

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021006.D
 Acq On : 31 Jan 2025 13:39
 Operator : SY/MD
 Sample : Q1239-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:24:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

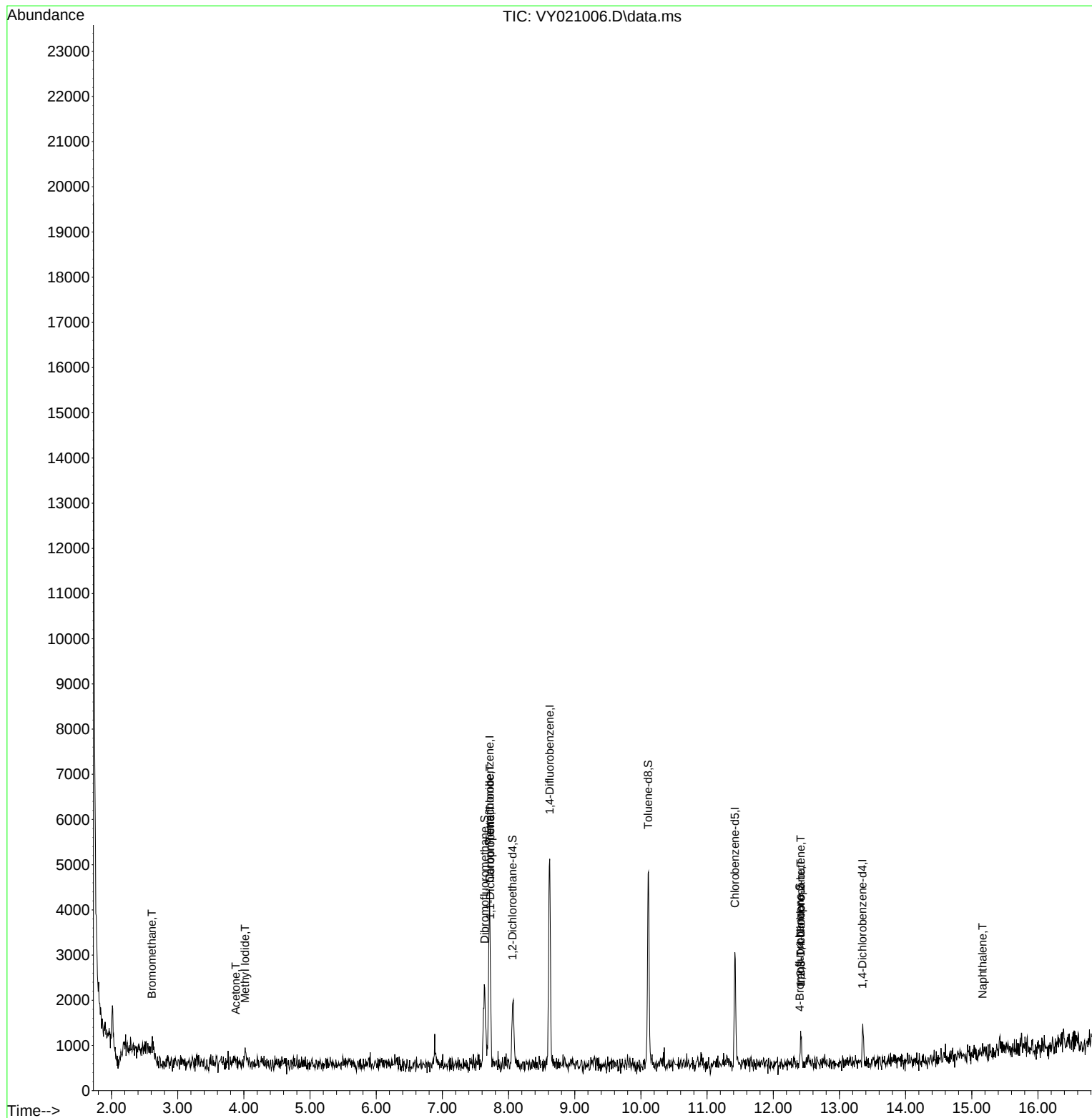
Internal Standards						
1) Pentafluorobenzene	7.713	168	3468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	4621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	1384	46.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.740%
35) Dibromofluoromethane	7.640	113	1327	47.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.109	98	3362	31.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	62.020%
62) 4-Bromofluorobenzene	12.401	95	266	7.311	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	14.620%#
Target Compounds						
					Qvalue	
5) Bromomethane	2.610	94	156	11.921	ug/l #	49
10) Methyl Iodide	4.018	142	446	12.408	ug/l #	46
16) Acetone	3.878	43	25	6.212	ug/l #	39
36) 1,1-Dichloropropene	7.725	75	72	1.817	ug/l #	41
38) Carbon Tetrachloride	7.719	117	283	5.770	ug/l #	13
76) 1,2,3-Trichloropropane	12.413	75	74	25.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	74	53.456	ug/l #	15
95) Naphthalene	15.163	128	23	5.921	ug/l #	69

