

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004967.D
 Acq On : 04 Jun 2021 16:17
 Operator : SY/MD
 Sample : M2613-06
 Misc : 17.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(106-110)

Quant Time: Jun 05 01:34:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

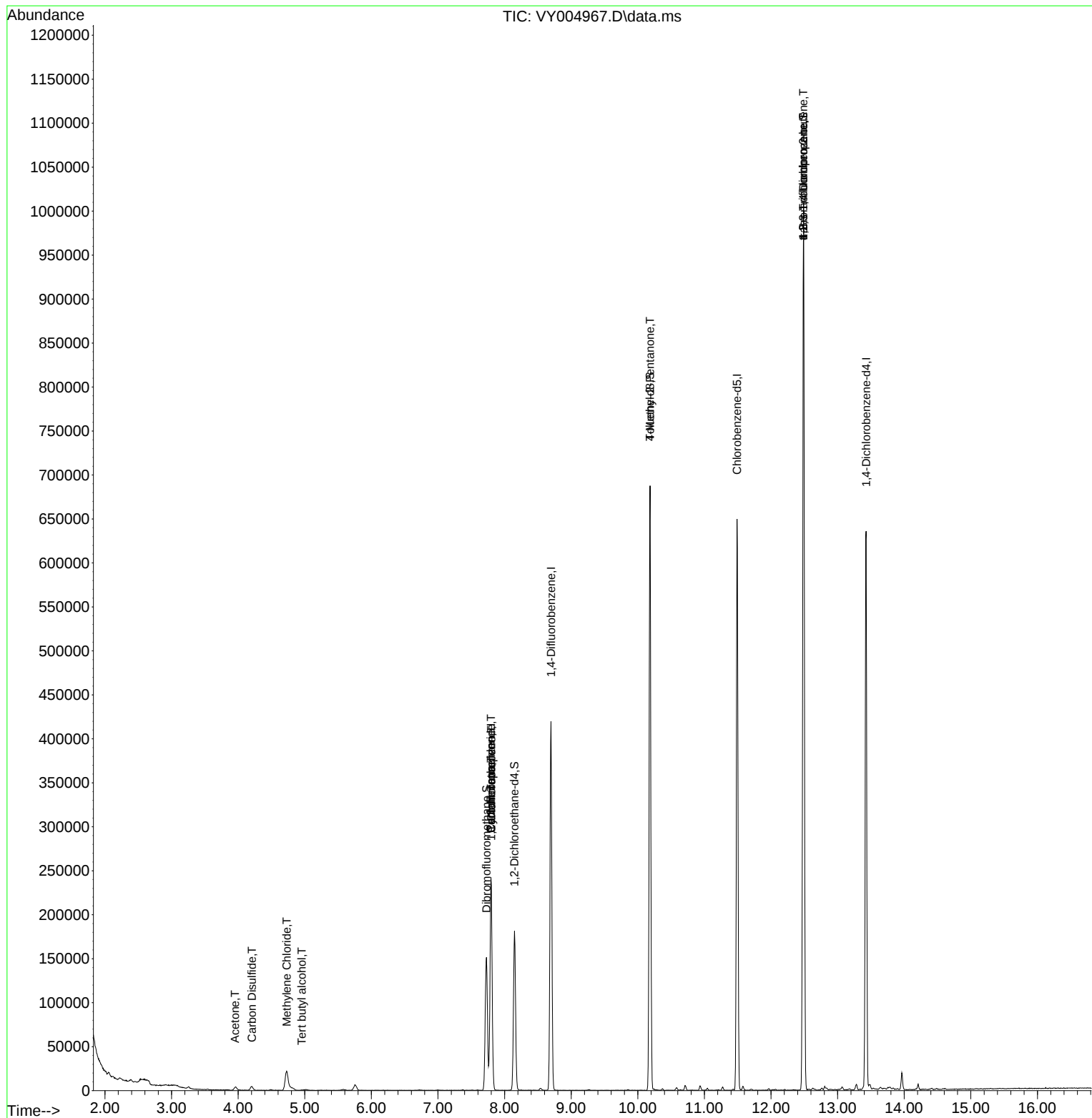
Internal Standards						
1) Pentafluorobenzene	7.795	168	178321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135821	72.047	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 144.100%		
35) Dibromofluoromethane	7.728	113	108327	59.175	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 118.340%		
50) Toluene-d8	10.185	98	430819	56.665	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 113.340%		
62) 4-Bromofluorobenzene	12.483	95	156671	59.918	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 119.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	500	2.306	ug/l #	74
13) Acrolein	3.741	56	21	Below Cal	#	1
16) Acetone	3.954	43	6624	14.596	ug/l	89
17) Carbon Disulfide	4.204	76	8733	1.550	ug/l	99
20) Methylene Chloride	4.729	84	15585	1.369	ug/l	95
31) Cyclohexane	7.795	56	3863	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14883	4.469	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17951	6.194	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2171	1.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	89428	51.345	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89428	94.361	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
Data File : VY004967.D
Acq On : 04 Jun 2021 16:17
Operator : SY/MD
Sample : M2613-06
Misc : 17.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

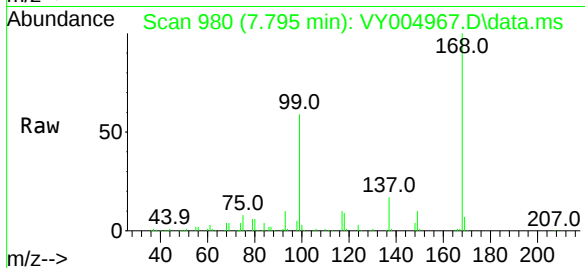
Quant Time: Jun 05 01:34:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



