

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006262.D
 Acq On : 01 Oct 2021 15:43
 Operator : SY/MD
 Sample : M4035-03
 Misc : 5.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:13:02 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)

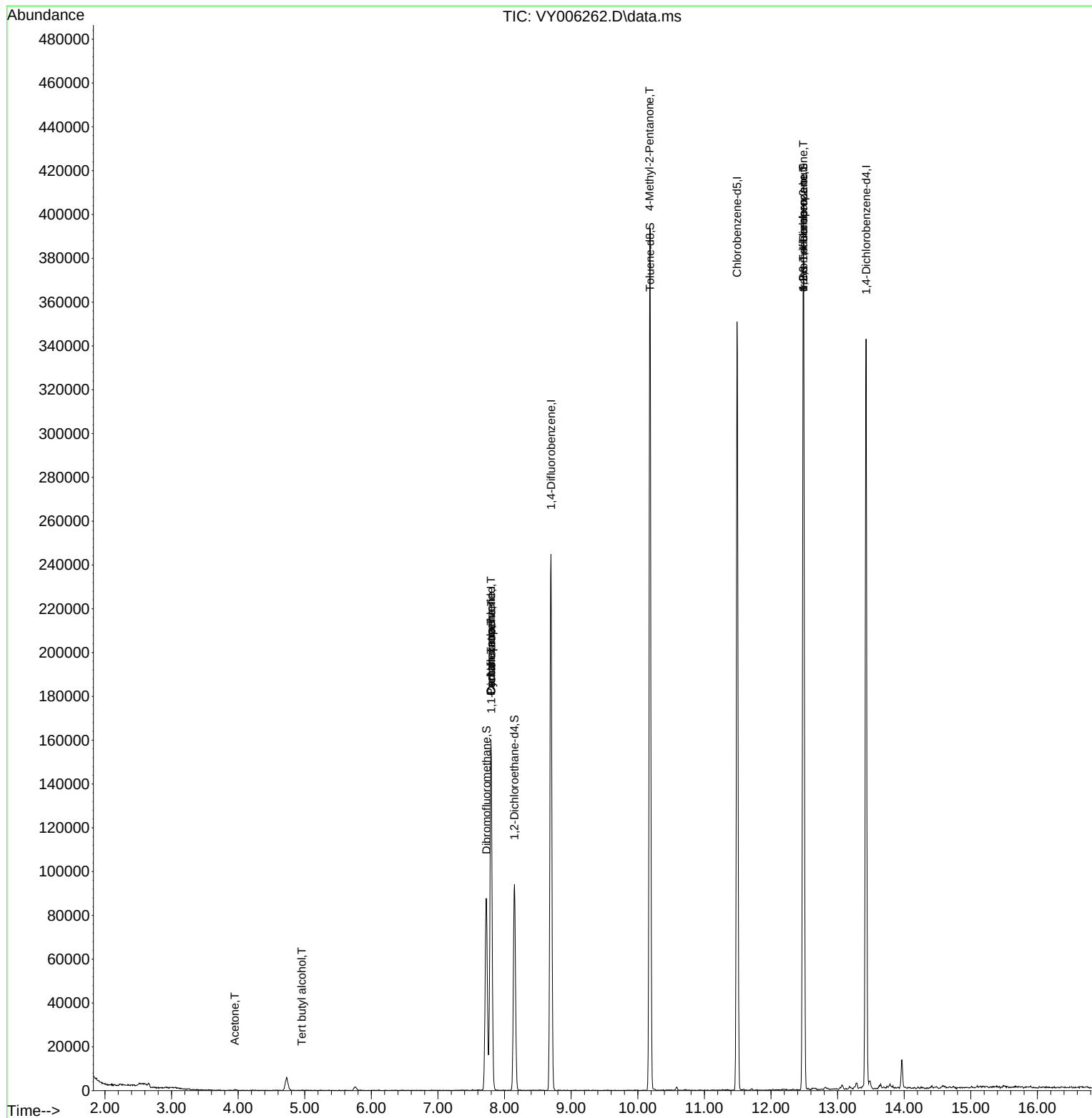
Internal Standards						
1) Pentafluorobenzene	7.795	168	124302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79539	59.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.580%	
35) Dibromofluoromethane	7.728	113	59223	55.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.660%	
50) Toluene-d8	10.185	98	250342	55.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.760%	
62) 4-Bromofluorobenzene	12.483	95	78883	51.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	187	1.607	ug/l #	77
16) Acetone	3.948	43	674	1.814	ug/l #	86
20) Methylene Chloride	4.735	84	4090	Below Cal		84
31) Cyclohexane	7.795	56	2825	1.121	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	9217	4.624	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11771	5.592	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1361	1.177	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	45748	54.734	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45748	107.560	ug/l #	8

