

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004561.D
 Acq On : 21 Apr 2021 17:19
 Operator : SY/MD
 Sample : M2099-03
 Misc : 5.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:19:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

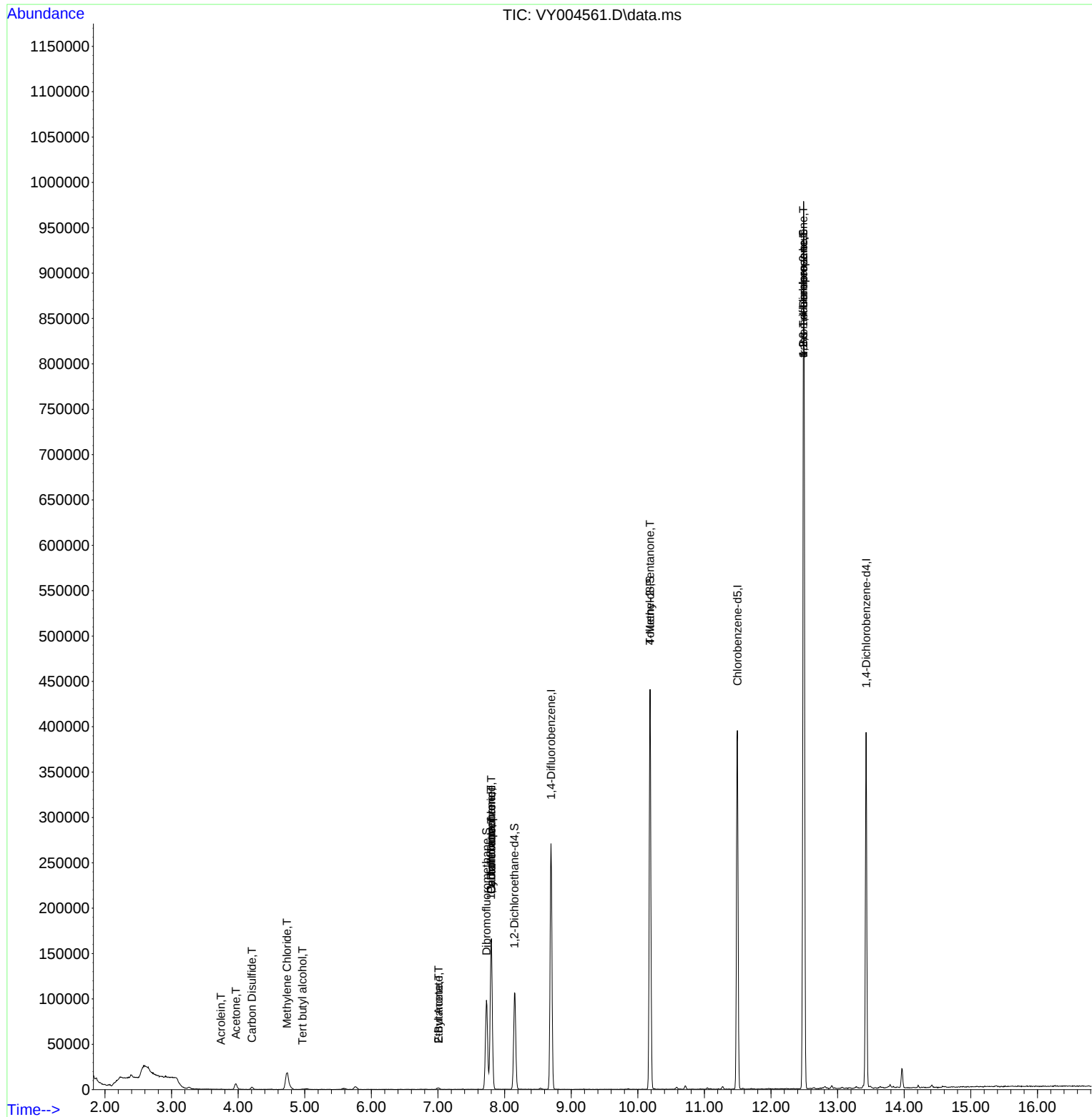
Internal Standards						
1) Pentafluorobenzene	7.801	168	123644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83409	60.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.44%			
35) Dibromofluoromethane	7.728	113	66385	54.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.00%			
50) Toluene-d8	10.185	98	270615	52.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.46%			
62) 4-Bromofluorobenzene	12.483	95	94305	53.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.28%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	526	3.89	ug/l #	73
13) Acrolein	3.741	56	222	1.48	ug/l	92
16) Acetone	3.967	43	10890	19.63	ug/l	94
17) Carbon Disulfide	4.204	76	4560	1.23	ug/l #	82
20) Methylene Chloride	4.735	84	13069	9.85	ug/l	98
25) 2-Butanone	7.009	43	3176	6.07	ug/l #	86
31) Cyclohexane	7.801	56	3201	1.27	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	10351	4.75	ug/l #	50
37) Ethyl Acetate	7.009	43	3176	2.26	ug/l #	70
38) Carbon Tetrachloride	7.801	117	12477	6.62	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1523	1.11	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	58978	61.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58978	109.69	ug/l #	14

