

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006257.D
 Acq On : 01 Oct 2021 12:19
 Operator : SY/MD
 Sample : M3998-04RE
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:11:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

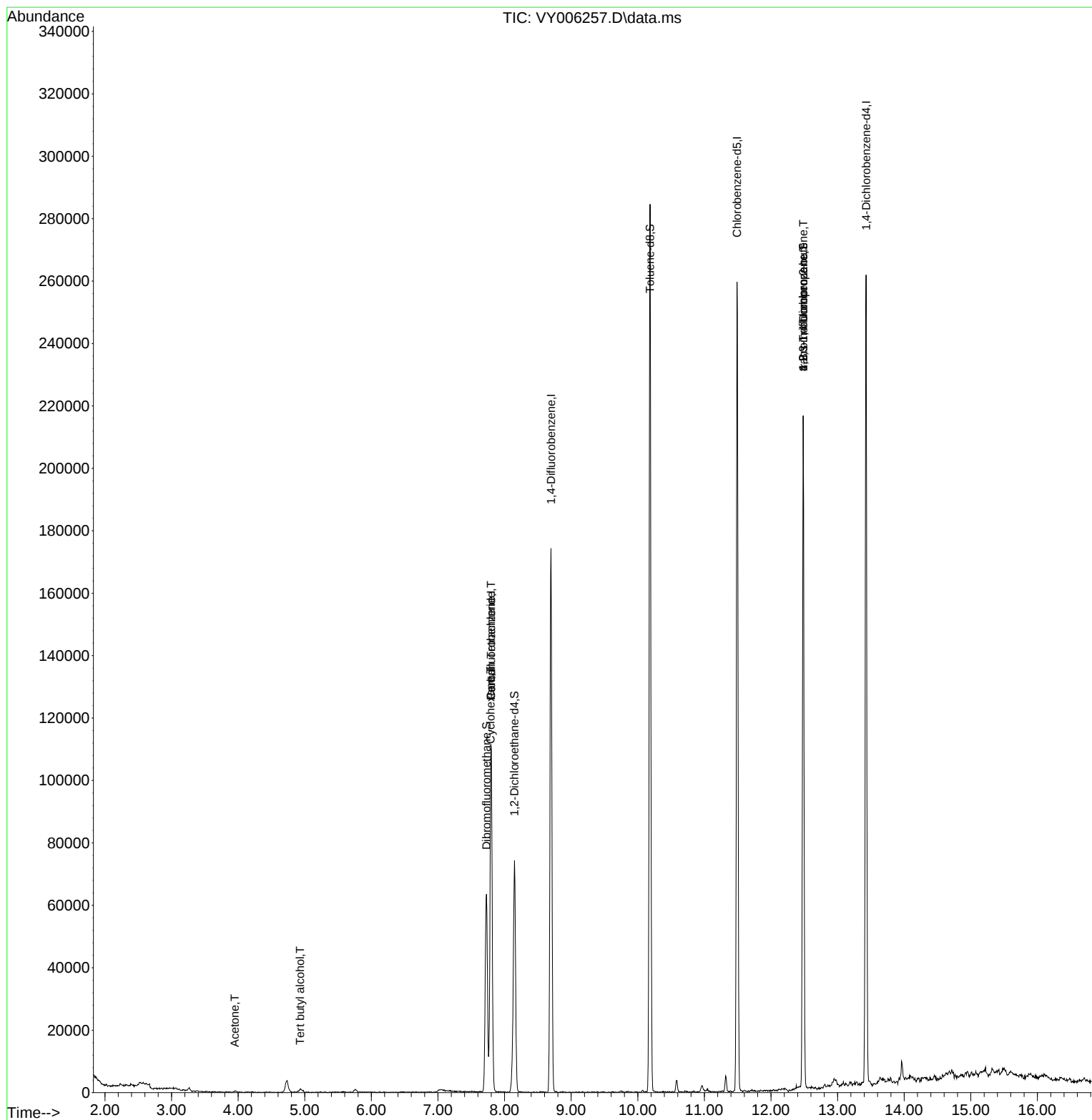
Internal Standards						
1) Pentafluorobenzene	7.795	168	88396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	143785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59352	62.734	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.460%			
35) Dibromofluoromethane	7.728	113	42802	55.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.440%			
50) Toluene-d8	10.185	98	180122	56.026	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.060%			
62) 4-Bromofluorobenzene	12.483	95	57777	52.901	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.800%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	651	7.866	ug/l #	77
16) Acetone	3.948	43	811	3.069	ug/l #	47
20) Methylene Chloride	4.735	84	2675	Below Cal		94
31) Cyclohexane	7.789	56	2001	1.116	ug/l #	34
38) Carbon Tetrachloride	7.795	117	8795	5.822	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	33062	52.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33062	102.596	ug/l #	7

