

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020850.D
 Acq On : 17 Jan 2025 13:13
 Operator : SY/MD
 Sample : Q1110-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:24:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

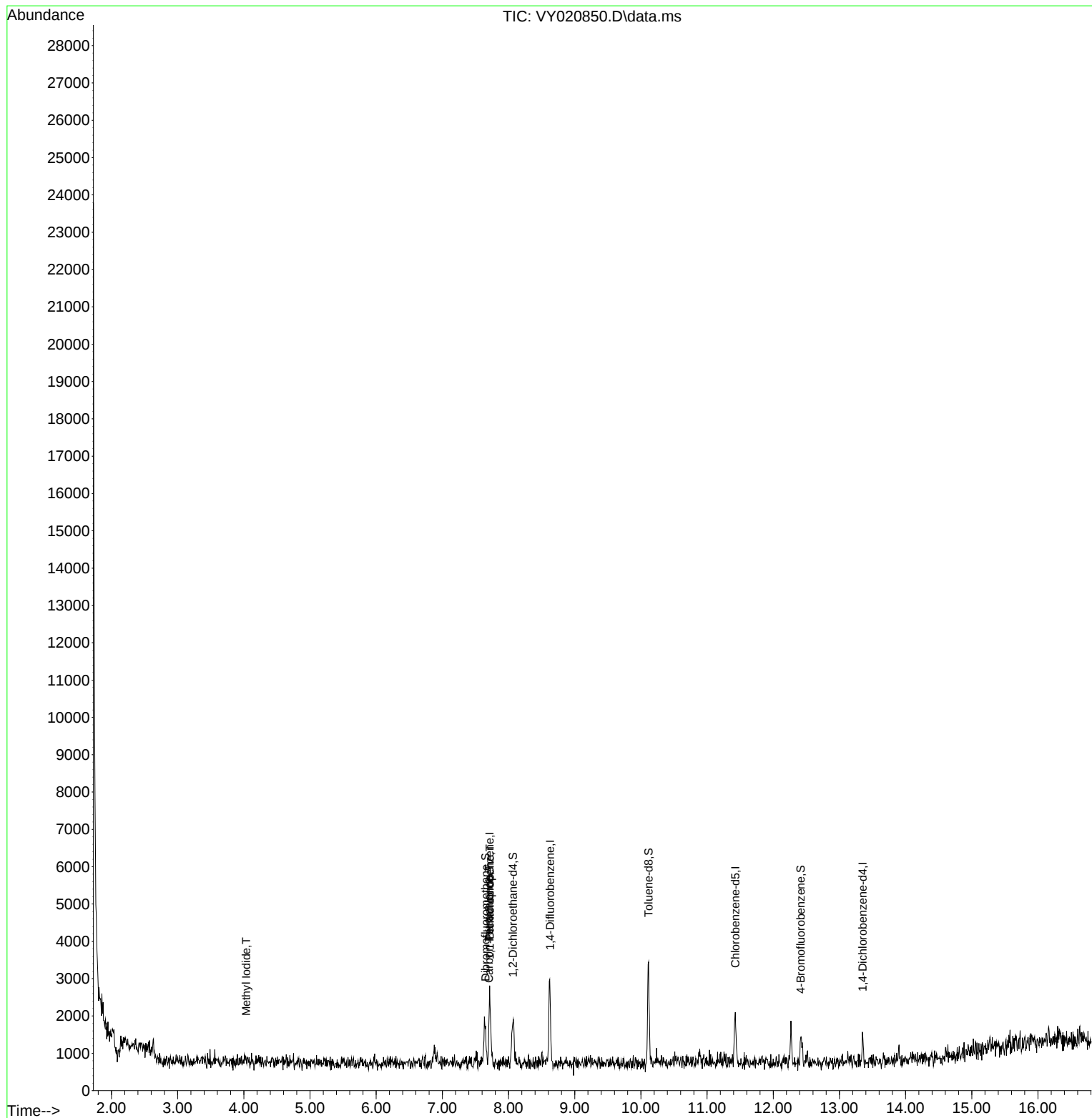
Internal Standards						
1) Pentafluorobenzene	7.713	168	1960	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	2540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1056	63.388	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.780%		
35) Dibromofluoromethane	7.652	113	1170	73.525	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 147.060%#		
50) Toluene-d8	10.115	98	2235	40.290	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 80.580%		
62) 4-Bromofluorobenzene	12.414	95	209	10.203	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 20.400%#		
Target Compounds						
						Qvalue
10) Methyl Iodide	4.037	142	272	14.545	ug/l	# 35
36) 1,1-Dichloropropene	7.720	75	45	2.217	ug/l	# 40
38) Carbon Tetrachloride	7.701	117	68	2.407	ug/l	# 12