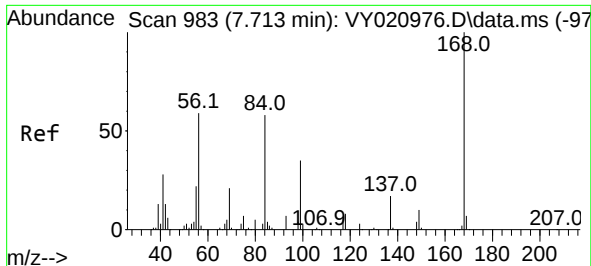
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
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Operator : SY/MD
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Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
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Quant Title : SW846 8260
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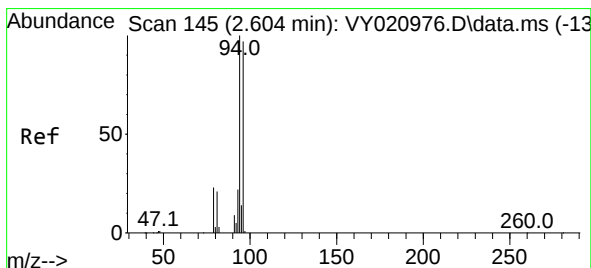
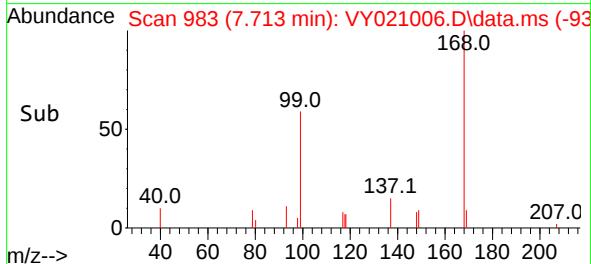
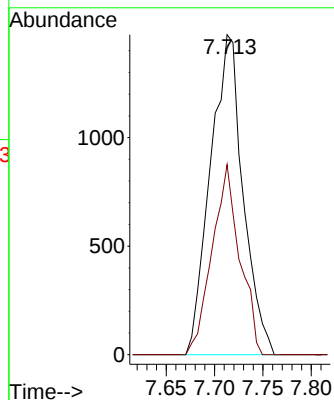
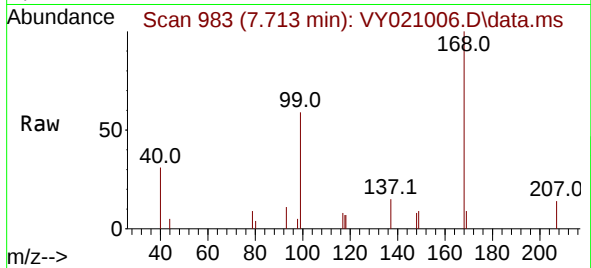




