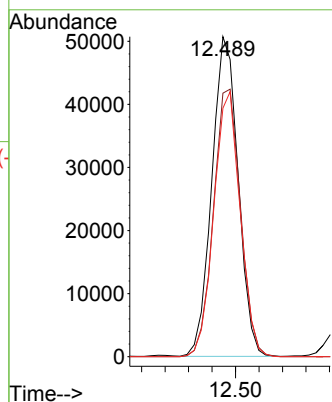
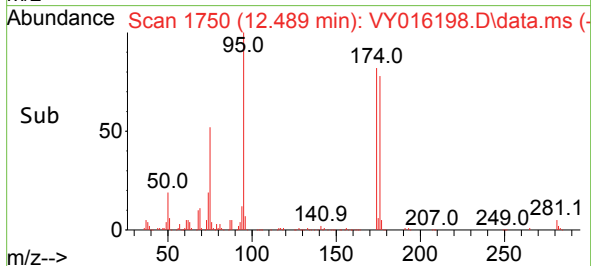


#62
4-Bromofluorobenzene
Concen: 41.386 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :

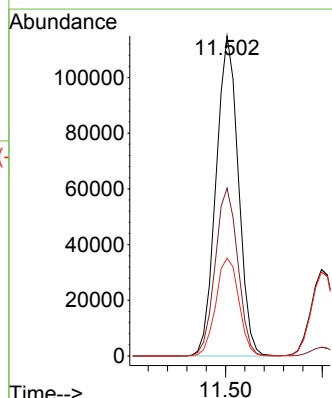
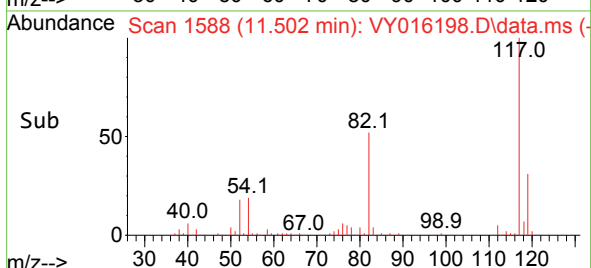
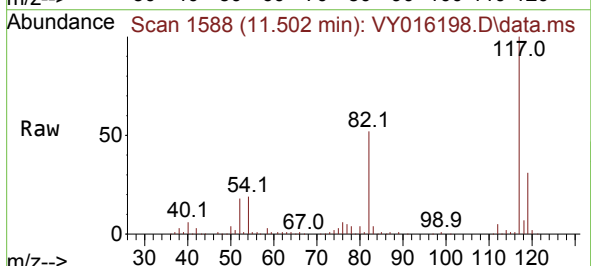


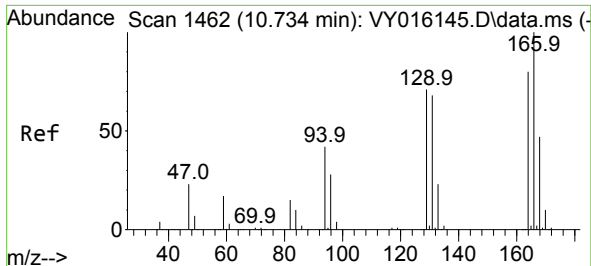
Tgt Ion: 95 Resp: 78518
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

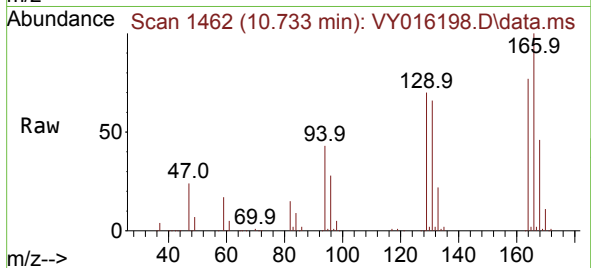
Tgt Ion: 117 Resp: 183904
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 30.6 26.3 39.5



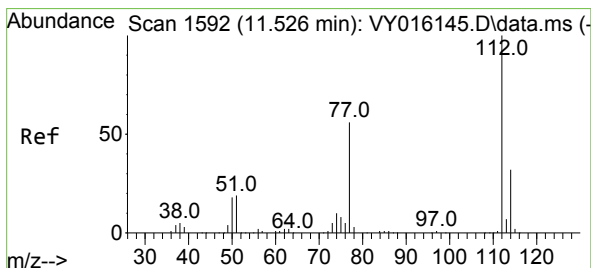
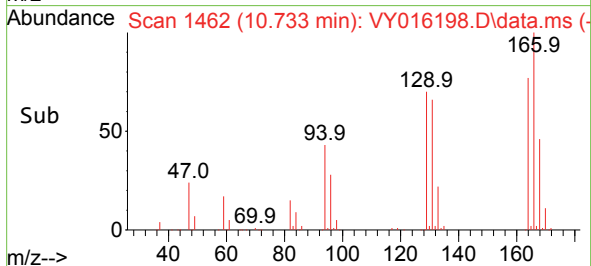
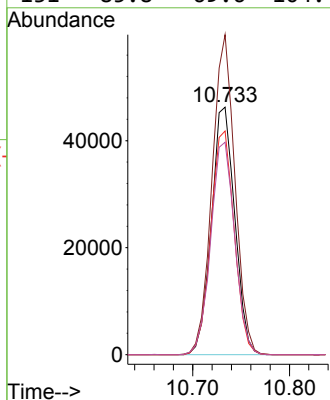


#64
Tetrachloroethene
Concen: 47.521 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :

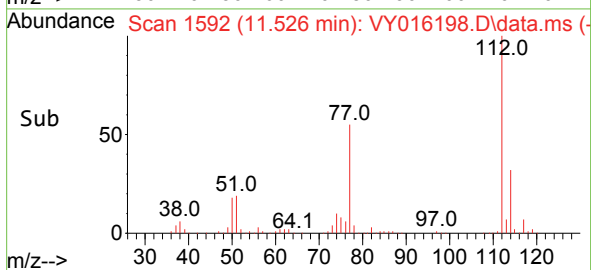
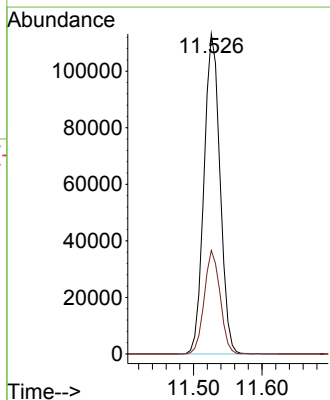
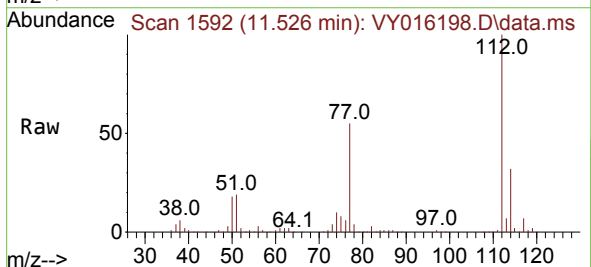


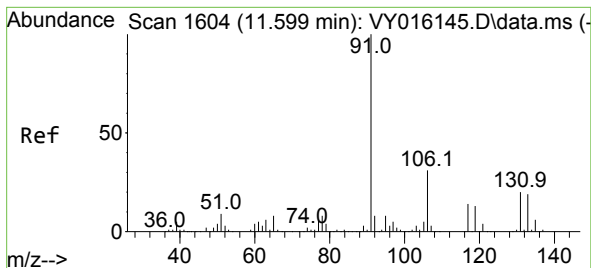
Tgt Ion:164 Resp: 77735
Ion Ratio Lower Upper
164 100
166 129.3 103.0 154.6
129 90.4 77.2 115.8
131 85.8 69.6 104.4



#65
Chlorobenzene
Concen: 50.441 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:112 Resp: 184299
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

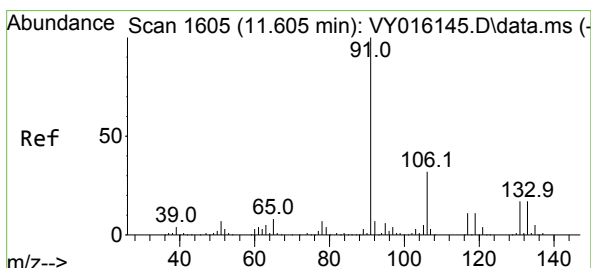
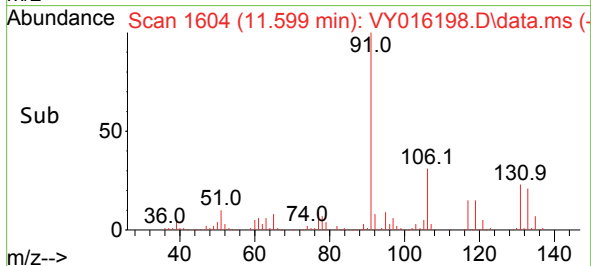
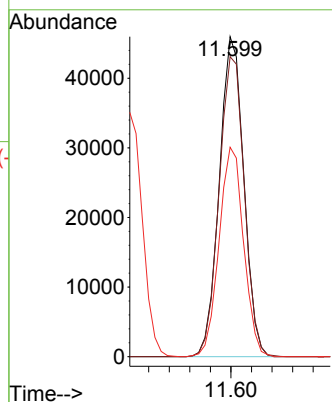
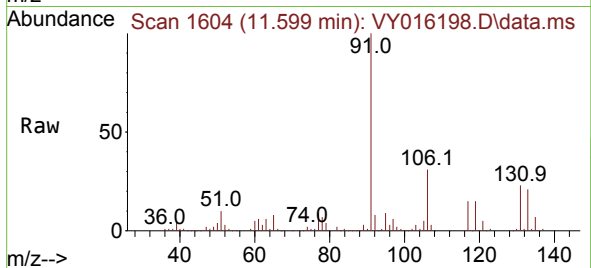