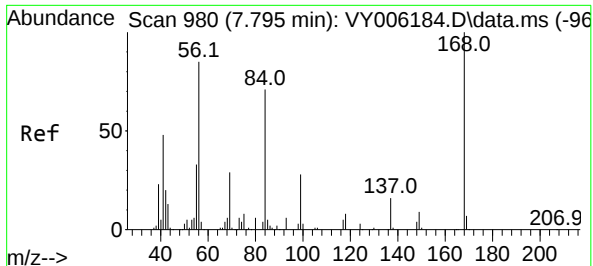
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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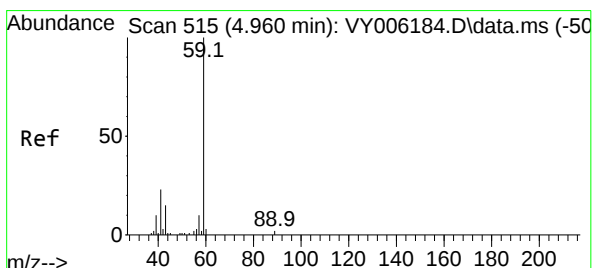
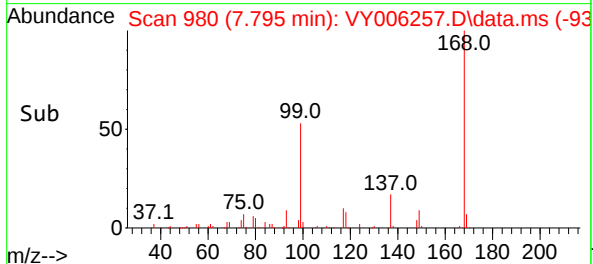
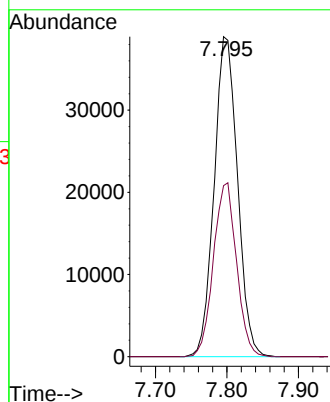
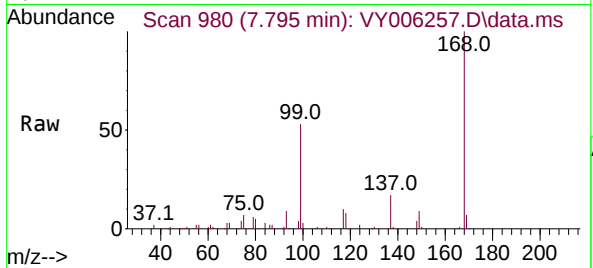




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

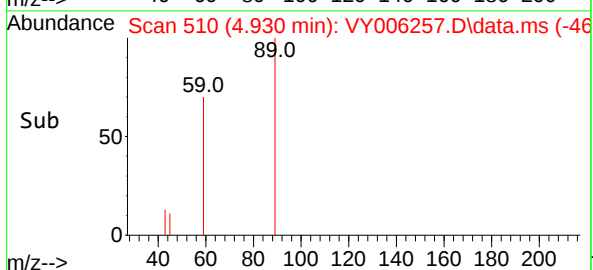
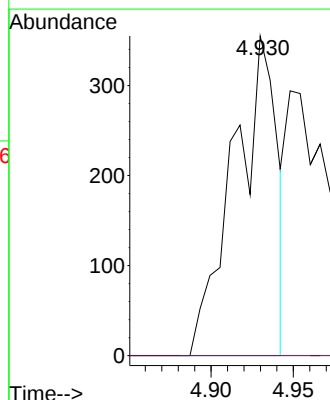
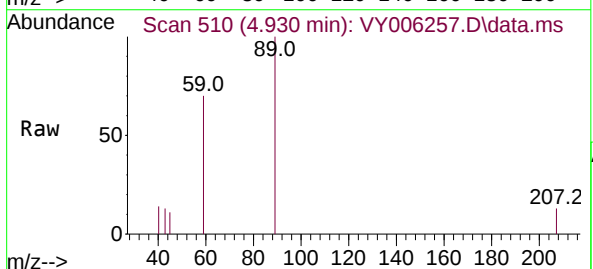
Instrument :
MSVOA_Y
ClientSampled :