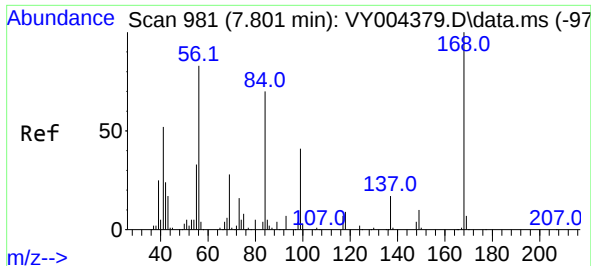
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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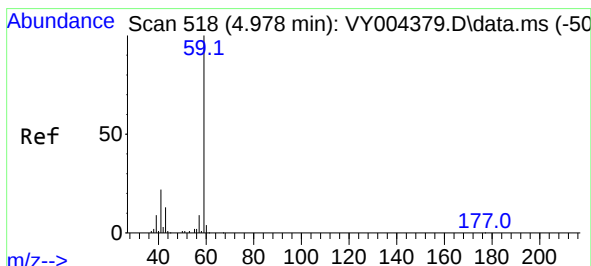
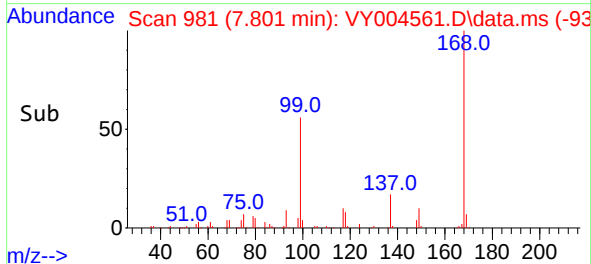
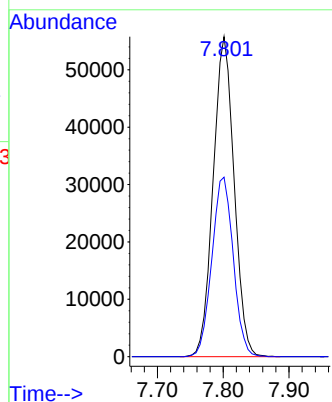
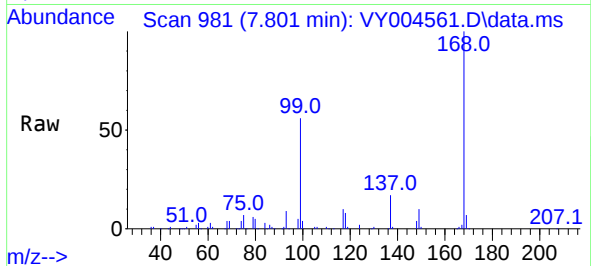




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

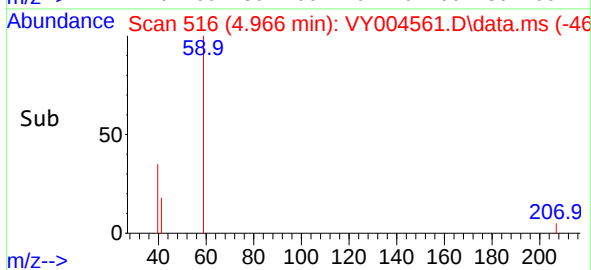
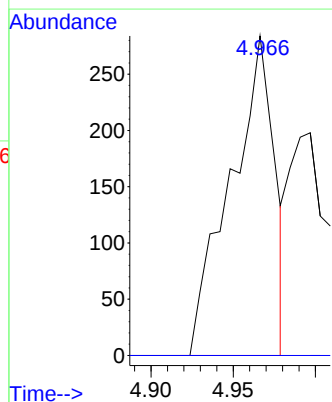
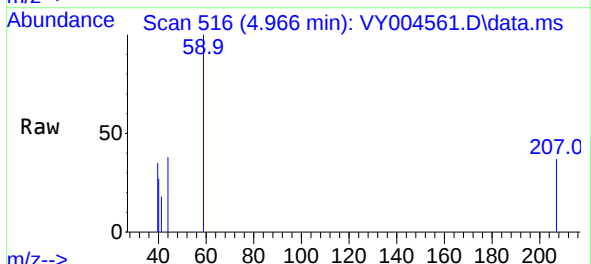
Instrument :
MSVOA_Y
ClientSampled :

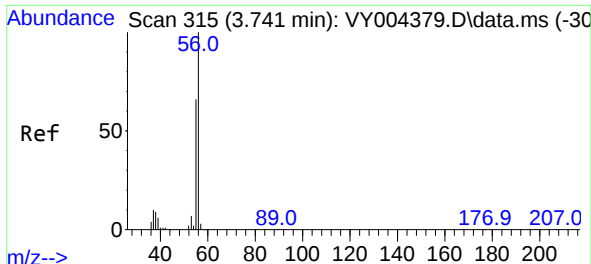
Tgt Ion:168 Resp: 123644
Ion Ratio Lower Upper
168 100
99 56.1 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.89 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

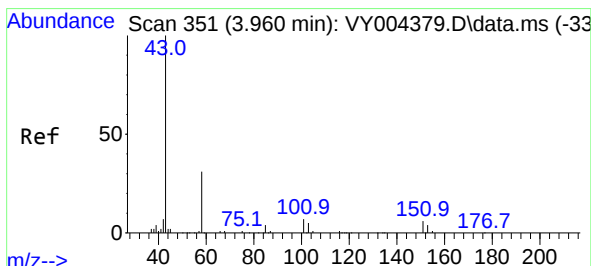
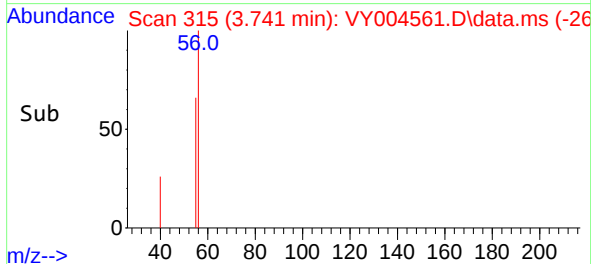
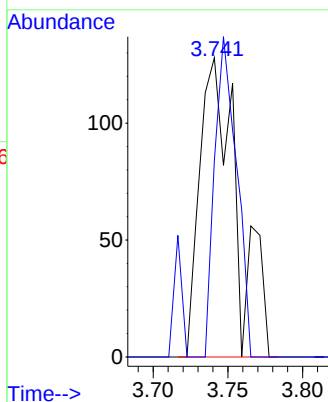
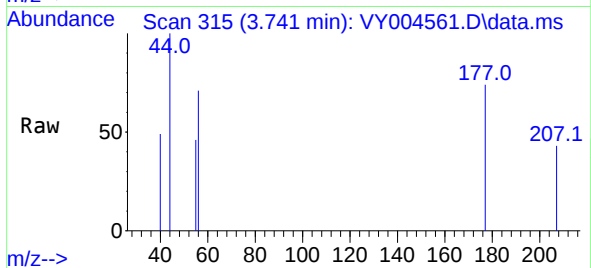