#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.099 ug/l
 RT: 11.599 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

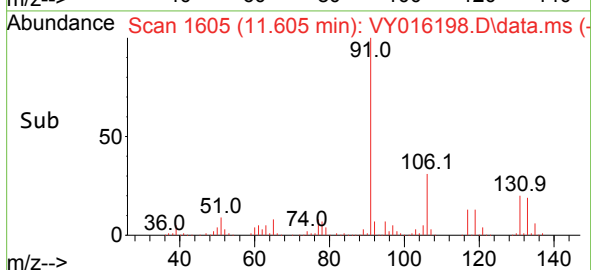
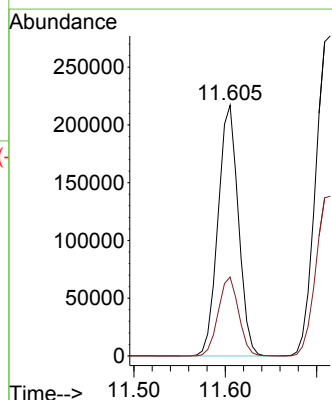
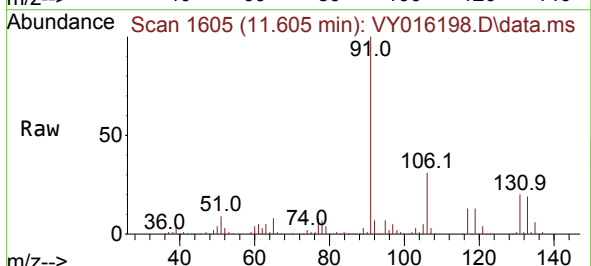
Instrument :
 MSVOA_Y
 ClientSampleId :

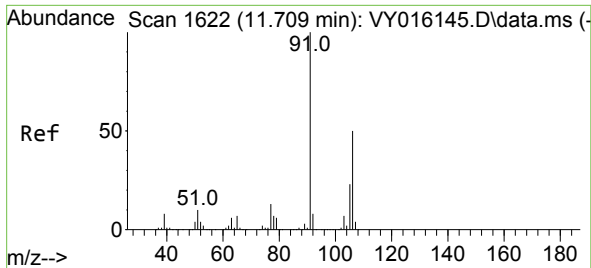
Tgt Ion:131 Resp: 75919
 Ion Ratio Lower Upper
 131 100
 133 96.6 47.5 142.6
 119 65.6 31.6 94.7



#67
 Ethyl Benzene
 Concen: 51.422 ug/l
 RT: 11.605 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

Tgt Ion: 91 Resp: 336048
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.6 36.8

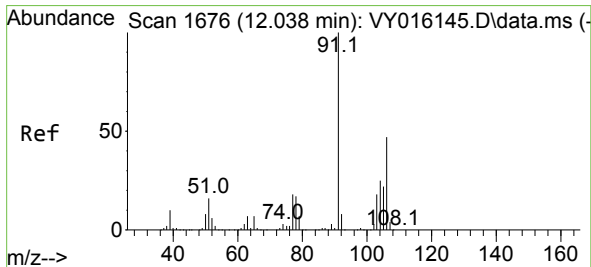
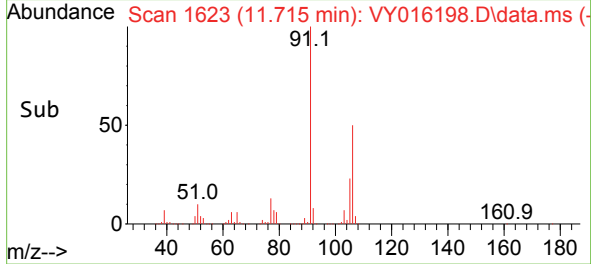
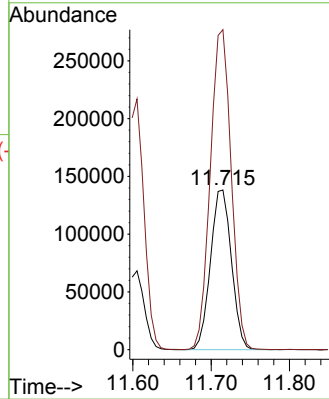
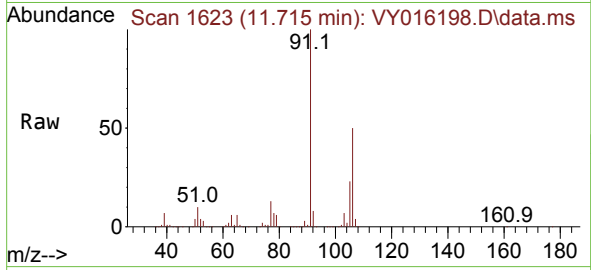




#68
m/p-Xylenes
Concen: 101.690 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

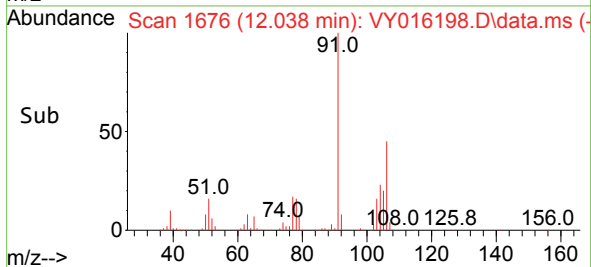
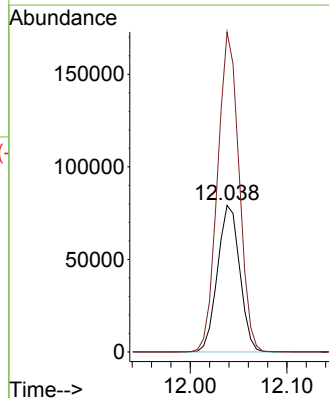
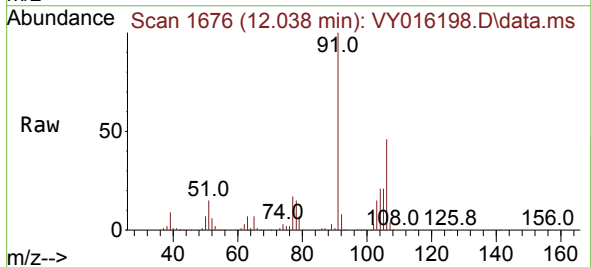
Instrument :
MSVOA_Y
ClientSampleId :

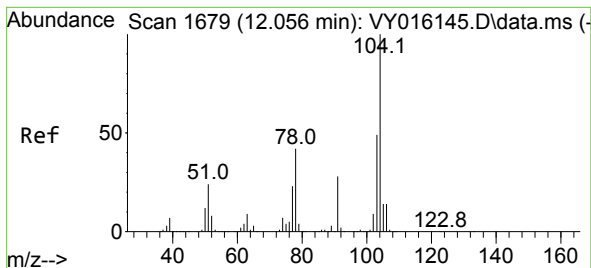
Tgt Ion:106 Resp: 256795
Ion Ratio Lower Upper
106 100
91 200.0 166.1 249.1



#69
o-Xylene
Concen: 52.386 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:106 Resp: 126309
Ion Ratio Lower Upper
106 100
91 211.3 108.1 324.3





#70

Styrene

Concen: 48.356 ug/l

RT: 12.056 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

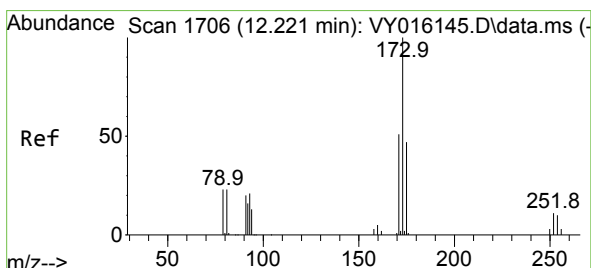
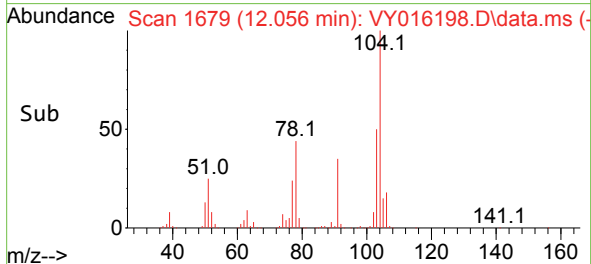
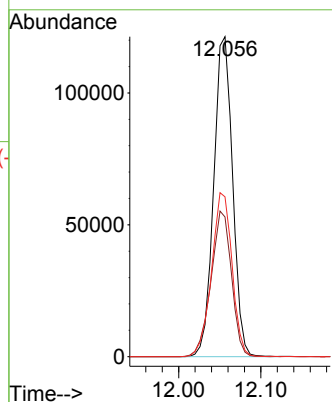
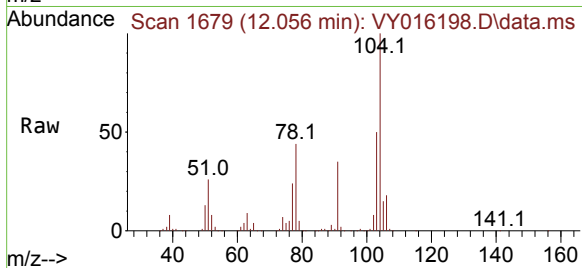
Tgt Ion:104 Resp: 193824

Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 55.5 44.6 67.0



#71

Bromoform

Concen: 51.865 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

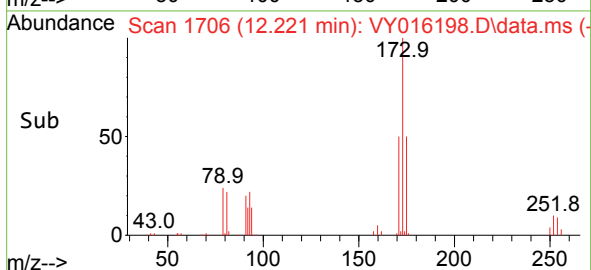
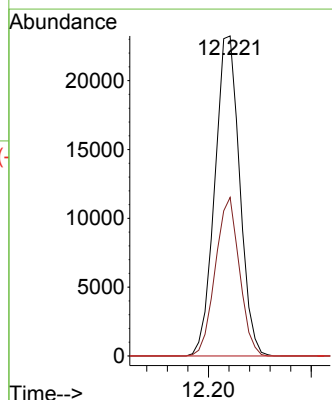
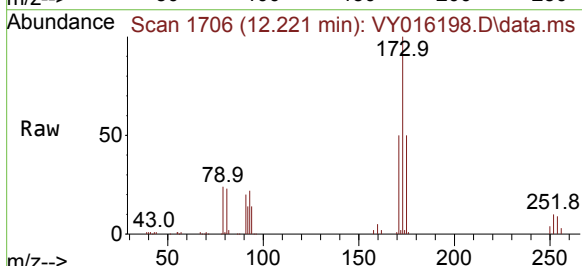
Tgt Ion:173 Resp: 38938

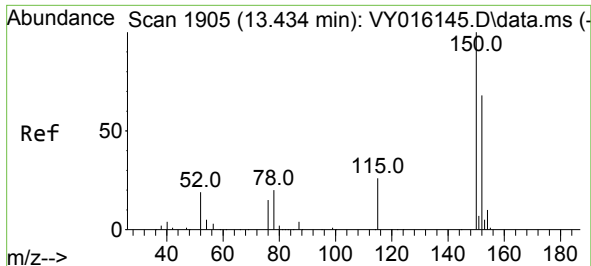
Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

254 0.0 0.2 0.2#

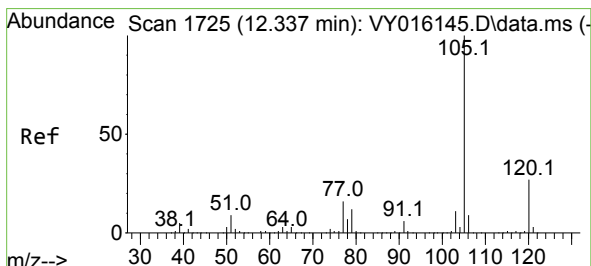
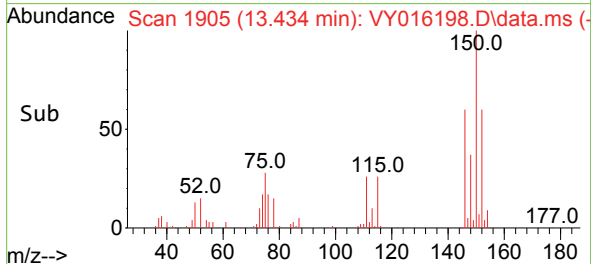
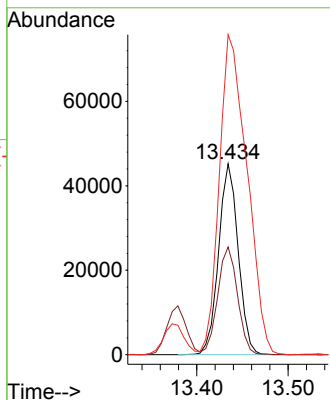
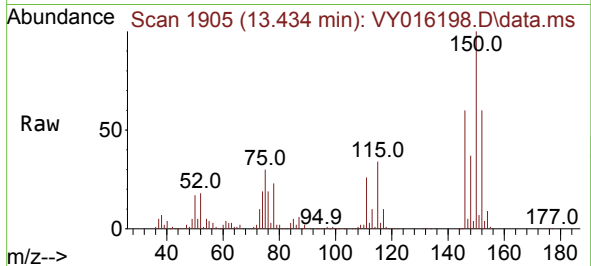




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

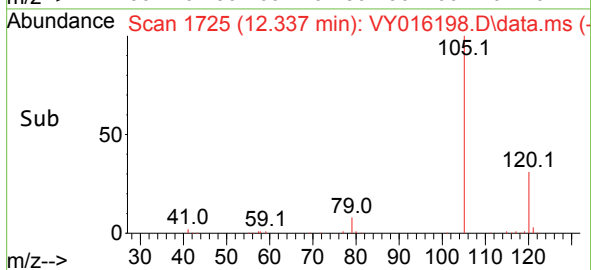
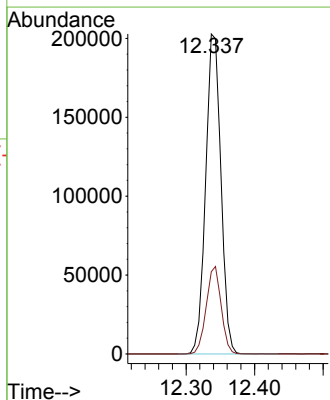
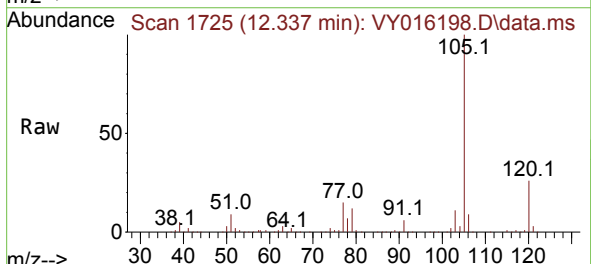
Instrument :
MSVOA_Y
ClientSampleId :

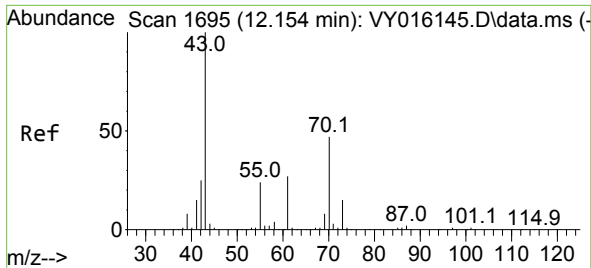
Tgt Ion:152 Resp: 67451
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 236.4 0.0 348.8



#73
Isopropylbenzene
Concen: 62.129 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:105 Resp: 314354
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

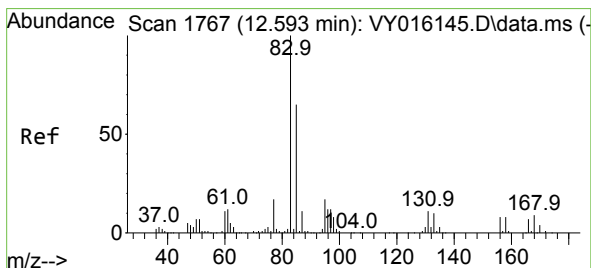
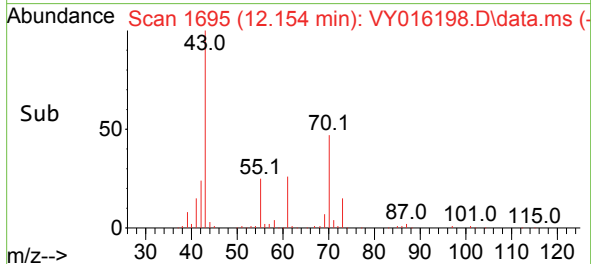
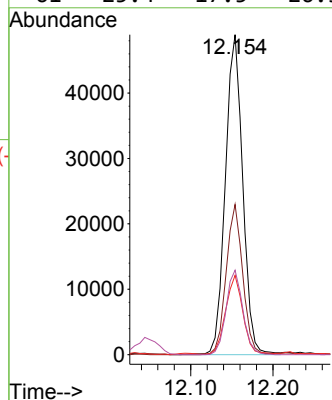
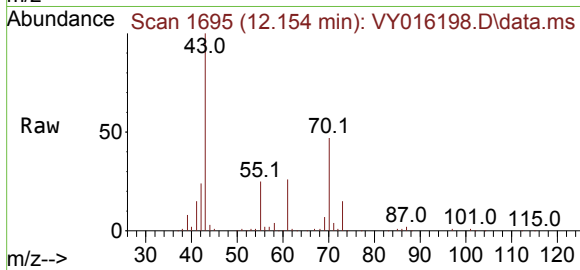




#74
N-amy1 acetate
Concen: 65.492 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