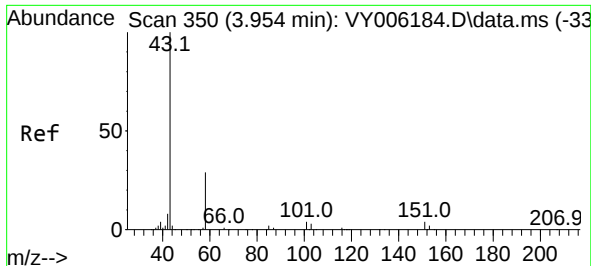
Tgt Ion:168 Resp: 88396
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.866 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

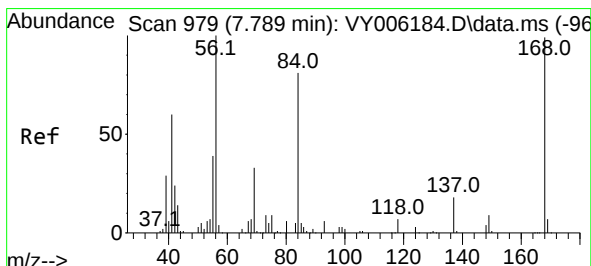
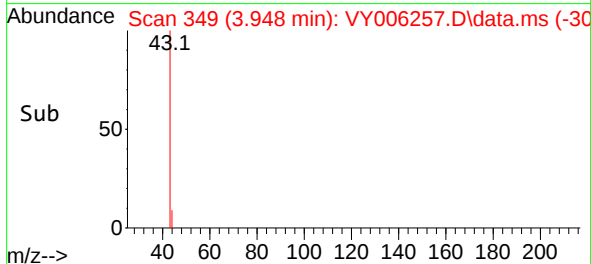
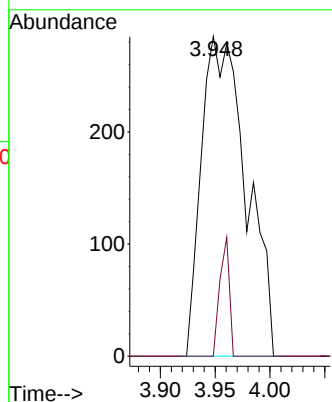
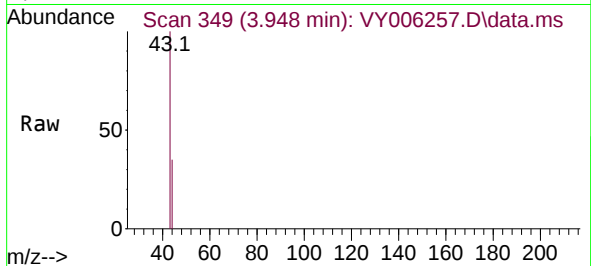




#16
Acetone
Concen: 3.069 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

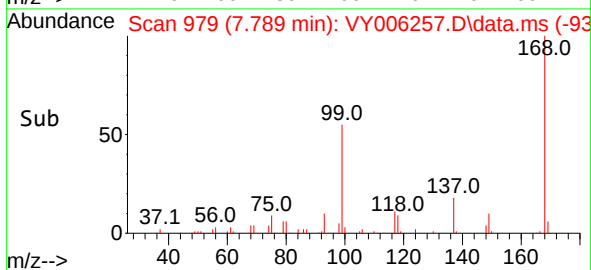
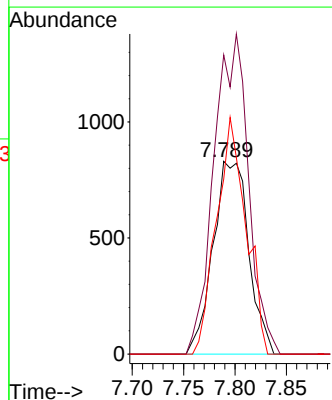
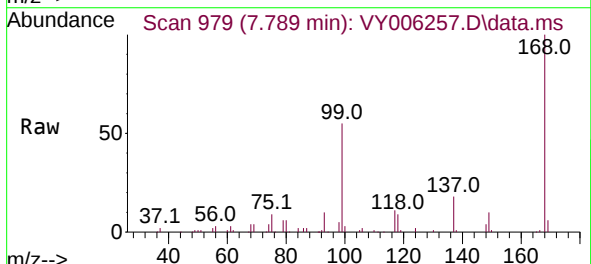
Instrument :
MSVOA_Y
ClientSampled :

