

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020670.D
 Acq On : 20 Dec 2024 14:57
 Operator : SY/MD
 Sample : P5316-02
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 18:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

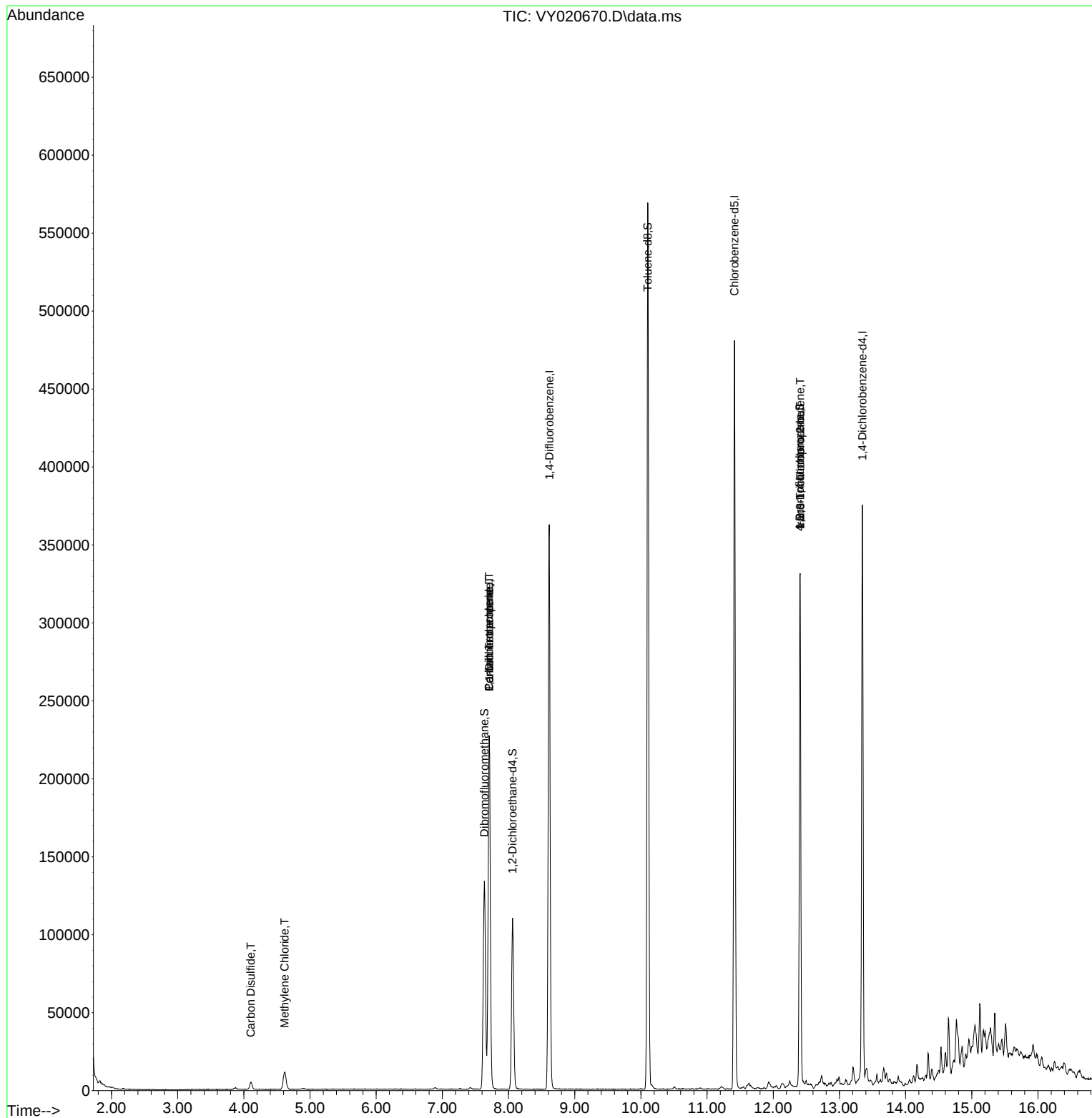
Internal Standards						
1) Pentafluorobenzene	7.707	168	174578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	306694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	92350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86368	45.172	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.340%		
35) Dibromofluoromethane	7.634	113	94772	43.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.700%		
50) Toluene-d8	10.103	98	370910	49.026	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.401	95	103716	35.046	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	70.100%		
Target Compounds						
11) Tert butyl alcohol	4.854	59	186	Below Cal	#	75
16) Acetone	3.872	43	2064	Below Cal	#	84
17) Carbon Disulfide	4.104	76	9216	1.294	ug/l	99
20) Methylene Chloride	4.616	84	8318	3.499	ug/l	93
30) Chloroform	7.414	83	1102	Below Cal		95
36) 1,1-Dichloropropene	7.707	75	13822	3.507	ug/l #	52
38) Carbon Tetrachloride	7.707	117	18187	4.171	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	55861	58.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	55861	122.225	ug/l #	12

