

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020876.D
 Acq On : 20 Jan 2025 13:01
 Operator : SY/MD
 Sample : Q1132-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 00:40:51 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)

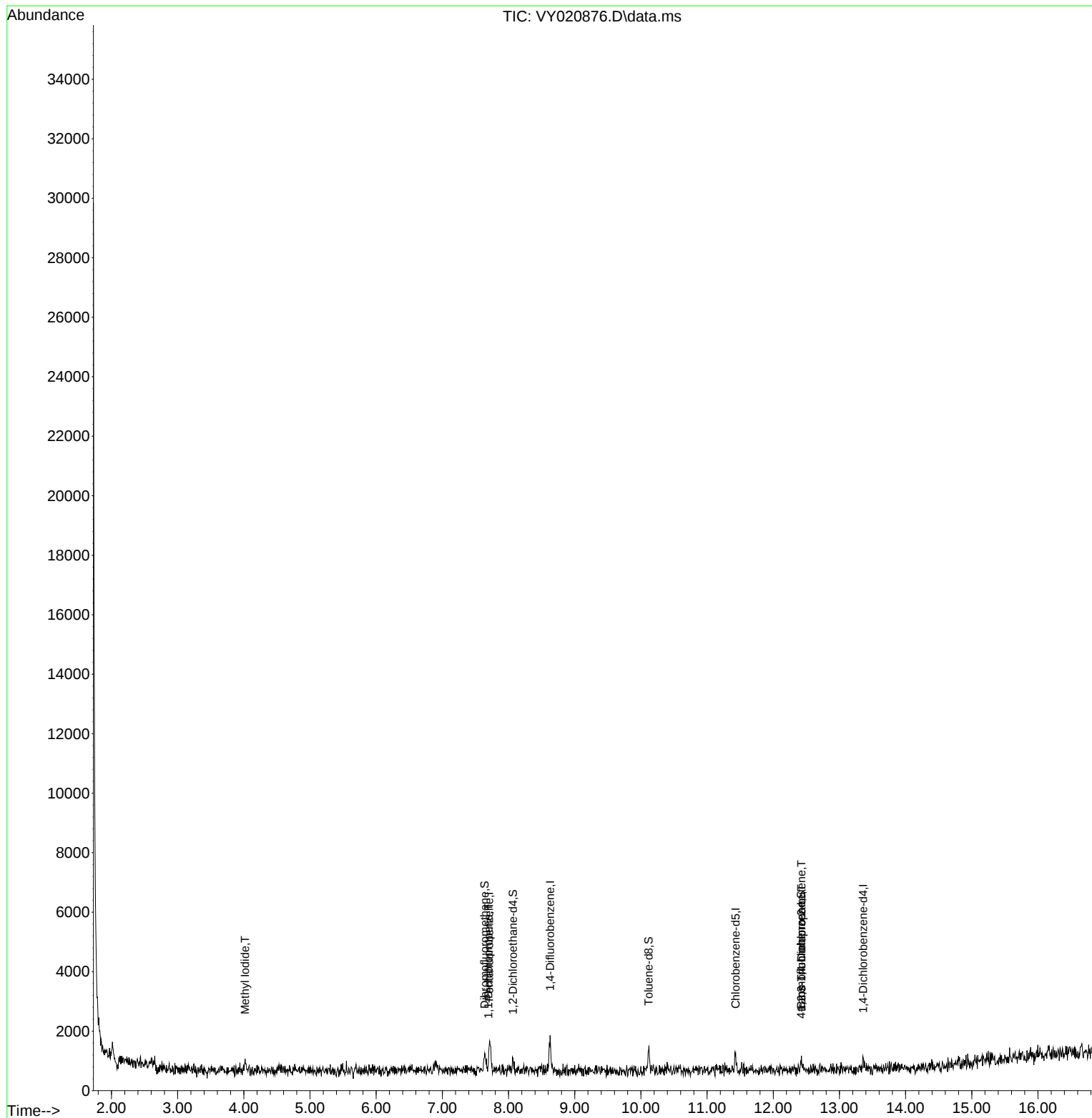
Internal Standards						
1) Pentafluorobenzene	7.707	168	1250	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	1440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	431	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	184	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	600	56.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.940%
35) Dibromofluoromethane	7.640	113	532	58.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.940%
50) Toluene-d8	10.115	98	762	24.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.460%#
62) 4-Bromofluorobenzene	12.420	95	84	7.233	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	14.460%#
Target Compounds						
						Qvalue
10) Methyl Iodide	4.019	142	374	31.358	ug/l	# 79
36) 1,1-Dichloropropene	7.695	75	19	1.651	ug/l	# 40
76) 1,2,3-Trichloropropane	12.426	75	20	12.423	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.426	75	20	26.194	ug/l	# 14

