

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020677.D
 Acq On : 20 Dec 2024 17:39
 Operator : SY/MD
 Sample : P5306-03
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 22:02:52 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)

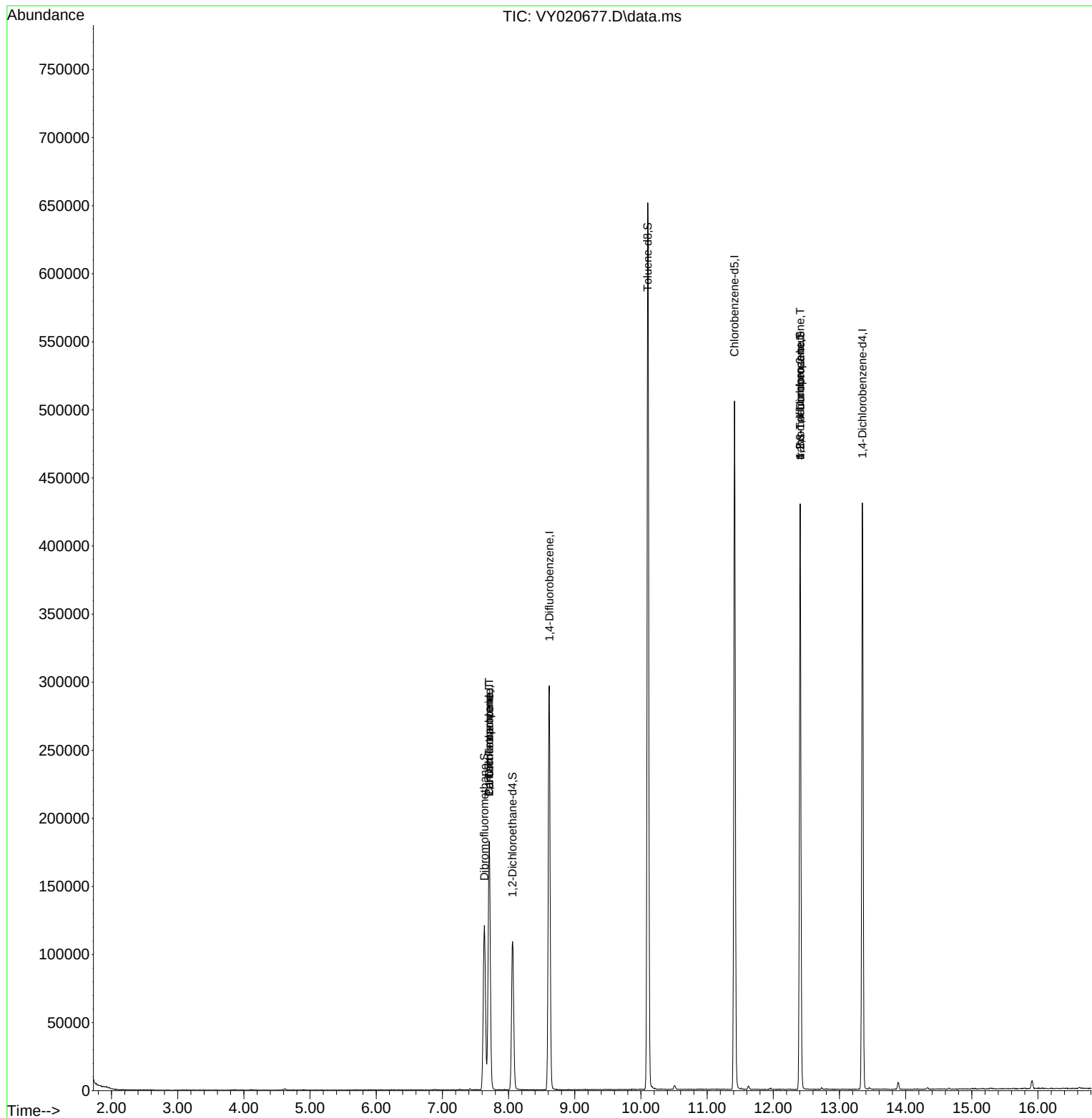
Internal Standards						
1) Pentafluorobenzene	7.707	168	141675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	253999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	105748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	92900	59.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.740%	
35) Dibromofluoromethane	7.634	113	84865	47.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.820%	
50) Toluene-d8	10.103	98	423196	67.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 135.080%#	
62) 4-Bromofluorobenzene	12.407	95	128660	52.494	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	585	Below Cal	#	43
30) Chloroform	7.420	83	767	Below Cal		96
36) 1,1-Dichloropropene	7.707	75	11058	3.388	ug/l #	51
38) Carbon Tetrachloride	7.707	117	14156	3.920	ug/l #	14
76) 1,2,3-Trichloropropane	12.407	75	69714	63.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	69714	133.209	ug/l #	12