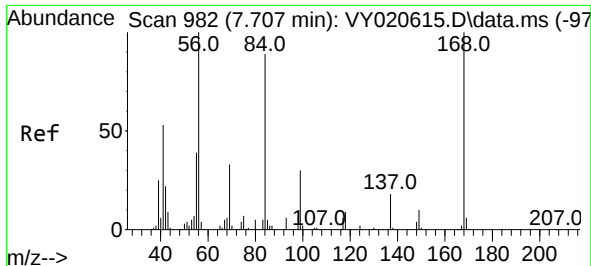
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

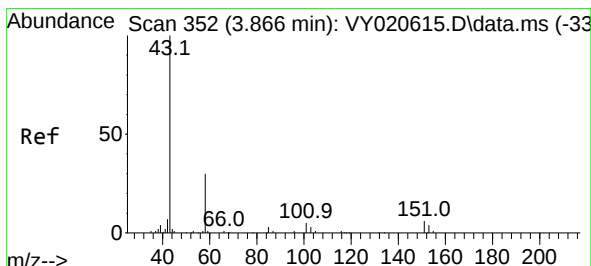
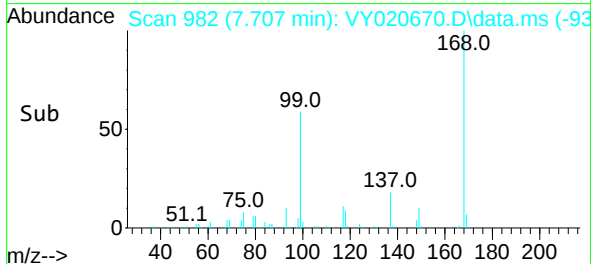
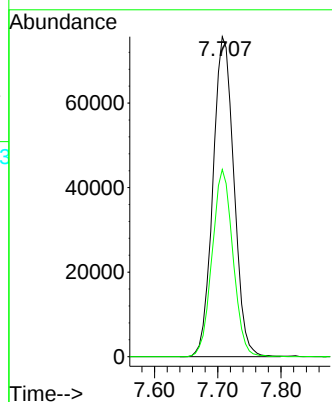
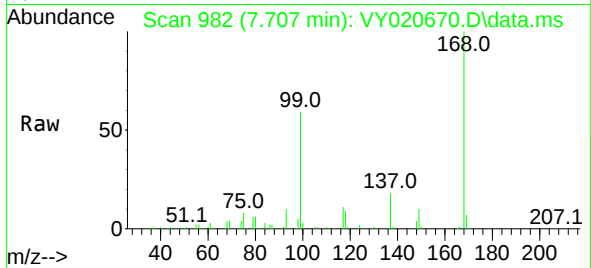




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

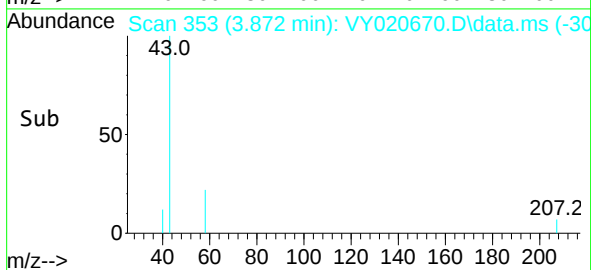
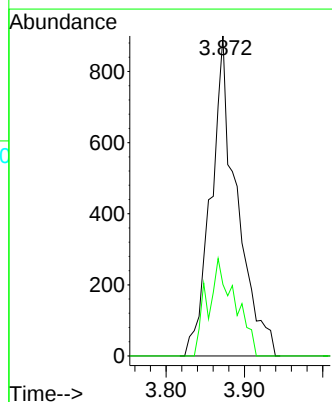
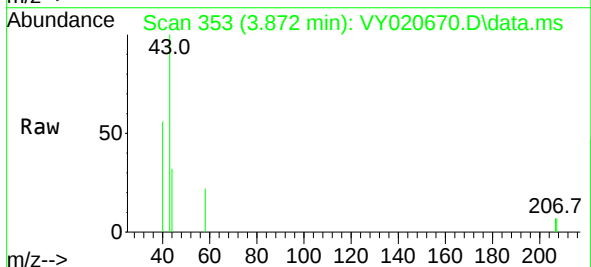
Instrument :
MSVOA_Y
ClientSampleId :

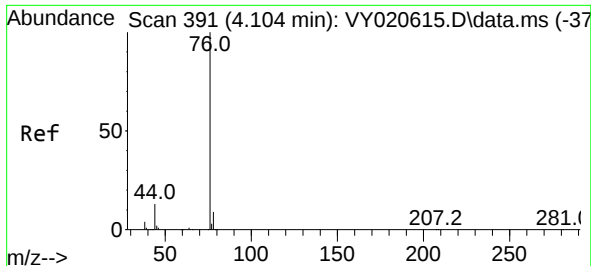
Tgt Ion:168 Resp: 174578
Ion Ratio Lower Upper
168 100
99 58.5 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 22.3 25.0 37.6#