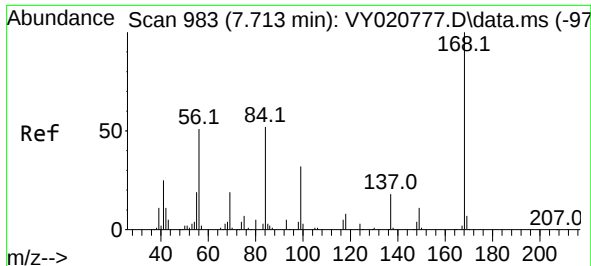
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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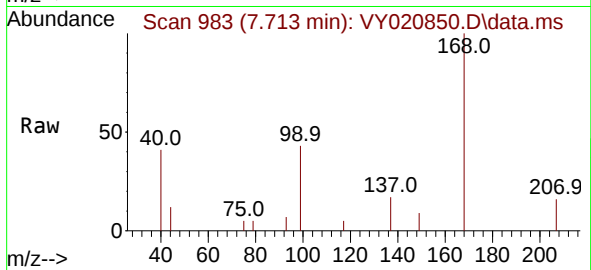
Quant Time: Jan 17 23:24:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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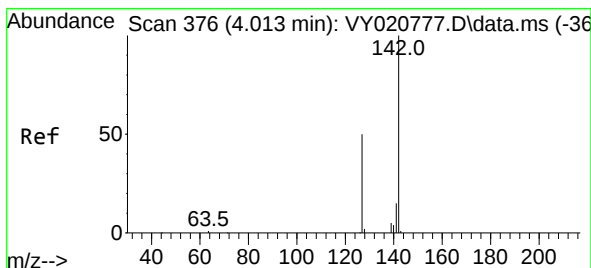
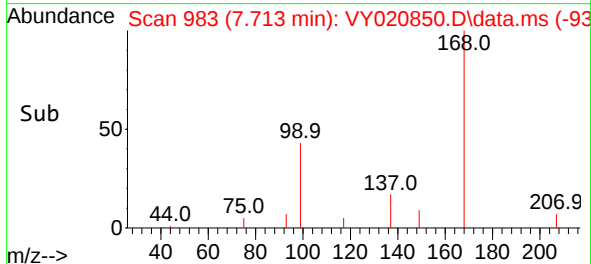
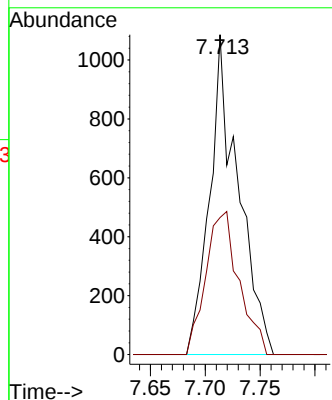


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :

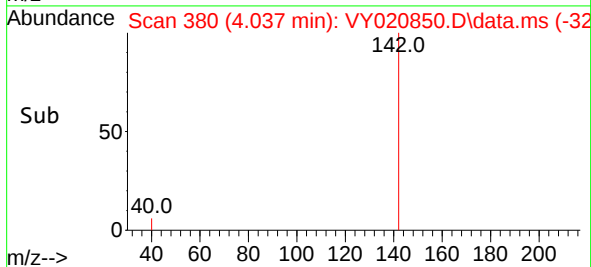
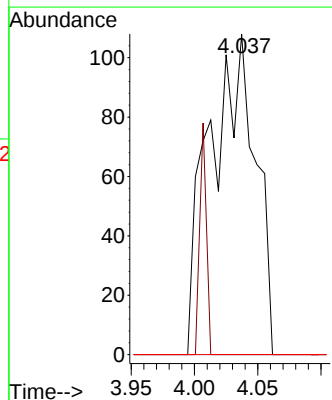
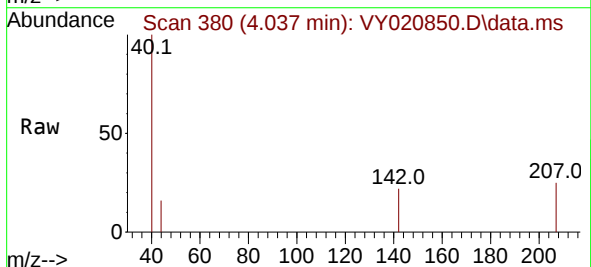