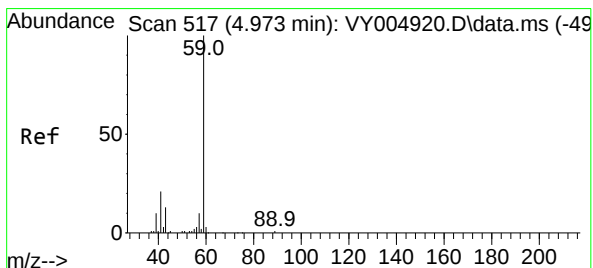
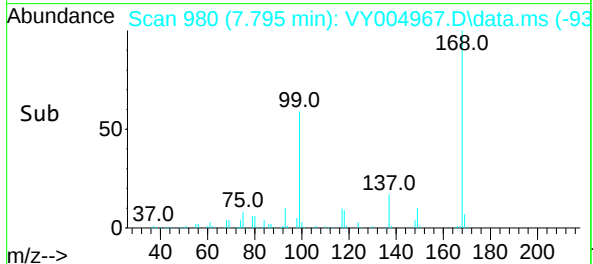
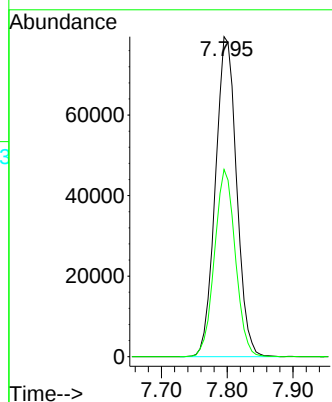


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

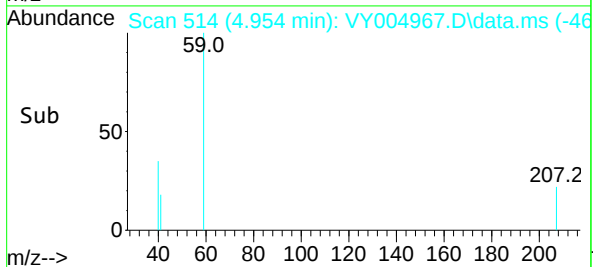
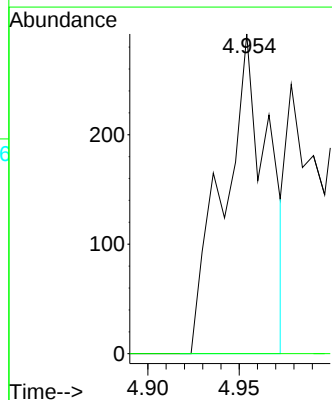
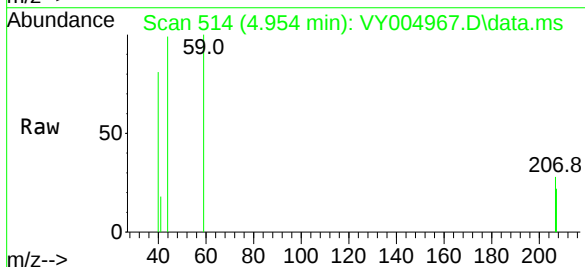


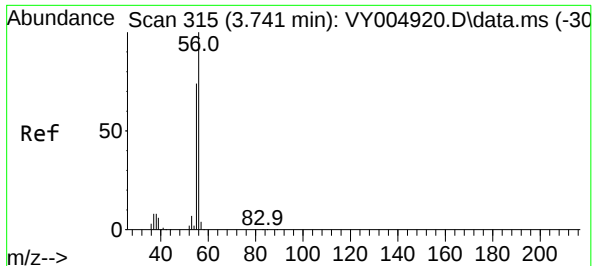
Tgt Ion:168 Resp: 178321
Ion Ratio Lower Upper
168 100
99 58.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.306 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

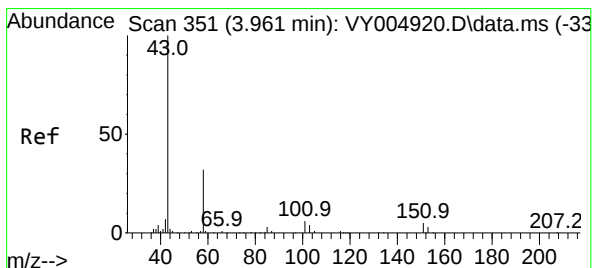
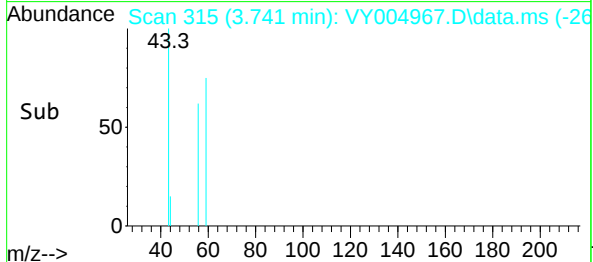
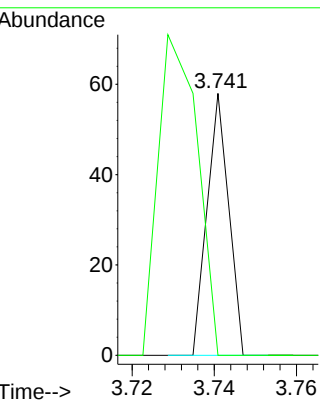
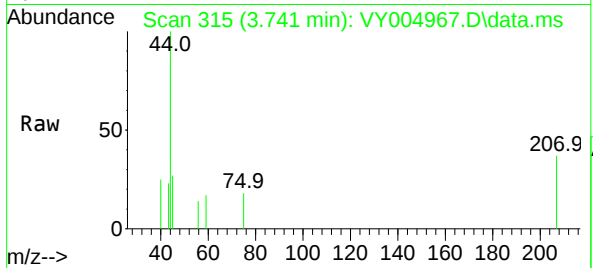