#13
Acrolein
Concen: 1.48 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

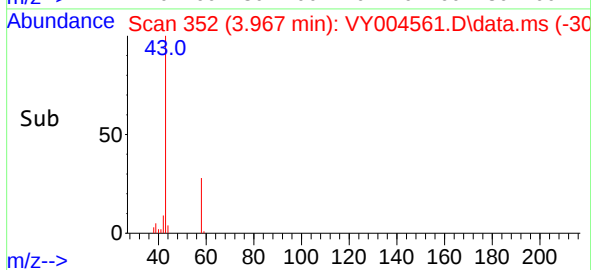
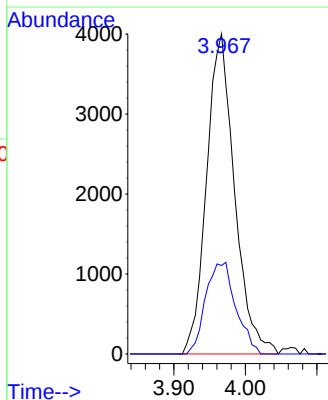
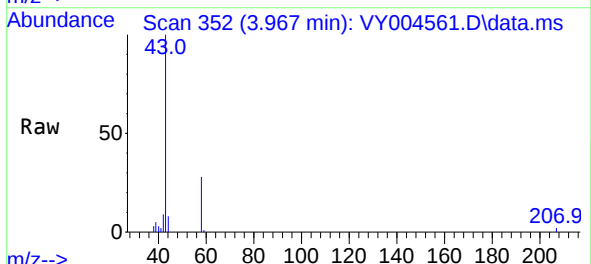
Instrument :
MSVOA_Y
ClientSampled :

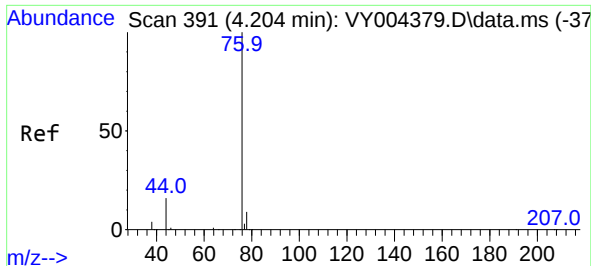
Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 62.6 55.4 83.2



#16
Acetone
Concen: 19.63 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion: 43 Resp: 10890
Ion Ratio Lower Upper
43 100
58 27.6 24.6 37.0

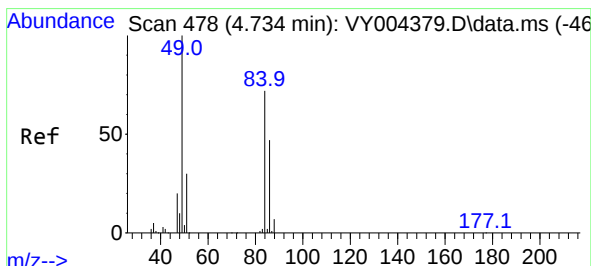
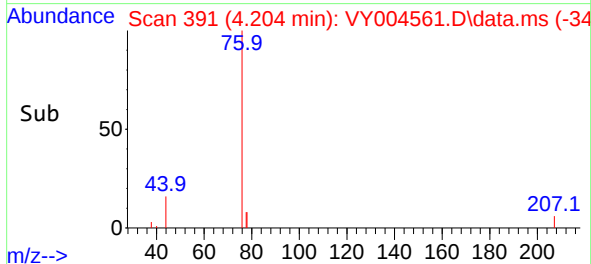
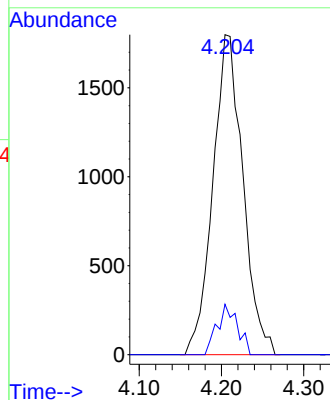
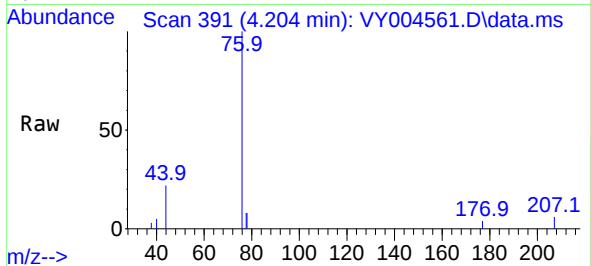




#17
Carbon Disulfide
Concen: 1.23 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

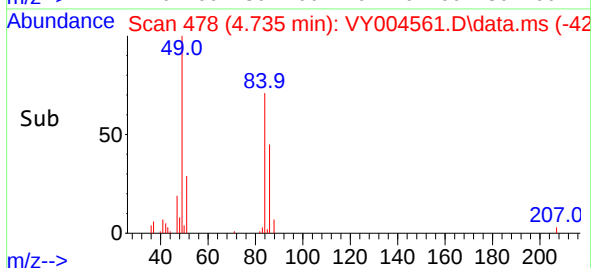
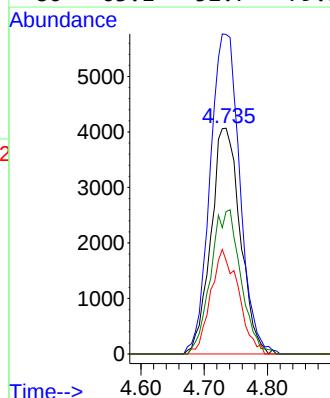
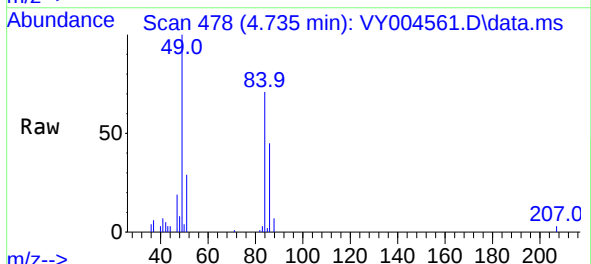
Instrument :
MSVOA_Y
ClientSampleId :

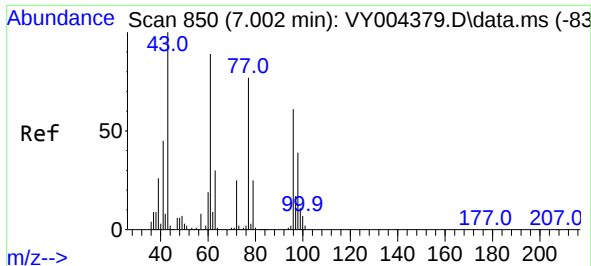
Tgt Ion: 76 Resp: 4560
Ion Ratio Lower Upper
76 100
78 15.7 7.4 11.2#