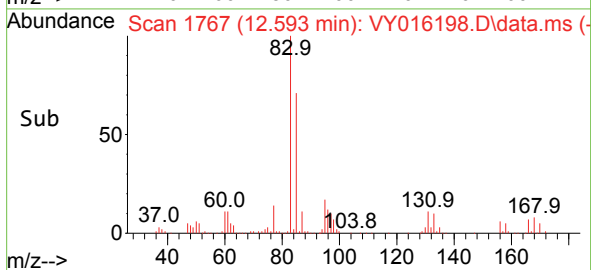
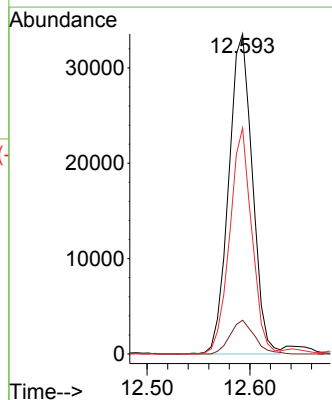
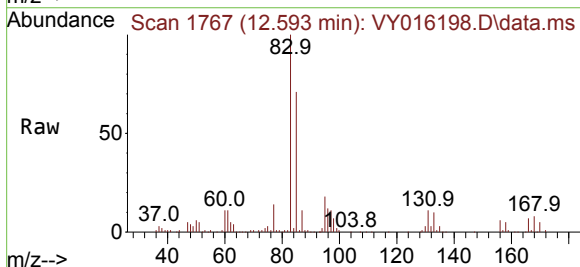
Instrument :
MSVOA_Y
ClientSampleId :

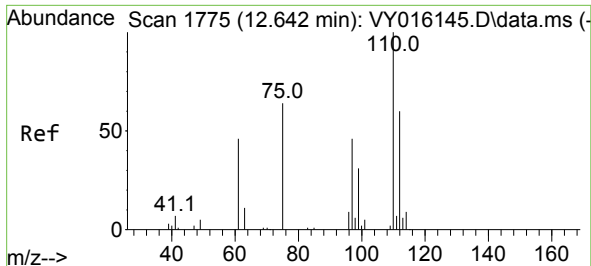
Tgt Ion:	43	Resp:	72009
Ion	Ratio	Lower	Upper
43	100		
70	44.9	29.7	44.5#
55	24.3	18.3	27.5
61	25.4	17.5	26.3



#75
1,1,2,2-Tetrachloroethane
Concen: 66.862 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:	83	Resp:	53832
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	66.1	31.8	95.4

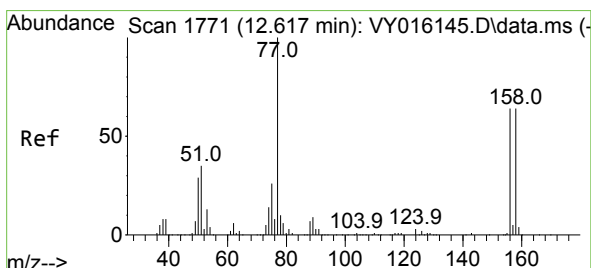
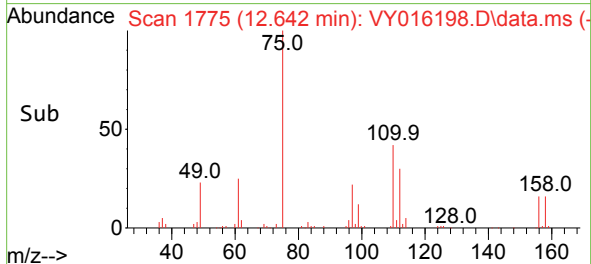
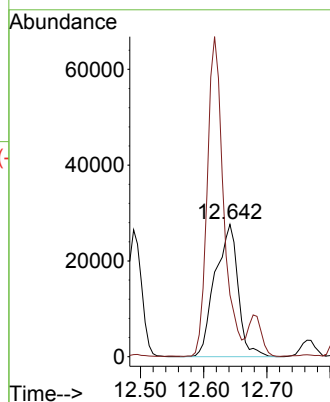
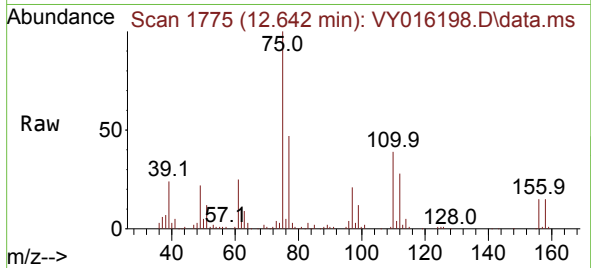




#76
1,2,3-Trichloropropane
Concen: 109.472 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

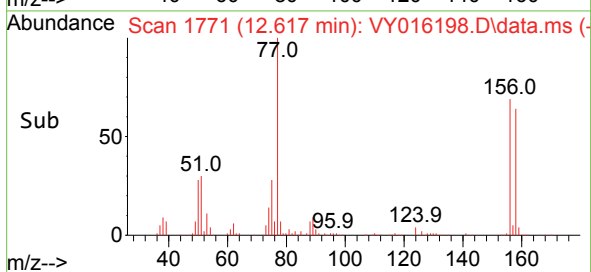
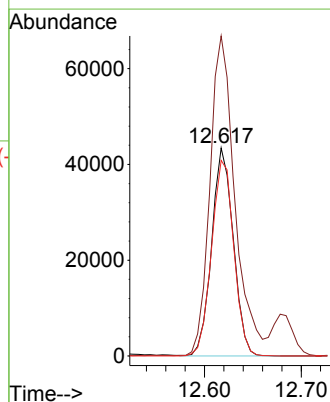
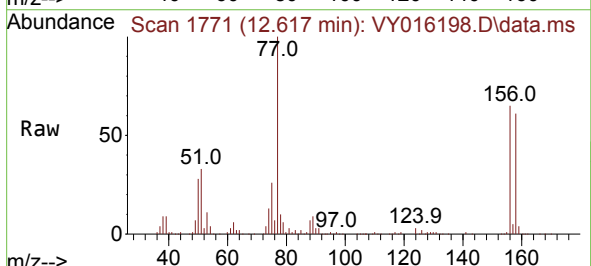
Instrument :
MSVOA_Y
ClientSampleId :

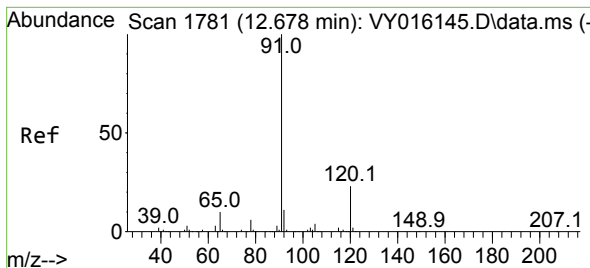
Tgt Ion: 75 Resp: 69536
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 58.750 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:156 Resp: 67308
Ion Ratio Lower Upper
156 100
77 177.2 92.8 278.6
158 97.4 48.4 145.3





#78

n-propylbenzene

Concen: 56.577 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

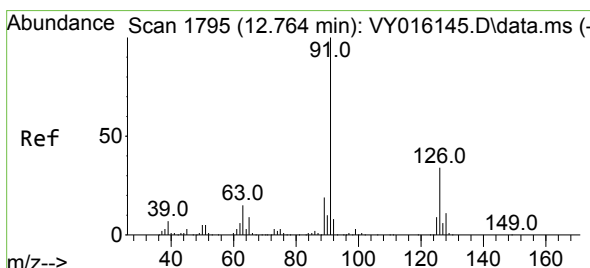
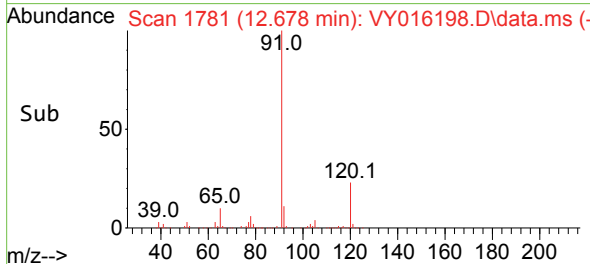
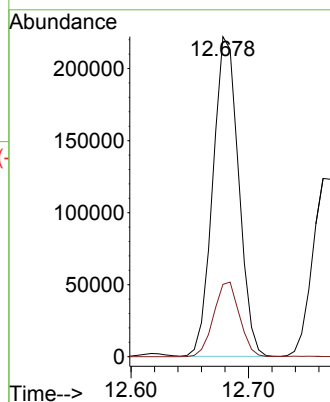
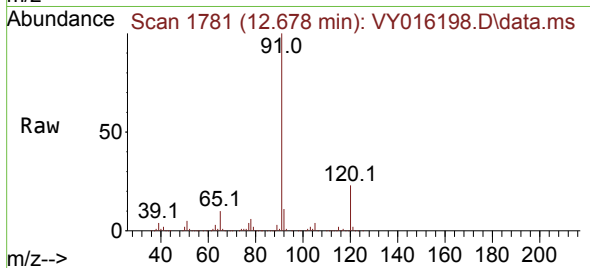
ClientSampleId :

Tgt Ion: 91 Resp: 338436

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 59.600 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY016198.D

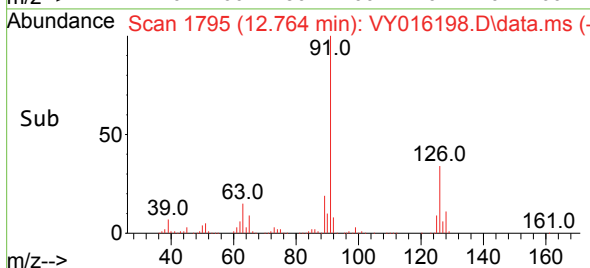
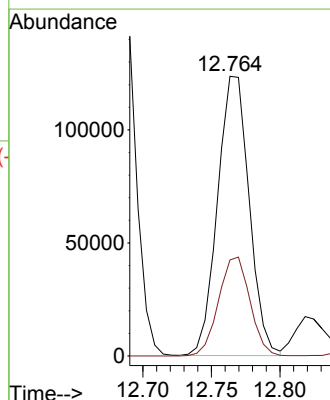
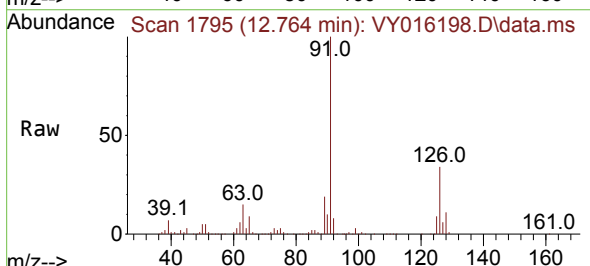
Acq: 02 Nov 2023 18:17