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

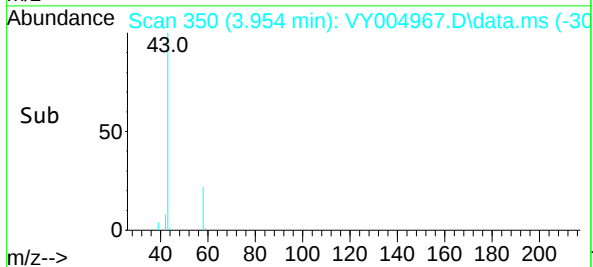
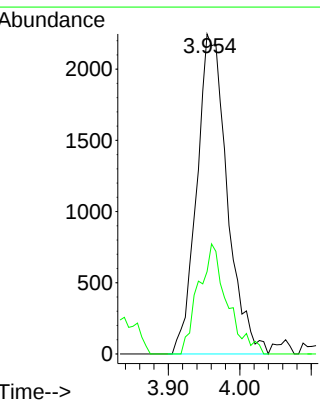
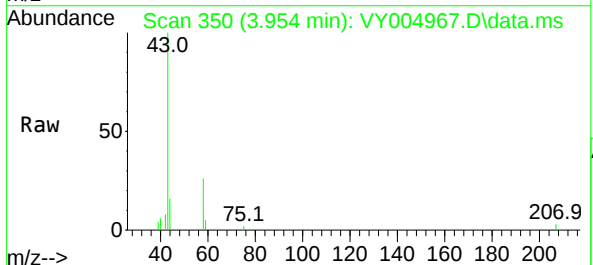
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

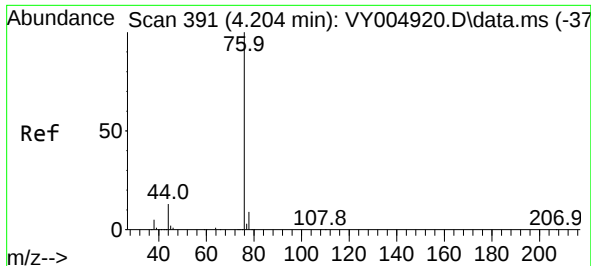
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 223.8 55.4 83.2#



#16
Acetone
Concen: 14.596 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

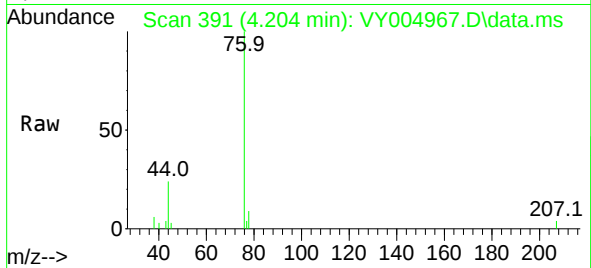
Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
58 25.8 25.3 37.9



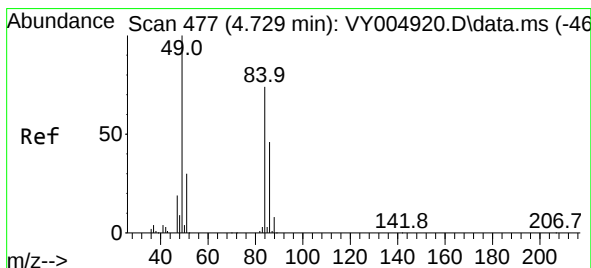
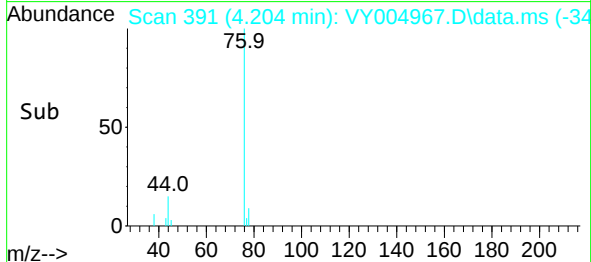
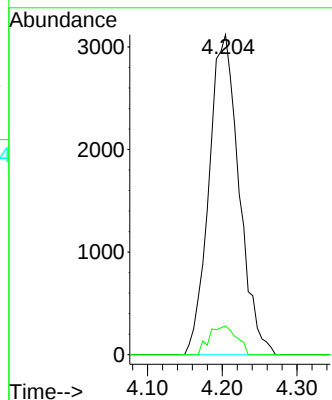


#17
Carbon Disulfide
Concen: 1.550 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

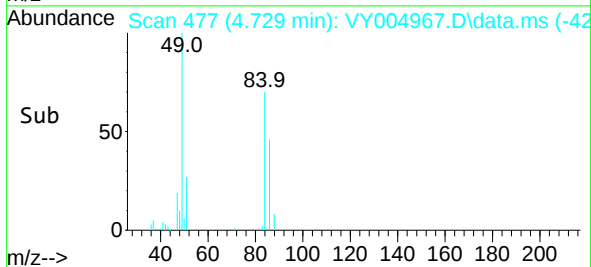
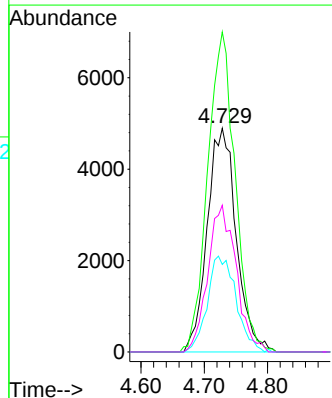
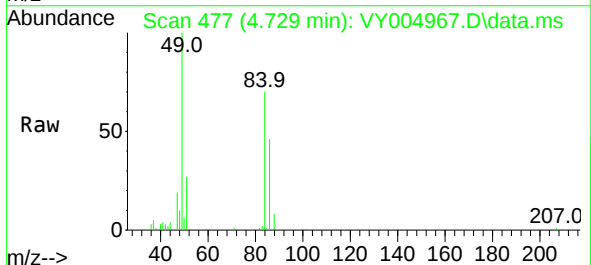