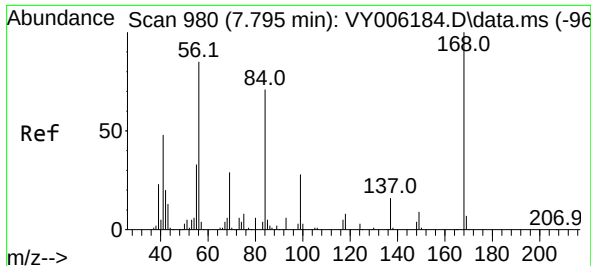
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
Data File : VY006262.D
Acq On : 01 Oct 2021 15:43
Operator : SY/MD
Sample : M4035-03
Misc : 5.69G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 02 02:13:02 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

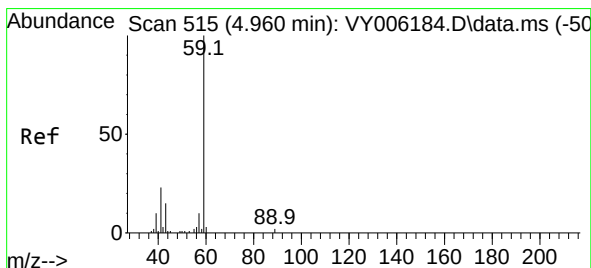
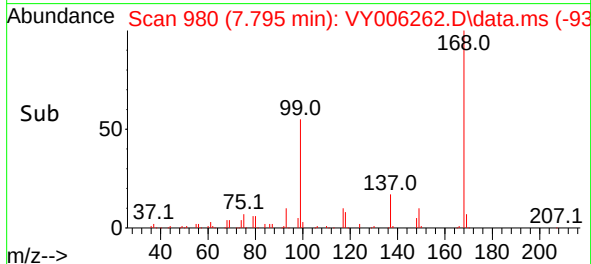
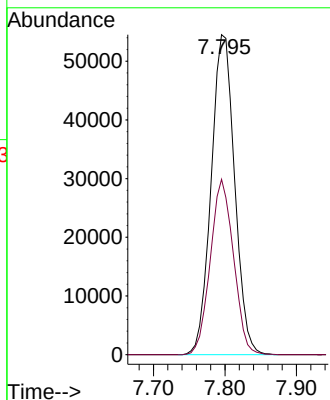
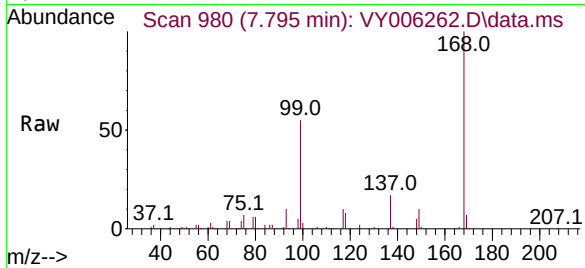




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

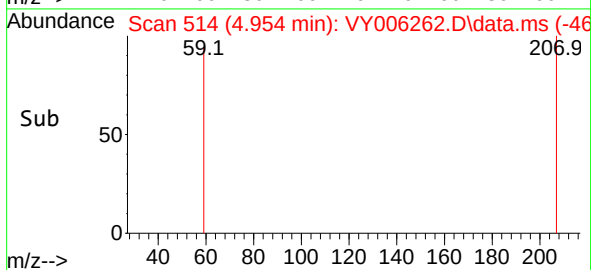
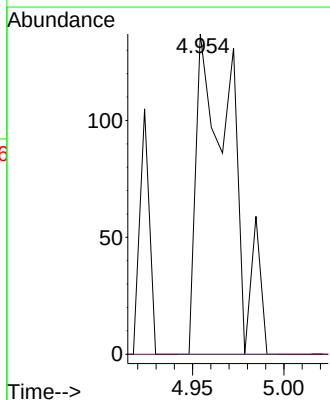
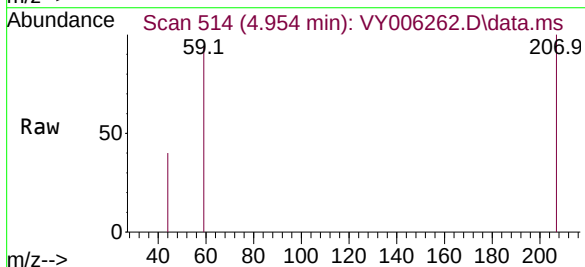
Instrument :
MSVOA_Y
ClientSampled :

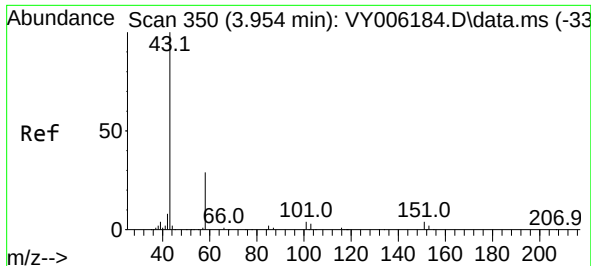
Tgt Ion:168 Resp: 124302
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.607 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