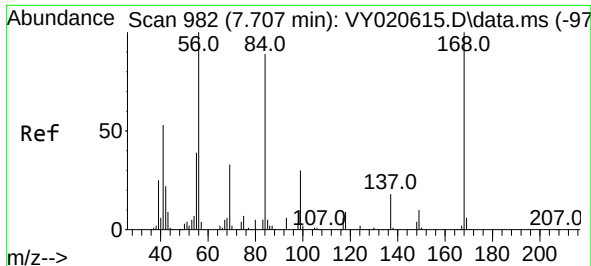
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

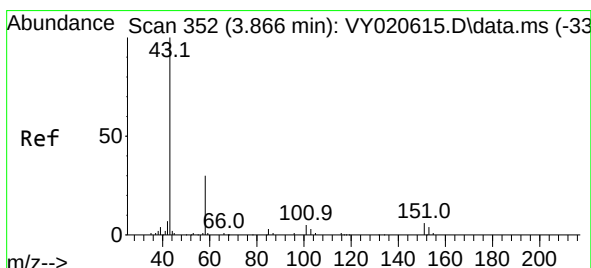
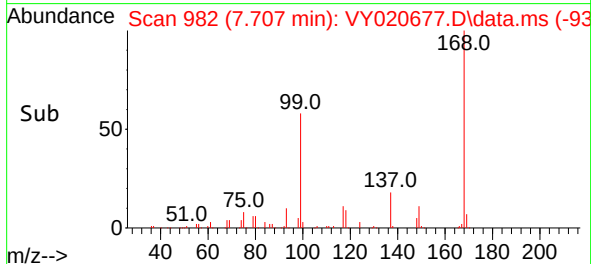
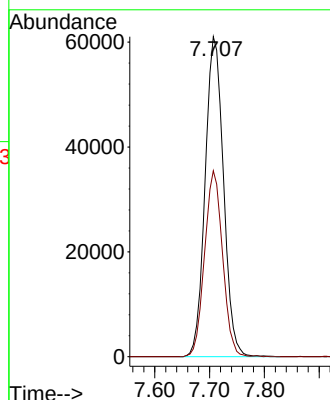
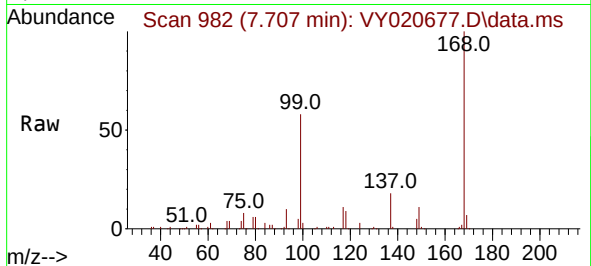




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

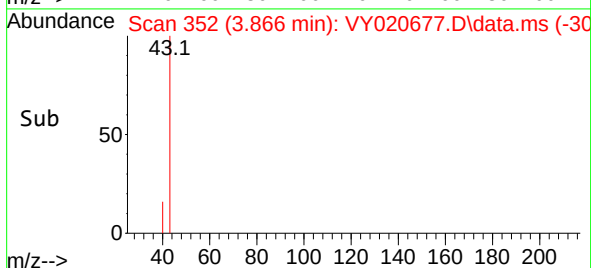
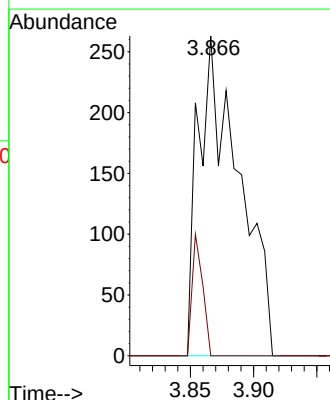
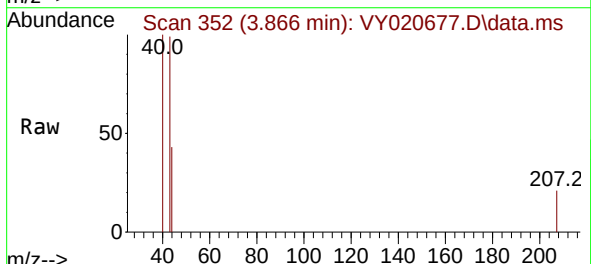
Instrument :
MSVOA_Y
ClientSampleId :