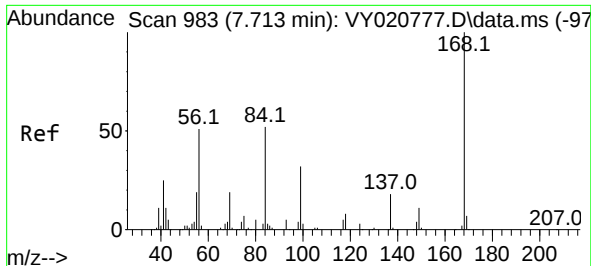
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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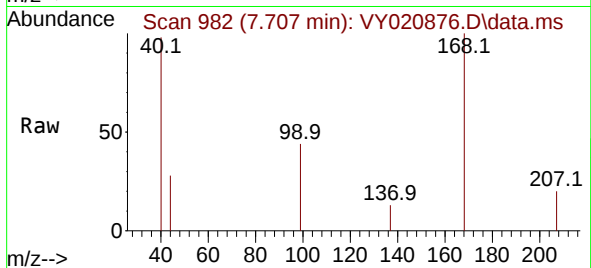
Quant Time: Jan 21 00:40:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration



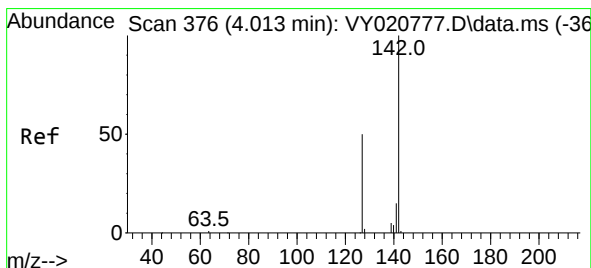
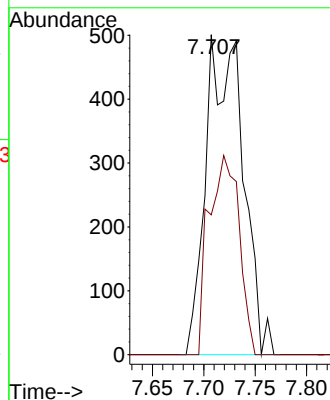
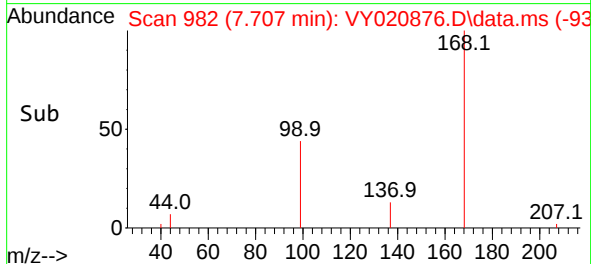


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Instrument :
MSVOA_Y
ClientSampleId :