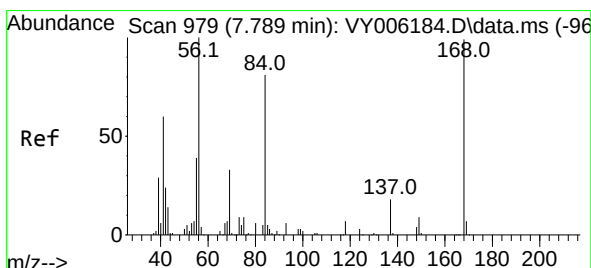
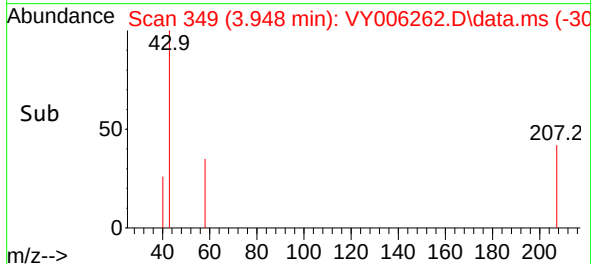
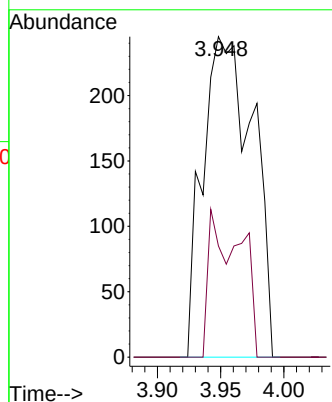
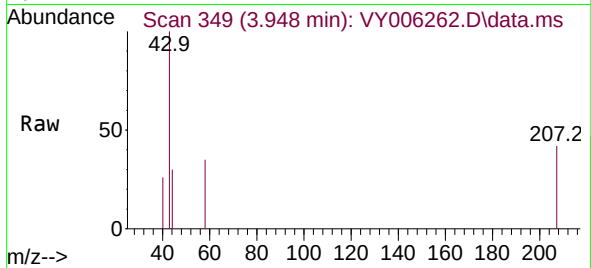




#16
Acetone
Concen: 1.814 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

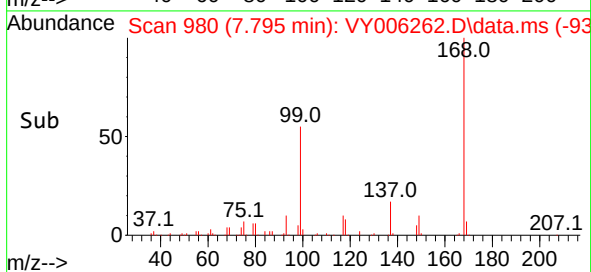
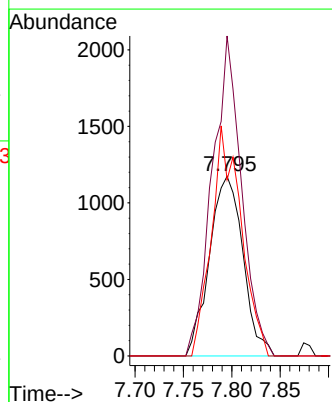
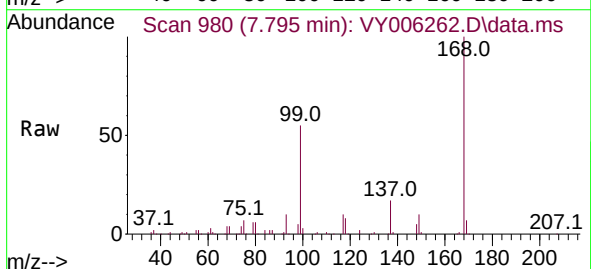
Instrument :
MSVOA_Y
ClientSampleId :

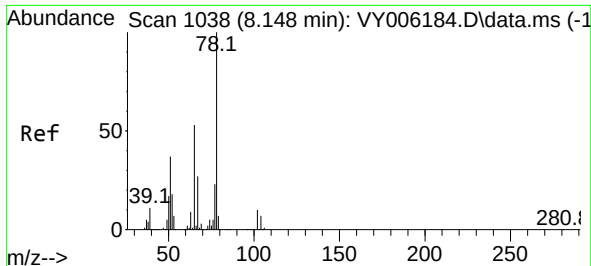
Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Tgt Ion: 56 Resp: 2825
Ion Ratio Lower Upper
56 100
69 178.1 26.7 40.1#
84 98.0 67.2 100.8