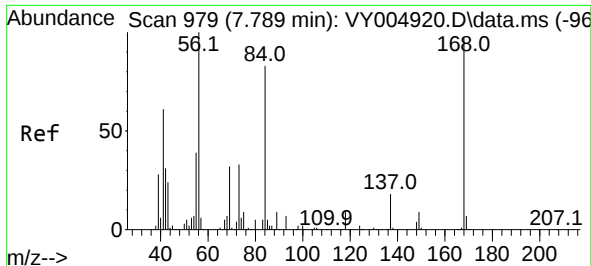
Tgt Ion: 76 Resp: 8733
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#20
Methylene Chloride
Concen: 1.369 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

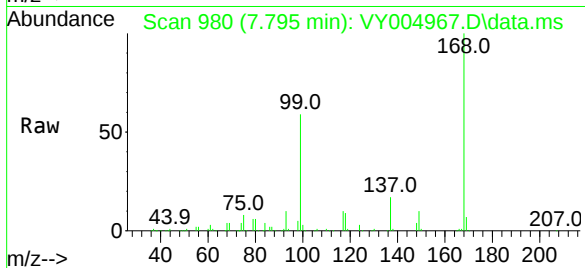
Tgt Ion: 84 Resp: 15585
Ion Ratio Lower Upper
84 100
49 143.1 108.0 162.0
51 39.1 32.6 48.8
86 65.6 49.9 74.9



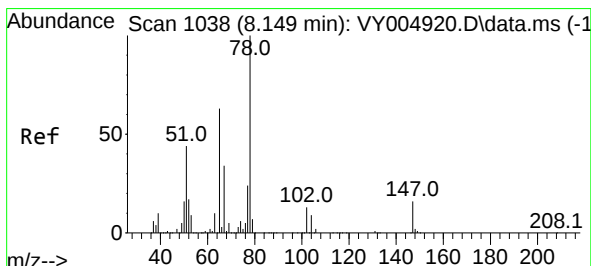
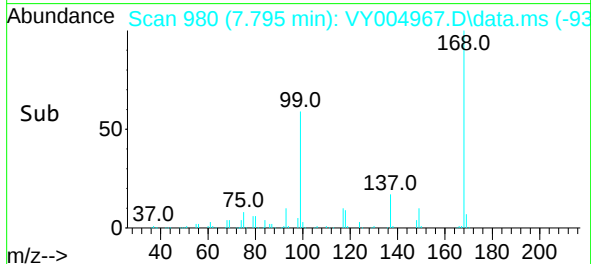
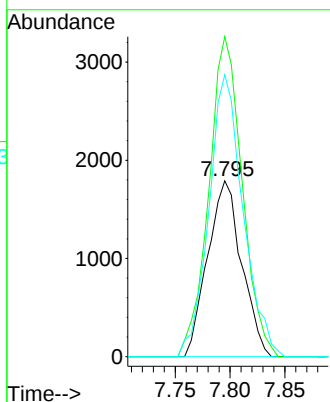


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

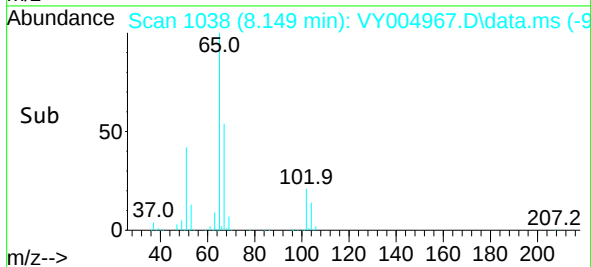
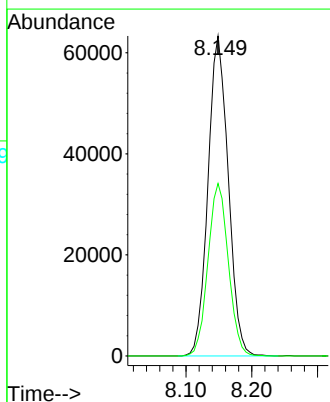
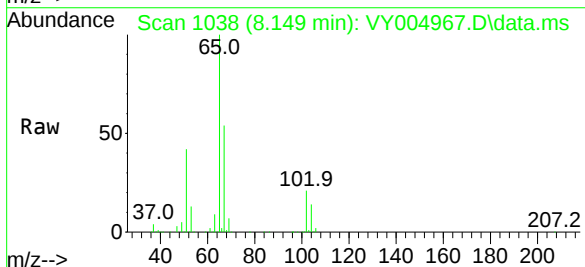


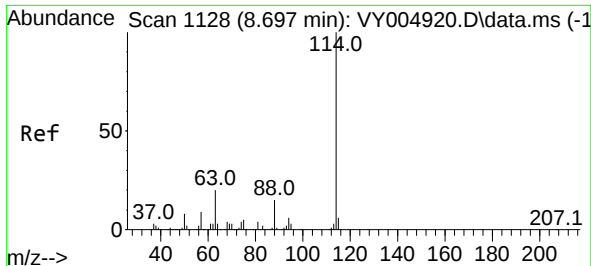
Tgt Ion: 56 Resp: 3863
Ion Ratio Lower Upper
56 100
69 182.0 25.3 37.9#
84 160.3 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 72.047 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Tgt Ion: 65 Resp: 135821
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004967.D