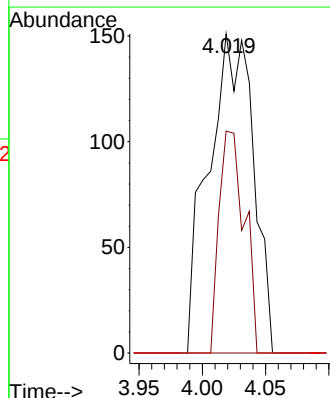
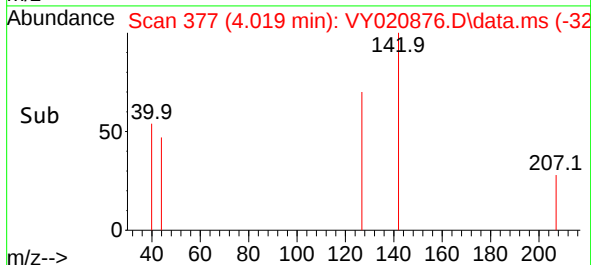
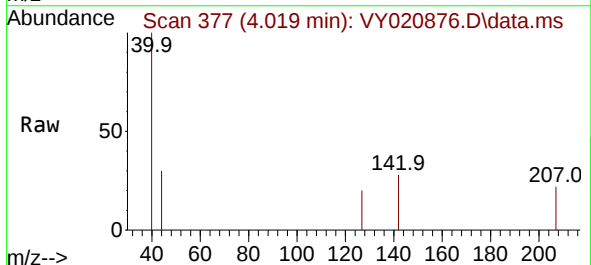


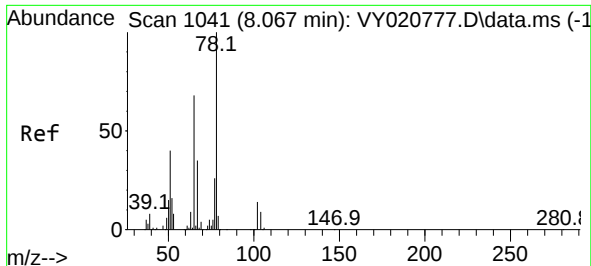
Tgt Ion:168 Resp: 1250
Ion Ratio Lower Upper
168 100
99 43.7 44.3 66.5#



#10
Methyl Iodide
Concen: 31.358 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Tgt Ion:142 Resp: 374
Ion Ratio Lower Upper
142 100
127 39.0 41.0 61.6#
141 0.0 11.6 17.4#





#33

1,2-Dichloroethane-d4

Concen: 56.473 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020876.D

Acq: 20 Jan 2025 13:01

Instrument :

MSVOA_Y

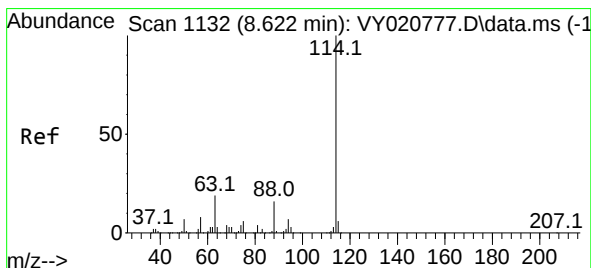
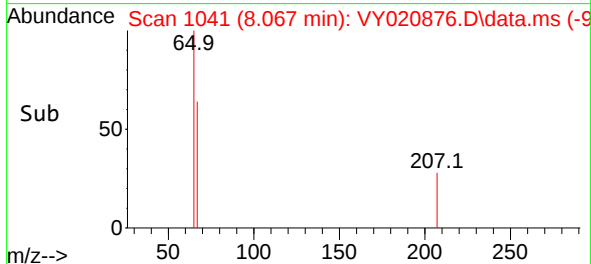
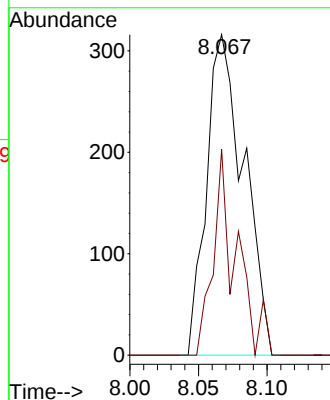
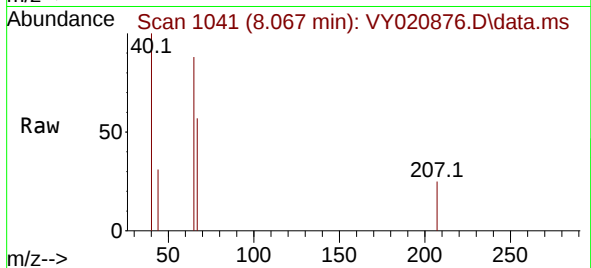
ClientSampleId :