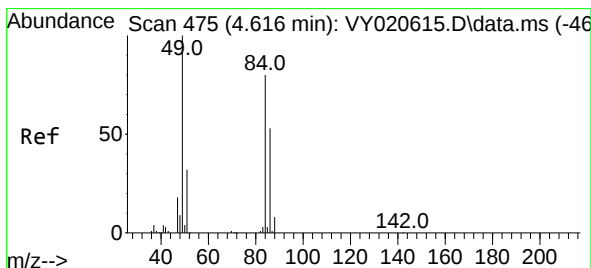
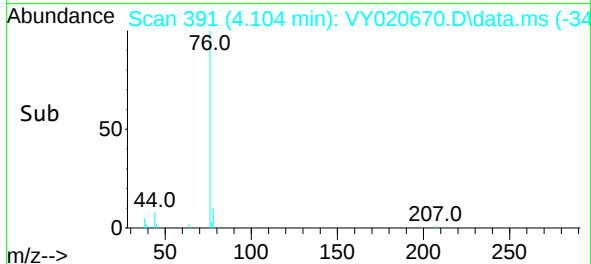
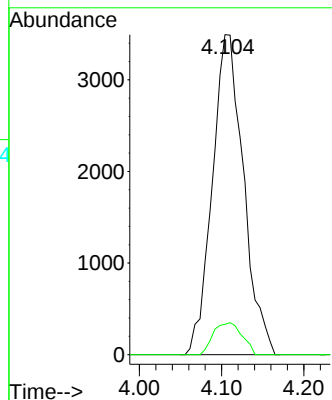
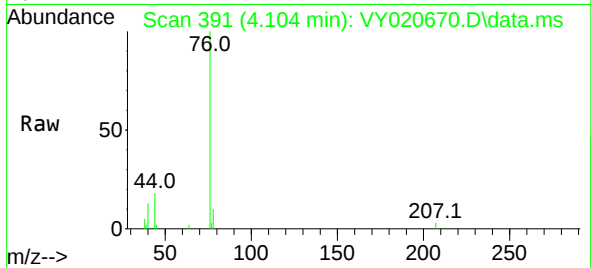




#17
Carbon Disulfide
Concen: 1.294 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

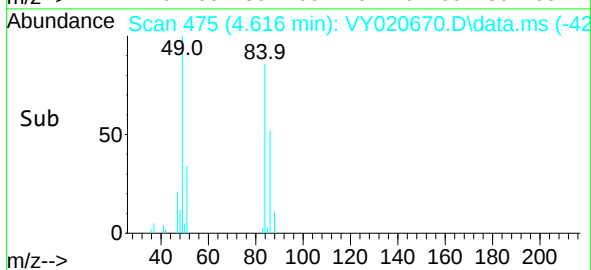
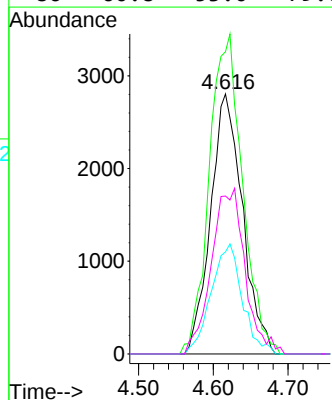
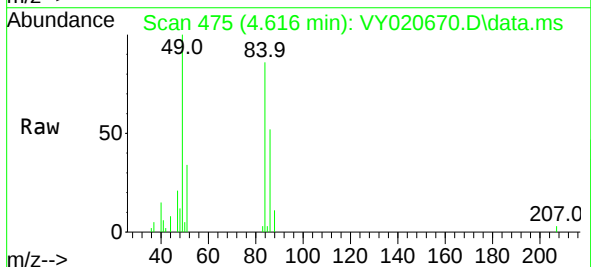
Instrument :
MSVOA_Y
ClientSampleId :

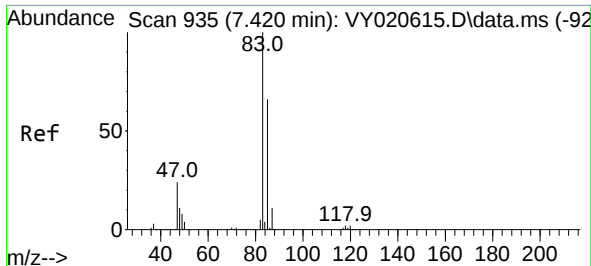
Tgt Ion: 76 Resp: 9216
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#20
Methylene Chloride
Concen: 3.499 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 84 Resp: 8318
Ion Ratio Lower Upper
84 100
49 116.3 100.7 151.1
51 39.3 32.2 48.2
86 60.8 53.0 79.6