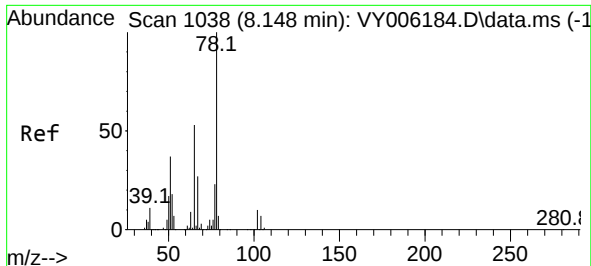
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 56 Resp: 2001
Ion Ratio Lower Upper
56 100
69 155.3 26.7 40.1#
84 90.8 67.2 100.8

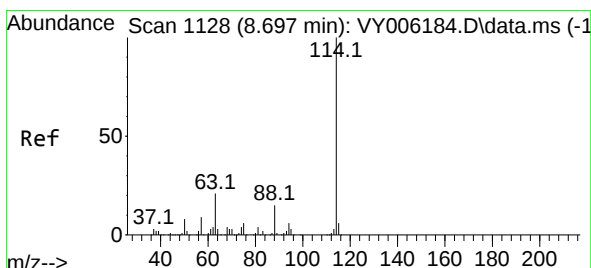
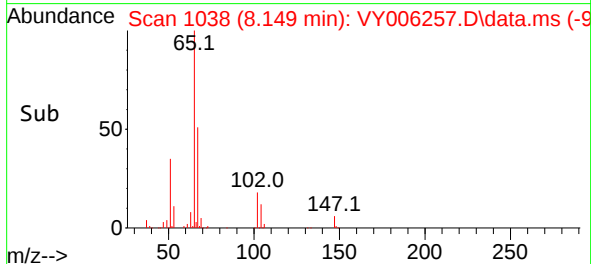
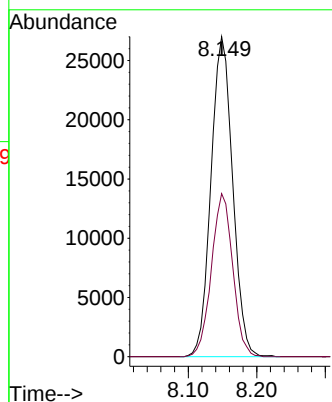
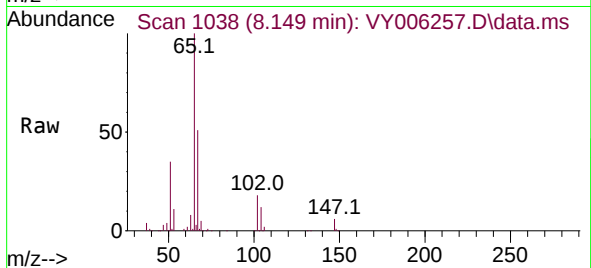




#33
1,2-Dichloroethane-d4
Concen: 62.734 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