Tgt Ion: 65 Resp: 600

Ion Ratio Lower Upper

65 100

67 39.8 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: VY020876.D

Acq: 20 Jan 2025 13:01

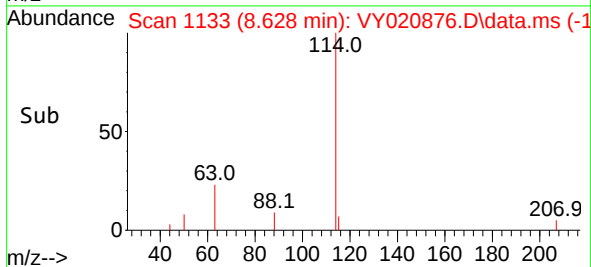
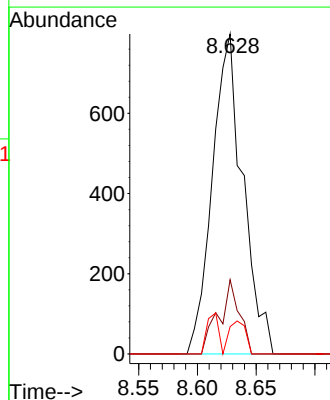
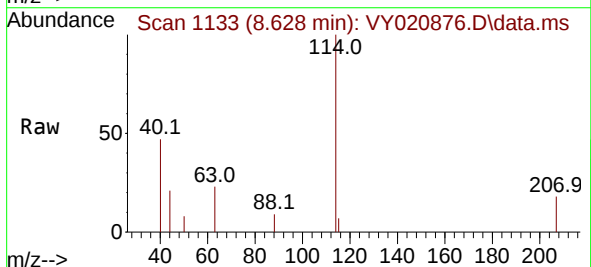
Tgt Ion: 114 Resp: 1440