#20
Methylene Chloride
Concen: 9.85 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion: 84 Resp: 13069
Ion Ratio Lower Upper
84 100
49 141.6 111.2 166.8
51 41.4 33.4 50.2
86 63.1 52.7 79.1

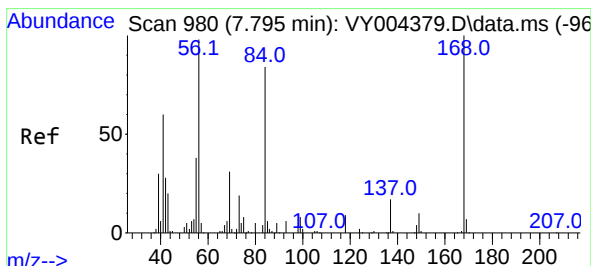
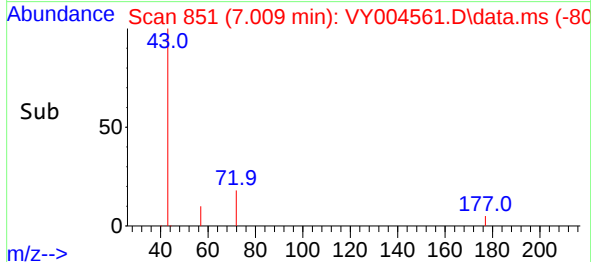
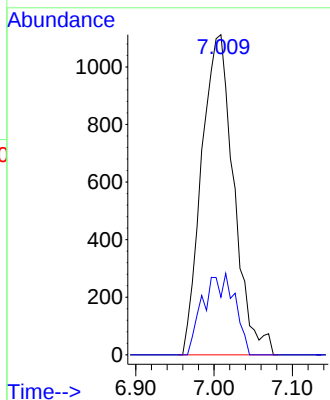
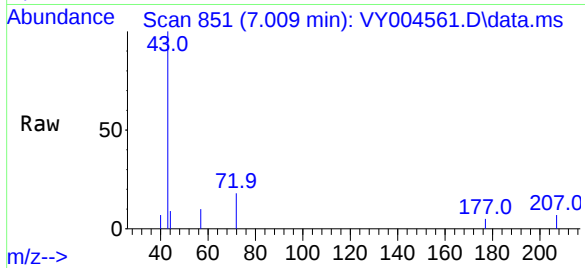




#25
2-Butanone
Concen: 6.07 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

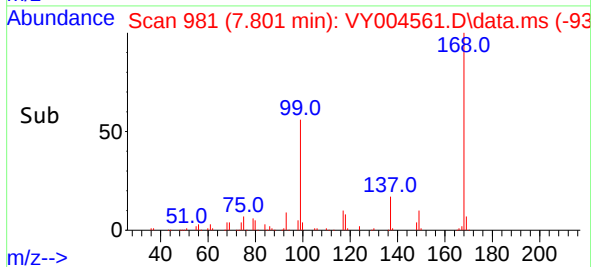
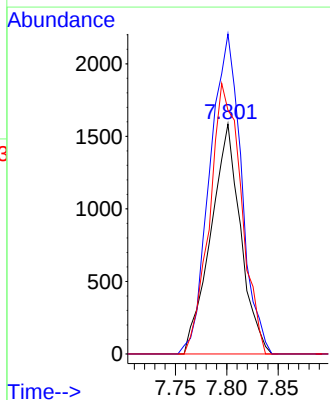
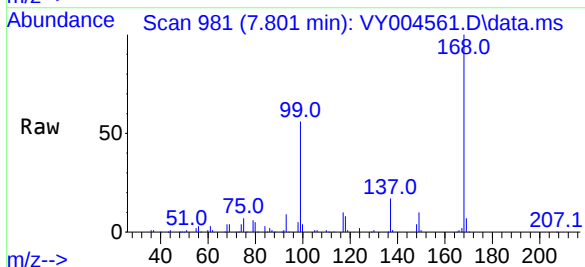
Instrument :
MSVOA_Y
ClientSampled :

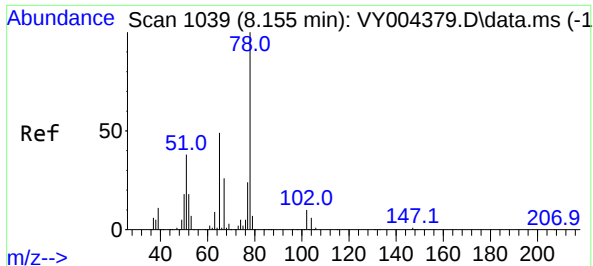
Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
72 18.0 20.2 30.2#



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion: 56 Resp: 3201
Ion Ratio Lower Upper
56 100
69 139.2 25.8 38.6#
84 106.0 68.2 102.4#

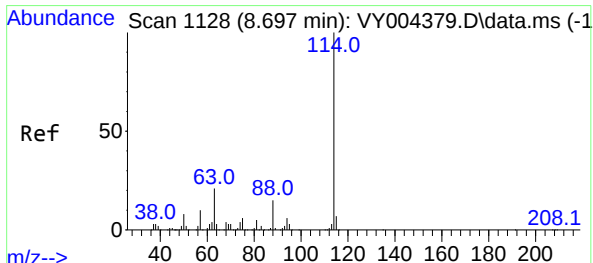
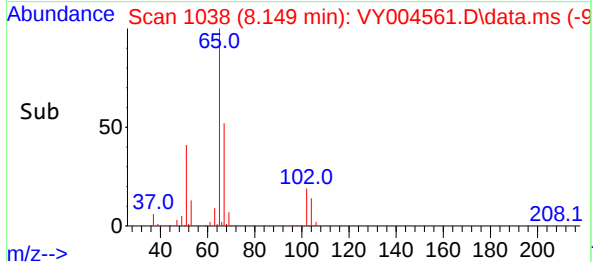
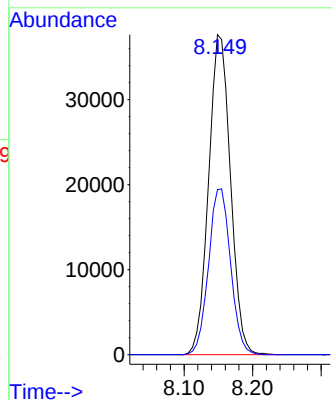
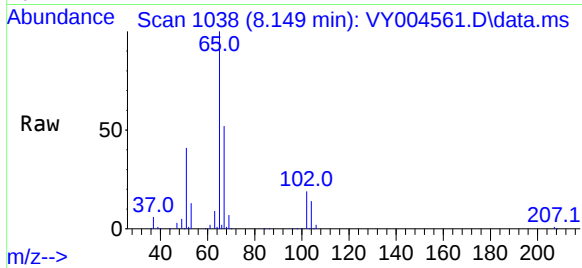