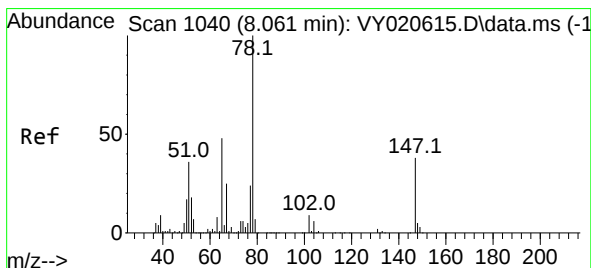
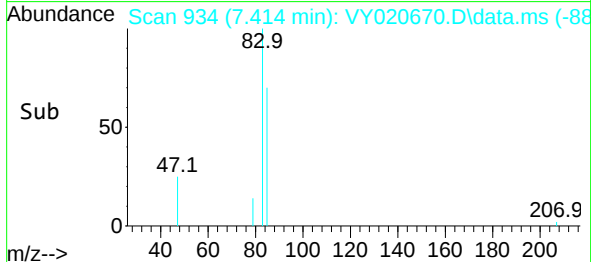
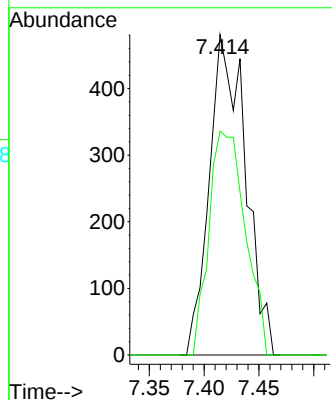
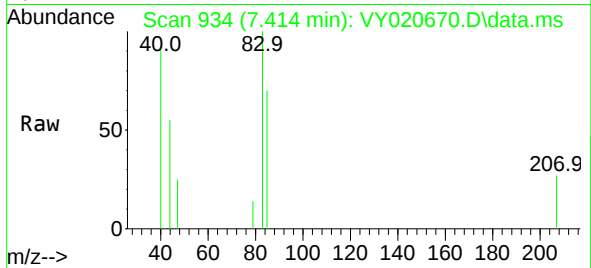




#30
Chloroform
Concen: Below Cal
RT: 7.414 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

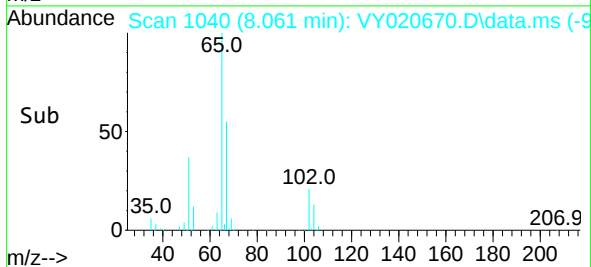
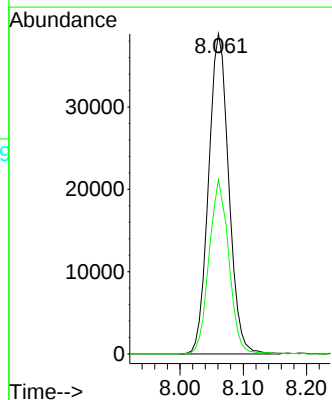
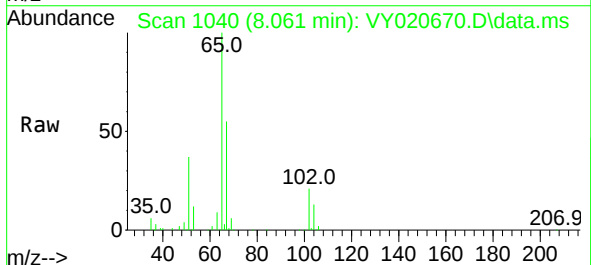
Instrument :
MSVOA_Y
ClientSampleId :

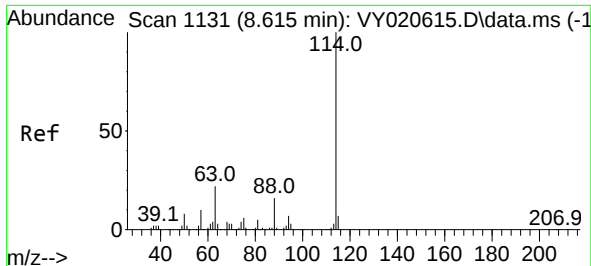
Tgt Ion: 83 Resp: 1102
Ion Ratio Lower Upper
83 100
85 69.9 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 45.172 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

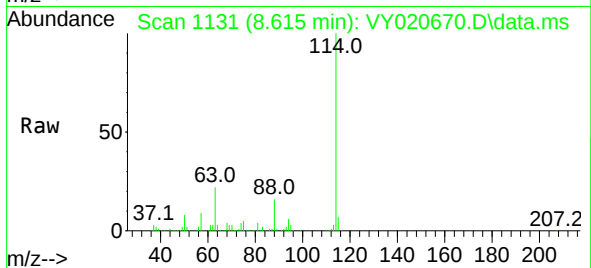
Tgt Ion: 65 Resp: 86368
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0