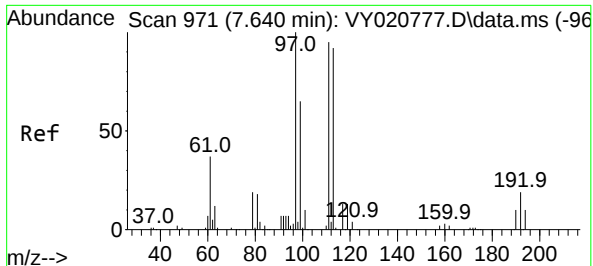
Ion Ratio Lower Upper

114 100

63 23.2 0.0 38.4

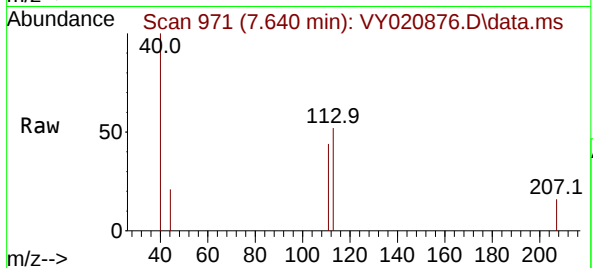
88 8.5 0.0 31.2



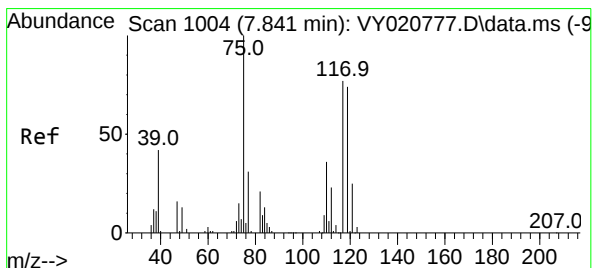
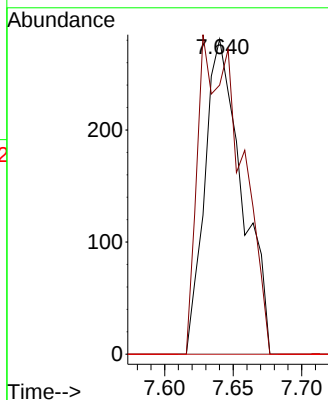
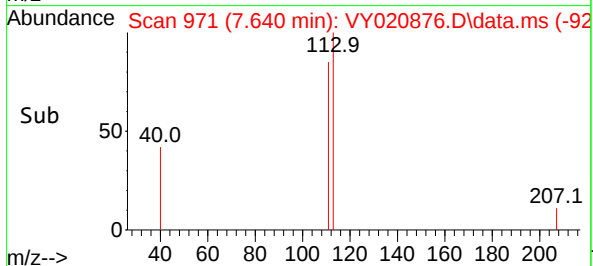


#35
Dibromofluoromethane
Concen: 58.970 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Instrument :
MSVOA_Y
ClientSampleId :

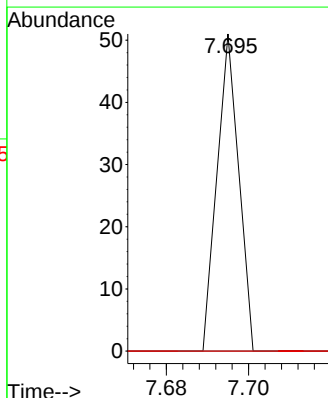
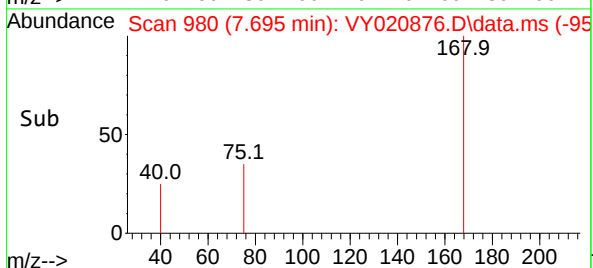
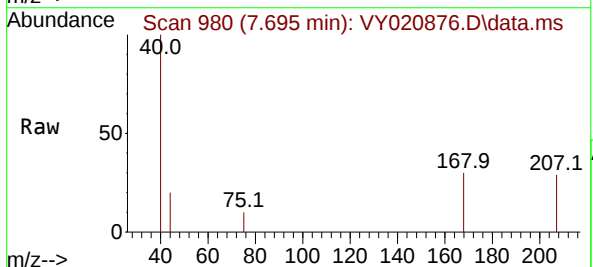


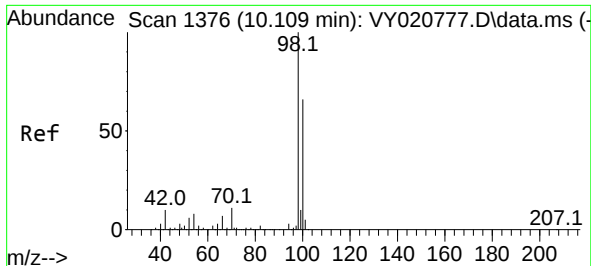
Tgt Ion:113 Resp: 532
Ion Ratio Lower Upper
113 100
111 116.9 81.7 122.5
192 0.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 1.651 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.146 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
110 0.0 18.5 55.5#
77 0.0 25.0 37.4#

