

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020119.D
 Acq On : 01 Nov 2024 15:10
 Operator : SY/MD
 Sample : P4640-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 16:03:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

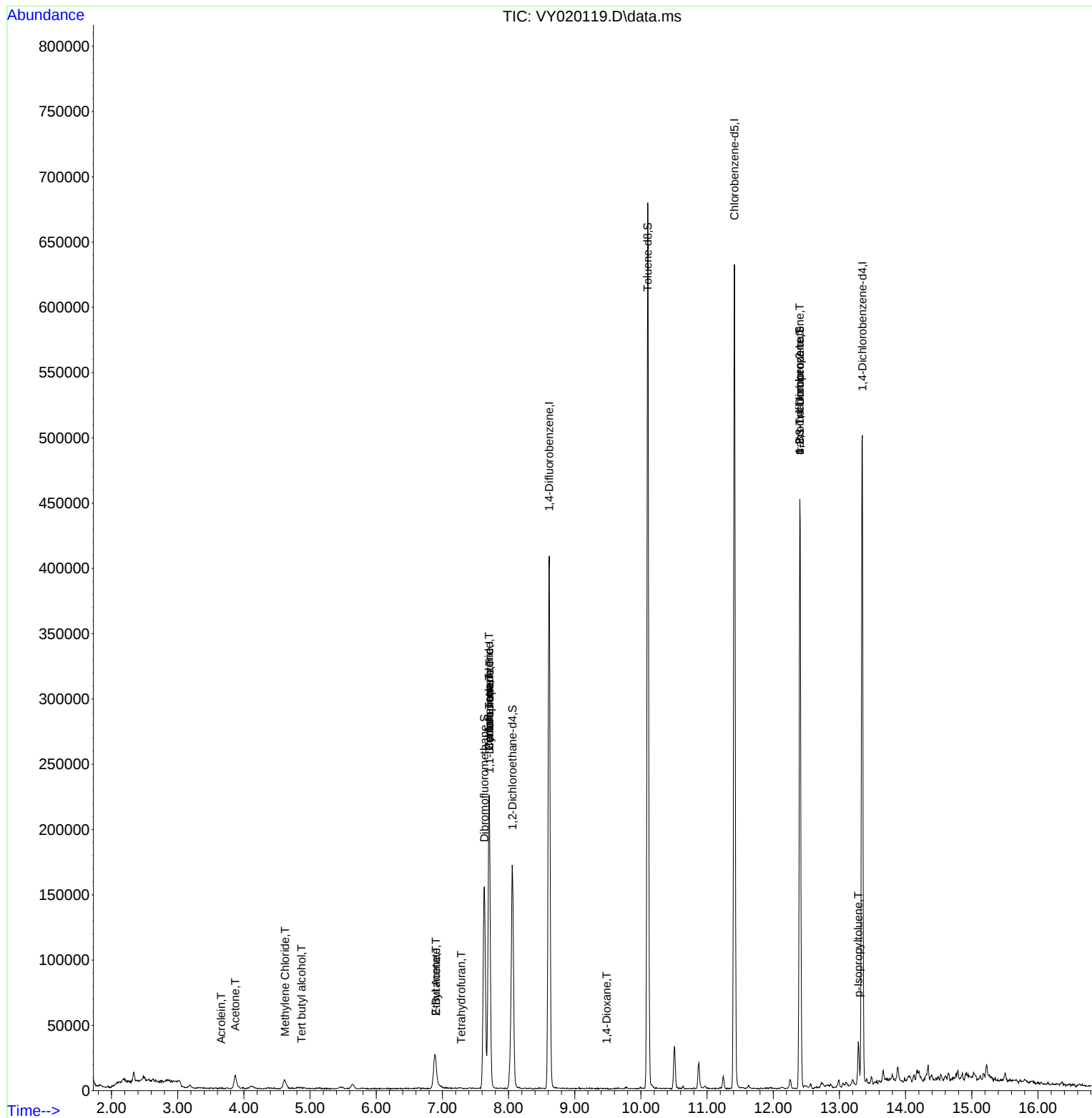
Internal Standards						
1) Pentafluorobenzene	7.707	168	156803	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	325059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	303237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	116239	59.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.800%	
35) Dibromofluoromethane	7.634	113	110464	53.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.103	98	408390	49.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.280%	
62) 4-Bromofluorobenzene	12.401	95	128187	47.973	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	217	1.542	ug/l	# 50
13) Acrolein	3.659	56	323	1.843	ug/l	# 66
16) Acetone	3.872	43	18686	41.058	ug/l	# 75
20) Methylene Chloride	4.622	84	4301	2.104	ug/l	# 91
25) 2-Butanone	6.902	43	6087	9.867	ug/l	# 89
29) Tetrahydrofuran	7.286	42	560	1.573	ug/l	# 28
31) Cyclohexane	7.707	56	5066	1.426	ug/l	# 39
36) 1,1-Dichloropropene	7.713	75	16484	5.163	ug/l	# 47
37) Ethyl Acetate	6.902	43	6087	3.999	ug/l	# 68
38) Carbon Tetrachloride	7.707	117	17608	5.485	ug/l	# 17
49) 1,4-Dioxane	9.481	88	18	1.447	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	74240	68.324	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	74240	146.962	ug/l	# 16
86) p-Isopropyltoluene	13.285	119	15734	1.965	ug/l	# 93

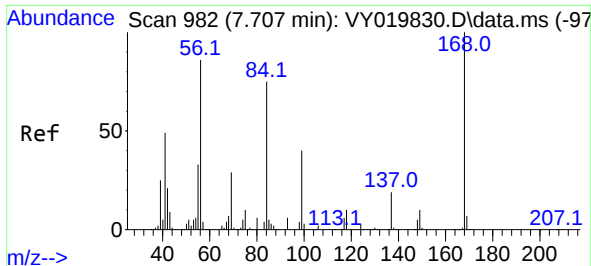
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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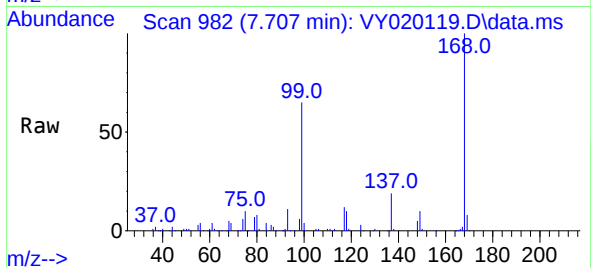
Quant Time: Nov 01 16:03:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