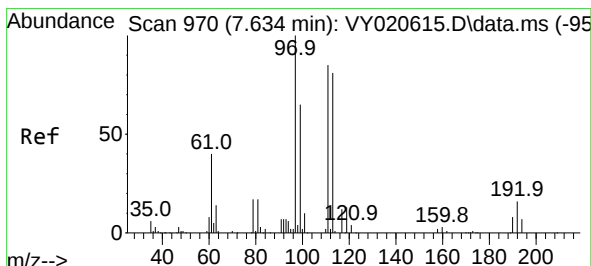
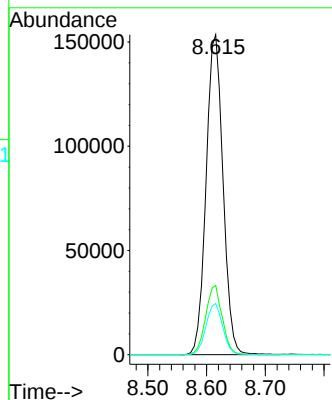
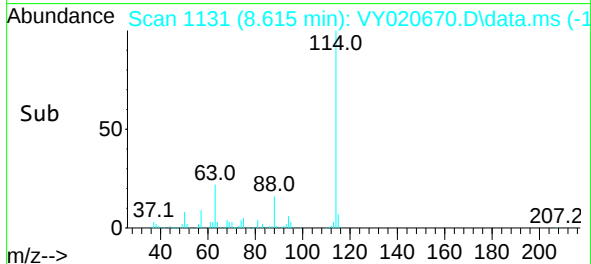


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :

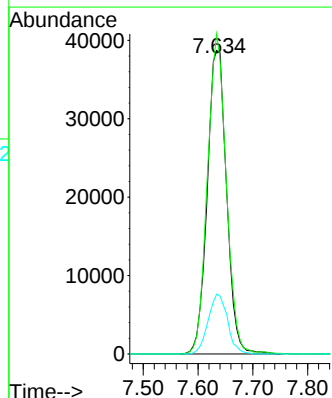
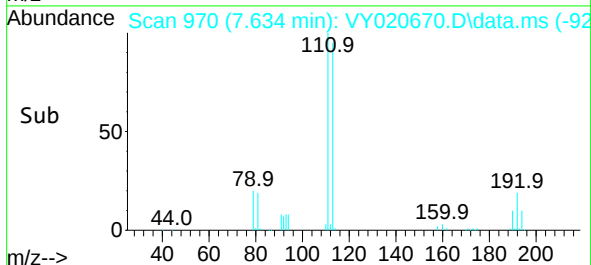
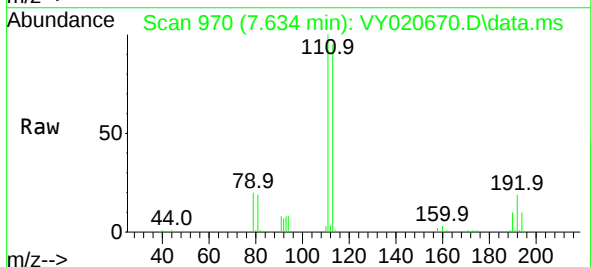


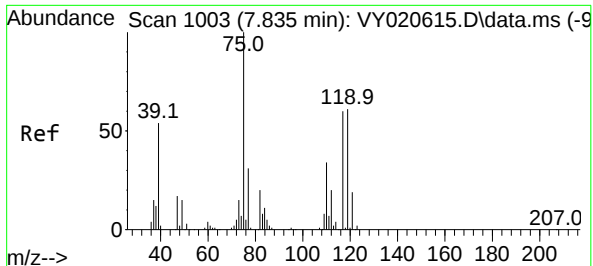
Tgt Ion:114 Resp: 306694
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 43.845 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

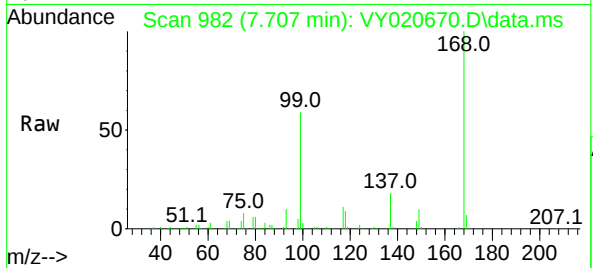
Tgt Ion:113 Resp: 94772
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.7 15.7 23.5