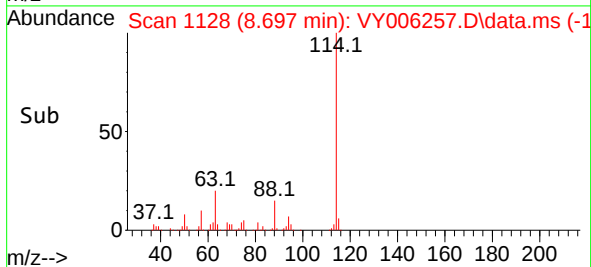
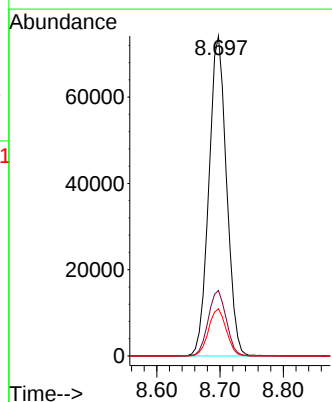
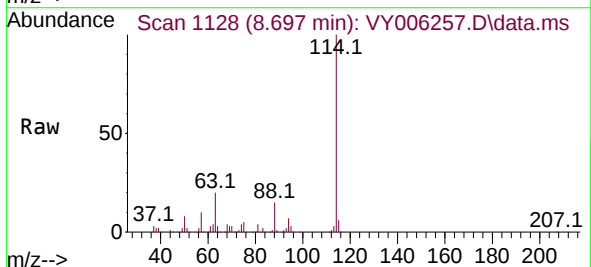
Instrument :
MSVOA_Y
ClientSampleId :

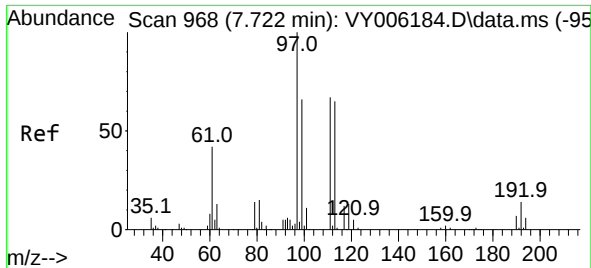
Tgt Ion: 65 Resp: 59352
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 114 Resp: 143785
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 14.8 0.0 31.8

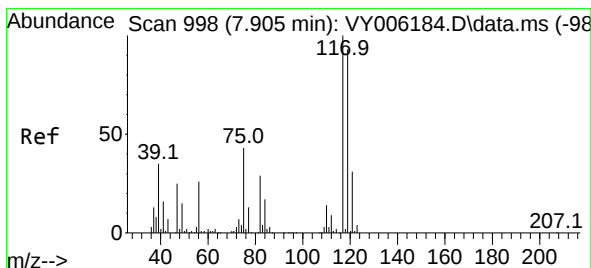
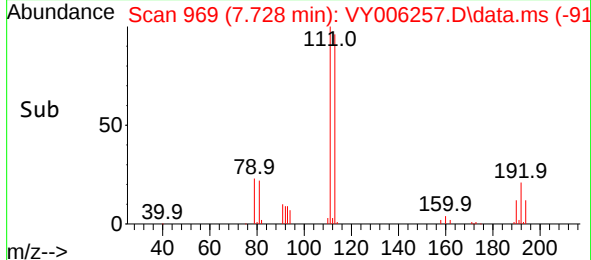
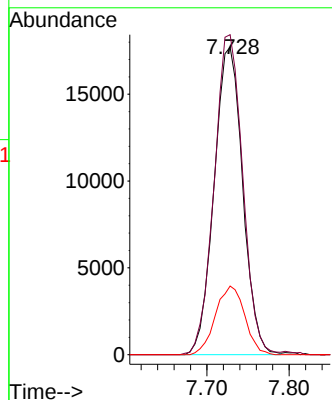
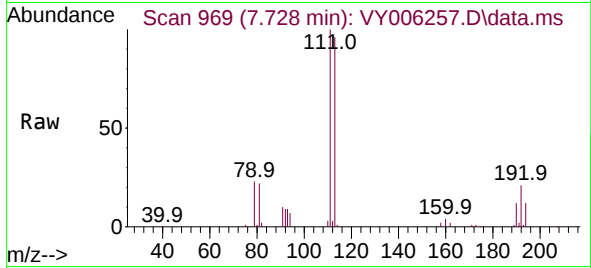




#35
Dibromofluoromethane
Concen: 55.718 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