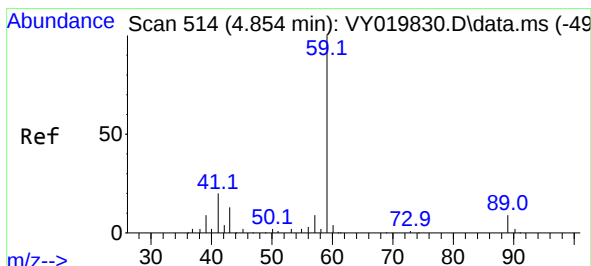
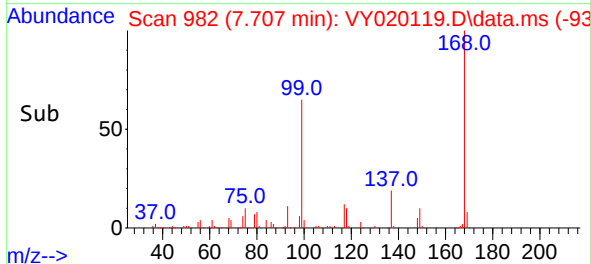
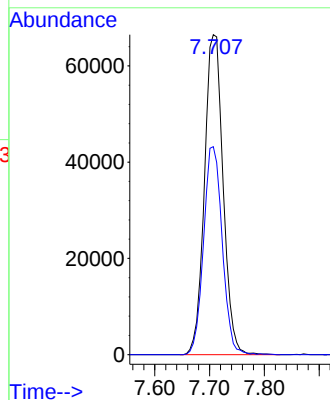


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

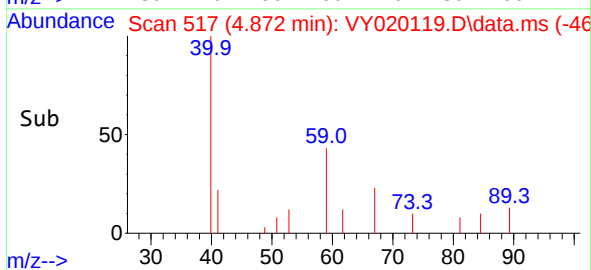
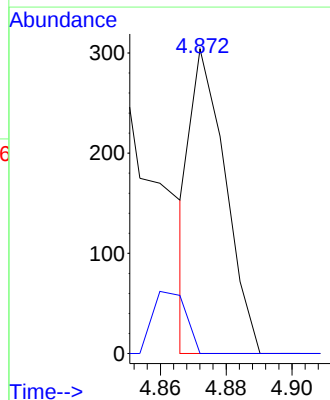
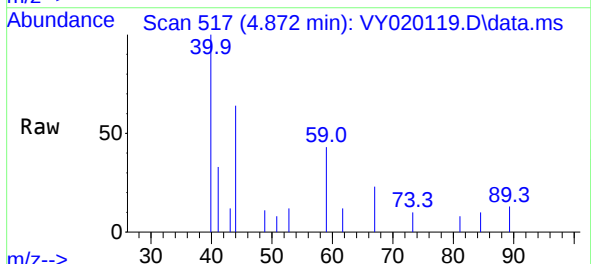


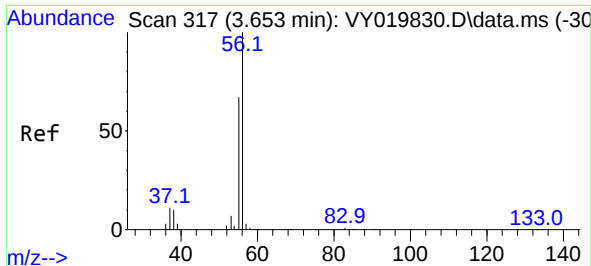
Tgt Ion:168 Resp: 156803
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.542 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

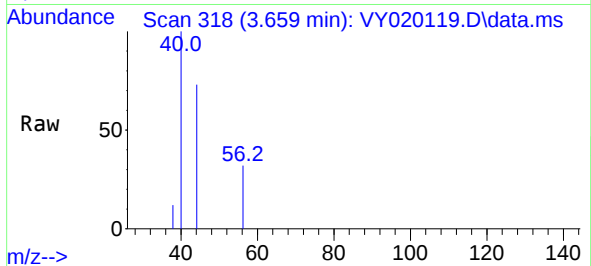
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 20.3 3.0 4.6#



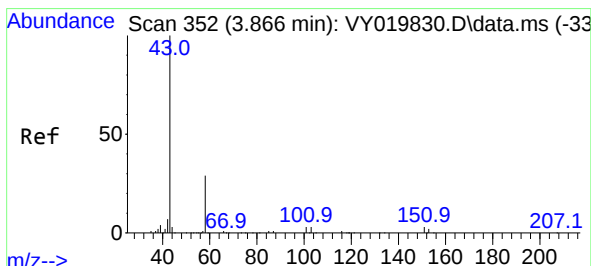
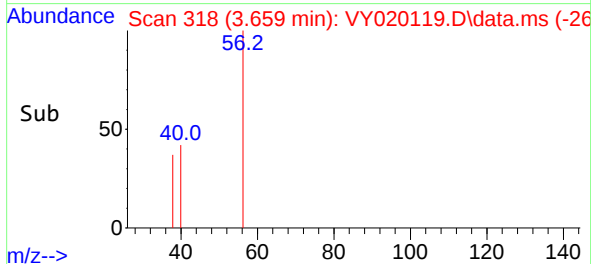
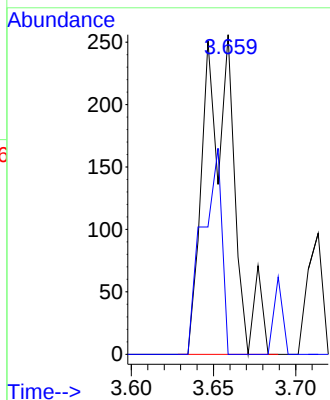


#13
Acrolein
Concen: 1.843 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

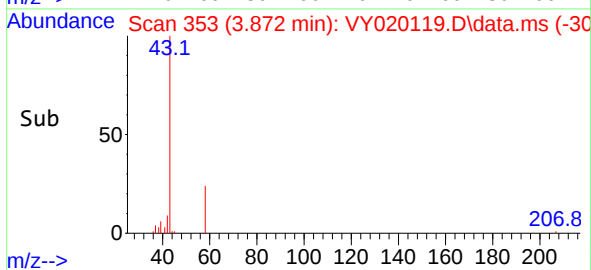
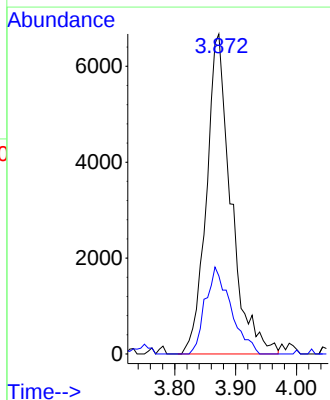
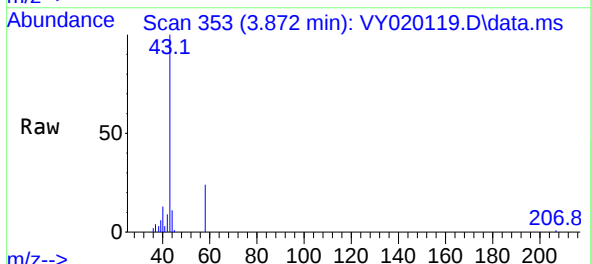