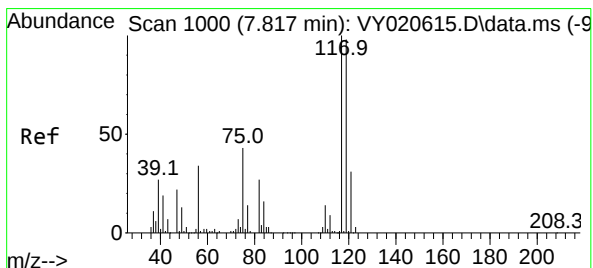
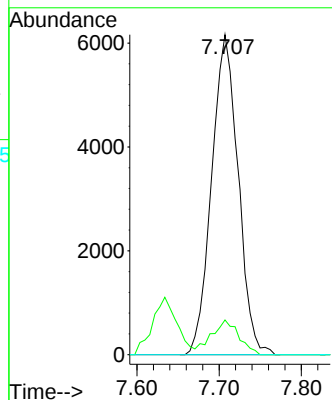
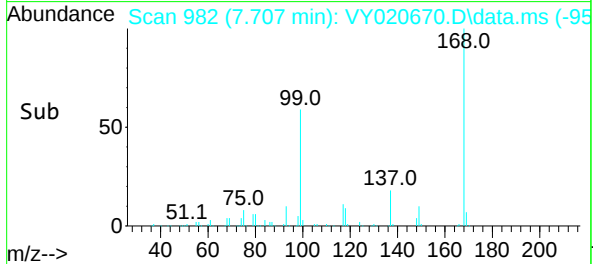


#36
1,1-Dichloropropene
Concen: 3.507 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

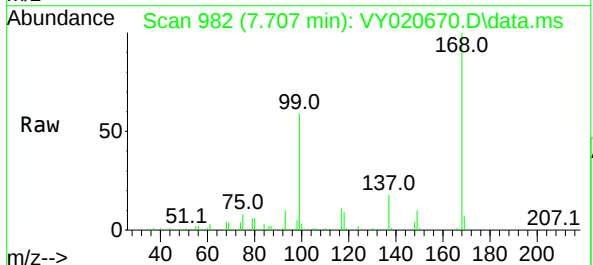
Instrument :
MSVOA_Y
ClientSampleId :



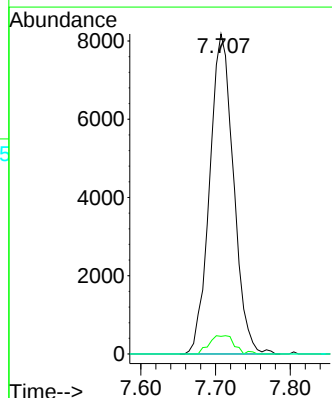
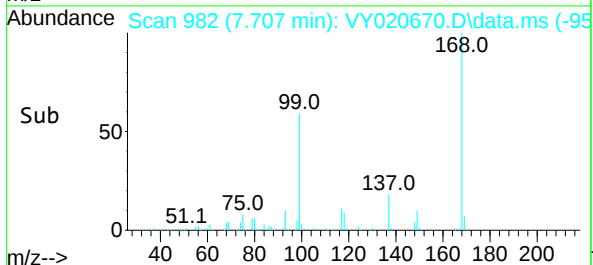
Tgt Ion: 75 Resp: 13822
Ion Ratio Lower Upper
75 100
110 11.2 16.8 50.4#
77 0.0 25.0 37.6#

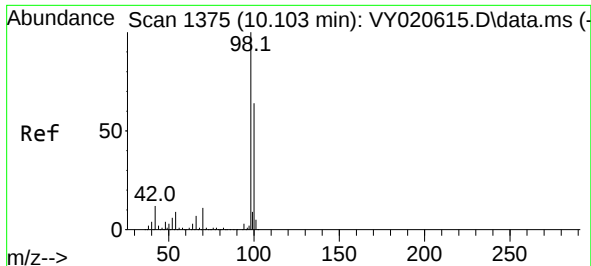


#38
Carbon Tetrachloride
Concen: 4.171 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57



Tgt Ion: 117 Resp: 18187
Ion Ratio Lower Upper
117 100
119 5.5 78.3 117.5#
121 0.0 25.1 37.7#

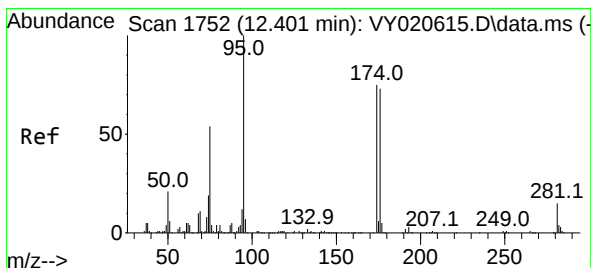
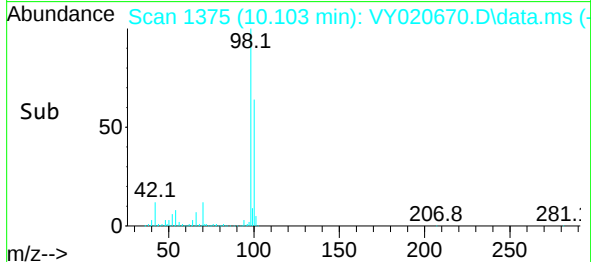
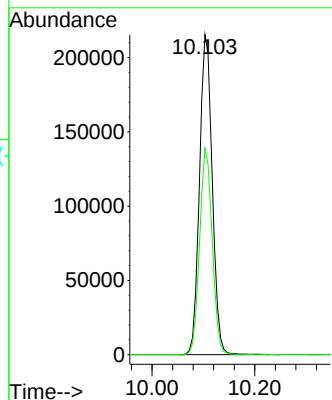
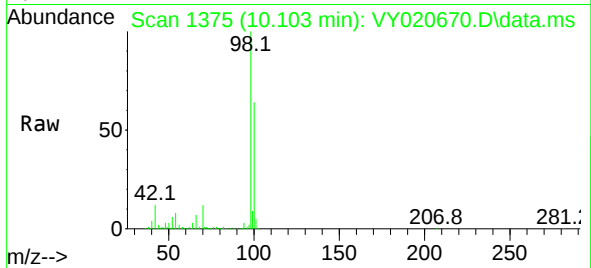