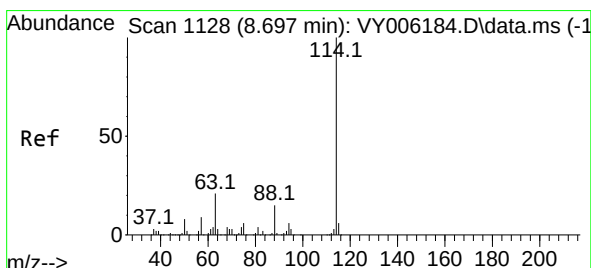
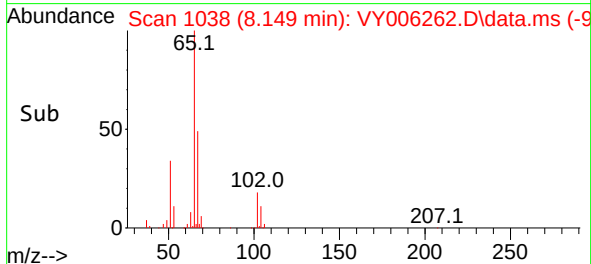
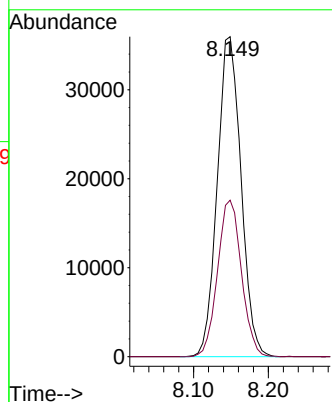
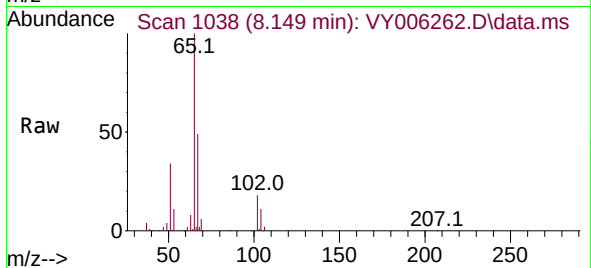




#33
1,2-Dichloroethane-d4
Concen: 59.786 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

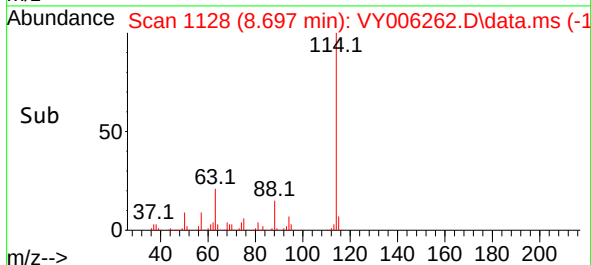
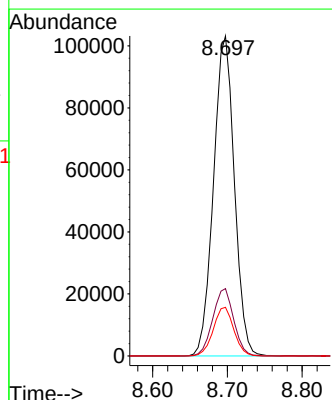
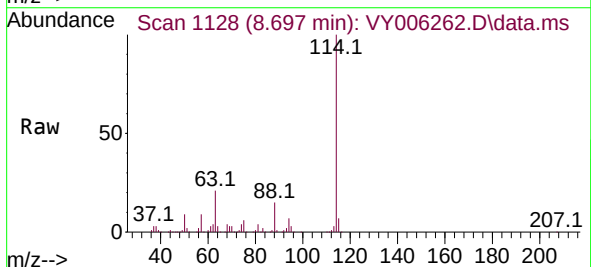
Instrument :
MSVOA_Y
ClientSampleId :

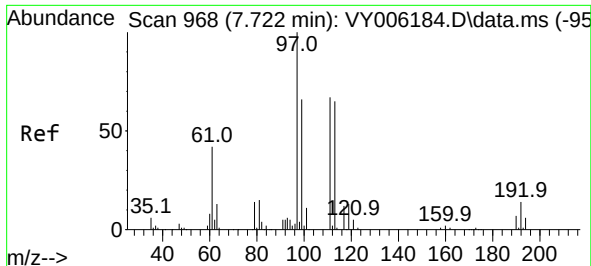
Tgt Ion: 65 Resp: 79539
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Tgt Ion: 114 Resp: 200353
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.2 0.0 31.8