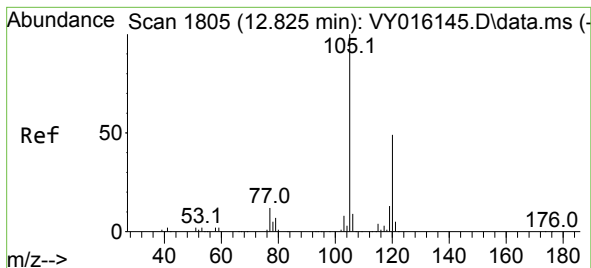
Tgt Ion: 91 Resp: 198847

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 58.243 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

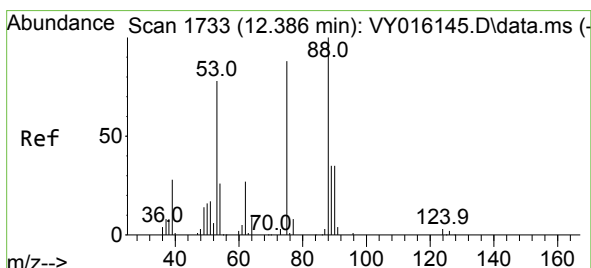
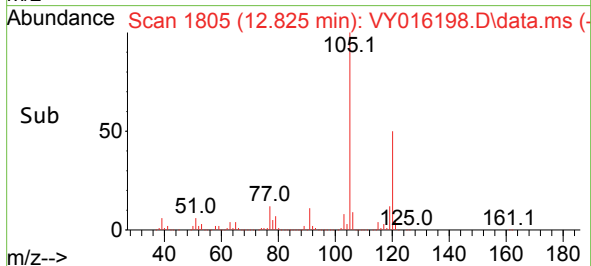
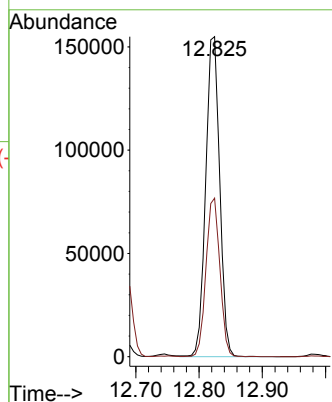
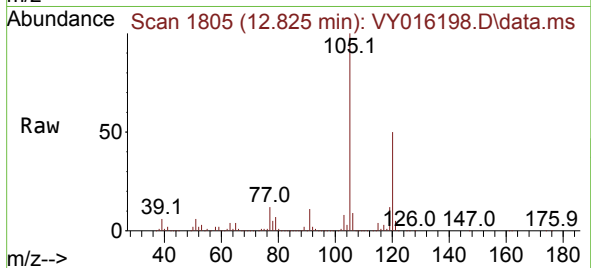
ClientSampleId :

Tgt Ion:105 Resp: 238748

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 57.442 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

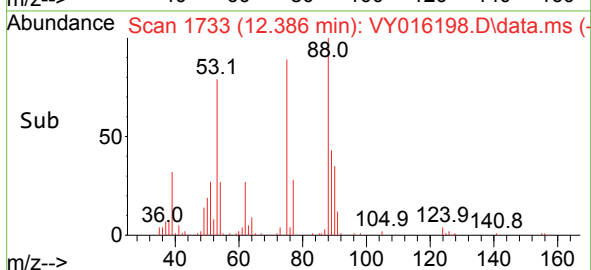
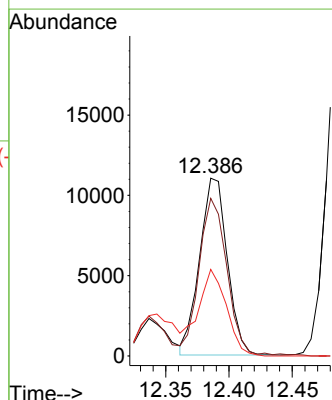
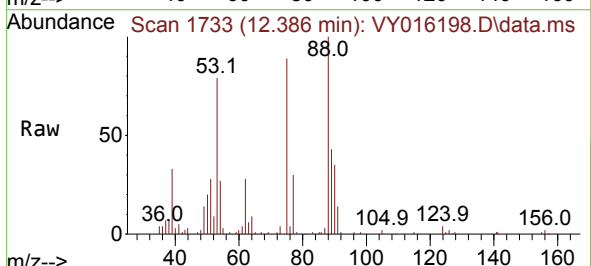
Tgt Ion: 75 Resp: 16828

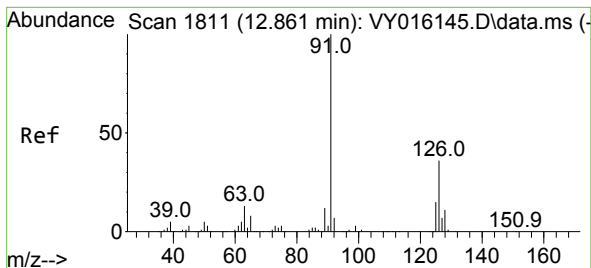
Ion Ratio Lower Upper

75 100

53 90.4 77.8 116.8

89 50.5 37.4 56.0

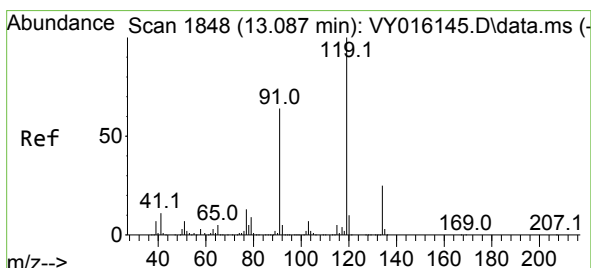
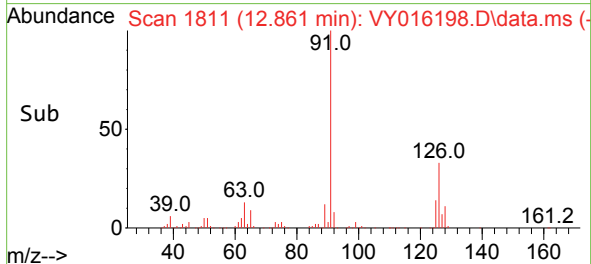
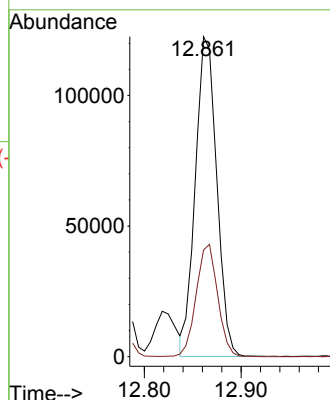
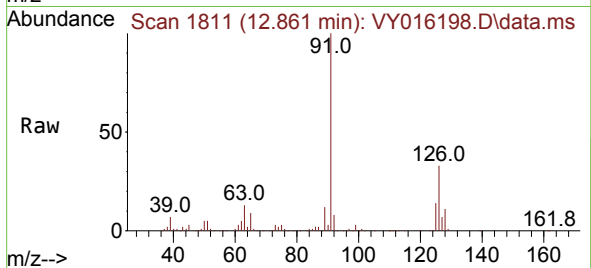




#82
4-Chlorotoluene
Concen: 55.033 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

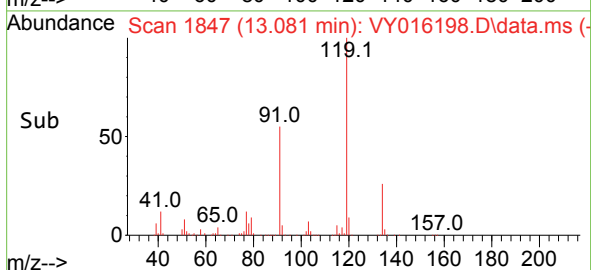
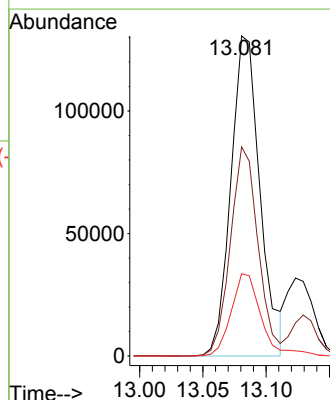
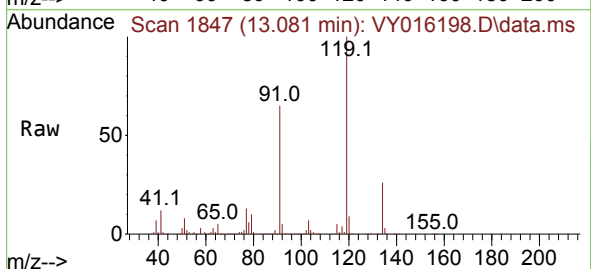
Instrument :
MSVOA_Y
ClientSampleId :