Acq: 04 Jun 2021 16:17

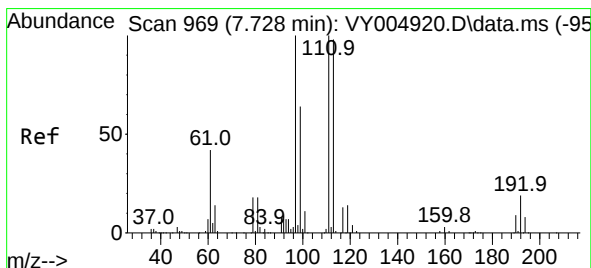
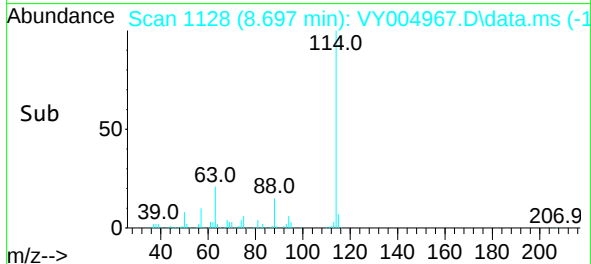
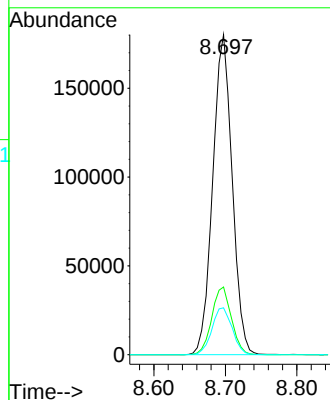
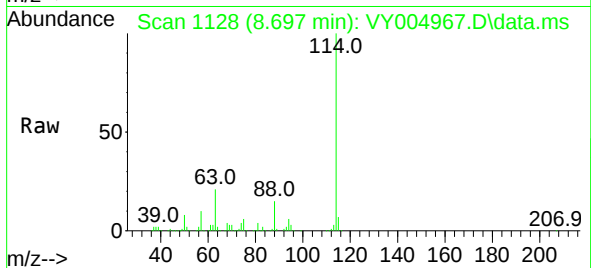
Tgt Ion:114 Resp: 340258

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.175 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004967.D

Acq: 04 Jun 2021 16:17

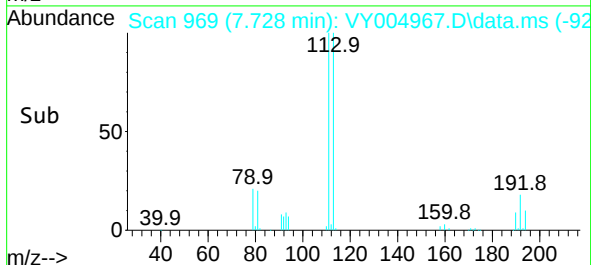
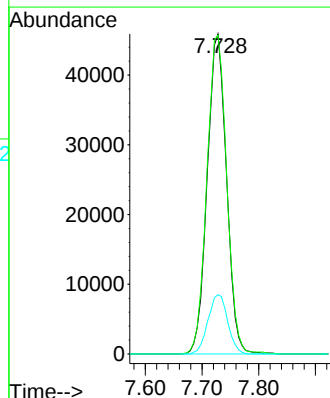
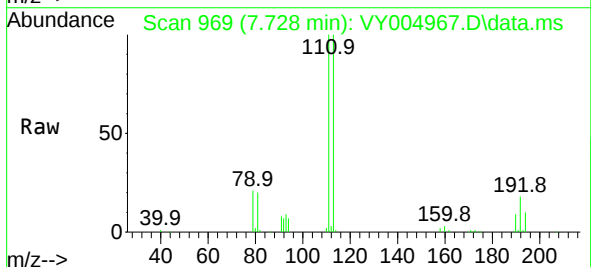
Tgt Ion:113 Resp: 108327

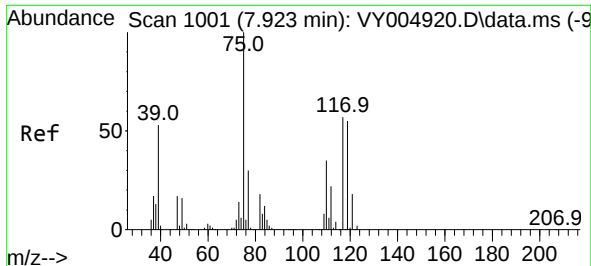
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

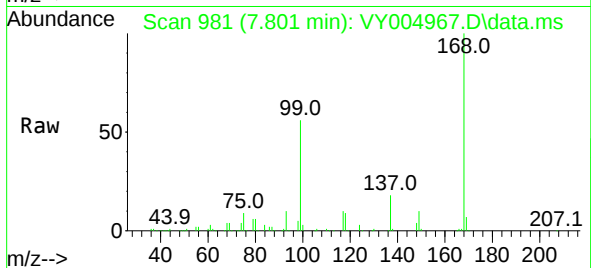
192 18.9 15.3 22.9



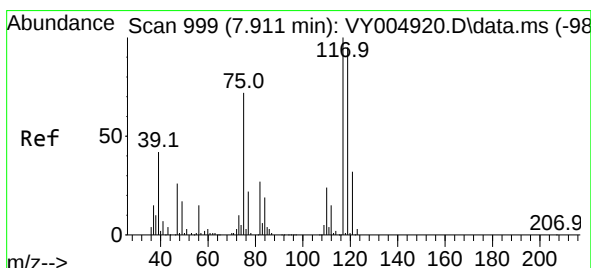
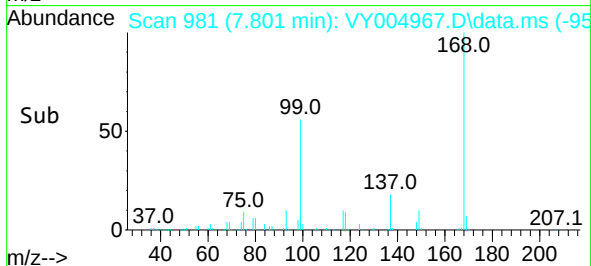
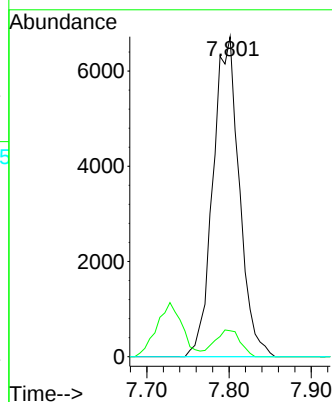