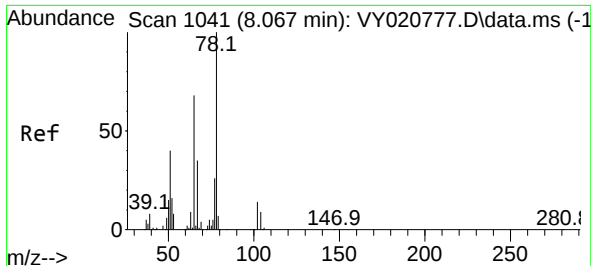
Tgt Ion:168 Resp: 1960
Ion Ratio Lower Upper
168 100
99 42.8 44.3 66.5#



#10
Methyl Iodide
Concen: 14.545 ug/l
RT: 4.037 min Scan# 380
Delta R.T. 0.024 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Tgt Ion:142 Resp: 272
Ion Ratio Lower Upper
142 100
127 0.0 41.0 61.6#
141 0.0 11.6 17.4#





#33

1,2-Dichloroethane-d4

Concen: 63.388 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

Instrument :

MSVOA_Y

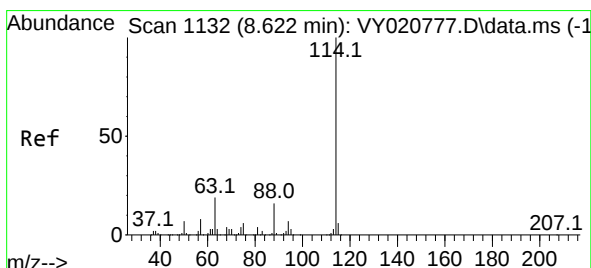
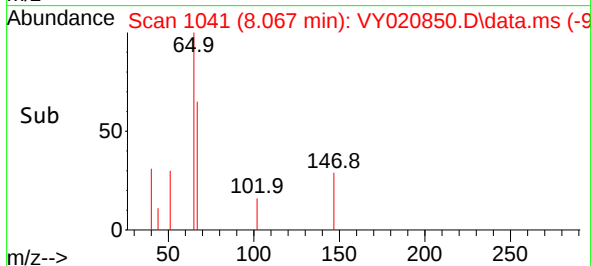
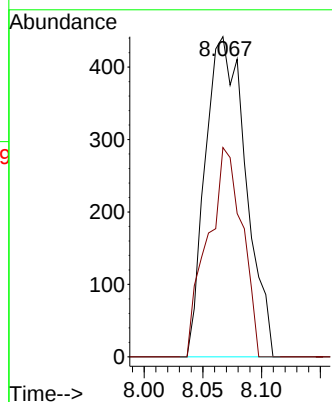
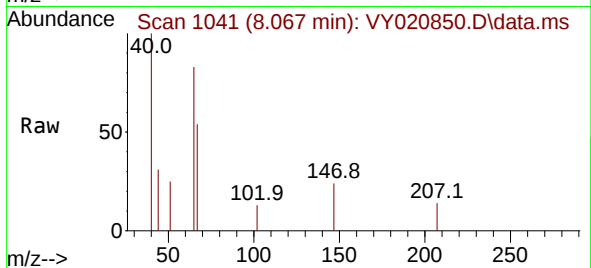
ClientSampleId :