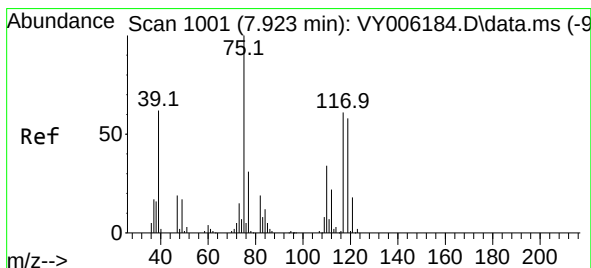
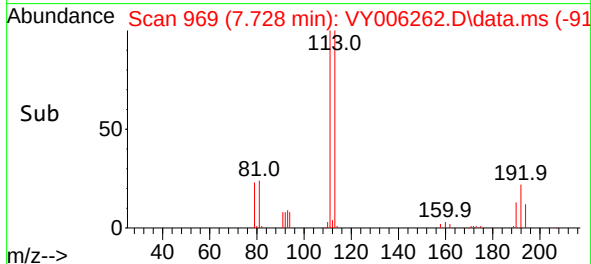
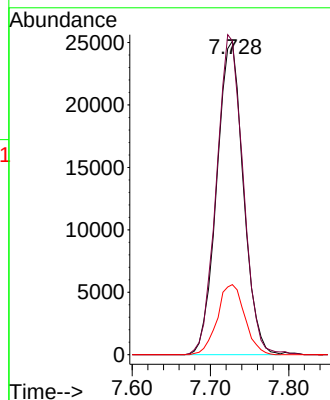
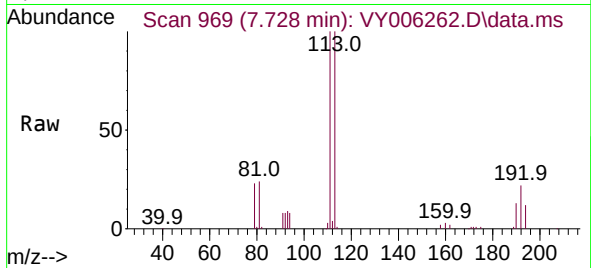




#35
Dibromofluoromethane
Concen: 55.328 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

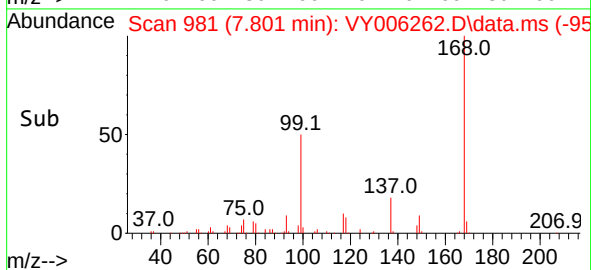
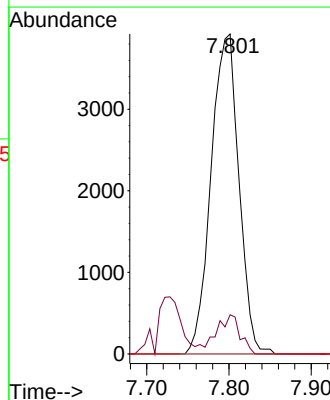
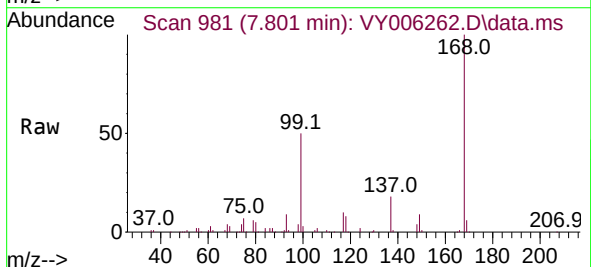
Instrument :
MSVOA_Y
ClientSampleId :

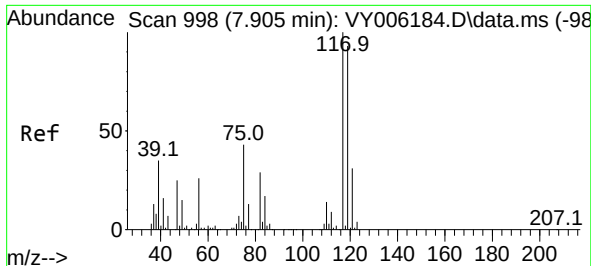
Tgt Ion:113 Resp: 59223
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 23.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

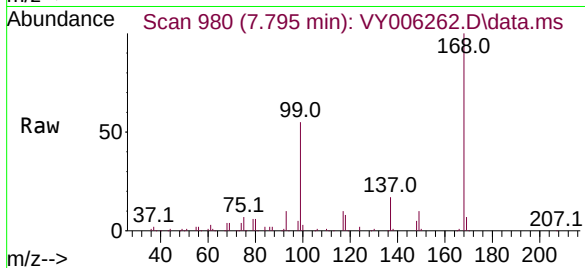
Tgt Ion: 75 Resp: 9217
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