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

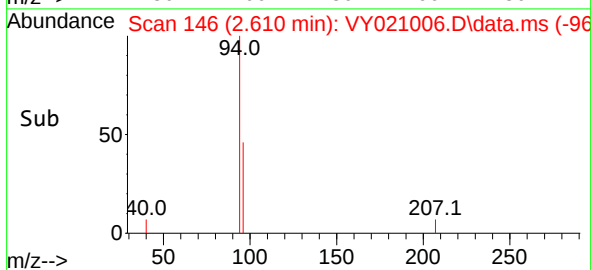
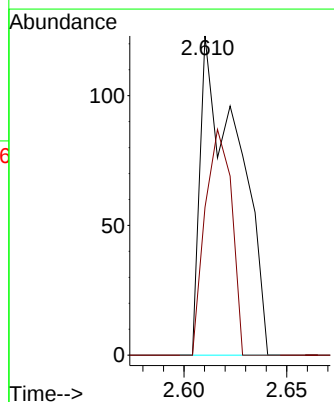
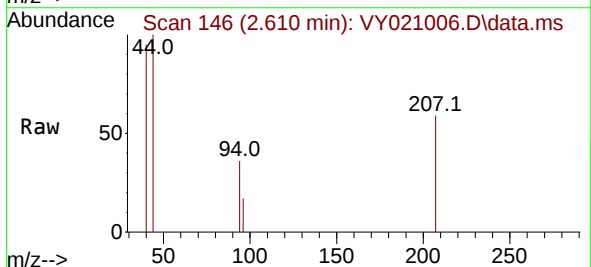
Instrument :
MSVOA_Y
ClientSampleId :

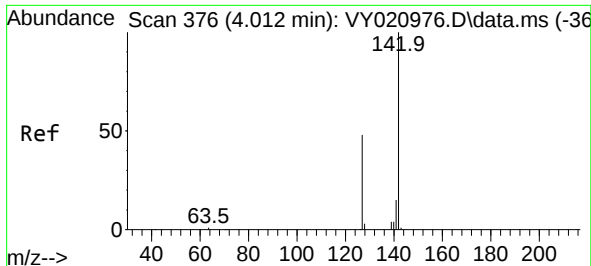
Tgt Ion:168 Resp: 3468
Ion Ratio Lower Upper
168 100
99 59.4 42.2 63.2



#5
Bromomethane
Concen: 11.921 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.006 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

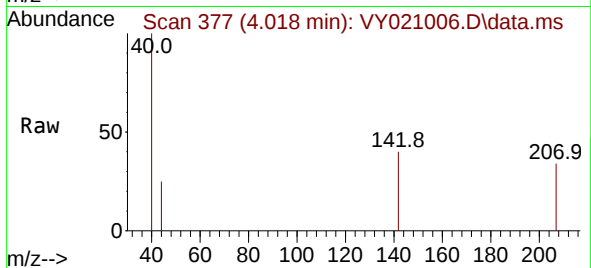
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 46.3 77.4 116.0#



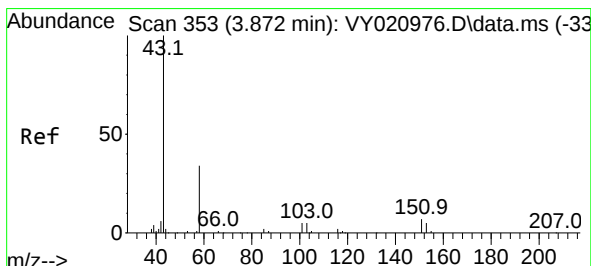
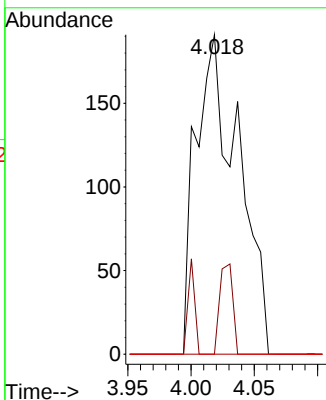
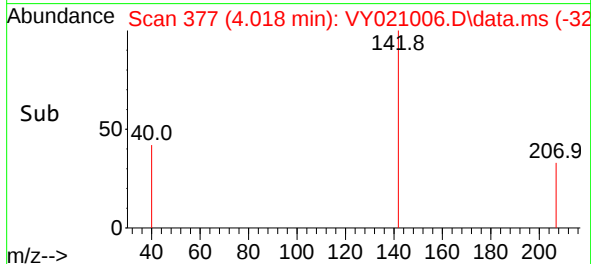