#50
Toluene-d8
Concen: 49.026 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

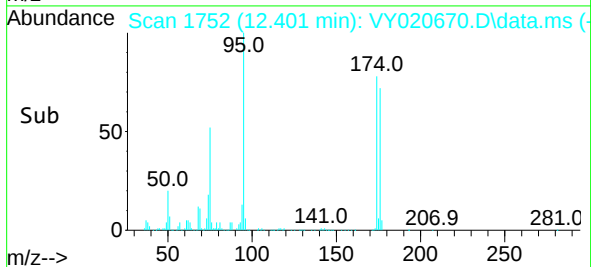
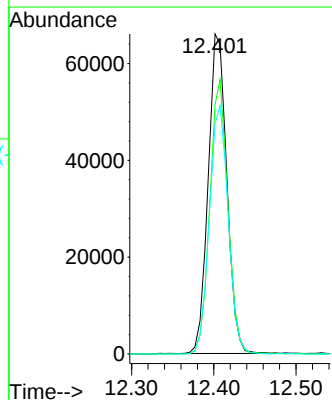
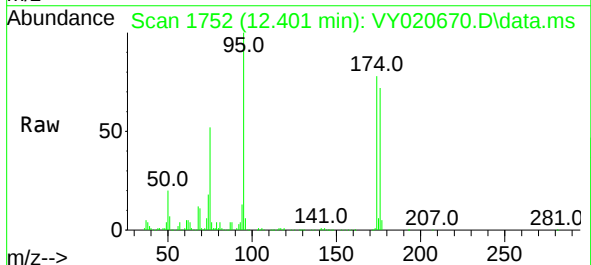
Instrument :
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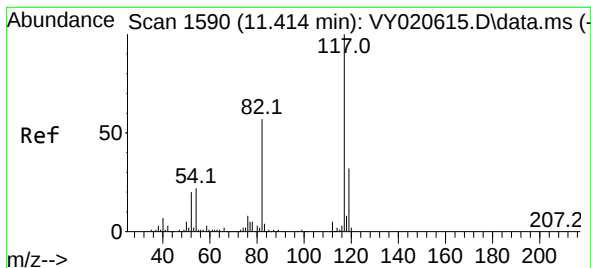
Tgt Ion: 98 Resp: 370910
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 35.046 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 95 Resp: 103716
Ion Ratio Lower Upper
95 100
174 83.5 0.0 161.8
176 78.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

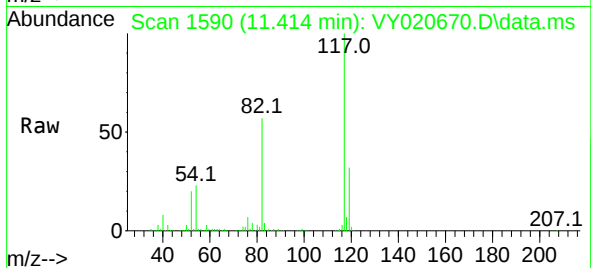
Lab File: VY020670.D

Acq: 20 Dec 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :



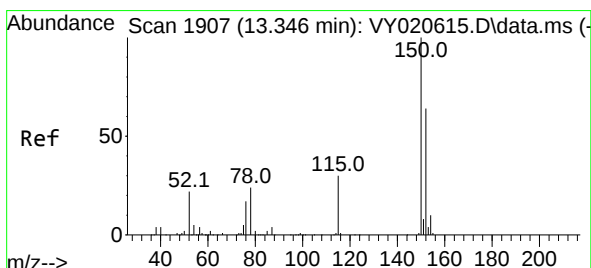
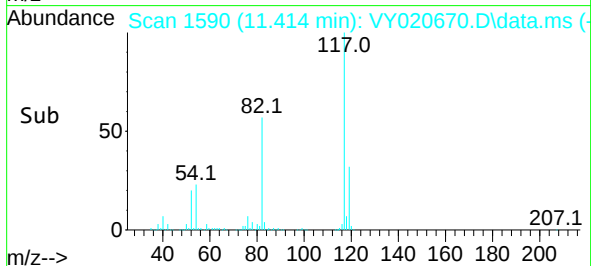
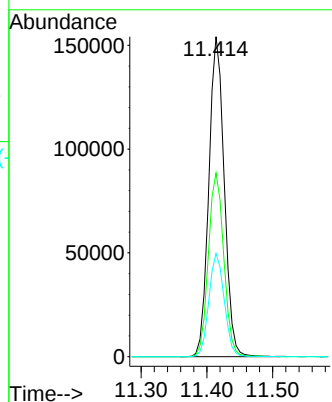
Tgt Ion:117 Resp: 251459