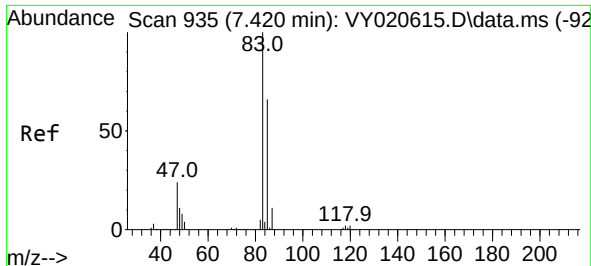
Tgt Ion:168 Resp: 141675
Ion Ratio Lower Upper
168 100
99 58.1 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#

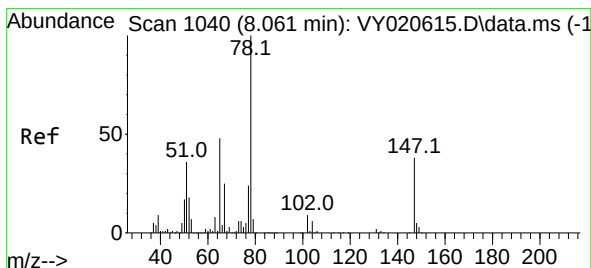
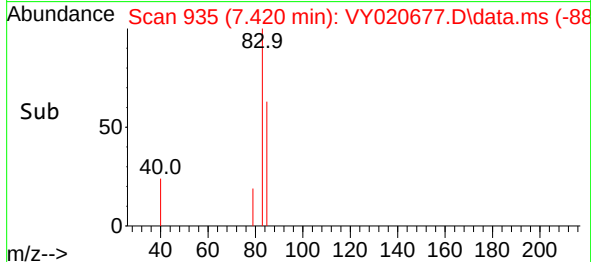
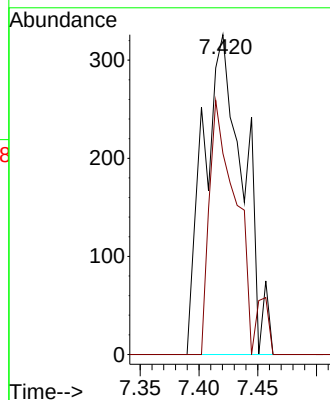
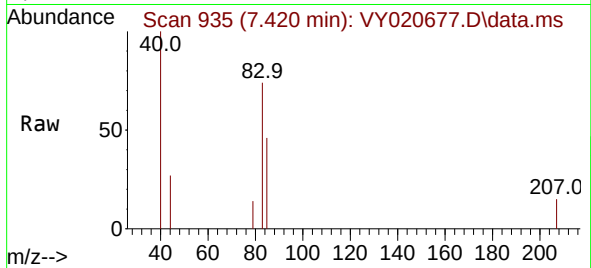




#30
Chloroform
Concen: Below Cal
RT: 7.420 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

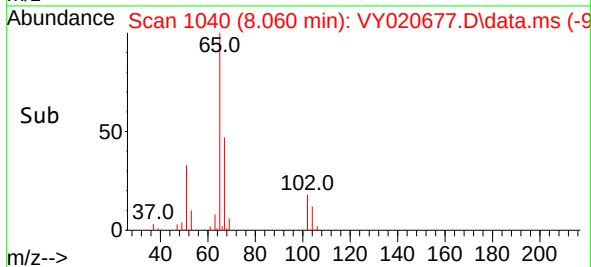
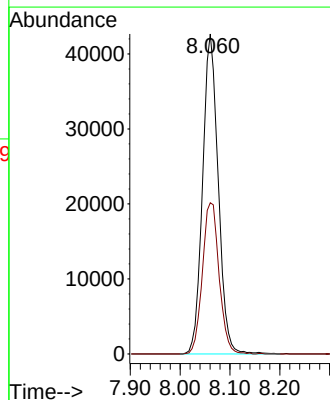
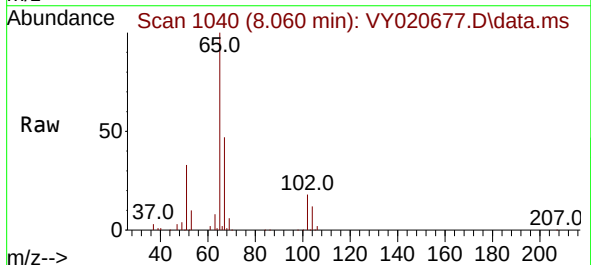
Instrument :
MSVOA_Y
ClientSampleId :