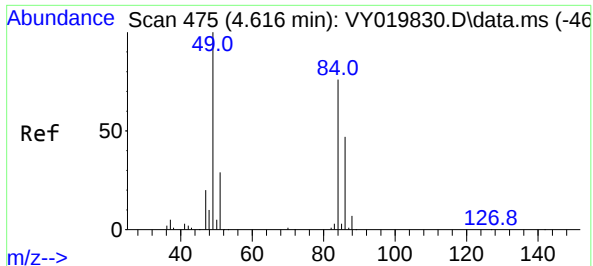
Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
55 41.8 55.7 83.5#



#16
Acetone
Concen: 41.058 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

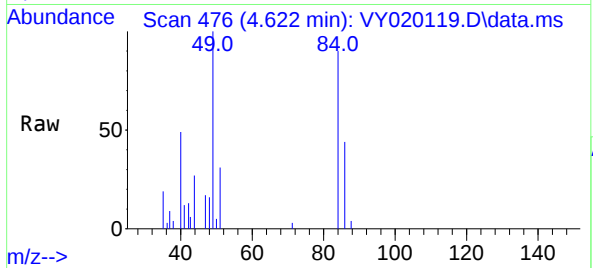
Tgt Ion: 43 Resp: 18686
Ion Ratio Lower Upper
43 100
58 24.4 31.7 47.5#



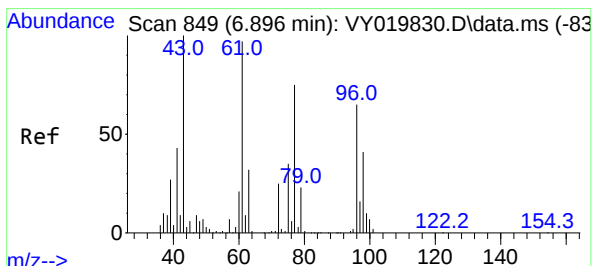
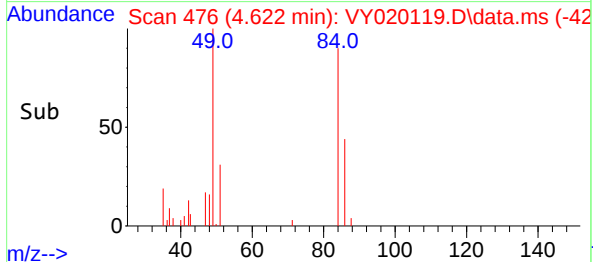
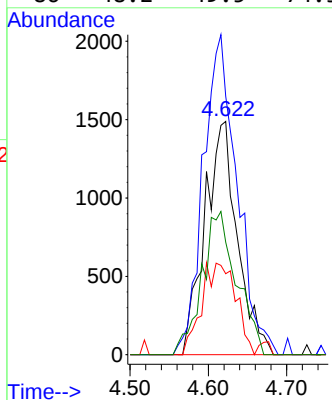


#20
Methylene Chloride
Concen: 2.104 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

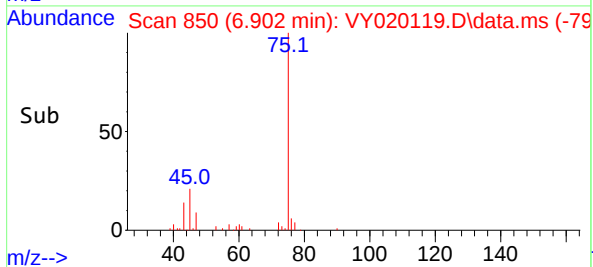
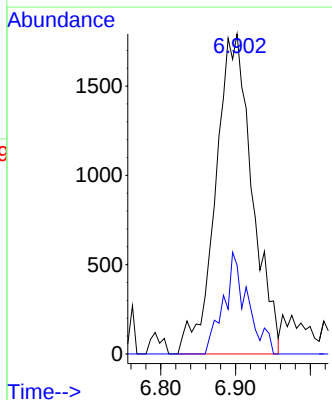
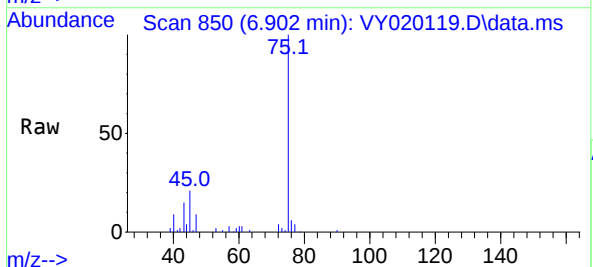


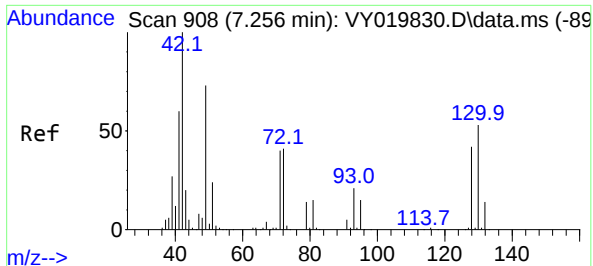
Tgt Ion: 84 Resp: 4301
Ion Ratio Lower Upper
84 100
49 110.7 84.4 126.6
51 34.7 26.0 39.0
86 48.2 49.5 74.3#



#25
2-Butanone
Concen: 9.867 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 43 Resp: 6087
Ion Ratio Lower Upper
43 100
72 27.7 27.3 40.9