#10
Methyl Iodide
Concen: 12.408 ug/l
RT: 4.018 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :

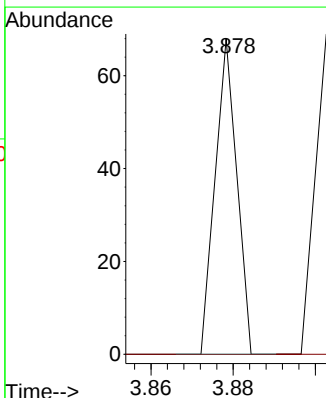
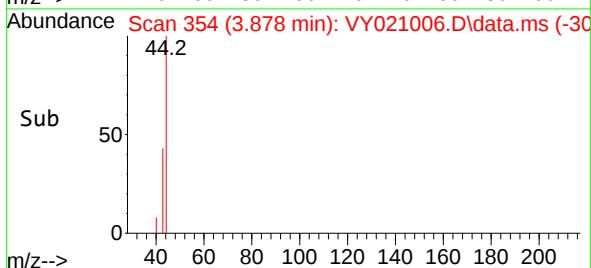
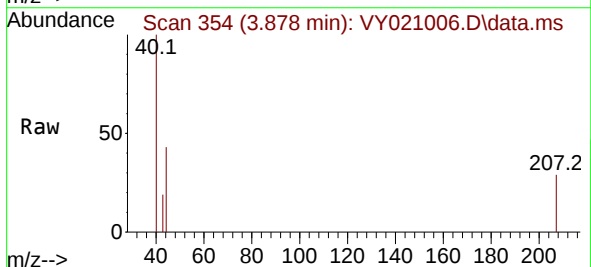


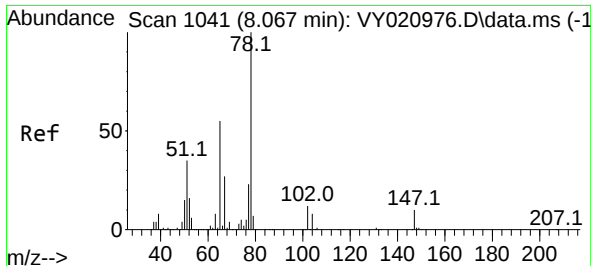
Tgt Ion:142 Resp: 446
Ion Ratio Lower Upper
142 100
127 8.5 38.9 58.3#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 6.212 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#





#33

1,2-Dichloroethane-d4

Concen: 46.872 ug/l

RT: 8.060 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY021006.D

Acq: 31 Jan 2025 13:39

Instrument :

MSVOA_Y

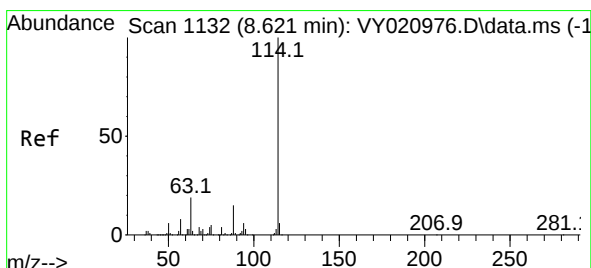
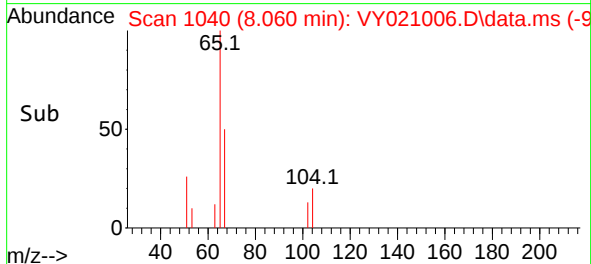
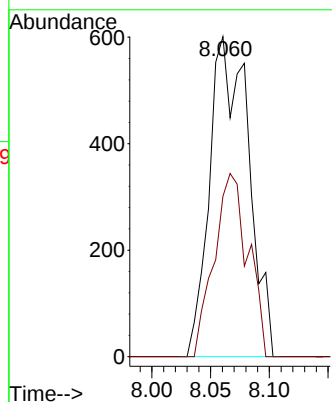
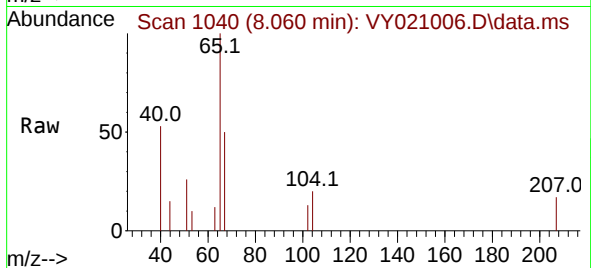
ClientSampleId :