Tgt Ion: 65 Resp: 1056

Ion Ratio Lower Upper

65 100

67 56.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

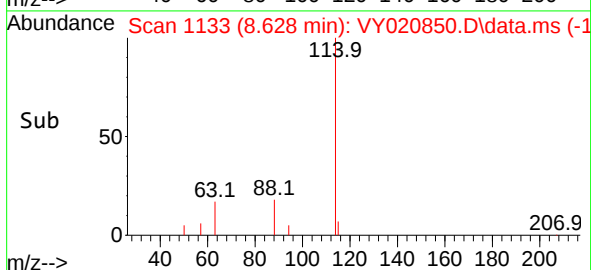
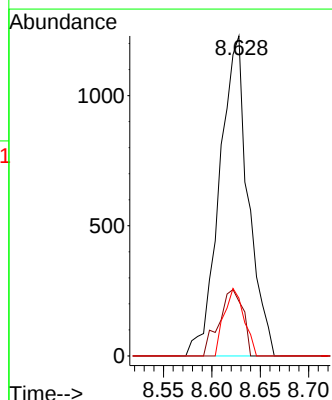
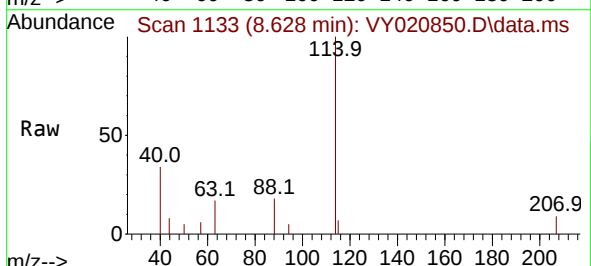
Tgt Ion: 114 Resp: 2540

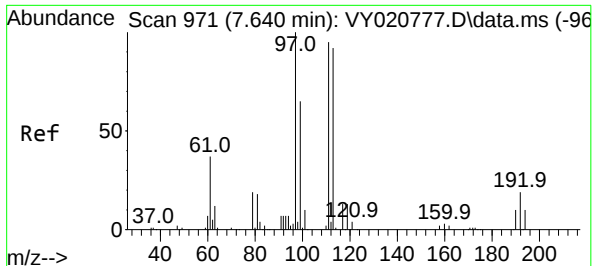
Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.4

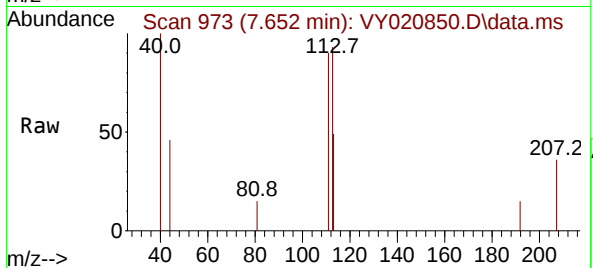
88 18.1 0.0 31.2



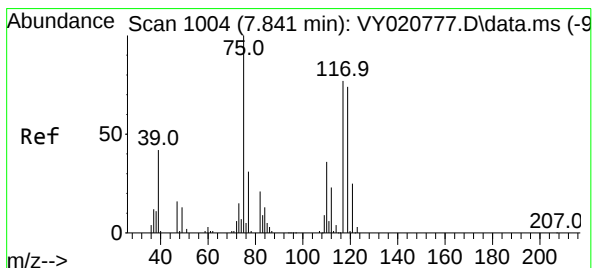
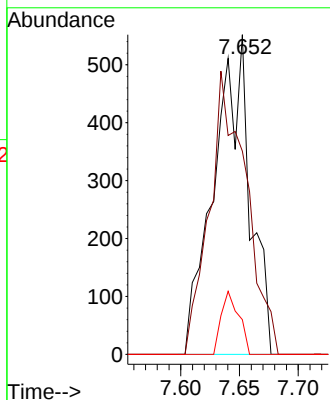
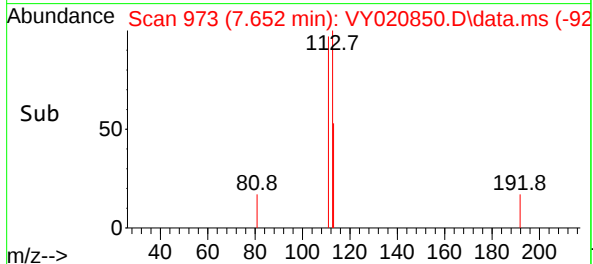