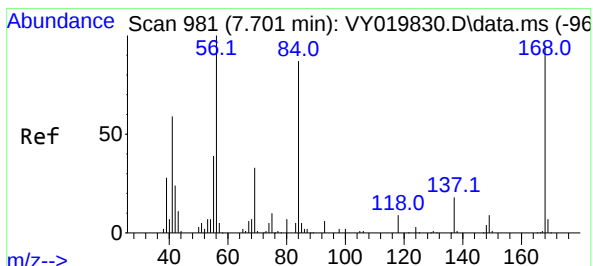
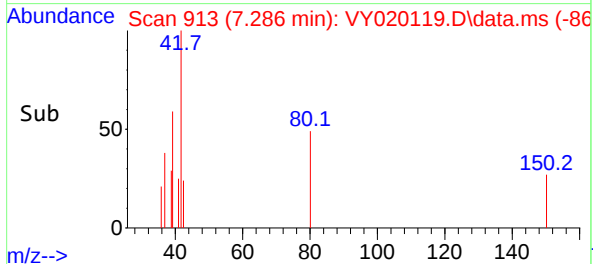
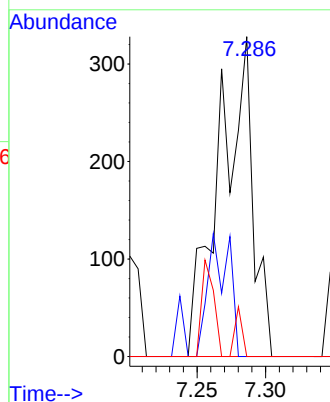
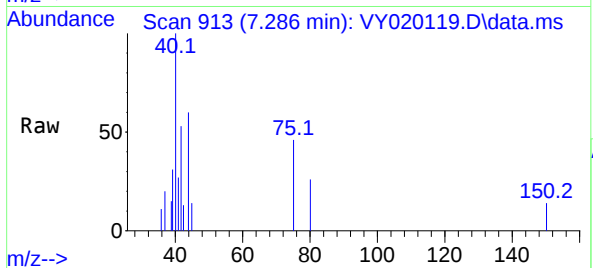




#29
Tetrahydrofuran
Concen: 1.573 ug/l
RT: 7.286 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

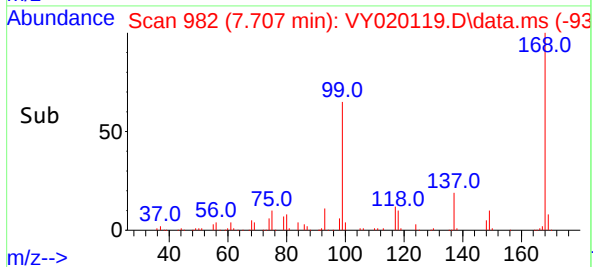
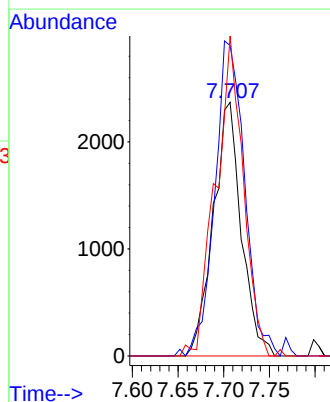
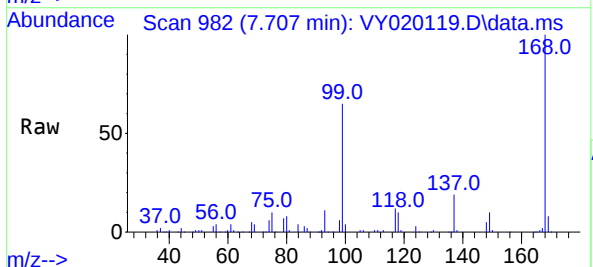
Instrument :
MSVOA_Y
ClientSampleId :

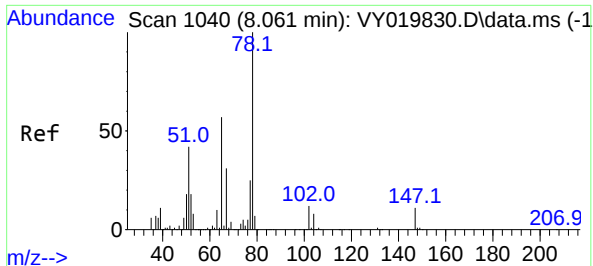
Tgt Ion: 42 Resp: 560
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 3.4 40.8 61.2#



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 56 Resp: 5066
Ion Ratio Lower Upper
56 100
69 122.4 28.7 43.1#
84 126.2 77.7 116.5#

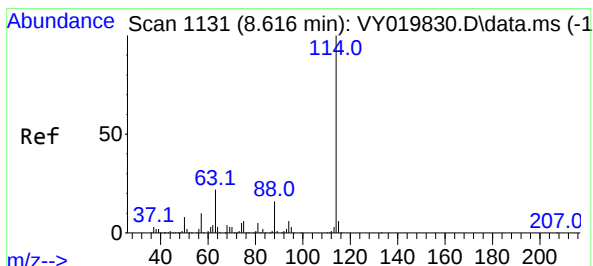
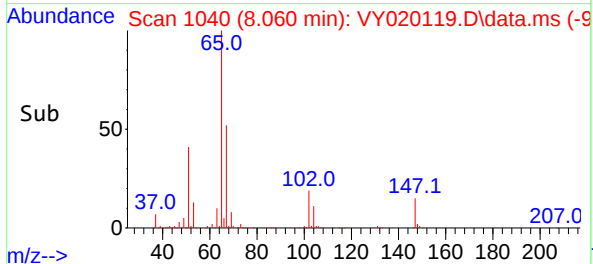
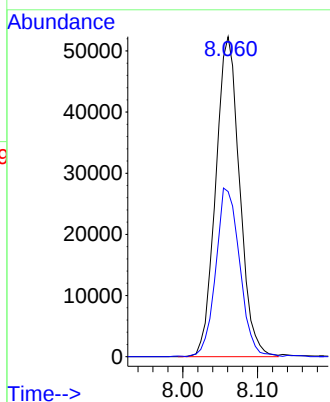
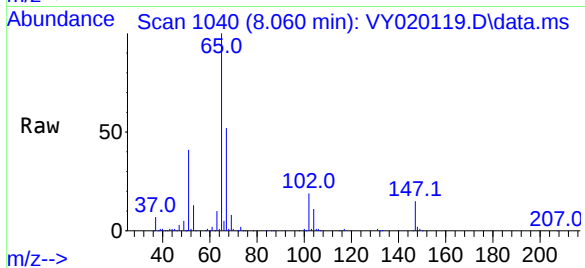




#33
1,2-Dichloroethane-d4
Concen: 59.396 ug/l
RT: 8.060 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