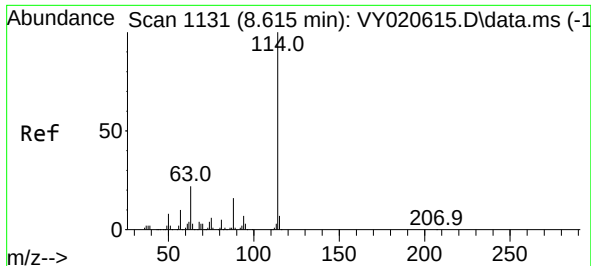
Tgt Ion: 83 Resp: 767
Ion Ratio Lower Upper
83 100
85 62.9 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 59.872 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Tgt Ion: 65 Resp: 92900
Ion Ratio Lower Upper
65 100
67 50.3 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: VY020677.D

Acq: 20 Dec 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

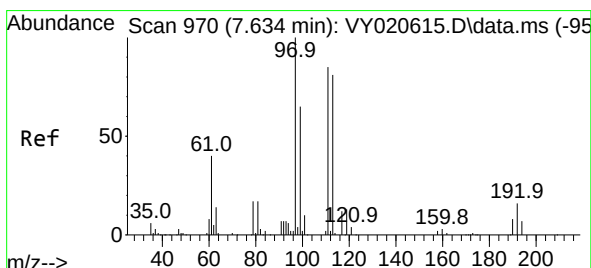
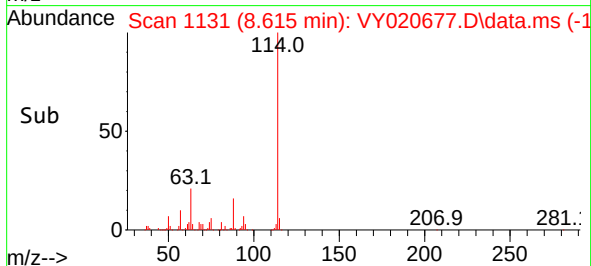
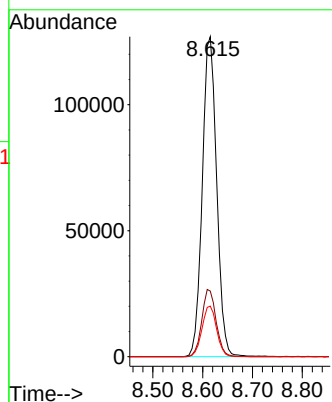
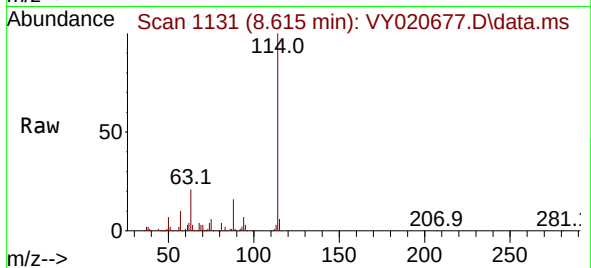
Tgt Ion:114 Resp: 253999

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.407 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020677.D