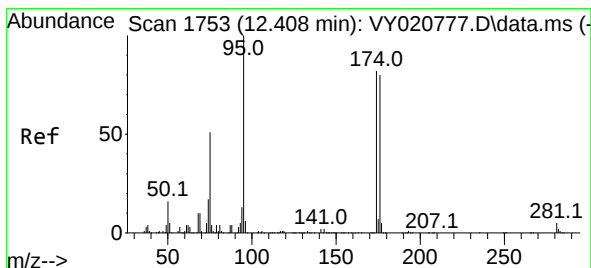
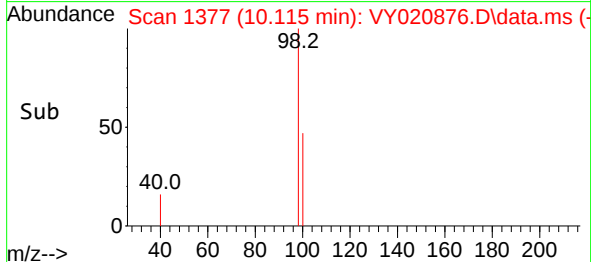
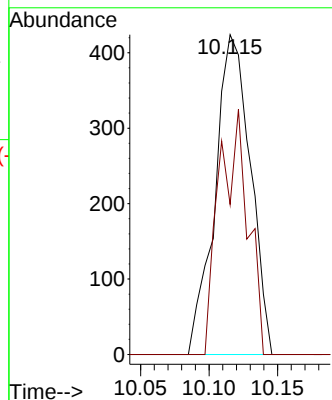
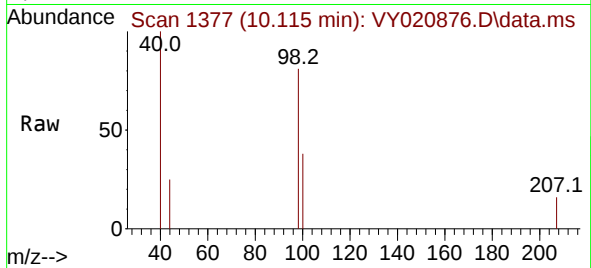




#50
Toluene-d8
Concen: 24.230 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

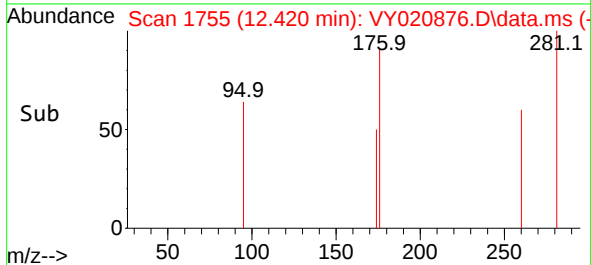
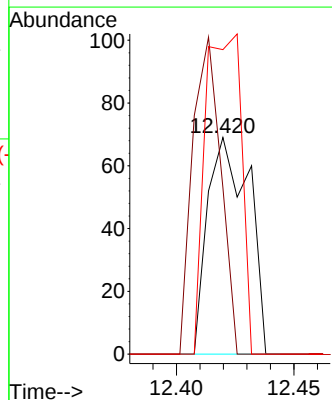
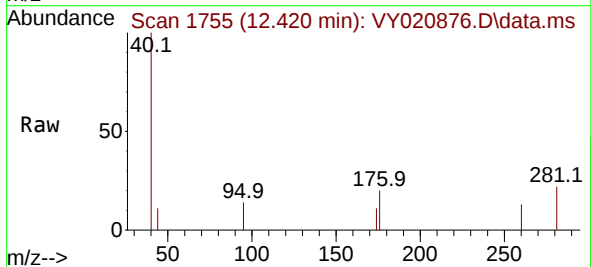
Instrument :
MSVOA_Y
ClientSampleId :