#33
1,2-Dichloroethane-d4
Concen: 60.72 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

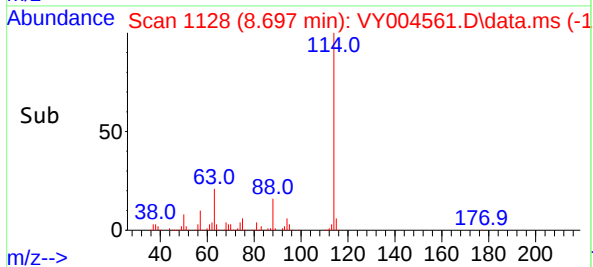
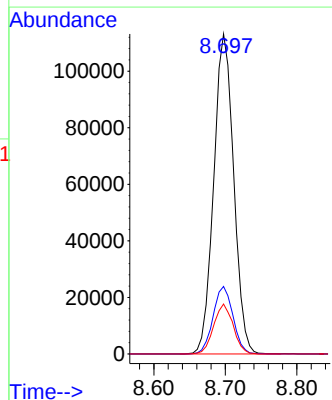
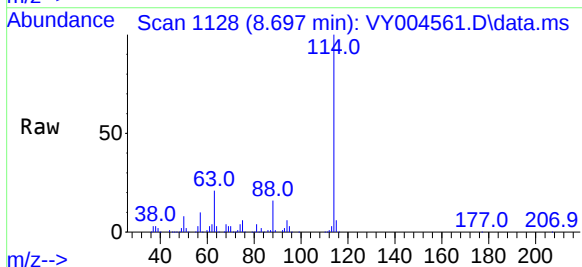
Instrument :
MSVOA_Y
ClientSampleId :

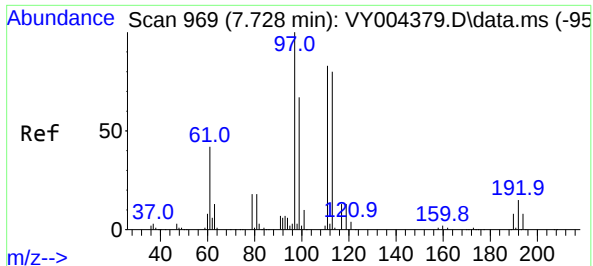
Tgt Ion: 65 Resp: 83409
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion:114 Resp: 219494
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.6 0.0 30.8

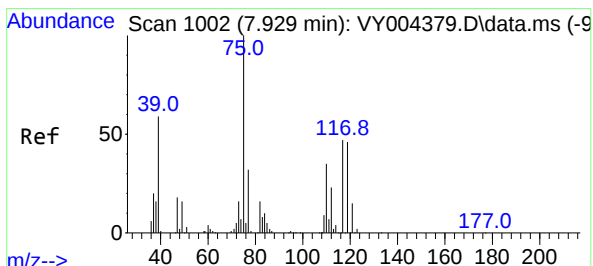
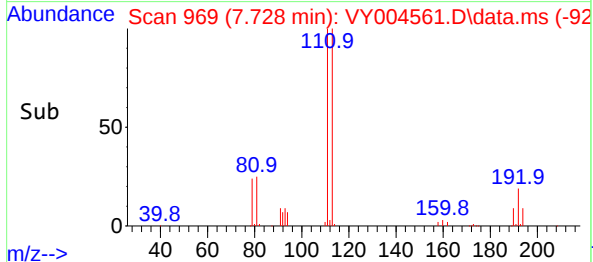
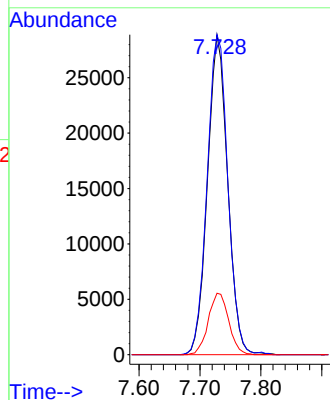
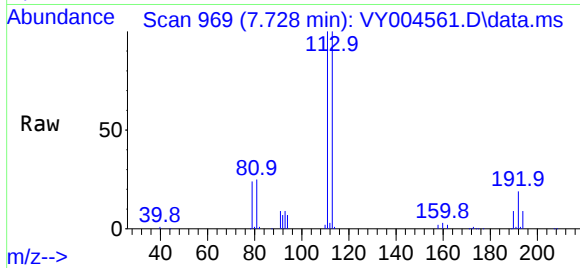




#35
Dibromofluoromethane
Concen: 54.50 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

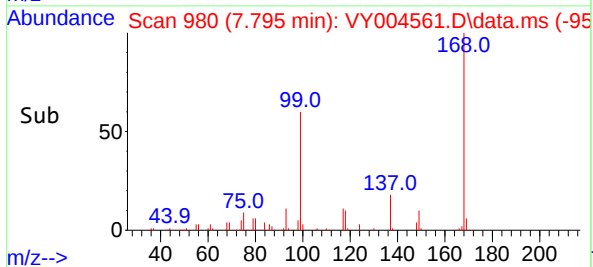
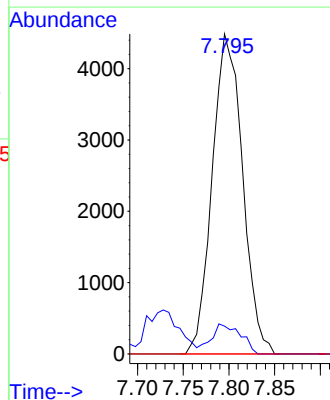
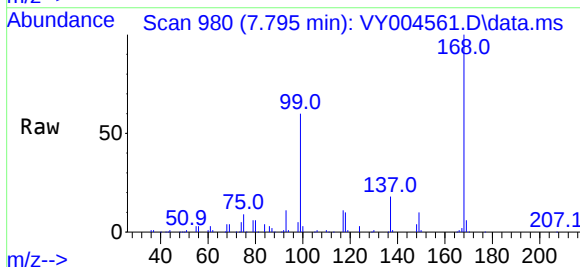
Instrument :
MSVOA_Y
ClientSampleId :