Tgt Ion: 65 Resp: 1384

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021006.D

Acq: 31 Jan 2025 13:39

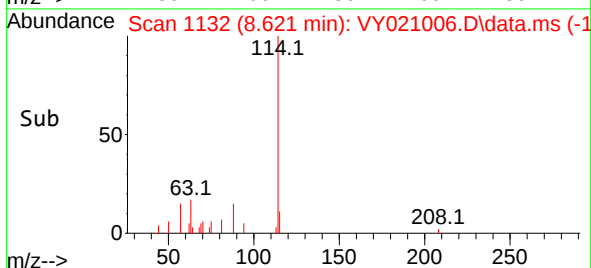
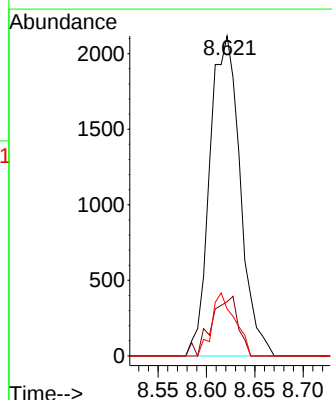
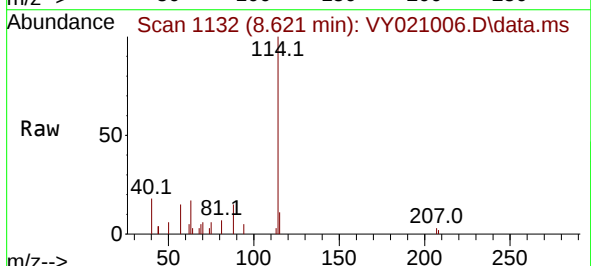
Tgt Ion:114 Resp: 4621

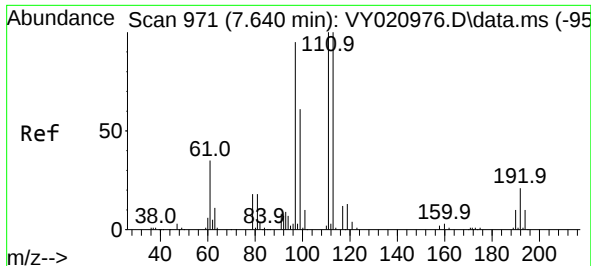
Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.2