Acq: 20 Dec 2024 17:39

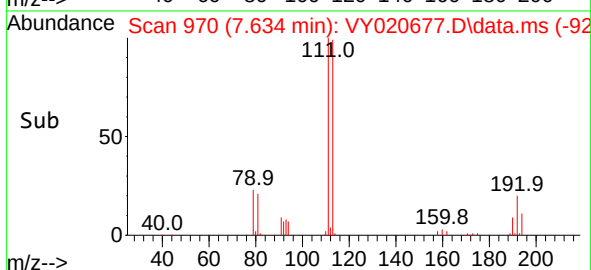
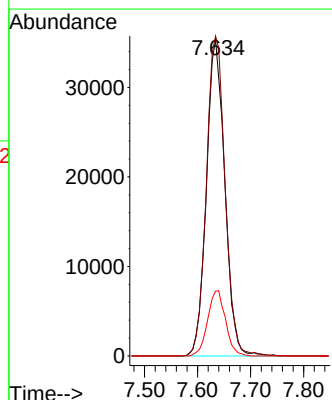
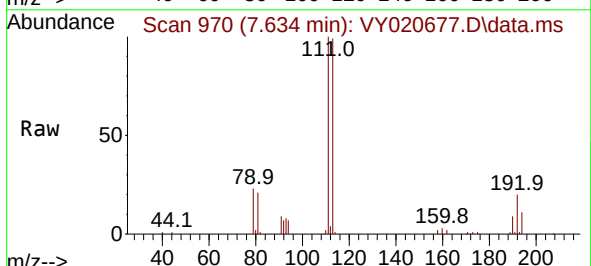
Tgt Ion:113 Resp: 84865

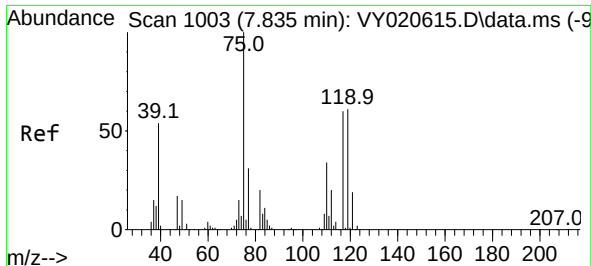
Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

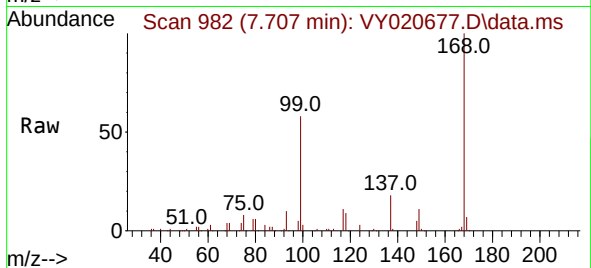
192 20.1 15.7 23.5



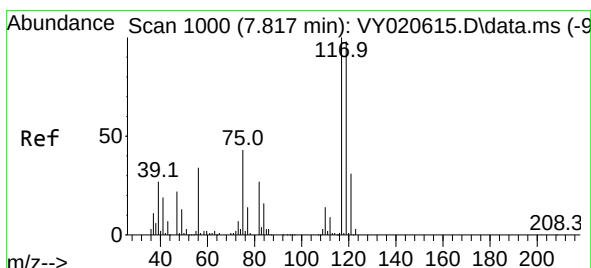
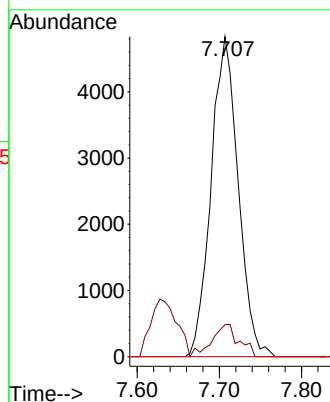
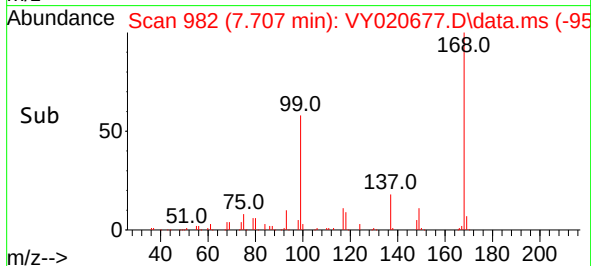


#36
1,1-Dichloropropene
Concen: 3.388 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Instrument :
MSVOA_Y
ClientSampleId :