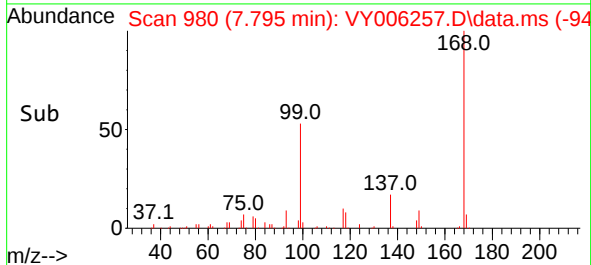
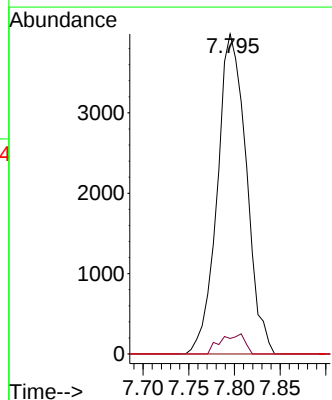
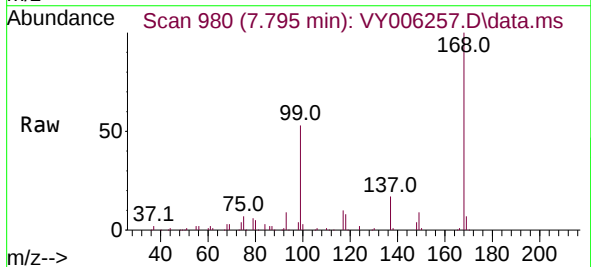
Instrument :
MSVOA_Y
ClientSampleId :

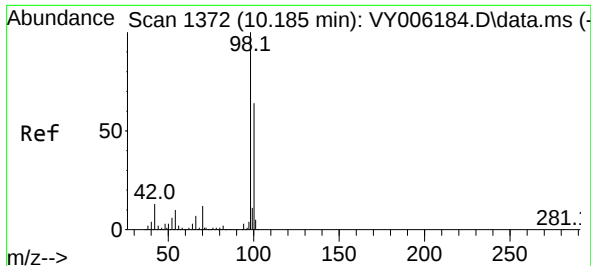
Tgt Ion:113 Resp: 42802
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 22.8 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.822 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion:117 Resp: 8795
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

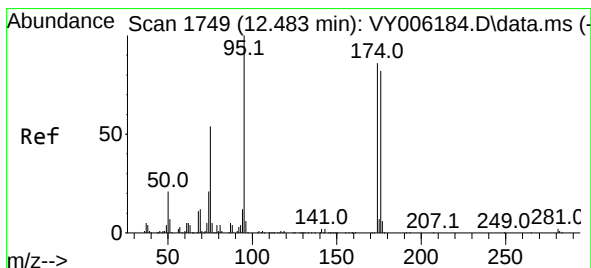
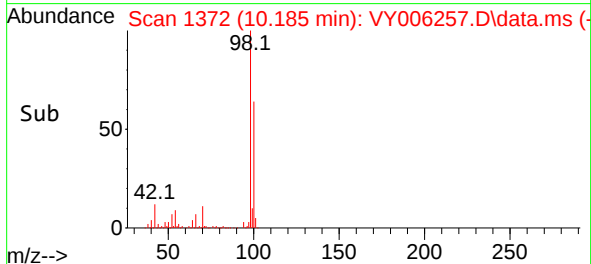
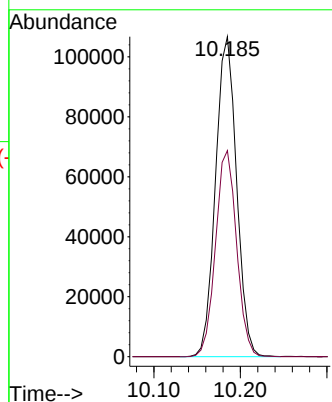
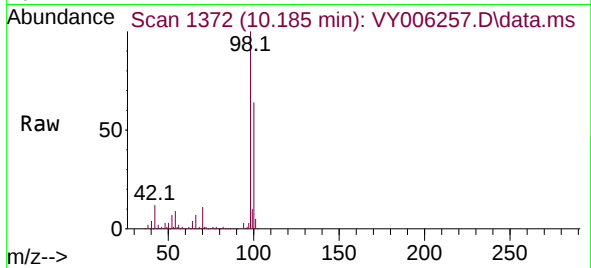




#50
Toluene-d8
Concen: 56.026 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