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

119 32.3 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020670.D

Acq: 20 Dec 2024 14:57

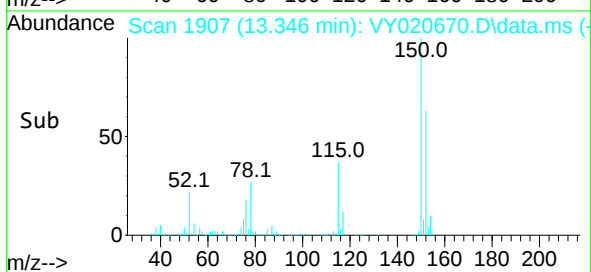
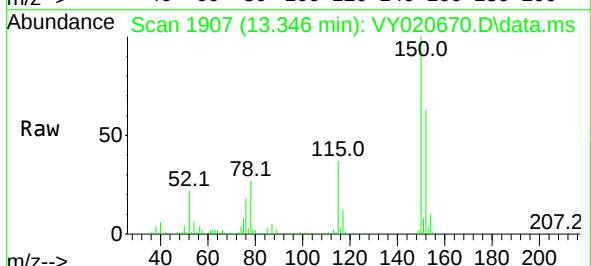
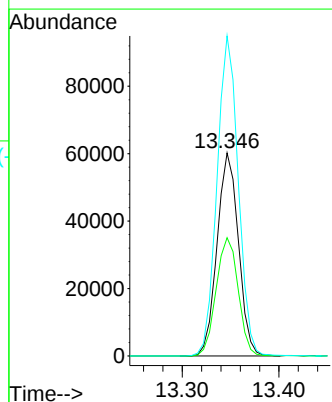
Tgt Ion:152 Resp: 92350

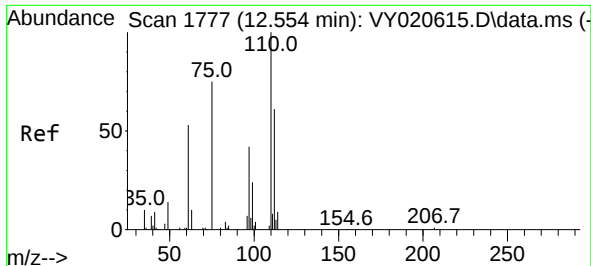
Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 156.7 0.0 355.4

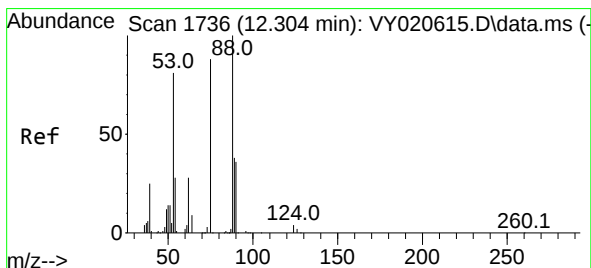
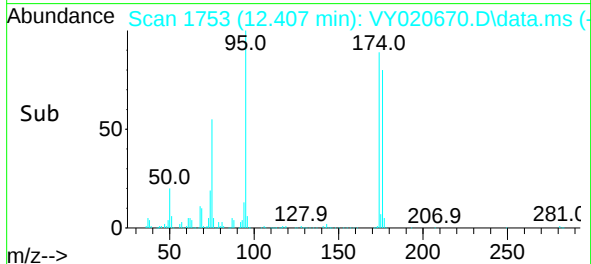
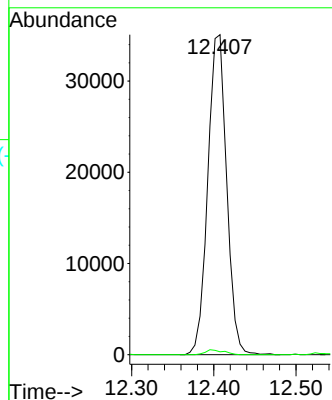
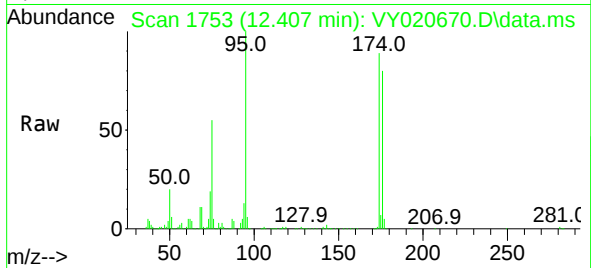




#76
1,2,3-Trichloropropane
Concen: 58.229 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55861
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.225 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020670.D
Acq: 20 Dec 2024 14:57

Tgt Ion: 75 Resp: 55861
Ion Ratio Lower Upper
75 100
53 0.3 75.4 113.2#
89 0.0 37.0 55.4#