#36
1,1-Dichloropropene
Concen: 4.469 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

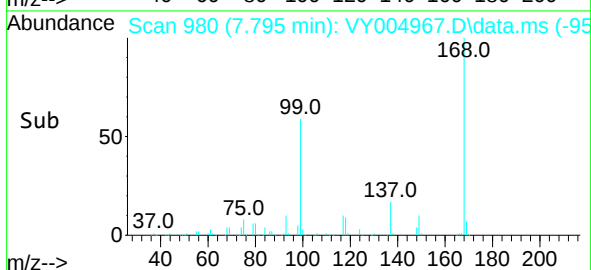
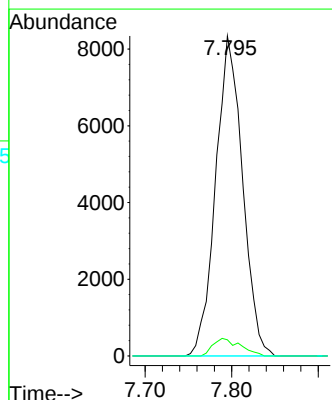
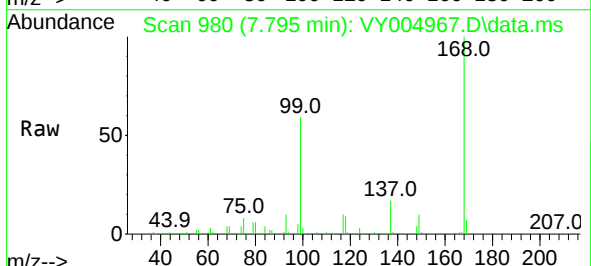


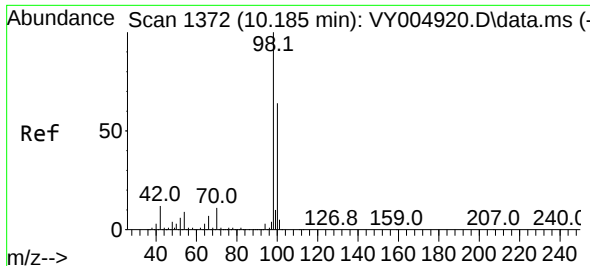
Tgt Ion: 75 Resp: 14883
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Tgt Ion: 117 Resp: 17951
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 25.5 38.3#

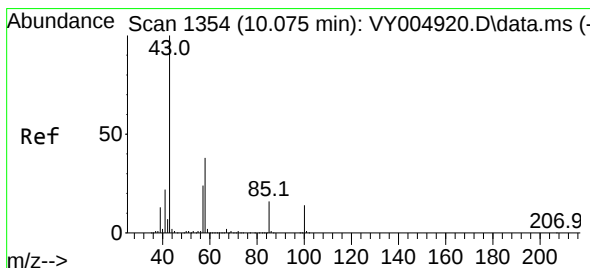
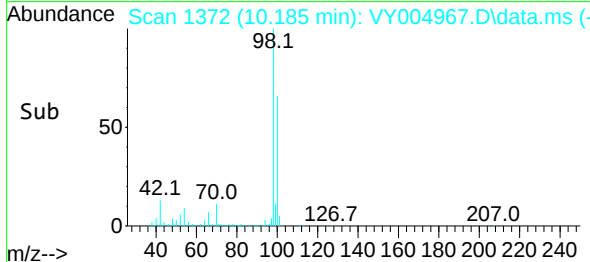
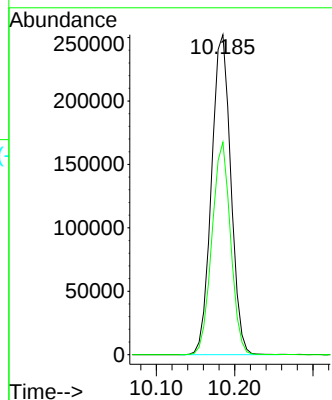
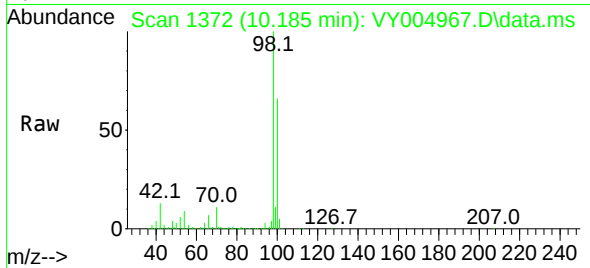




#50
Toluene-d8
Concen: 56.665 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