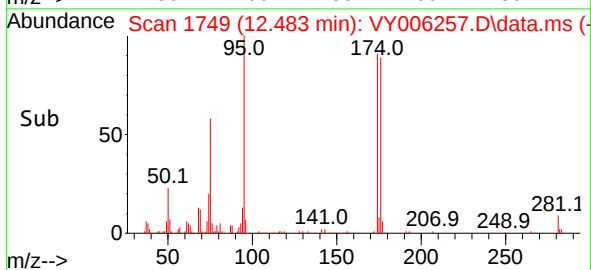
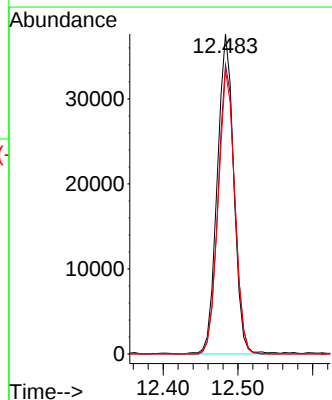
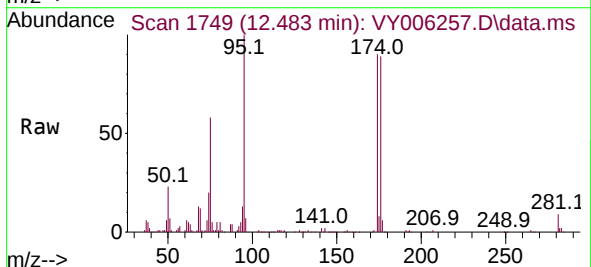
Instrument :
MSVOA_Y
ClientSampled :

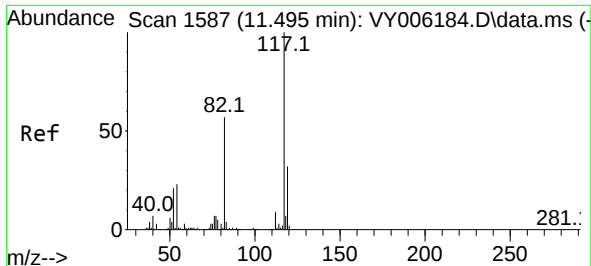
Tgt Ion: 98 Resp: 180122
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 95 Resp: 57777
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.7 0.0 175.8

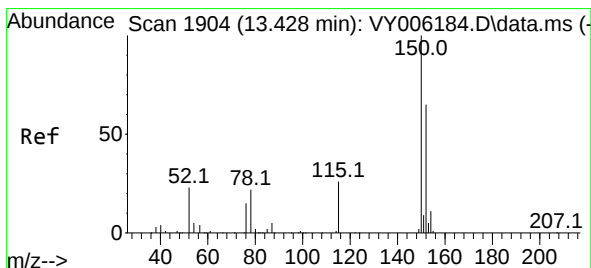
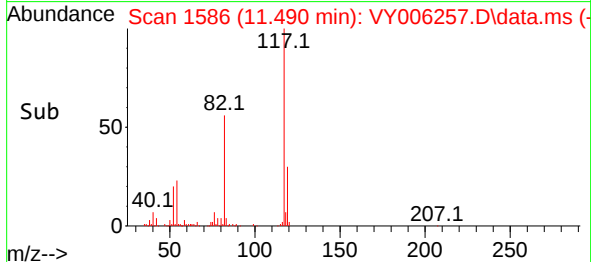
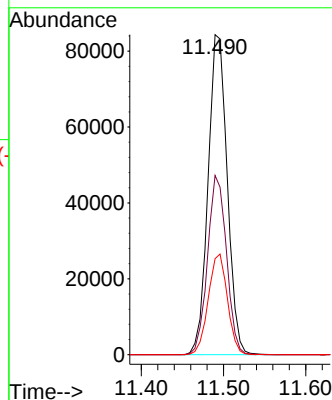
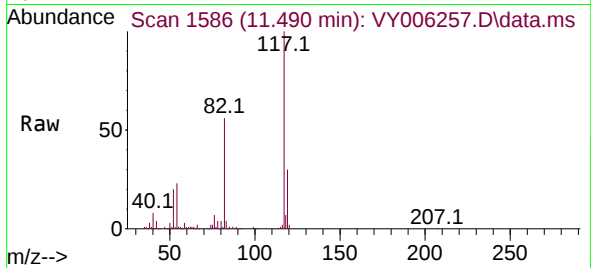