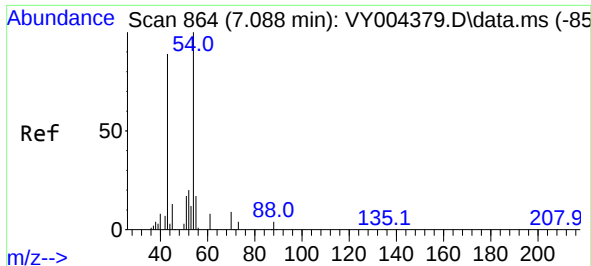
Tgt Ion:	113	Resp:	66385
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.5	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion:	75	Resp:	10351
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.7#
77	0.0	24.3	36.5#

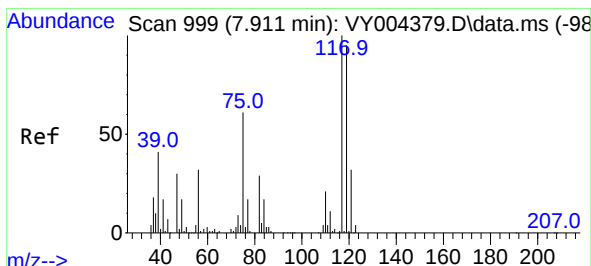
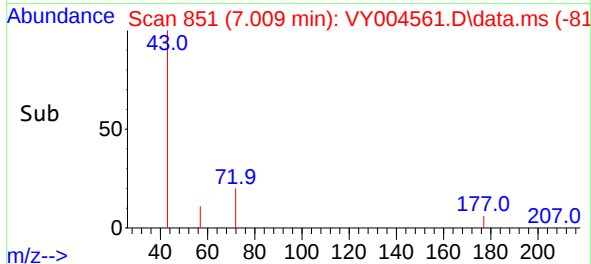
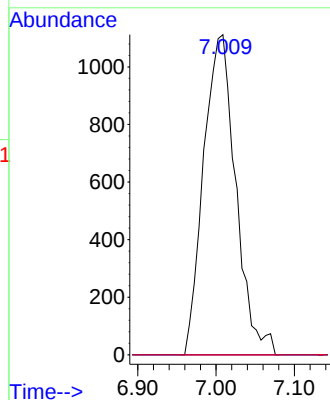
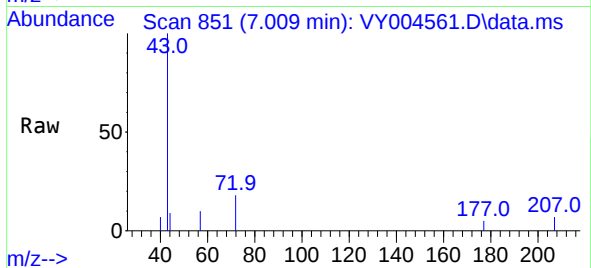




#37
Ethyl Acetate
Concen: 2.26 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

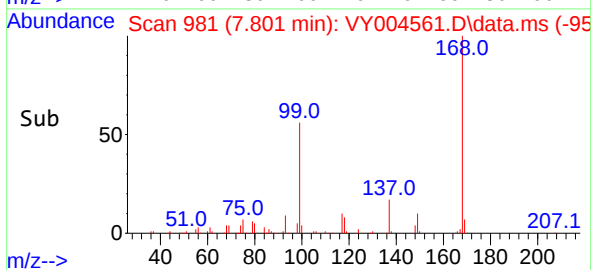
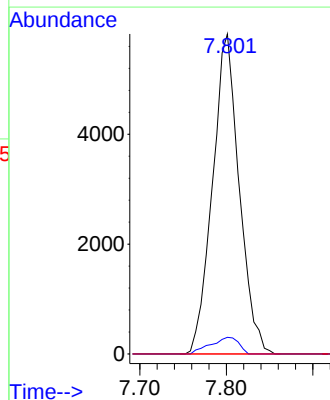
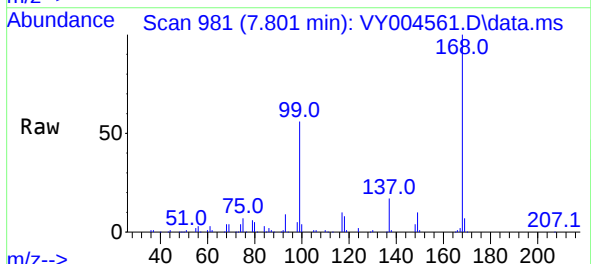
Instrument :
MSVOA_Y
ClientSampleId :

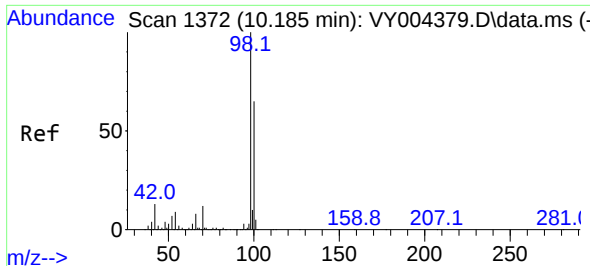
Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion: 117 Resp: 12477
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.3 37.9#

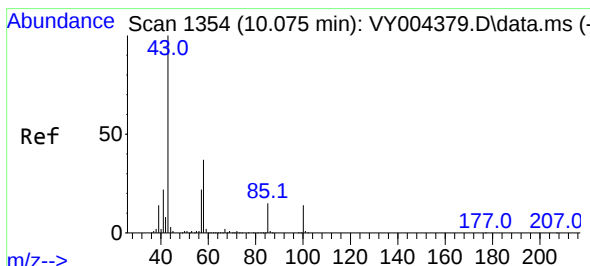
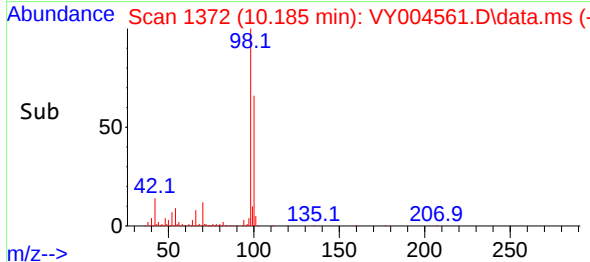
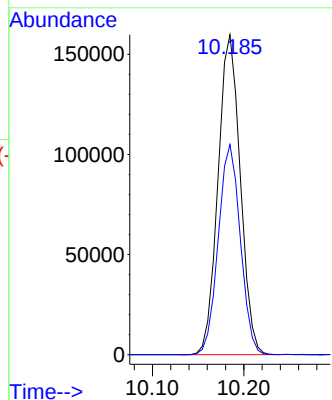
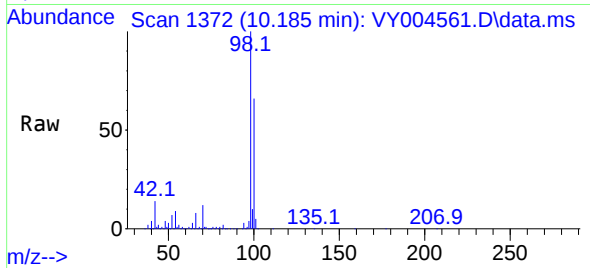