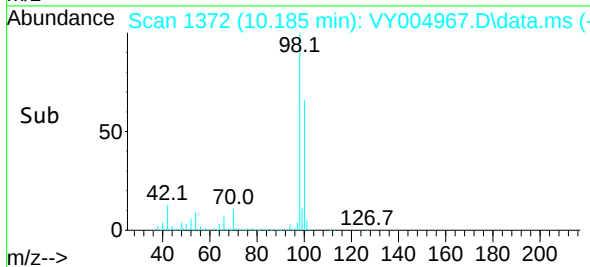
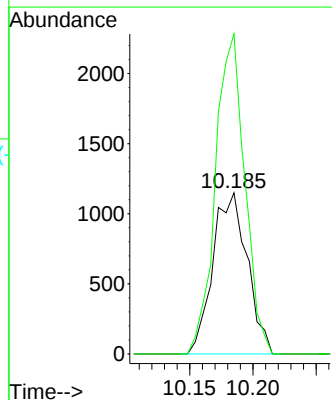
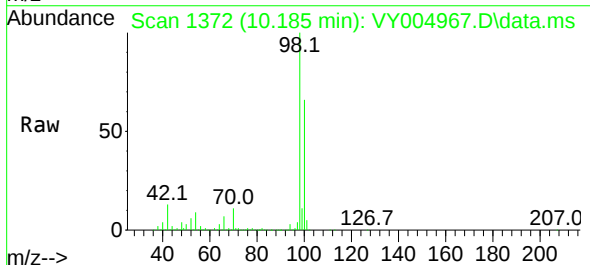
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

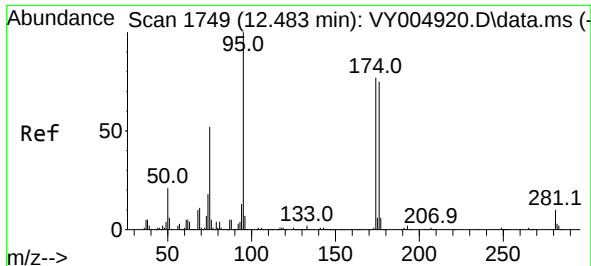
Tgt Ion: 98 Resp: 430819
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 169.6 30.6 46.0#

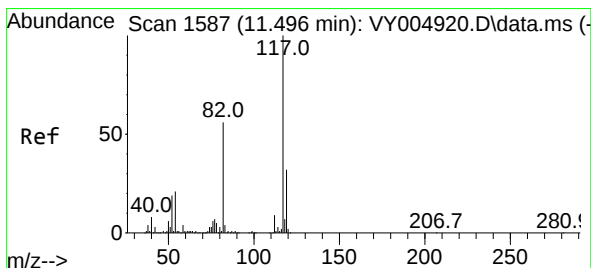
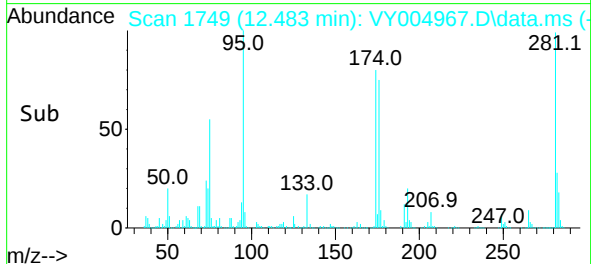
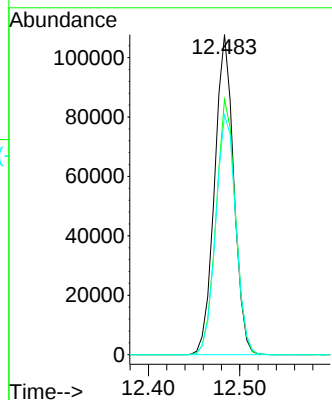
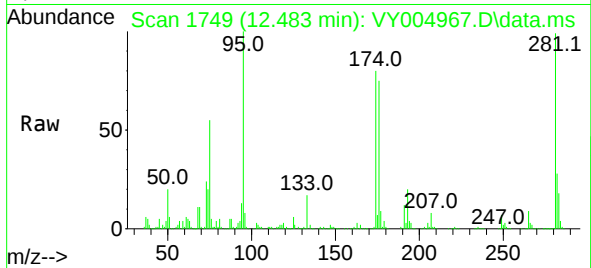




#62
4-Bromofluorobenzene
Concen: 59.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

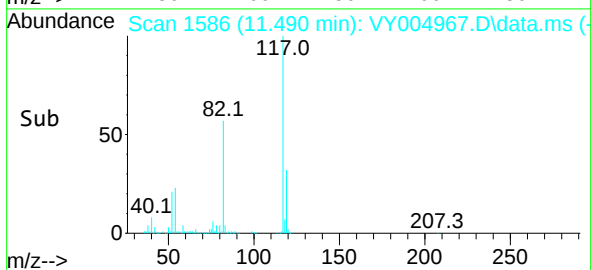
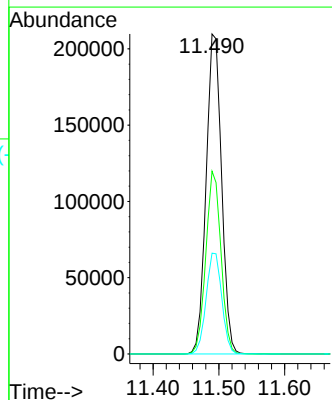
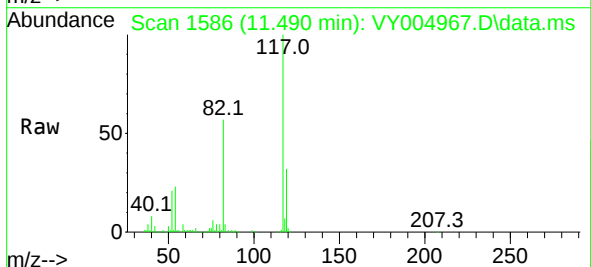
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(106-110)