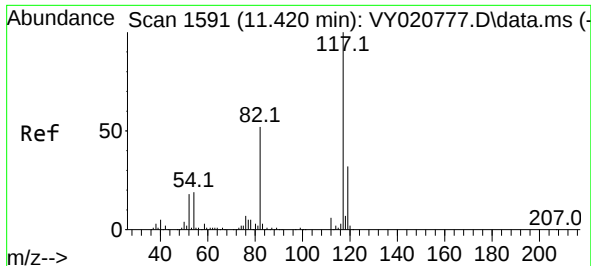
Tgt Ion: 98 Resp: 762
Ion Ratio Lower Upper
98 100
100 62.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 7.233 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

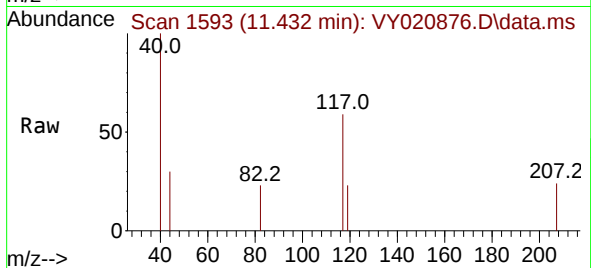
Tgt Ion: 95 Resp: 84
Ion Ratio Lower Upper
95 100
174 100.0 0.0 178.0
176 129.8 0.0 172.0



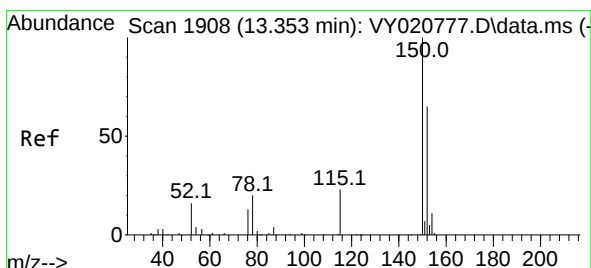
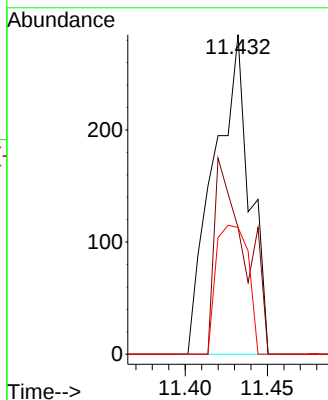
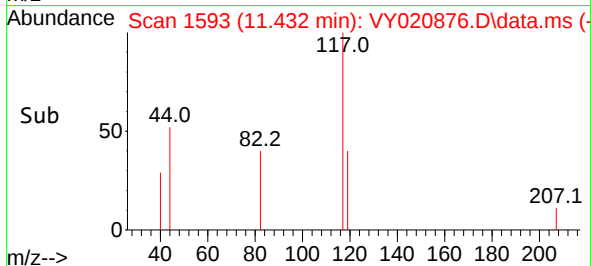


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

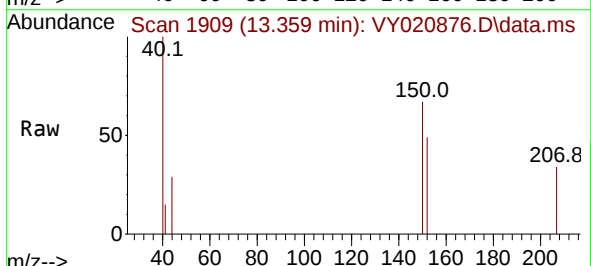
Instrument :
MSVOA_Y
ClientSampleId :