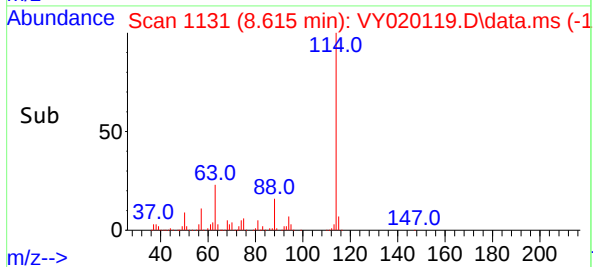
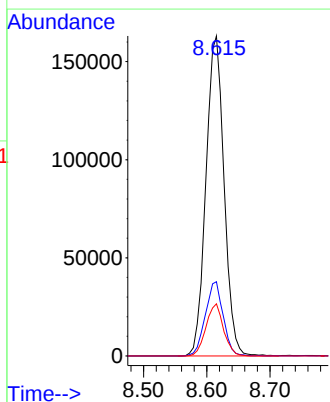
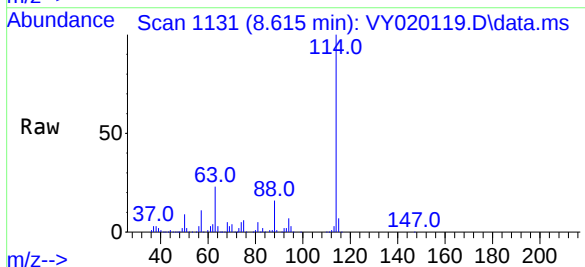
Instrument :
MSVOA_Y
ClientSampleId :

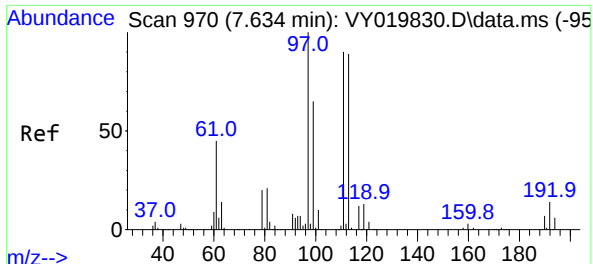
Tgt Ion: 65 Resp: 116239
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

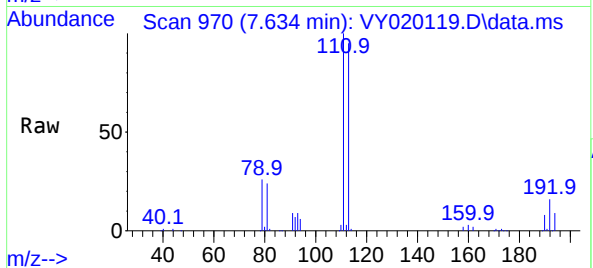
Tgt Ion:114 Resp: 325059
Ion Ratio Lower Upper
114 100
63 23.2 0.0 35.0
88 16.3 0.0 27.2



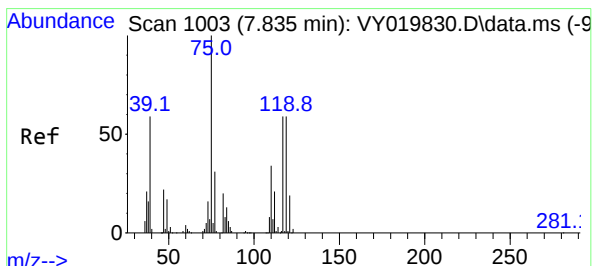
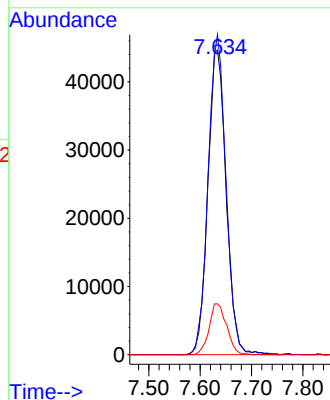
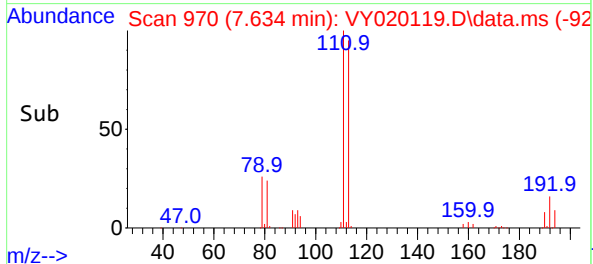


#35
Dibromofluoromethane
Concen: 53.449 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

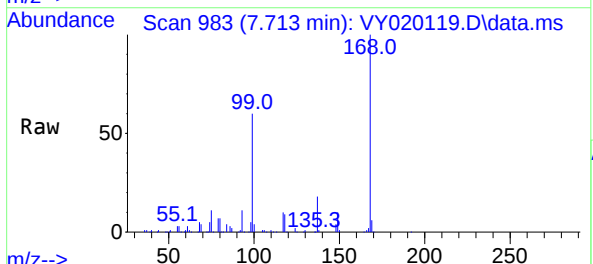
Instrument :
MSVOA_Y
ClientSampleId :



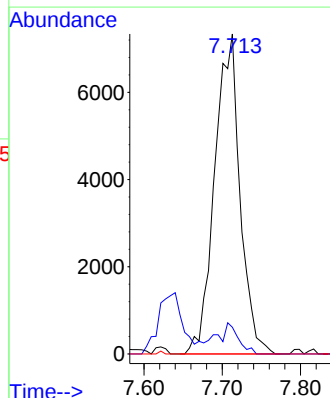
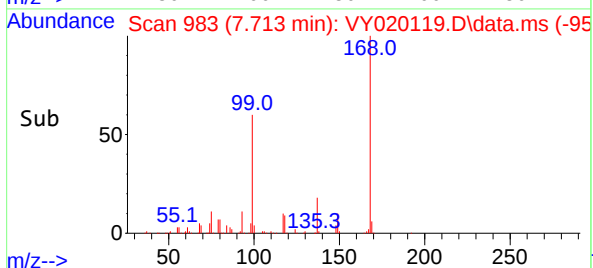
Tgt Ion:113 Resp: 110464
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.0 15.9 23.9

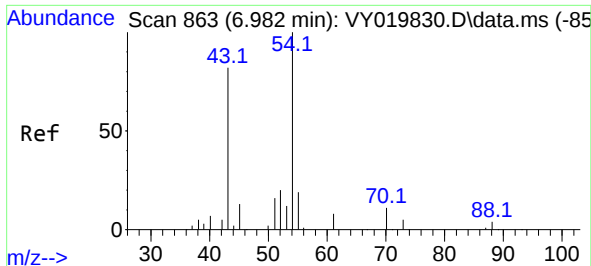


#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10



Tgt Ion: 75 Resp: 16484
Ion Ratio Lower Upper
75 100
110 8.1 19.0 57.0#
77 0.0 25.3 37.9#