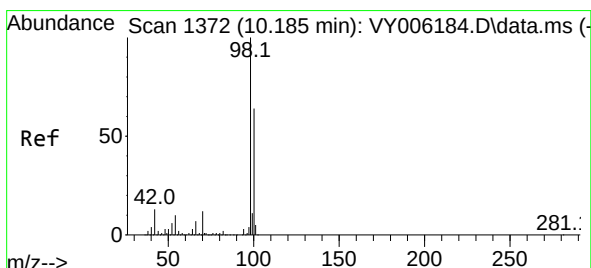
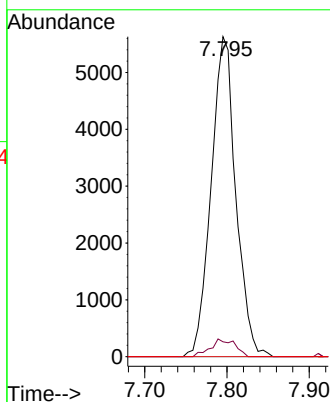
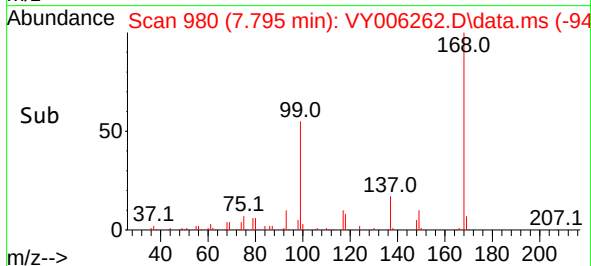


#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

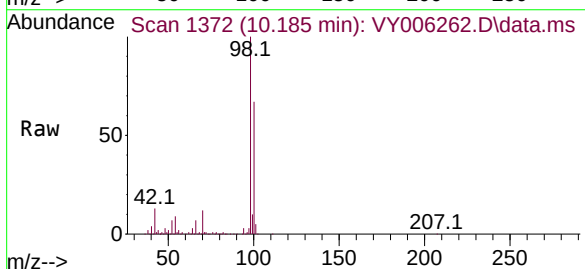
Instrument :
MSVOA_Y
ClientSampleId :



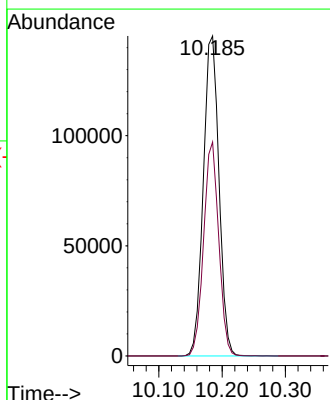
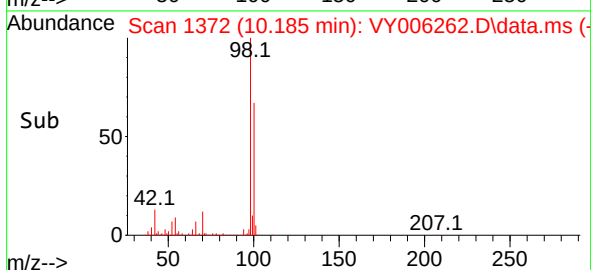
Tgt Ion:117 Resp: 11771
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#

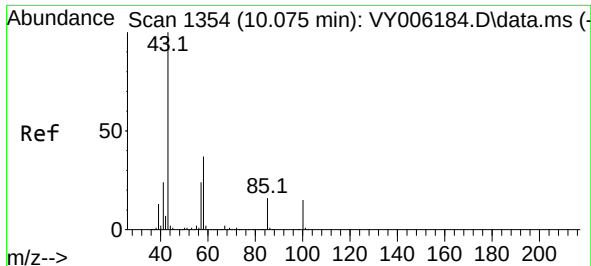


#50
Toluene-d8
Concen: 55.882 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43



Tgt Ion: 98 Resp: 250342
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

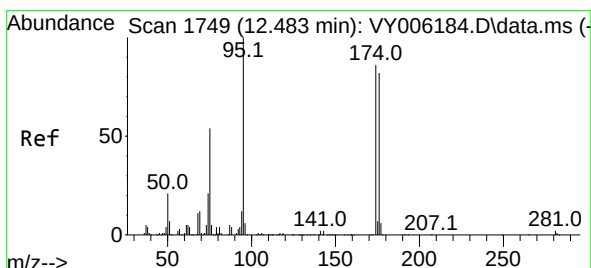
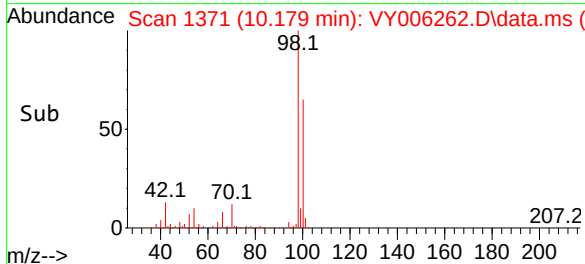
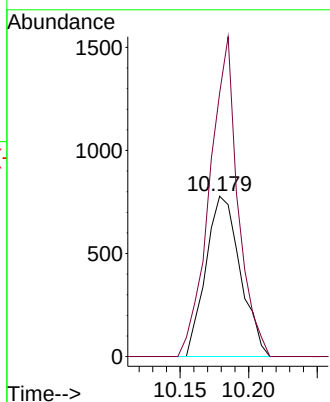
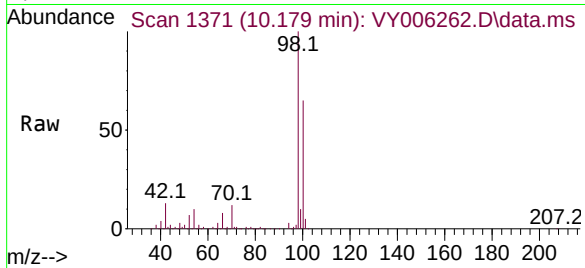