#35
Dibromofluoromethane
Concen: 73.525 ug/l
RT: 7.652 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :

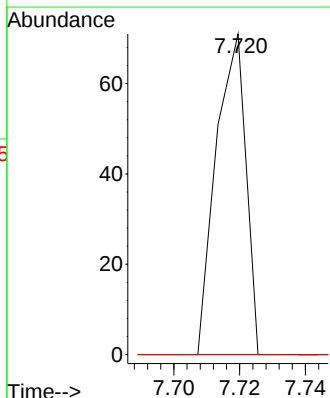
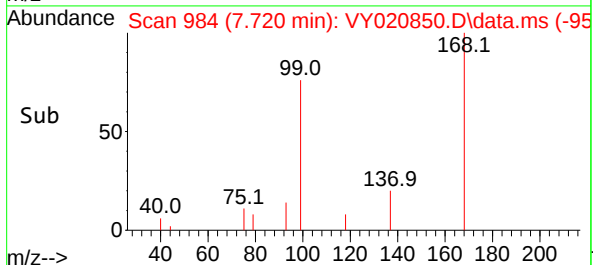
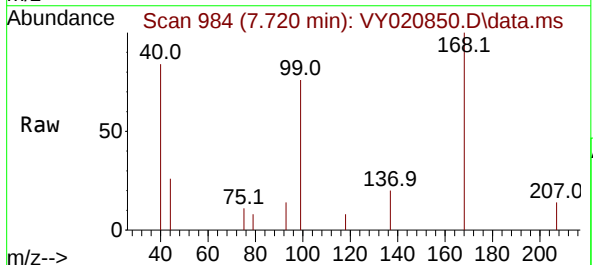


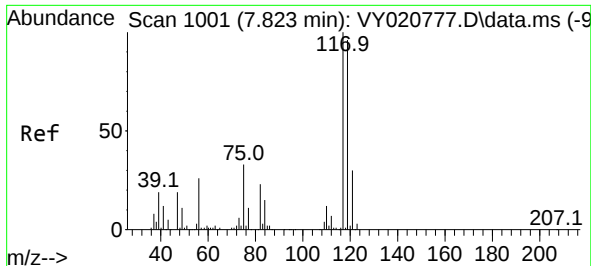
Tgt Ion:113 Resp: 1170
Ion Ratio Lower Upper
113 100
111 90.6 81.7 122.5
192 9.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 2.217 ug/l
RT: 7.720 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

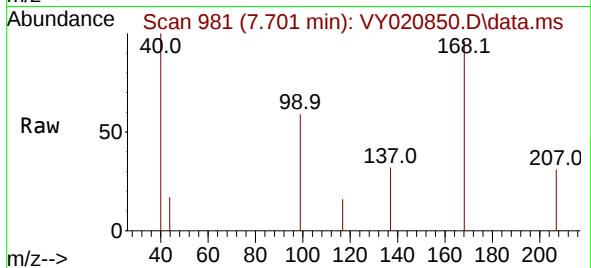
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
110 0.0 18.5 55.5#
77 0.0 25.0 37.4#



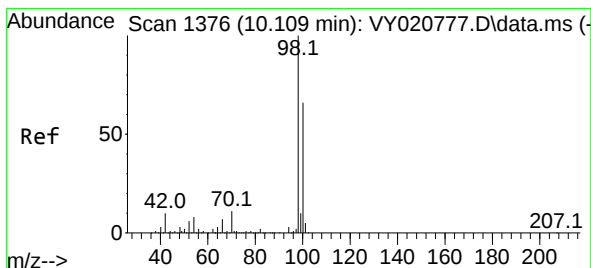
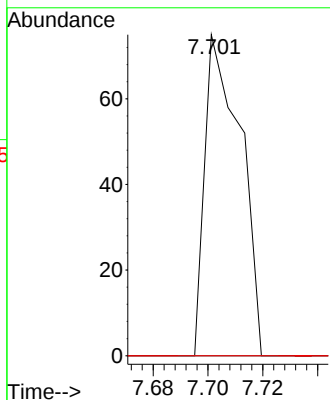
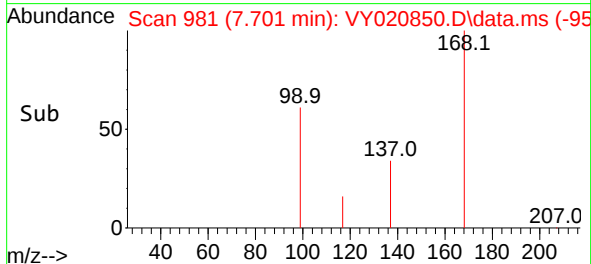