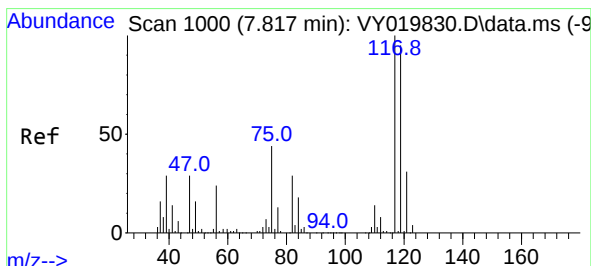
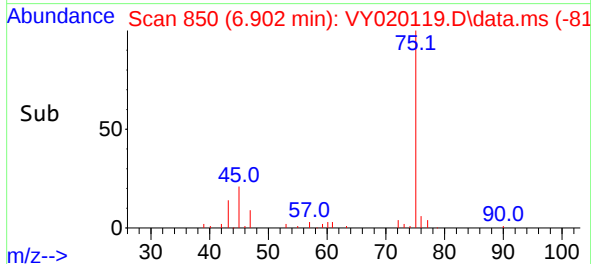
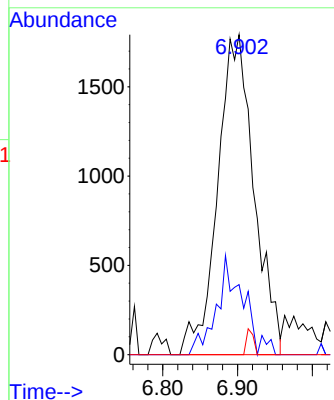
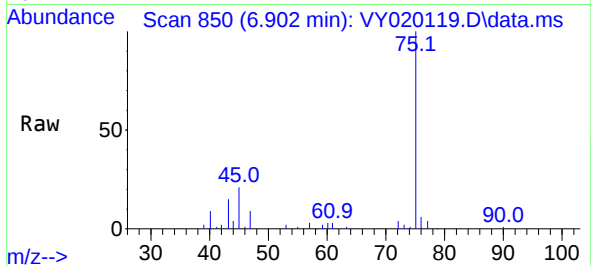




#37
Ethyl Acetate
Concen: 3.999 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.079 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

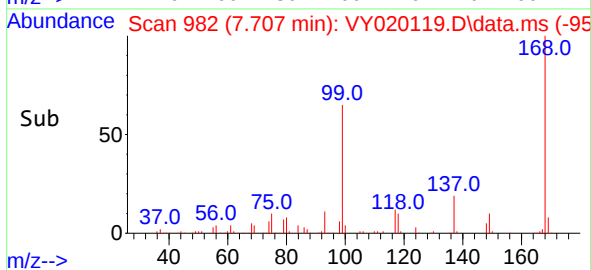
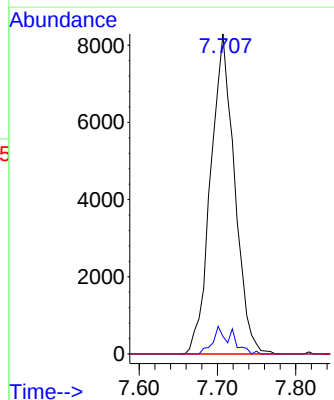
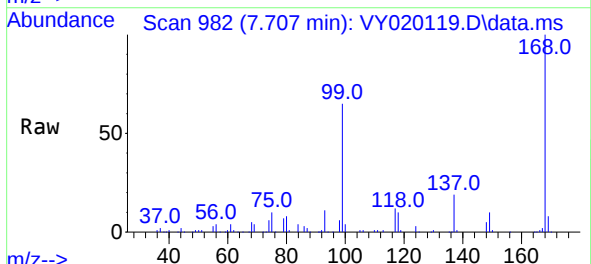
Instrument :
MSVOA_Y
ClientSampleId :

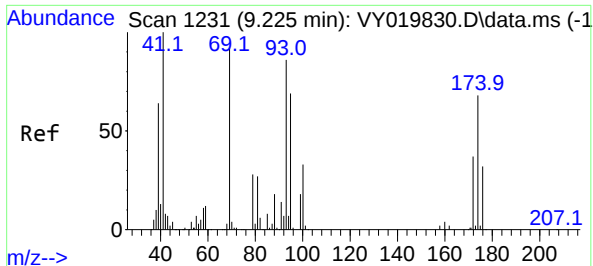
Tgt Ion: 43 Resp: 6087
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 1.5 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

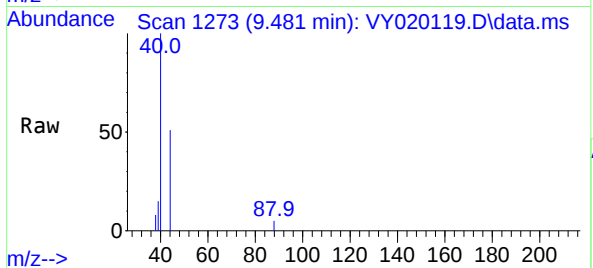
Tgt Ion: 117 Resp: 17608
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



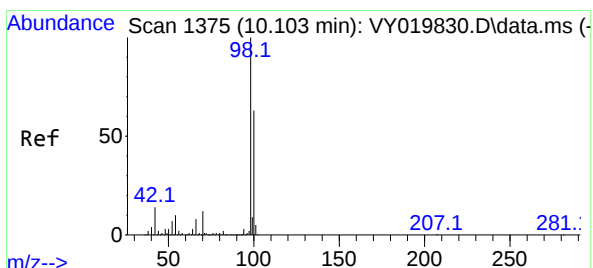
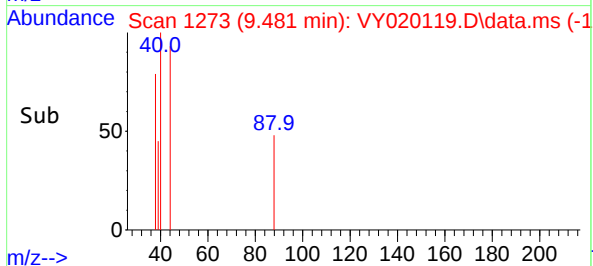
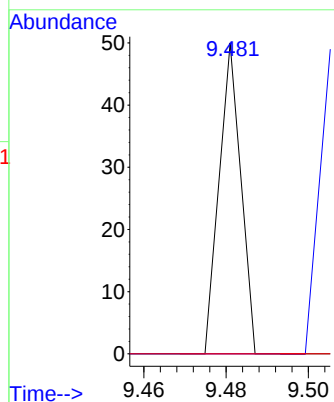


#49
1,4-Dioxane
Concen: 1.447 ug/l
RT: 9.481 min Scan# 11
Delta R.T. 0.250 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