#51
4-Methyl-2-Pentanone
Concen: 1.177 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

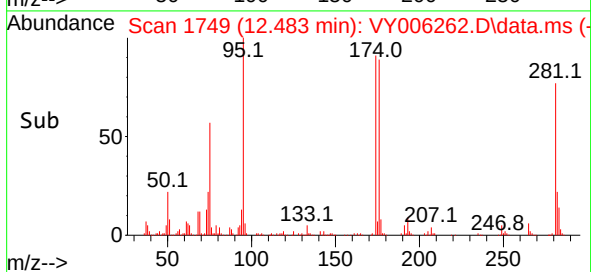
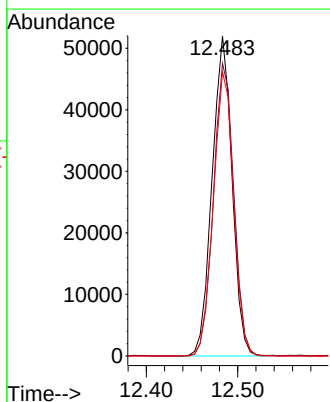
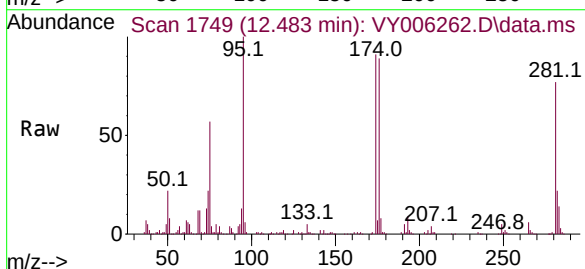
Instrument :
MSVOA_Y
ClientSampled :

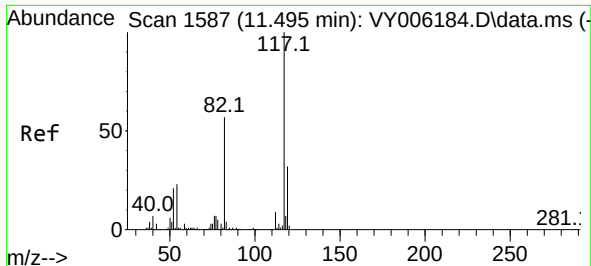
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 164.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 51.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Tgt Ion: 95 Resp: 78883
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 90.0 0.0 175.8

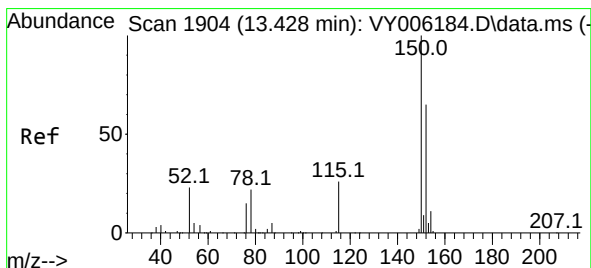
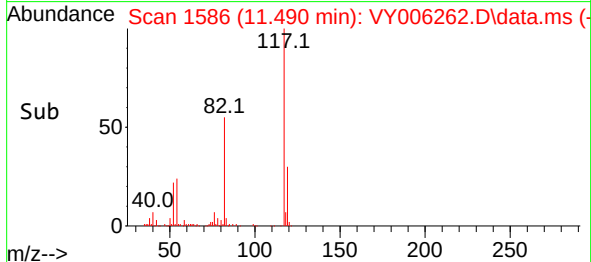
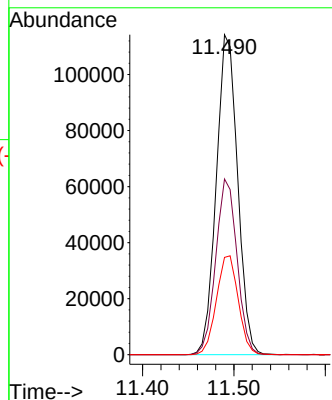
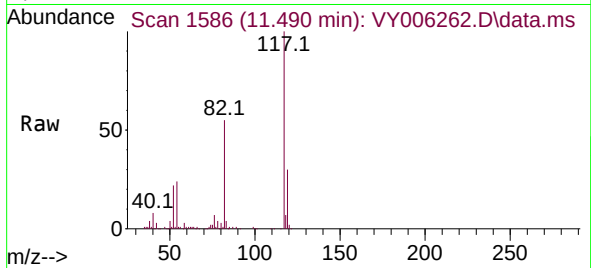