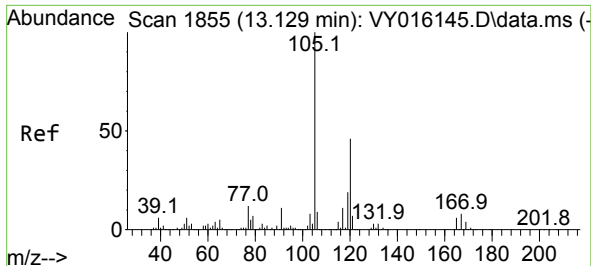
Tgt Ion: 91 Resp: 188542
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6



#83
tert-Butylbenzene
Concen: 57.171 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 119 Resp: 209690
Ion Ratio Lower Upper
119 100
91 62.1 32.9 98.6
134 26.4 13.0 38.9

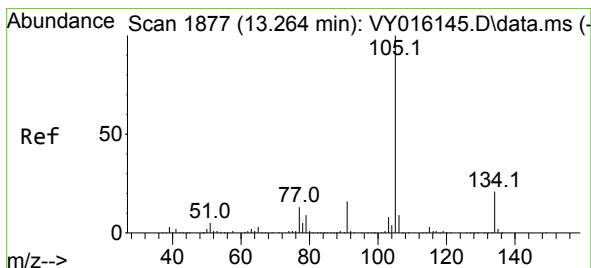
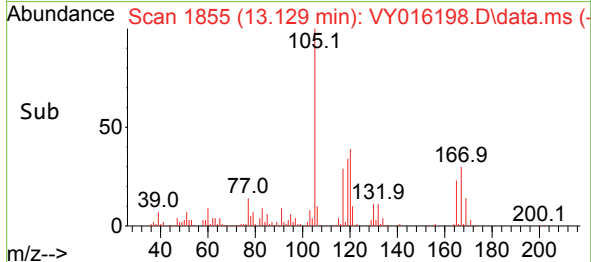
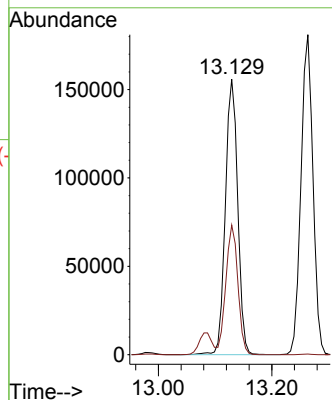
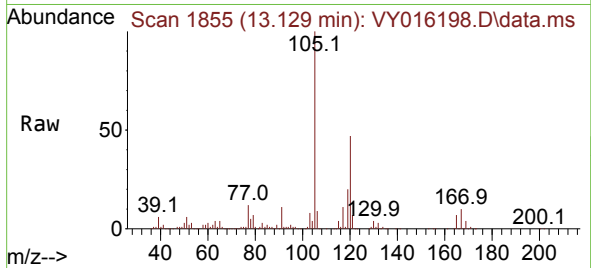




#84
1,2,4-Trimethylbenzene
Concen: 57.938 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

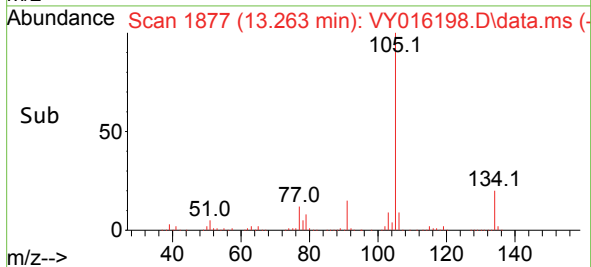
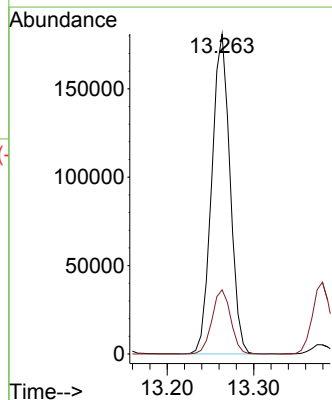
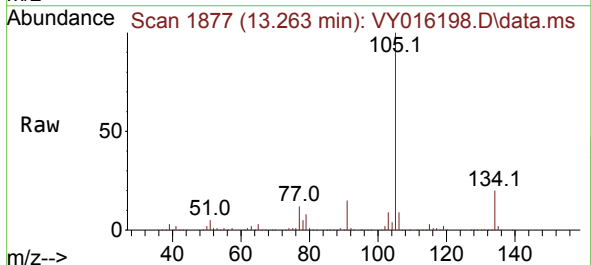
Instrument :
MSVOA_Y
ClientSampleId :

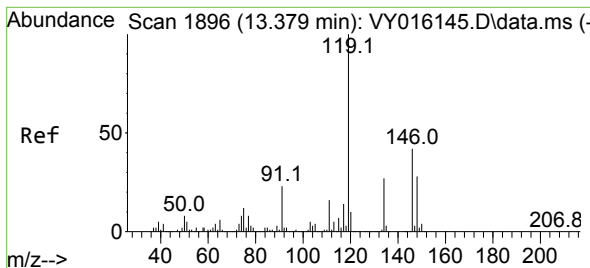
Tgt Ion:105 Resp: 235006
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6



#85
sec-Butylbenzene
Concen: 49.209 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:105 Resp: 264904
Ion Ratio Lower Upper
105 100
134 20.5 10.2 30.6





#86

p-Isopropyltoluene

Concen: 49.126 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

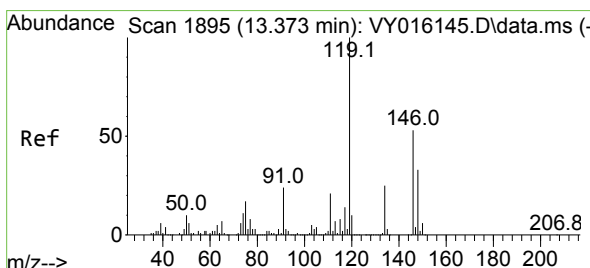
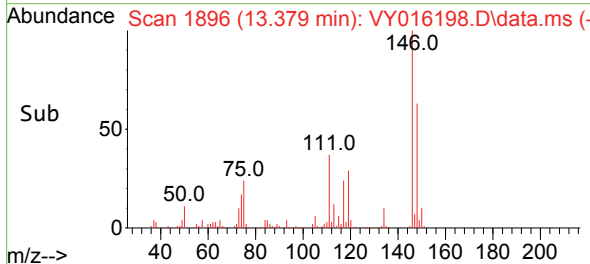
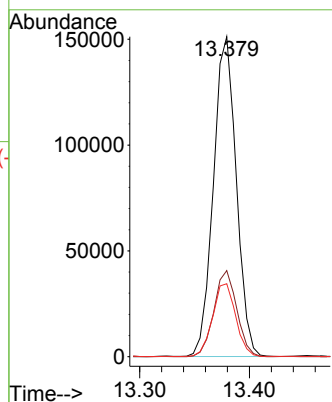
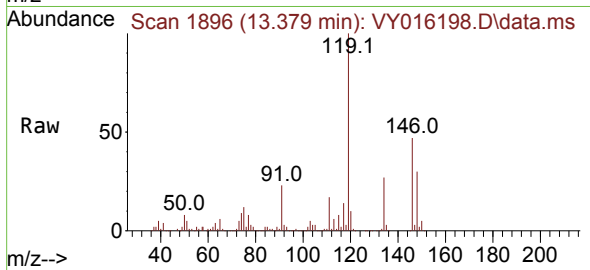
Tgt Ion:119 Resp: 219182

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.0 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 50.475 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

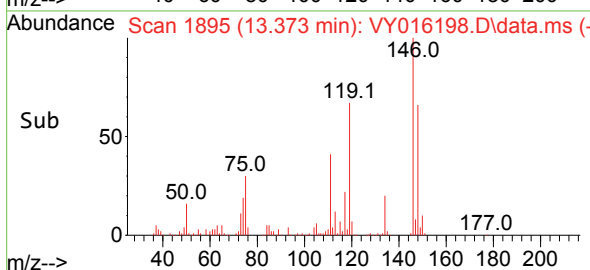
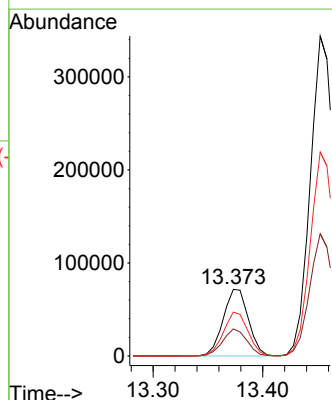
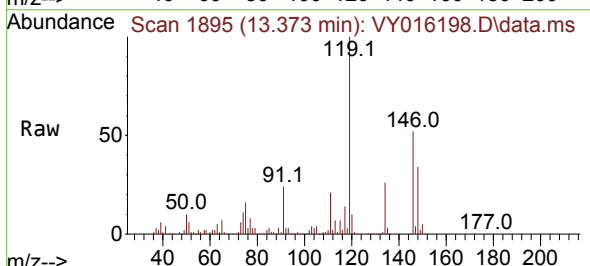
Tgt Ion:146 Resp: 114367

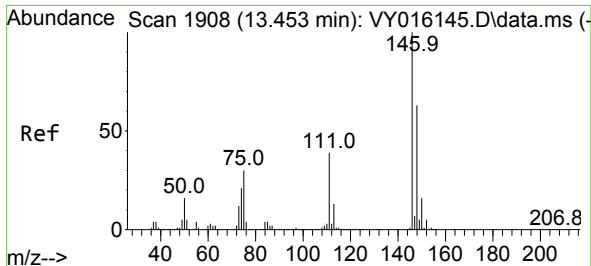
Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 64.2 31.9 95.5