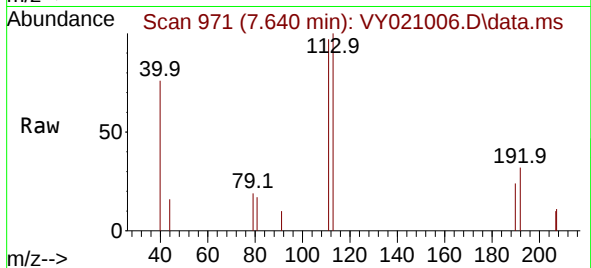
88 14.7 0.0 29.6



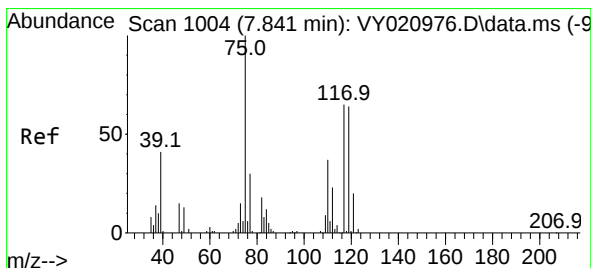
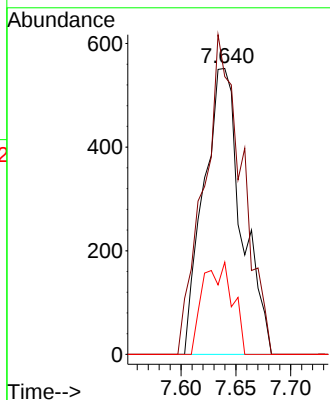
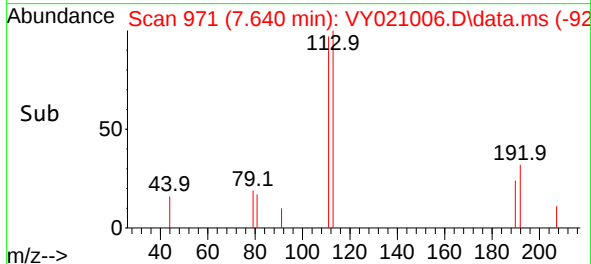


#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

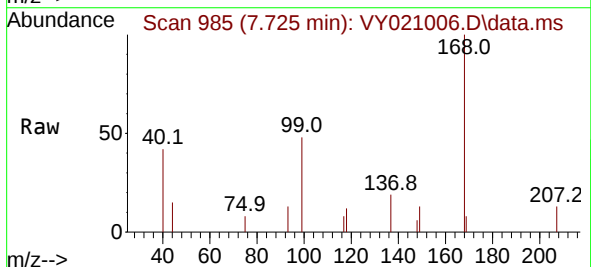
Instrument :
MSVOA_Y
ClientSampleId :



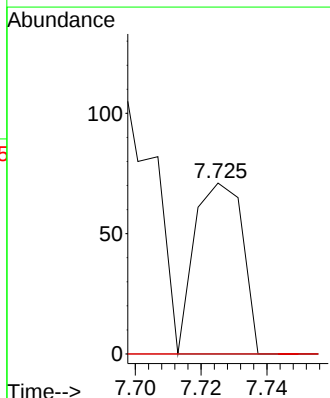
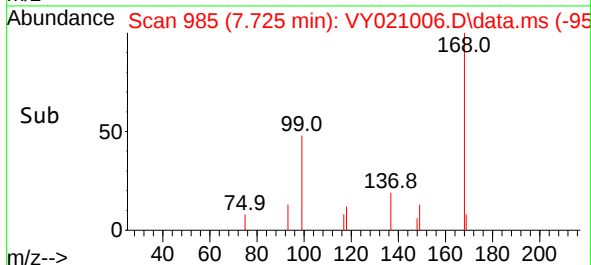
Tgt Ion:113 Resp: 1327
Ion Ratio Lower Upper
113 100
111 113.1 82.6 123.8
192 25.2 16.8 25.2#

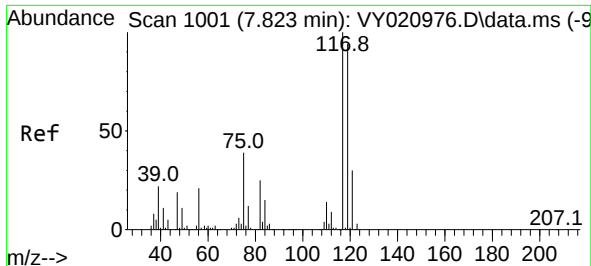


#36
1,1-Dichloropropene
Concen: 1.817 ug/l
RT: 7.725 min Scan# 985
Delta R.T. -0.116 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39



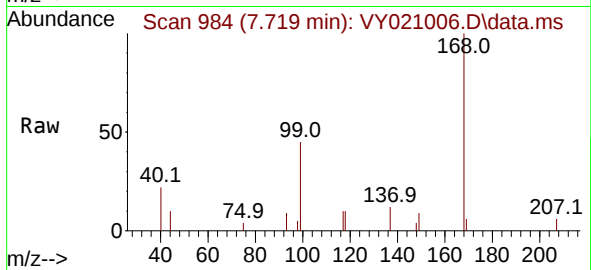
Tgt Ion: 75 Resp: 72
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 0.0 24.9 37.3#