#50
Toluene-d8
Concen: 52.23 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

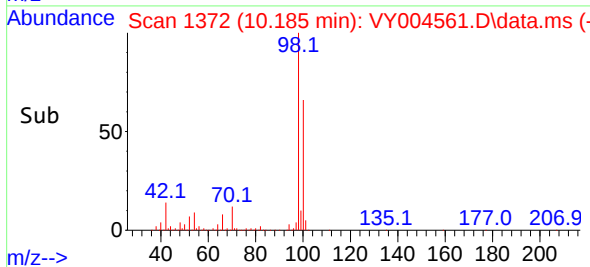
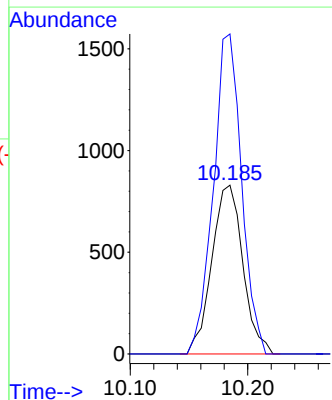
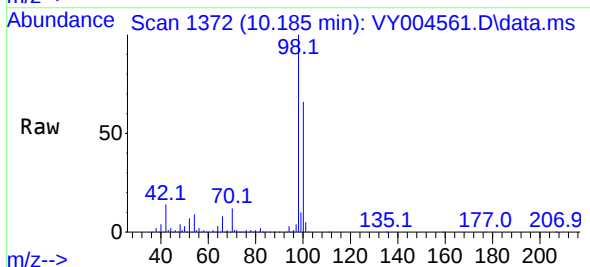
Instrument :
MSVOA_Y
ClientSampled :

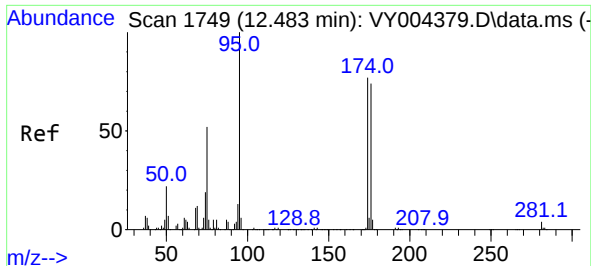
Tgt Ion: 98 Resp: 270615
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 172.7 29.2 43.8#

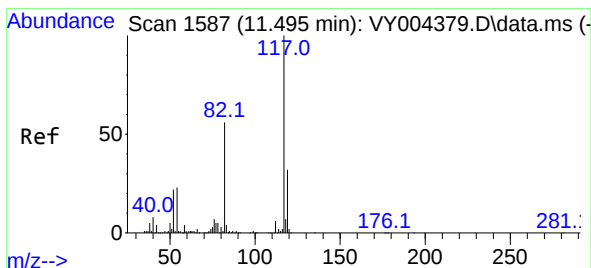
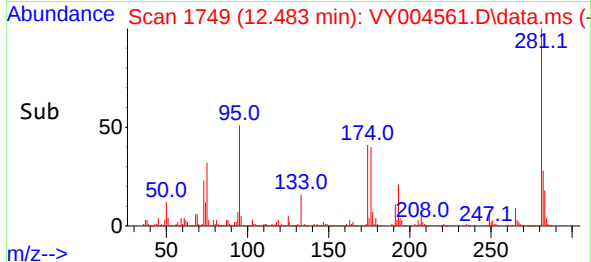
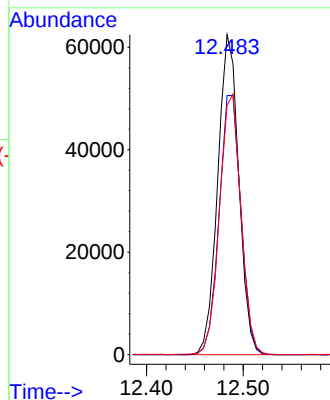
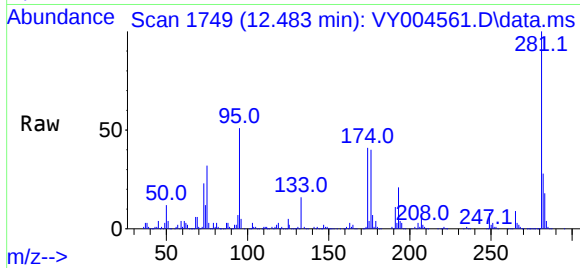




#62
4-Bromofluorobenzene
Concen: 53.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

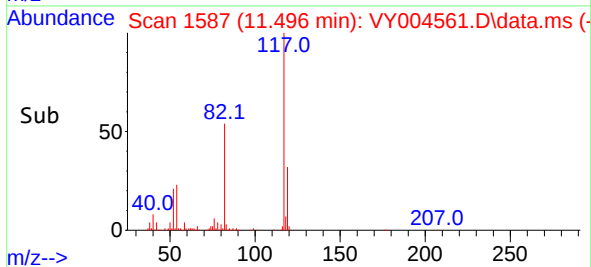
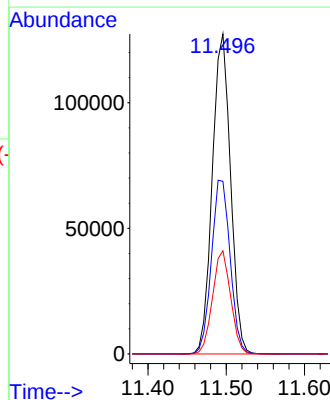
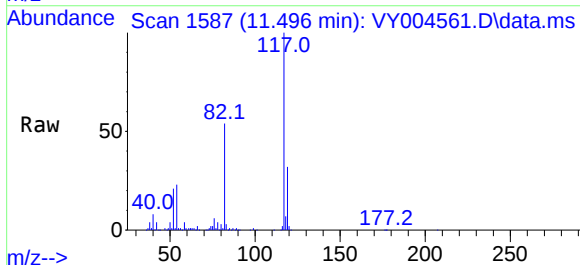
Instrument :
MSVOA_Y
ClientSampleId :