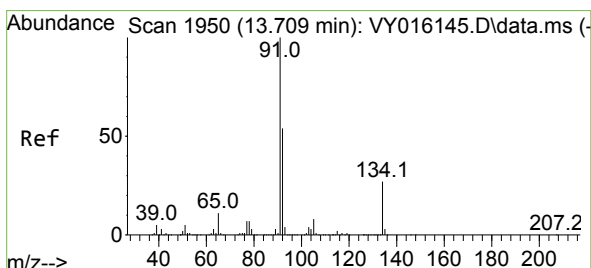
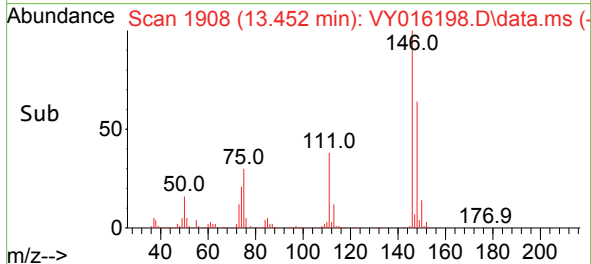
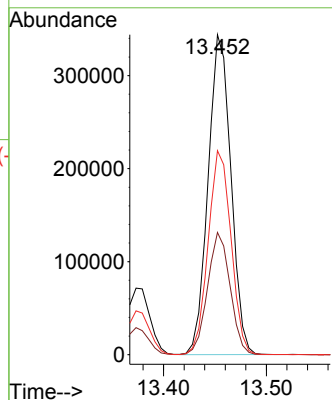
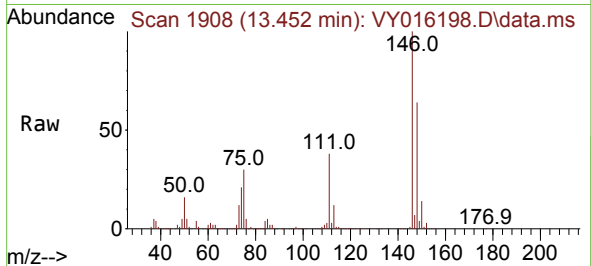




#88
1,4-Dichlorobenzene
Concen: 236.462 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

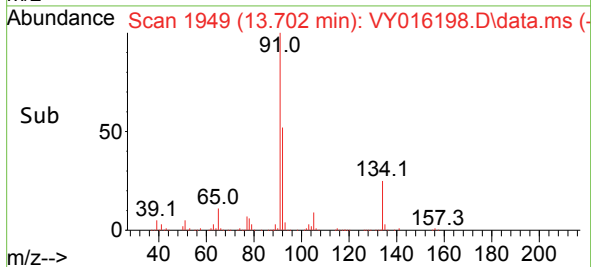
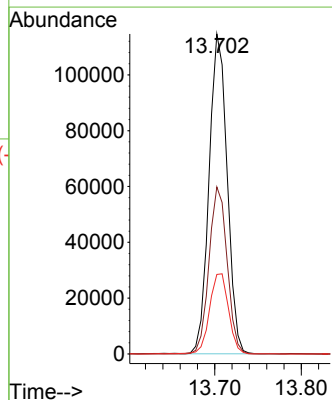
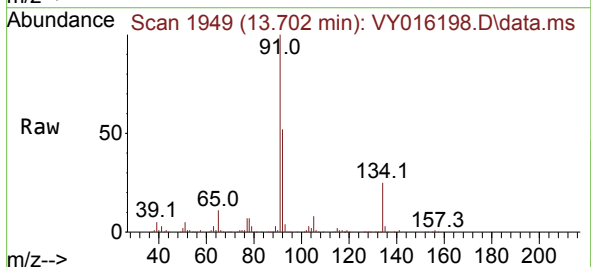
Instrument :
MSVOA_Y
ClientSampleId :

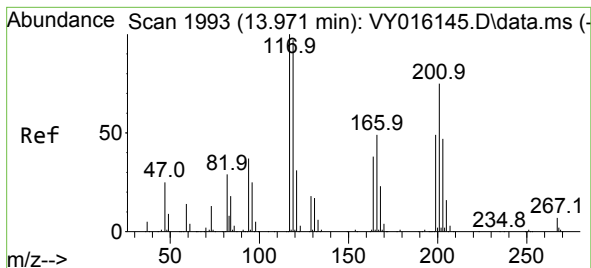
Tgt Ion:146 Resp: 529549
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 64.1 32.1 96.5



#89
n-Butylbenzene
Concen: 40.575 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 91 Resp: 166339
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 26.4 12.6 37.6

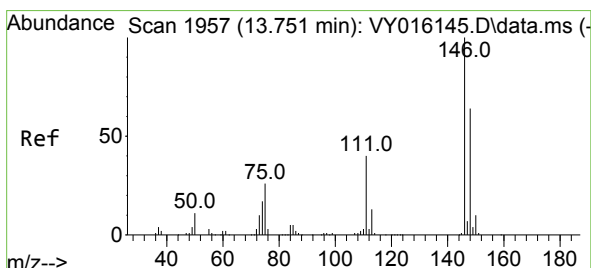
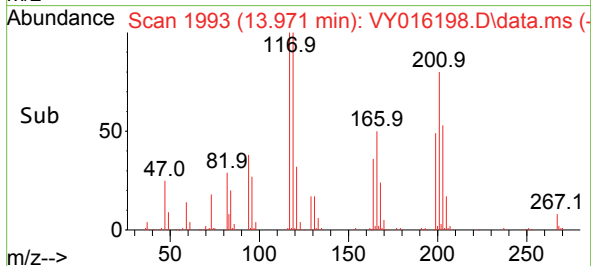
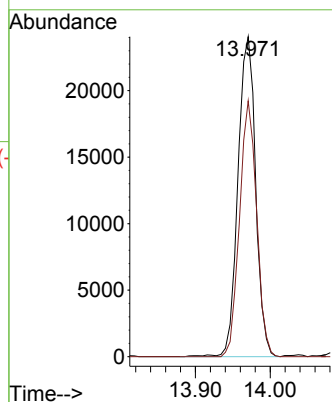
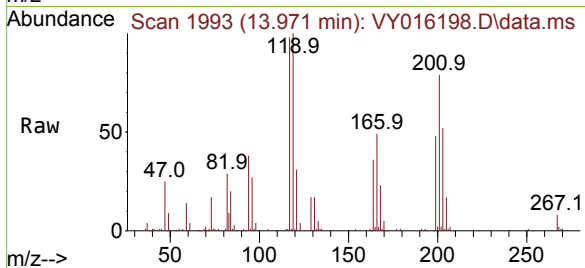




#90
Hexachloroethane
Concen: 51.443 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

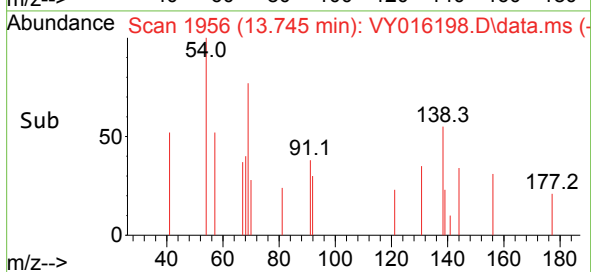
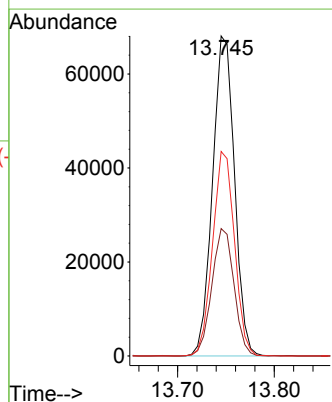
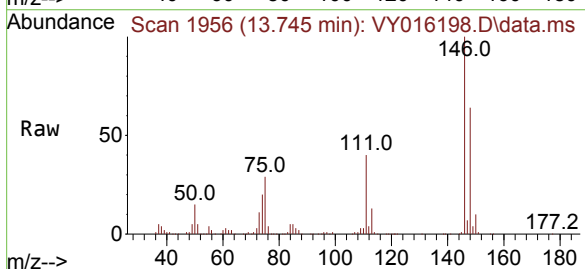
Instrument :
MSVOA_Y
ClientSampleId :

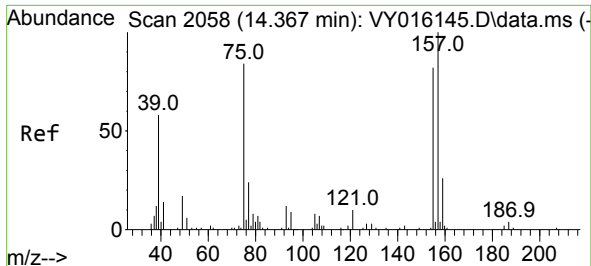
Tgt Ion:117 Resp: 39553
Ion Ratio Lower Upper
117 100
201 77.3 41.6 124.8



#91
1,2-Dichlorobenzene
Concen: 54.799 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion:146 Resp: 107281
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.8 32.0 96.2