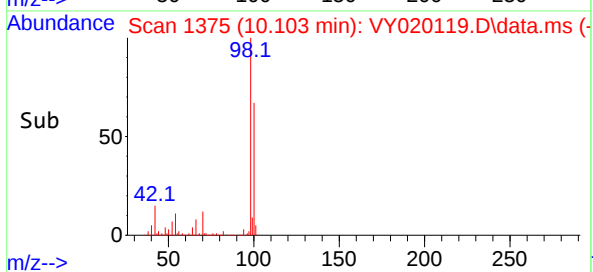
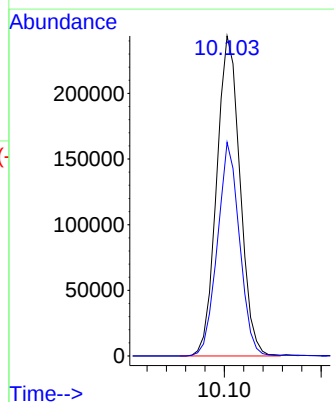
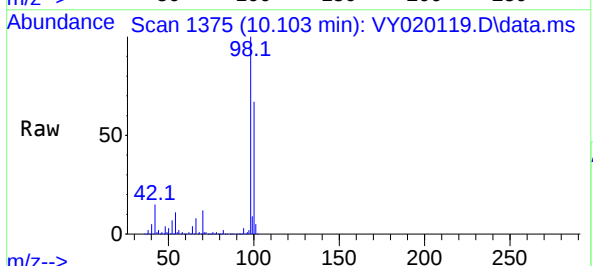


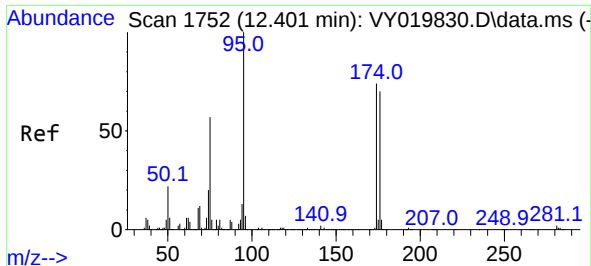
Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 49.643 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 98 Resp: 408390
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

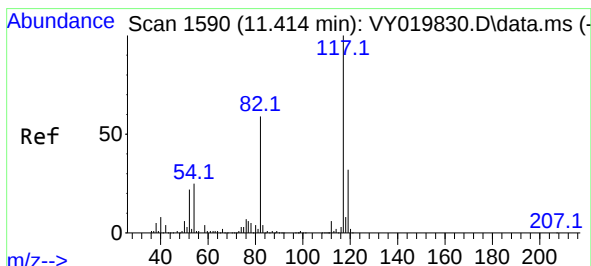
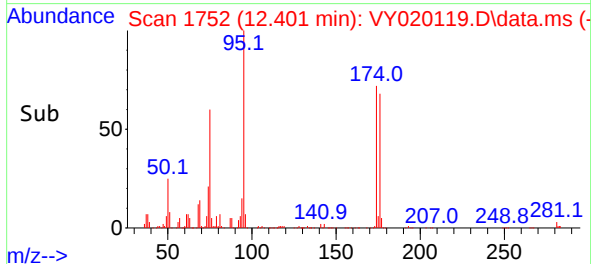
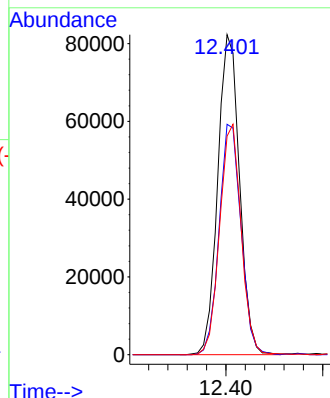
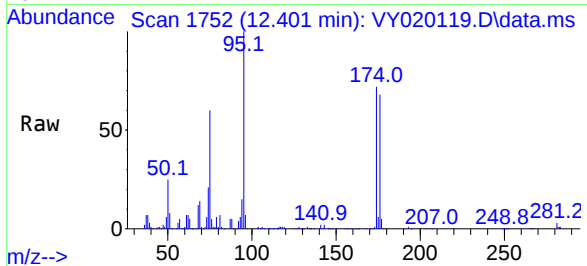




#62
4-Bromofluorobenzene
Concen: 47.973 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

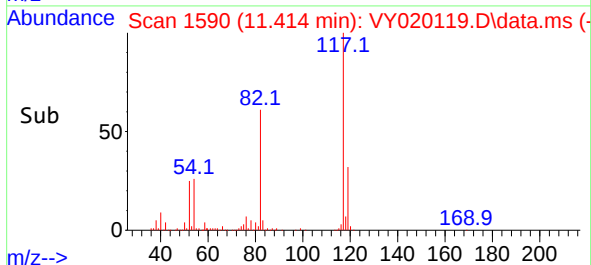
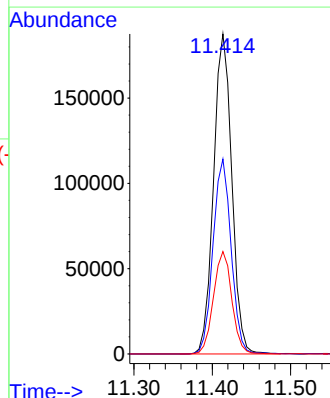
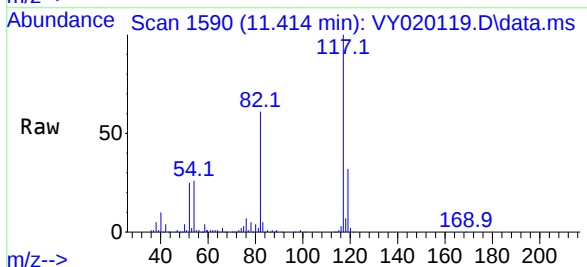
Instrument :
MSVOA_Y
ClientSampleId :

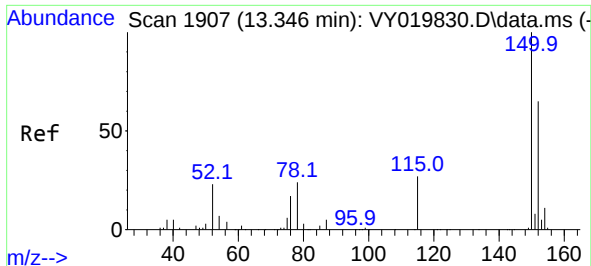
Tgt Ion: 95 Resp: 128187
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 71.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 117 Resp: 303237
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.0 25.9 38.9