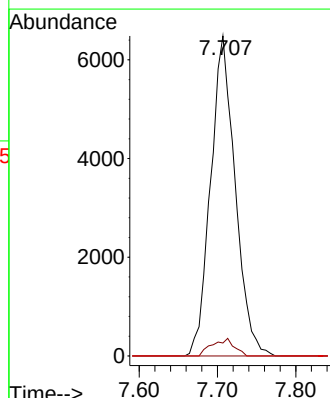
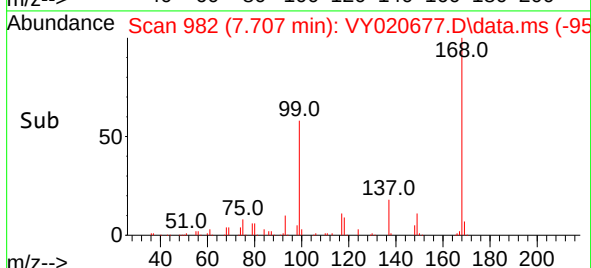
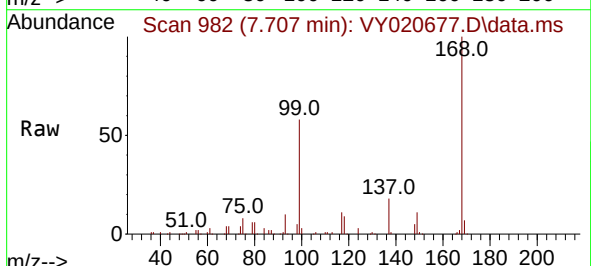


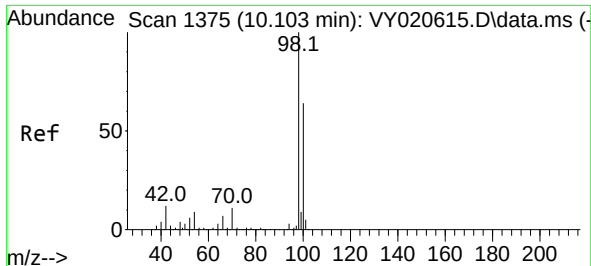
Tgt Ion: 75 Resp: 11058
Ion Ratio Lower Upper
75 100
110 9.3 16.8 50.4#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 3.920 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Tgt Ion: 117 Resp: 14156
Ion Ratio Lower Upper
117 100
119 4.1 78.3 117.5#
121 0.0 25.1 37.7#

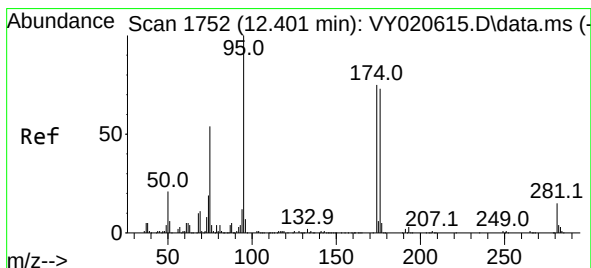
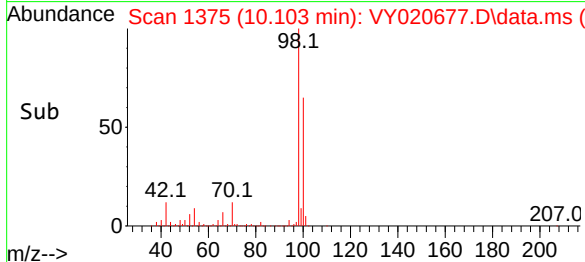
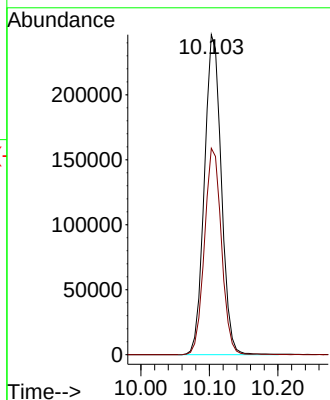
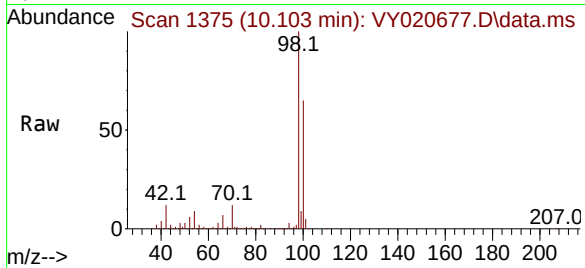




#50
Toluene-d8
Concen: 67.542 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