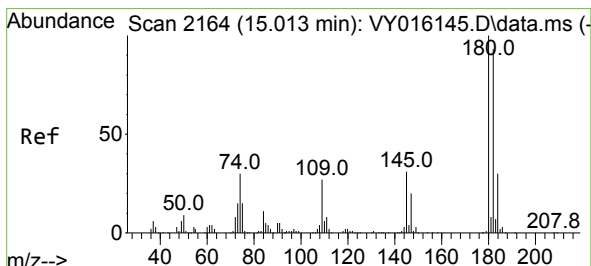
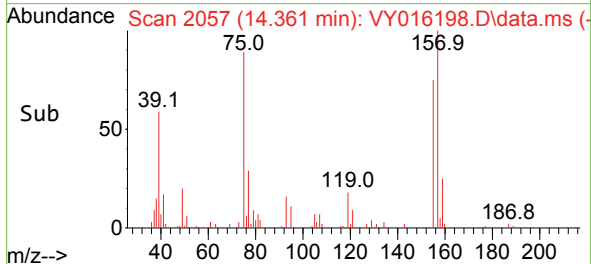
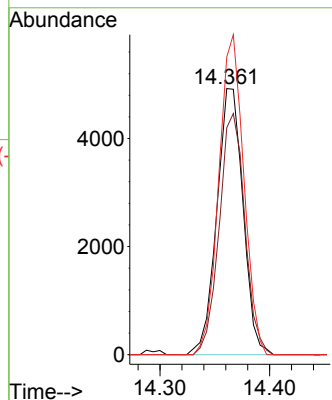
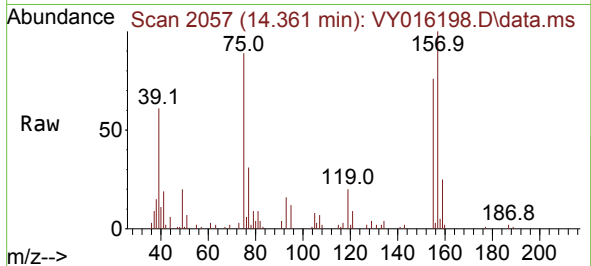




#92
1,2-Dibromo-3-Chloropropane
Concen: 56.694 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

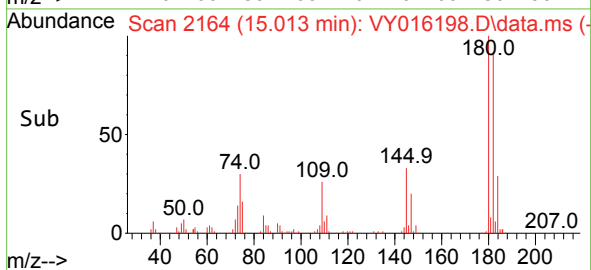
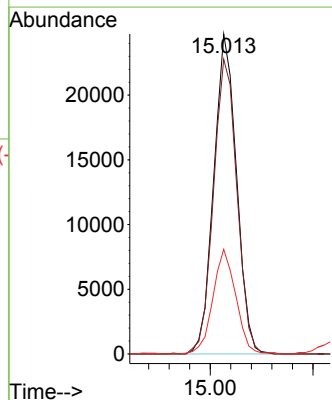
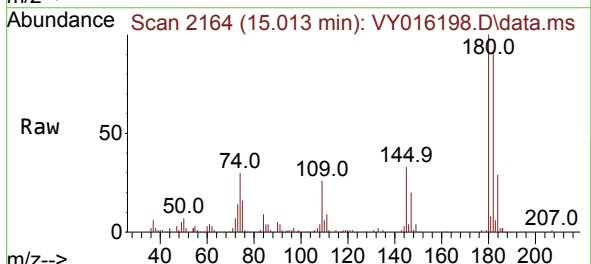
Instrument :
MSVOA_Y
ClientSampleId :

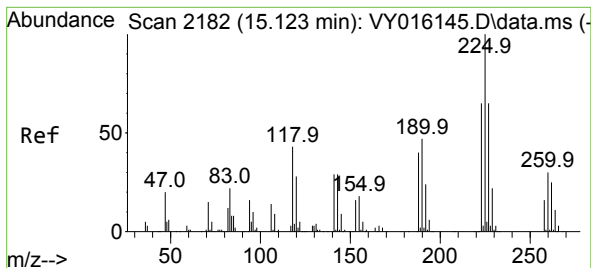
Tgt Ion: 75 Resp: 8169
Ion Ratio Lower Upper
75 100
155 88.5 41.5 124.6
157 114.4 51.8 155.5



#93
1,2,4-Trichlorobenzene
Concen: 31.446 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY016198.D
Acq: 02 Nov 2023 18:17

Tgt Ion: 180 Resp: 37997
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.2
145 32.9 14.5 43.5





#94

Hexachlorobutadiene

Concen: 21.089 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016198.D

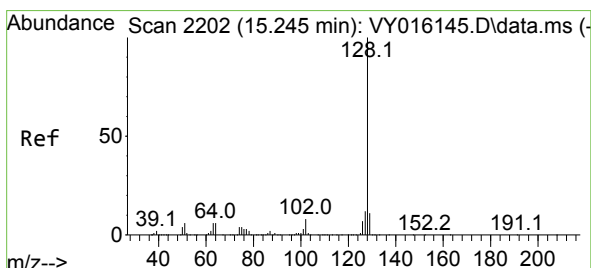
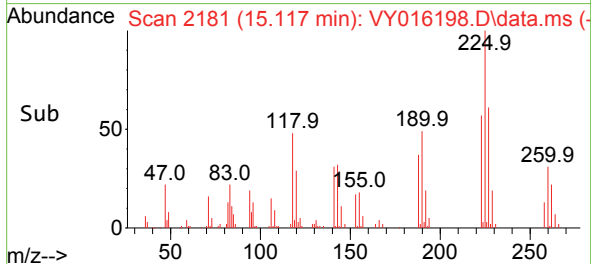
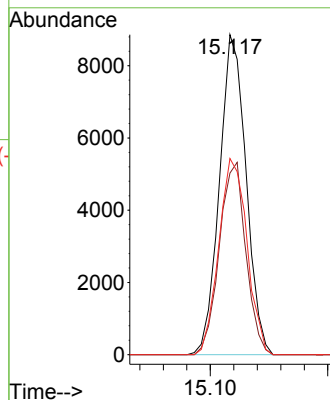
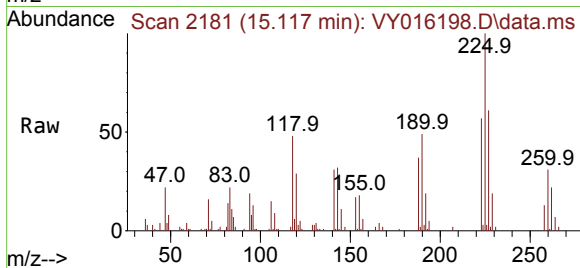
Acq: 02 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:225	Resp:	13925
Ion Ratio	Lower	Upper
225	100	
223	59.8	31.9 95.9
227	64.9	33.0 98.9



#95

Naphthalene

Concen: 52.957 ug/l

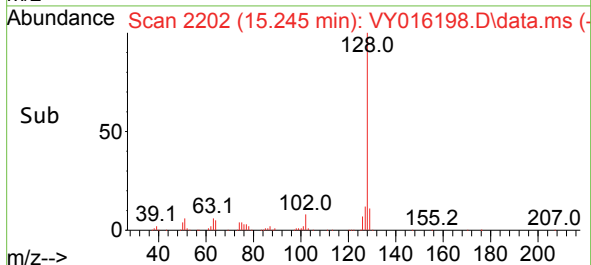
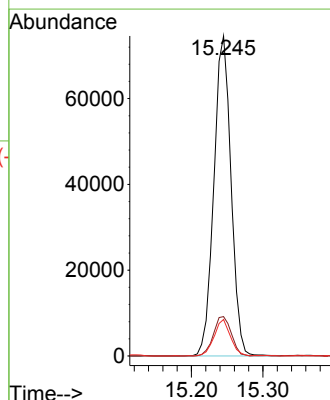
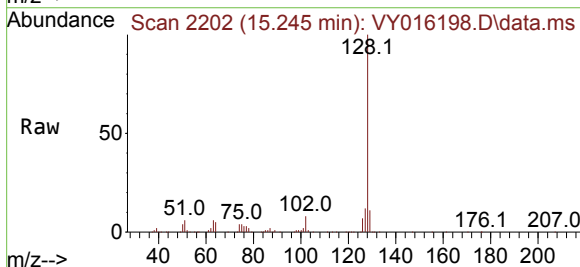
RT: 15.245 min Scan# 2202

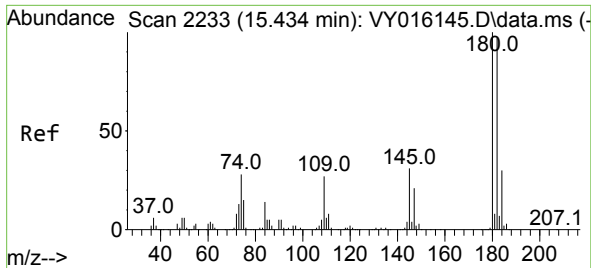
Delta R.T. -0.000 min

Lab File: VY016198.D

Acq: 02 Nov 2023 18:17

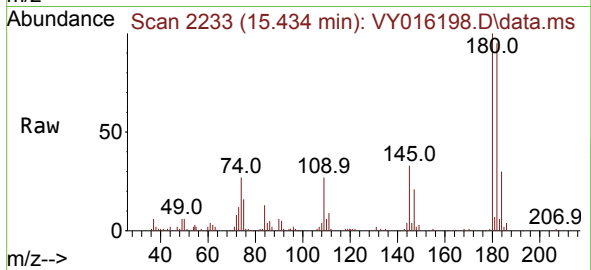
Tgt Ion:128	Resp:	124312
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.8 16.2
129	11.0	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 31.782 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016198.D
 Acq: 02 Nov 2023 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 32805
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.8
 145 34.3 15.4 46.2