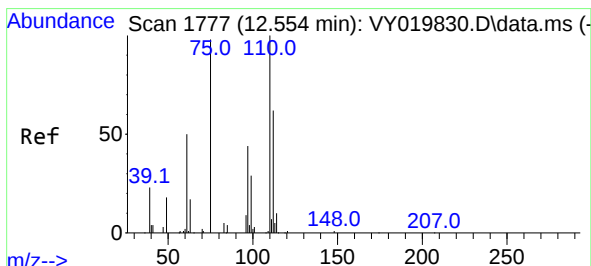
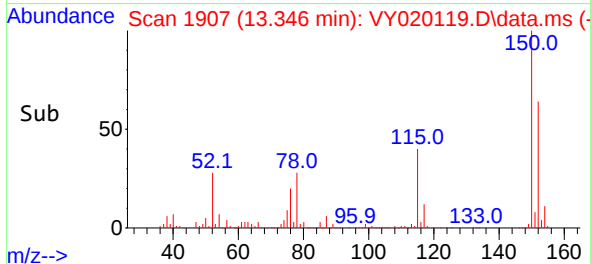
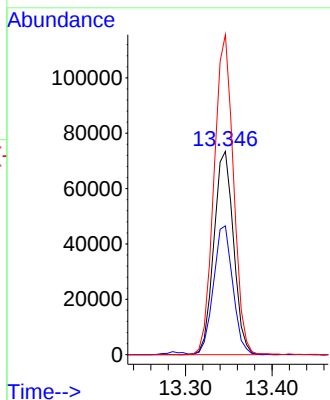
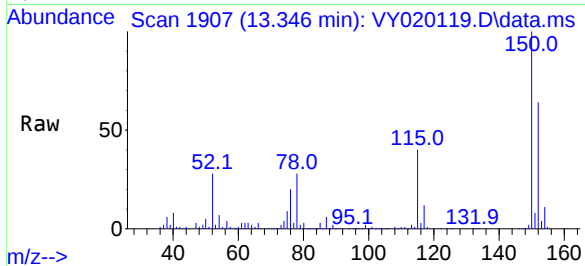




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 115
Delta R.T. -0.000 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

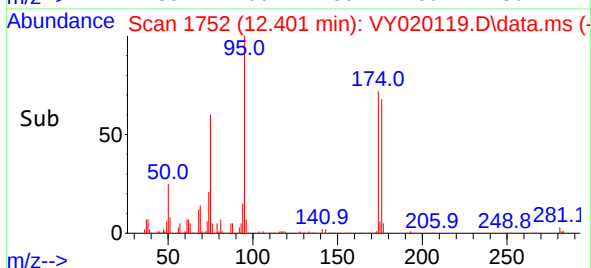
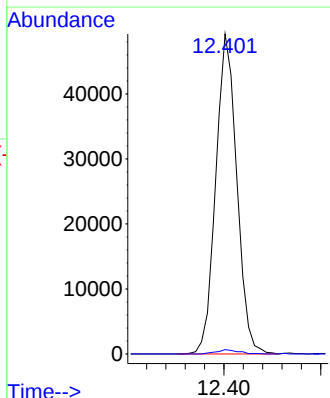
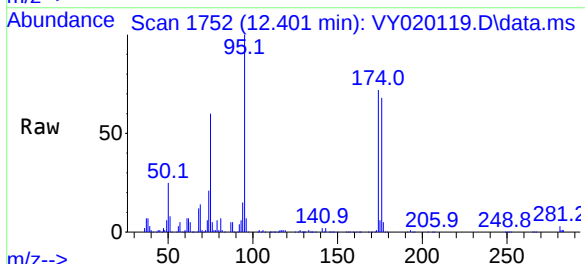
Instrument :
MSVOA_Y
ClientSampleId :

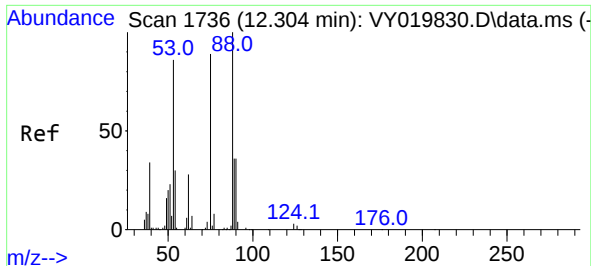
Tgt Ion:152 Resp: 115916
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 155.7 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 68.324 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 75 Resp: 74240
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

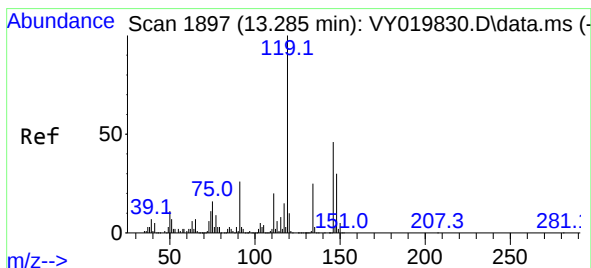
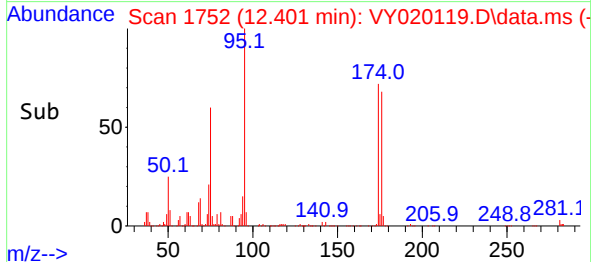
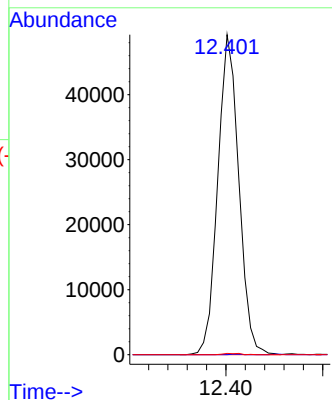
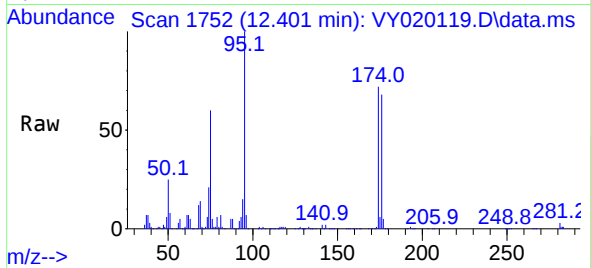




#81
trans-1,4-Dichloro-2-butene
Concen: 146.962 ug/l
RT: 12.401 min Scan# 1736
Delta R.T. 0.098 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74240
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#



#86
p-Isopropyltoluene
Concen: 1.965 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY020119.D
Acq: 01 Nov 2024 15:10

Tgt Ion: 119 Resp: 15734
Ion Ratio Lower Upper
119 100
134 28.0 13.1 39.3
91 26.3 10.7 32.1