#38
Carbon Tetrachloride
Concen: 2.407 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :

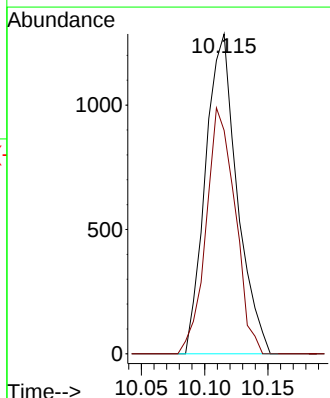
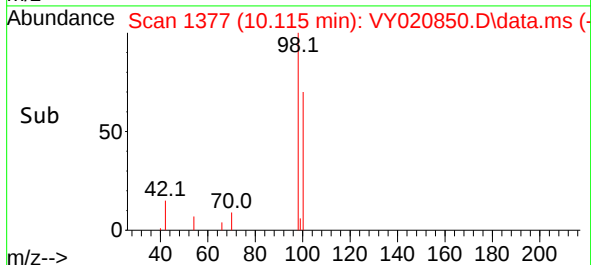
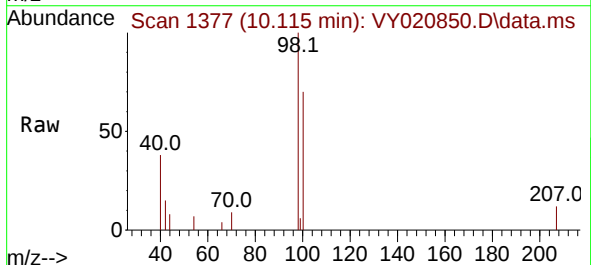


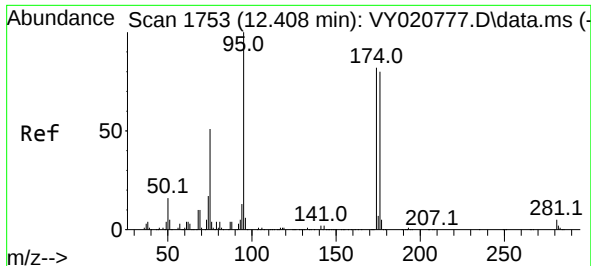
Tgt Ion:117 Resp: 68
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 40.290 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Tgt Ion: 98 Resp: 2235
Ion Ratio Lower Upper
98 100
100 70.7 52.5 78.7

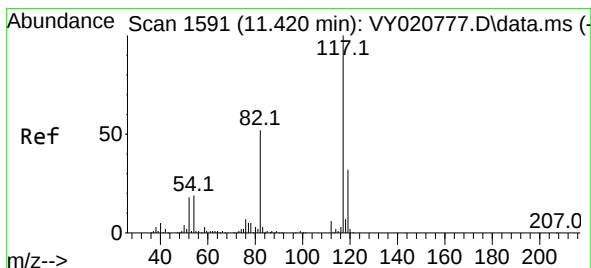
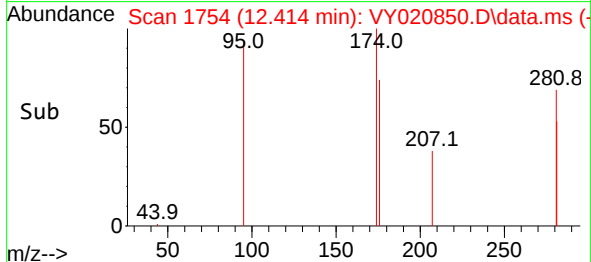
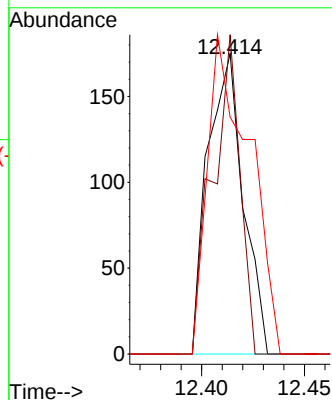
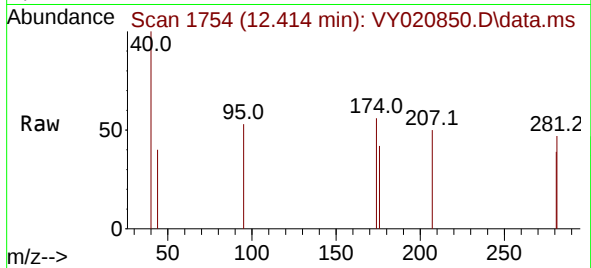