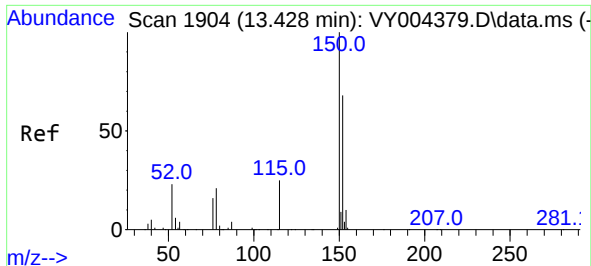
Tgt Ion:	95	Resp:	94305
Ion Ratio	Lower	Upper	
95	100		
174	83.8	0.0	162.4
176	83.1	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion:	117	Resp:	205853
Ion Ratio	Lower	Upper	
117	100		
82	53.9	44.9	67.3
119	32.2	25.4	38.0

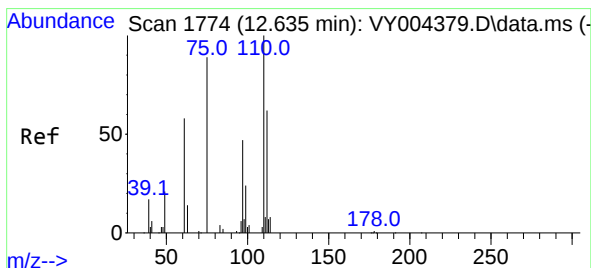
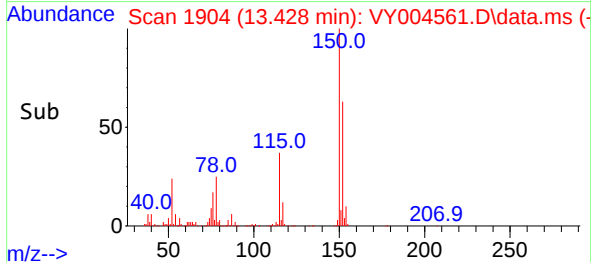
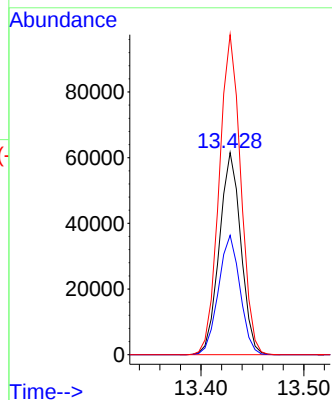
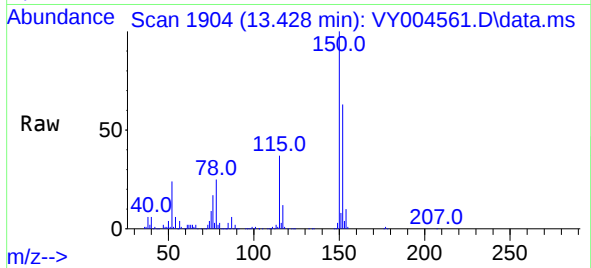




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

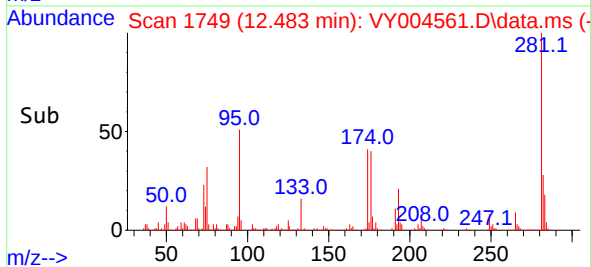
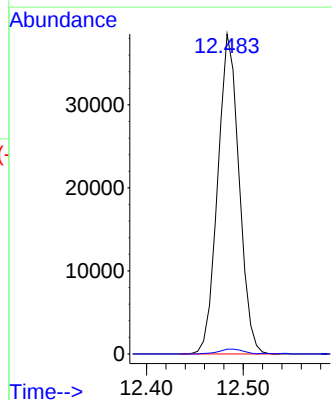
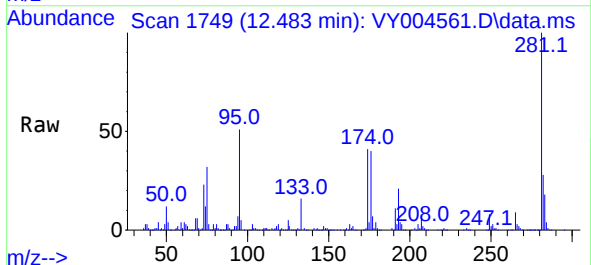
Instrument :
MSVOA_Y
ClientSampled :

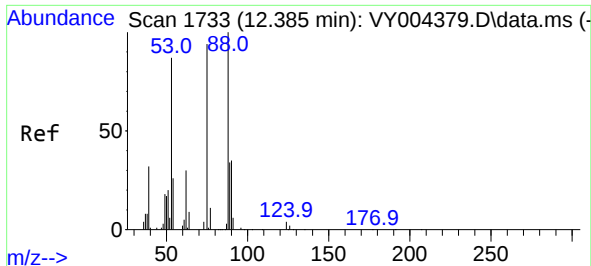
Tgt Ion:	152	Resp:	89617
Ion Ratio	Lower	Upper	
152	100		
115	59.2	29.6	88.8
150	158.4	0.0	348.4



#76
1,2,3-Trichloropropane
Concen: 61.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Tgt Ion:	75	Resp:	58978
Ion Ratio	Lower	Upper	
75	100		
77	1.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004561.D
Acq: 21 Apr 2021 17:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58978
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 4.0 36.1 54.1#