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

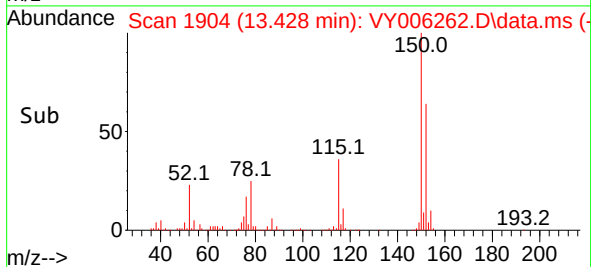
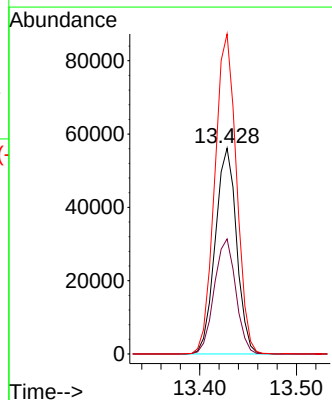
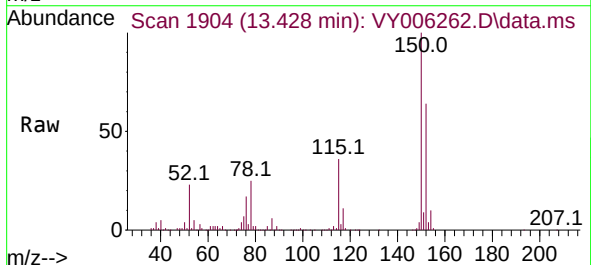
Instrument :
MSVOA_Y
ClientSampleId :

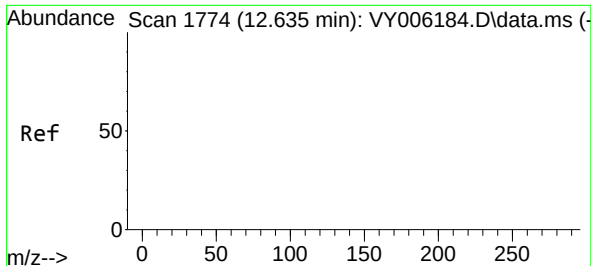
Tgt Ion:117 Resp: 185505
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Tgt Ion:152 Resp: 85995
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.8 0.0 347.6

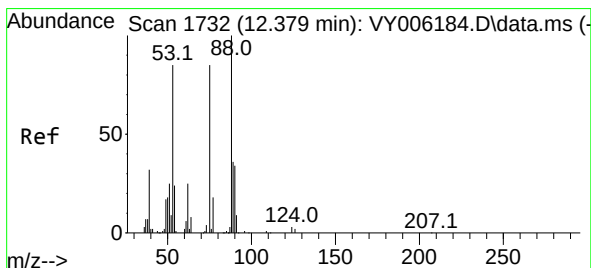
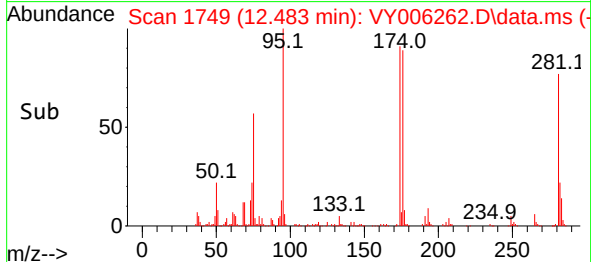
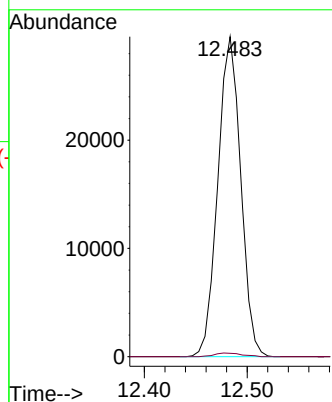
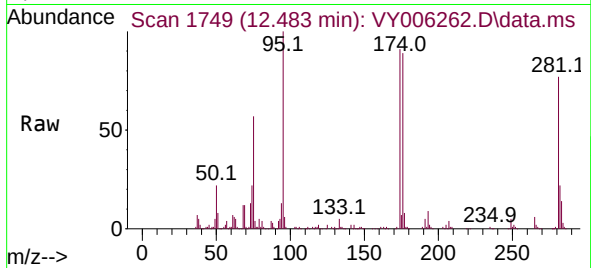




#76
1,2,3-Trichloropropane
Concen: 54.734 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 45748
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006262.D
Acq: 01 Oct 2021 15:43

Tgt Ion: 75 Resp: 45748
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.7 37.0 55.4#