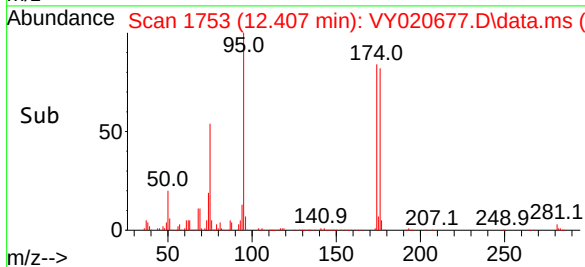
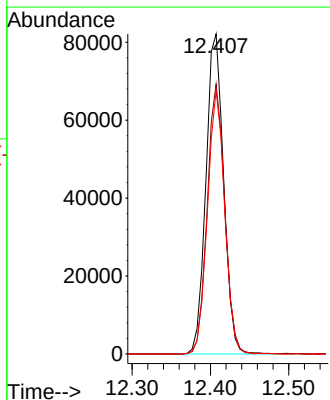
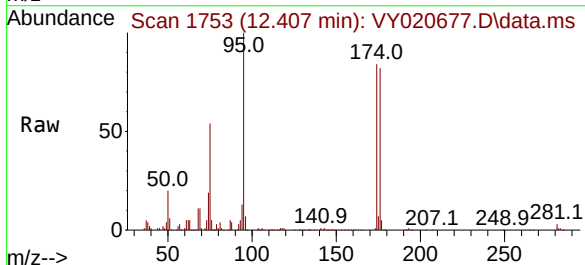
Instrument :
MSVOA_Y
ClientSampleId :

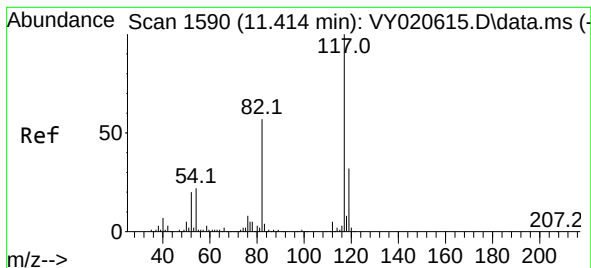
Tgt Ion: 98 Resp: 423196
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.494 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Tgt Ion: 95 Resp: 128660
Ion Ratio Lower Upper
95 100
174 83.6 0.0 161.8
176 80.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

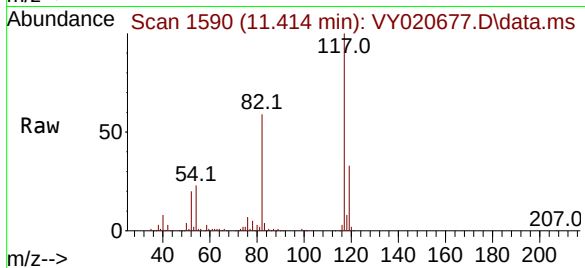
Lab File: VY020677.D

Acq: 20 Dec 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :



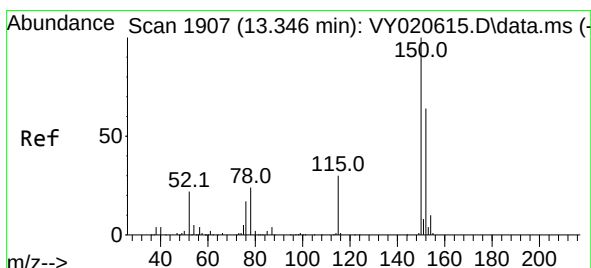
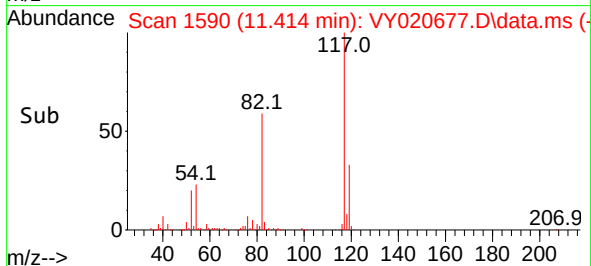
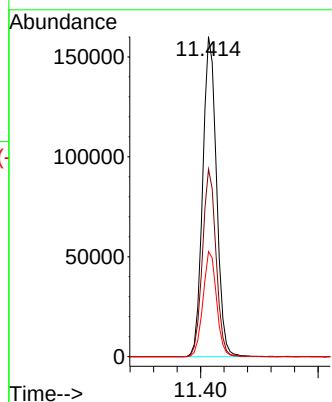
Tgt Ion:117 Resp: 260739