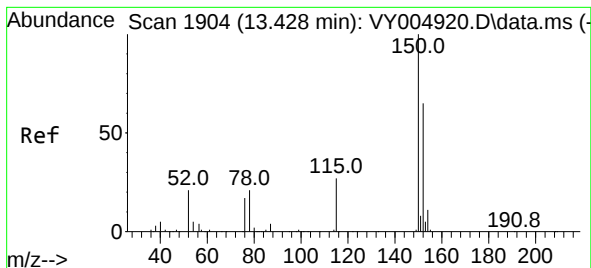
Tgt Ion: 95 Resp: 156671
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.8
176 78.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004967.D
Acq: 04 Jun 2021 16:17

Tgt Ion: 117 Resp: 342476
Ion Ratio Lower Upper
117 100
82 57.1 44.8 67.2
119 31.5 25.2 37.8

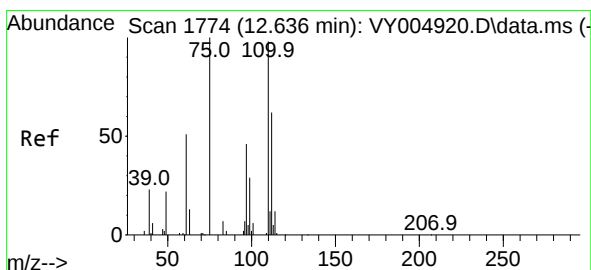
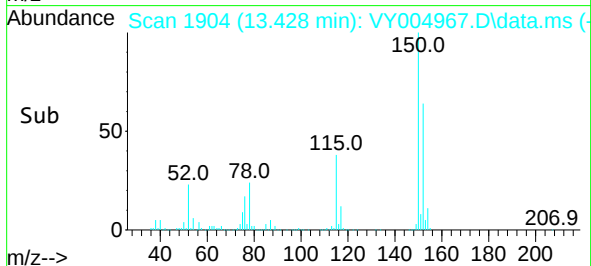
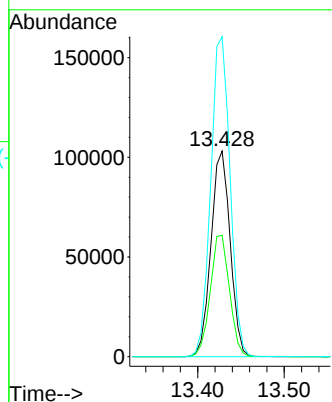
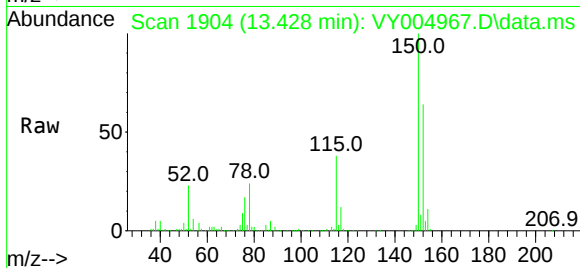




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004967.D
 Acq: 04 Jun 2021 16:17

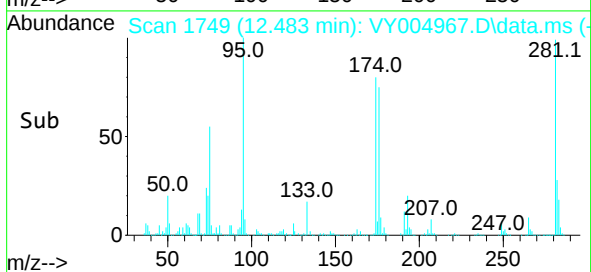
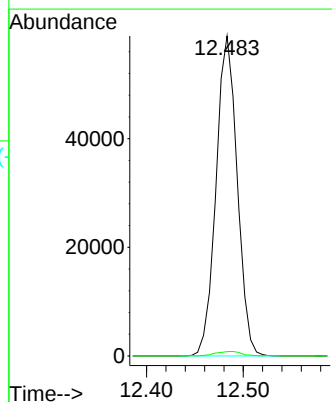
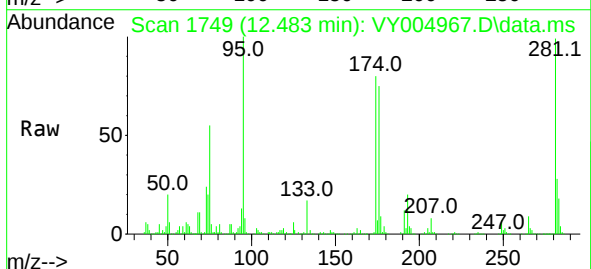
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(106-110)

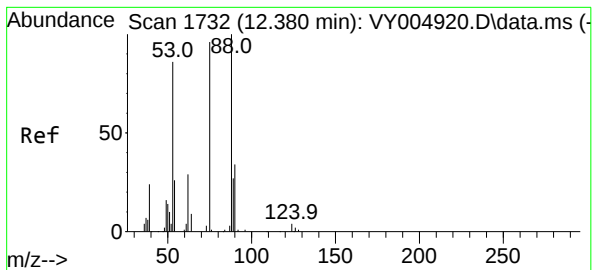
Tgt Ion:152 Resp: 158886
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.9 89.7
 150 156.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 51.345 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004967.D
 Acq: 04 Jun 2021 16:17

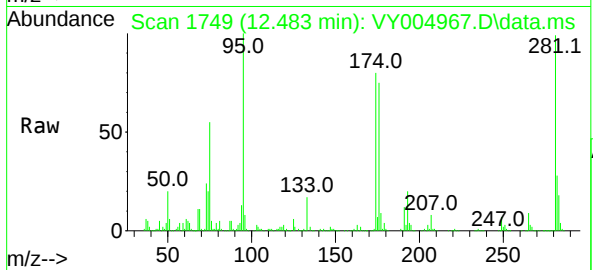
Tgt Ion: 75 Resp: 89428
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.361 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004967.D
 Acq: 04 Jun 2021 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(106-110)



Tgt Ion: 75 Resp: 89428
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.3 103.9#
 89 2.6 35.0 52.6#