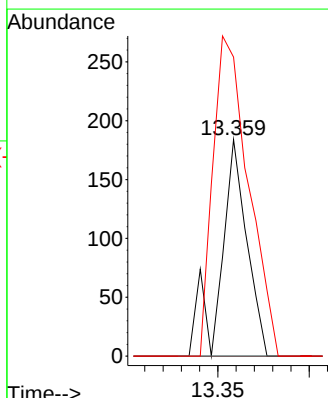
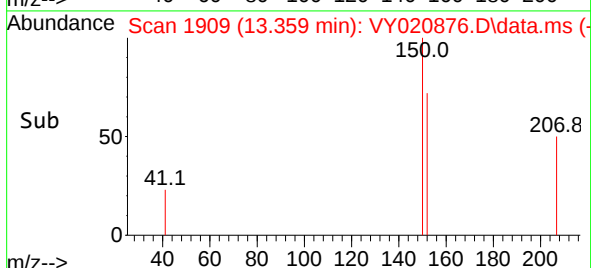
Tgt Ion:117 Resp: 431
Ion Ratio Lower Upper
117 100
82 39.6 41.8 62.6#
119 39.6 25.8 38.8#

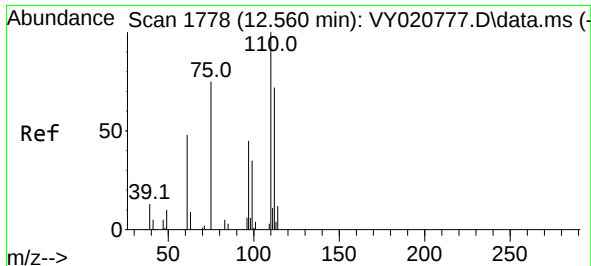


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01



Tgt Ion:152 Resp: 184
Ion Ratio Lower Upper
152 100
115 0.0 29.0 87.0#
150 199.5 0.0 347.4

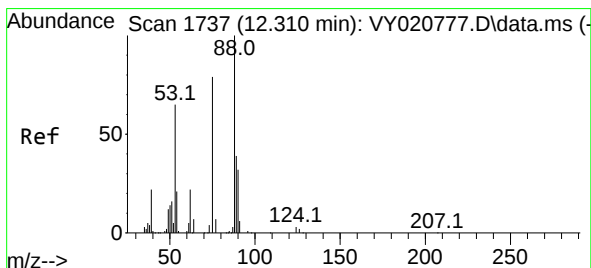
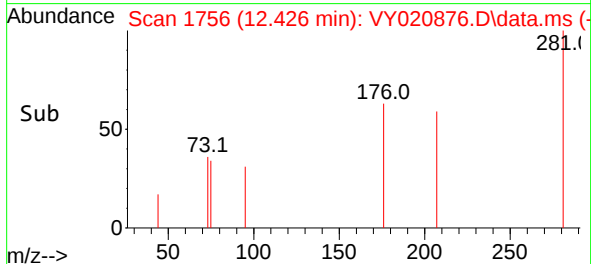
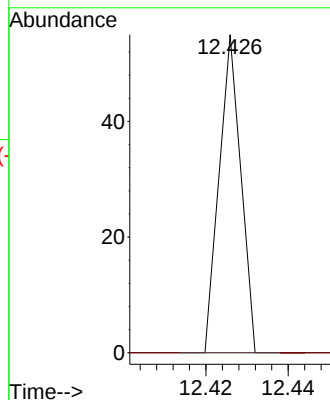
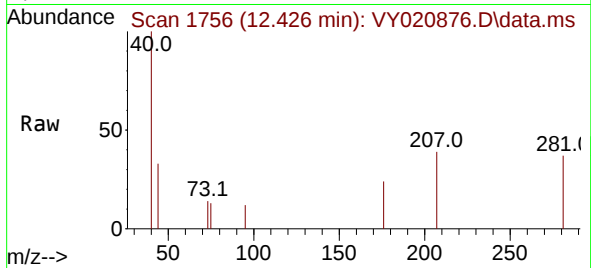




#76
1,2,3-Trichloropropane
Concen: 12.423 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. -0.134 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 26.194 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.116 min
Lab File: VY020876.D
Acq: 20 Jan 2025 13:01

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#