#62
4-Bromofluorobenzene
Concen: 10.203 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

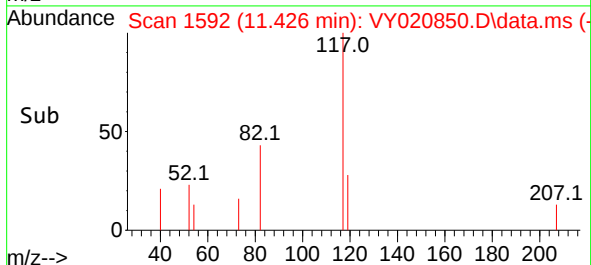
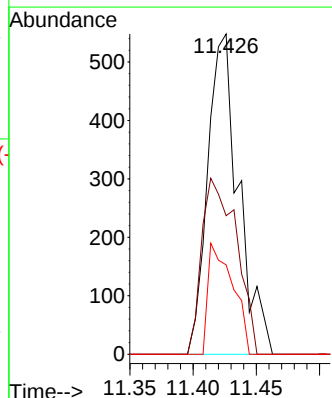
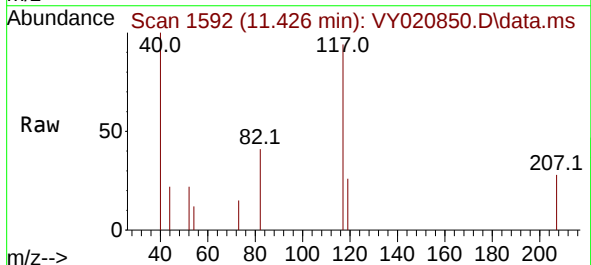
Instrument :
MSVOA_Y
ClientSampleId :

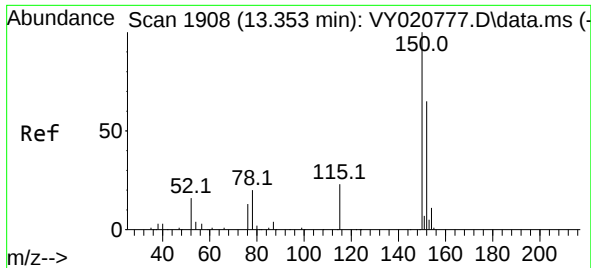
Tgt Ion: 95 Resp: 209
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.0
176 125.8 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020850.D
Acq: 17 Jan 2025 13:13

Tgt Ion: 117 Resp: 933
Ion Ratio Lower Upper
117 100
82 43.2 41.8 62.6
119 27.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

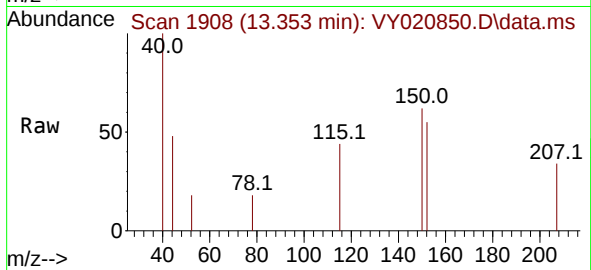
Lab File: VY020850.D

Acq: 17 Jan 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:152 Resp: 214

Ion Ratio Lower Upper

152 100

115 71.0 29.0 87.0

150 216.8 0.0 347.4