Ion Ratio Lower Upper

117 100

82 58.6 45.8 68.6

119 32.9 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: VY020677.D

Acq: 20 Dec 2024 17:39

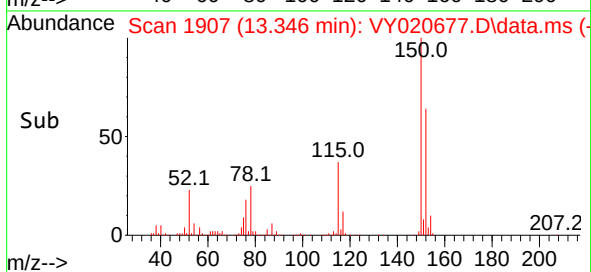
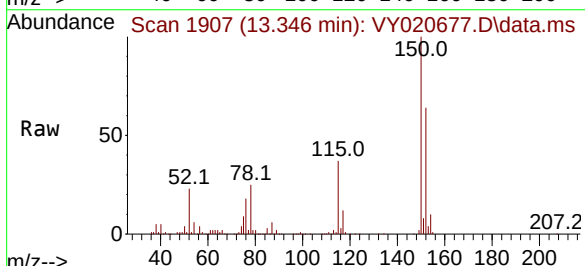
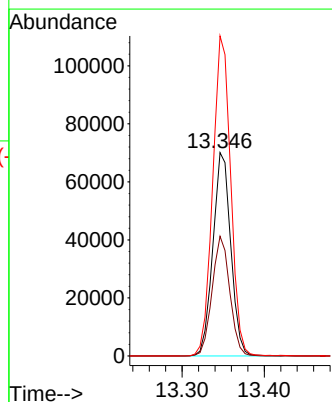
Tgt Ion:152 Resp: 105748

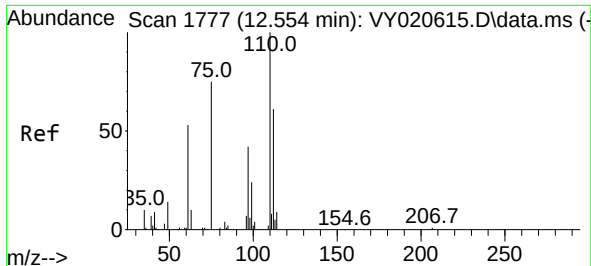
Ion Ratio Lower Upper

152 100

115 58.1 30.2 90.6

150 158.1 0.0 355.4

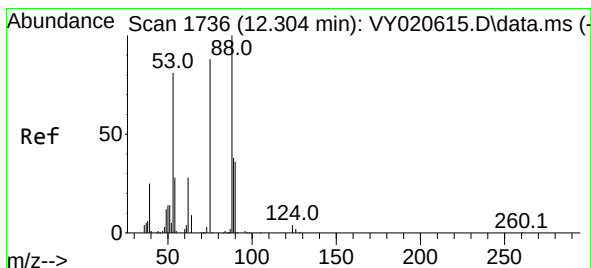
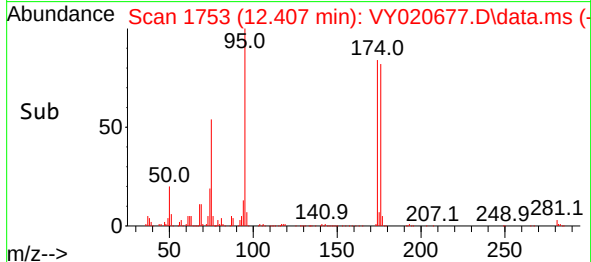
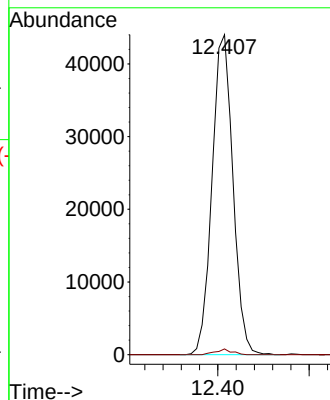
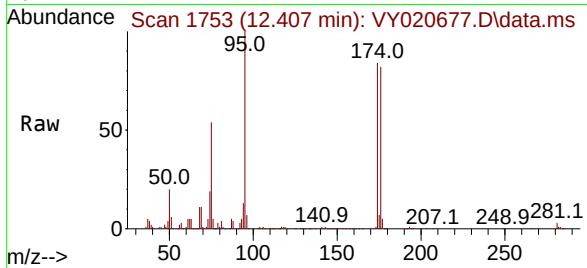




#76
1,2,3-Trichloropropane
Concen: 63.462 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69714
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.209 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020677.D
Acq: 20 Dec 2024 17:39

Tgt Ion: 75 Resp: 69714
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