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

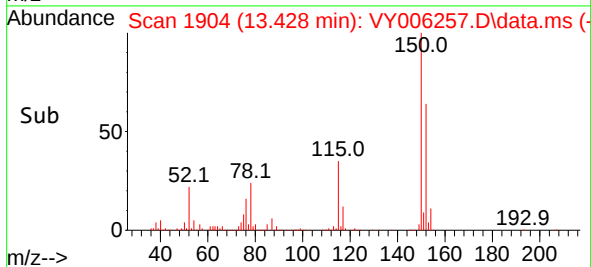
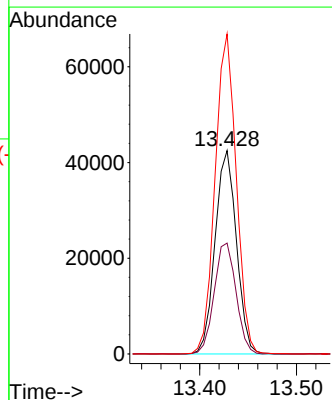
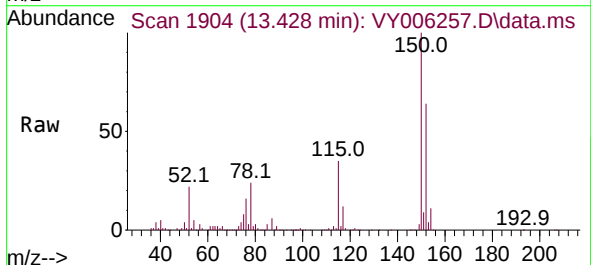
Instrument :
MSVOA_Y
ClientSampleId :

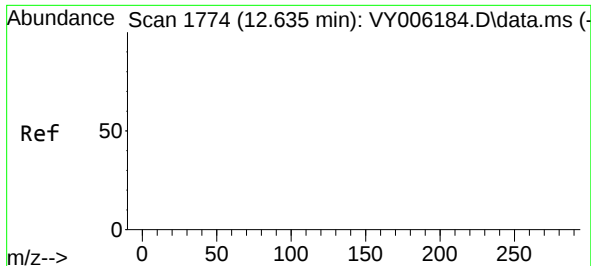
Tgt Ion:117 Resp: 136669
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion:152 Resp: 65155
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 155.9 0.0 347.6

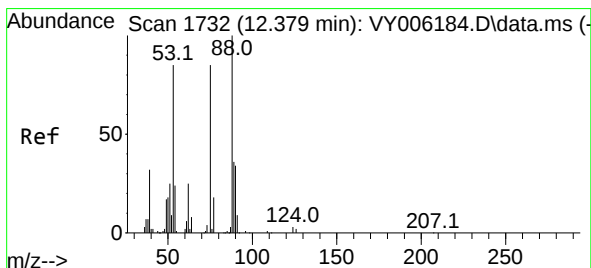
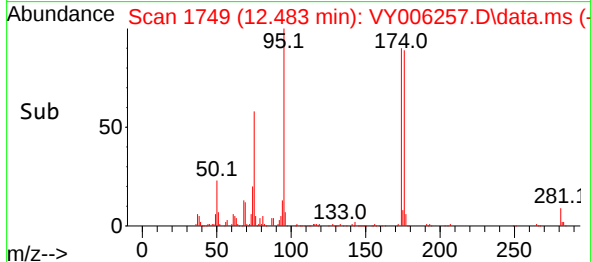
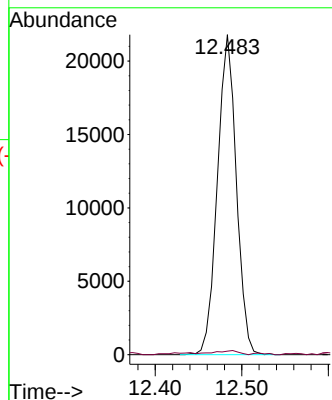
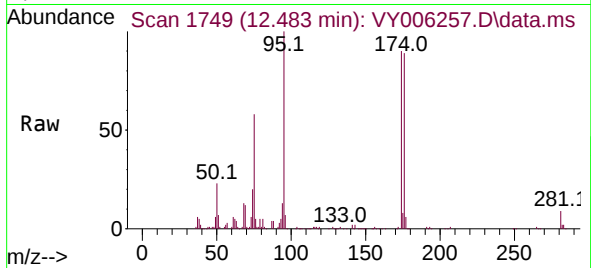




#76
1,2,3-Trichloropropane
Concen: 52.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33062
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 75 Resp: 33062
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