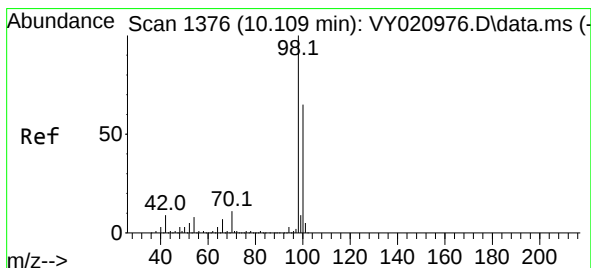
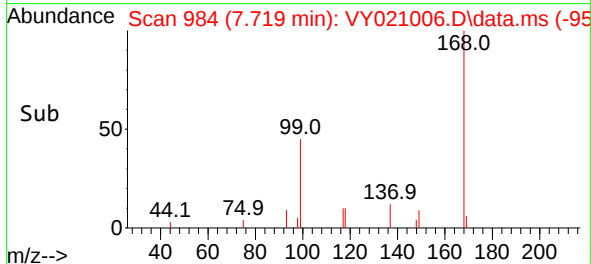
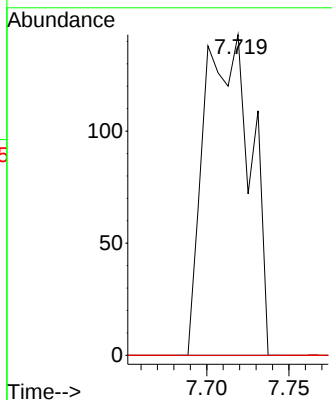


#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :

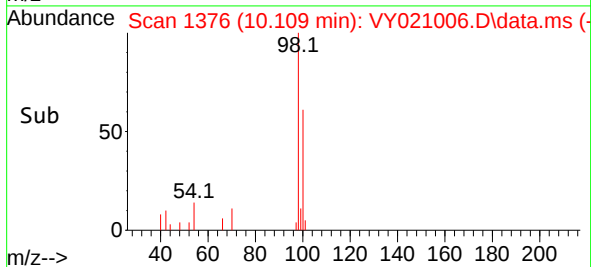
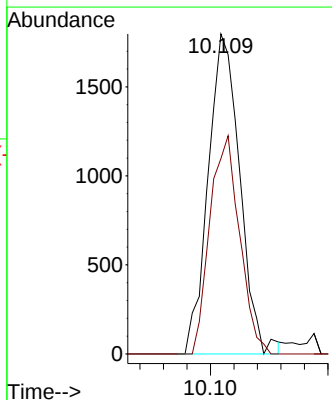
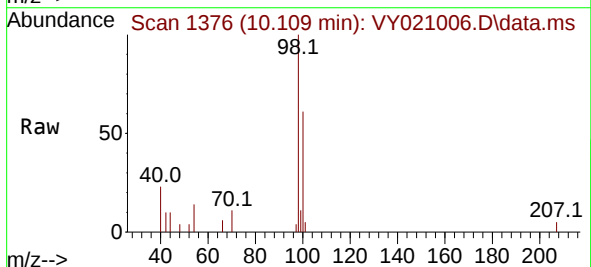


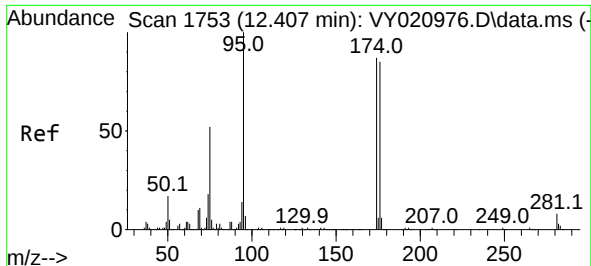
Tgt Ion:117 Resp: 283
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 31.006 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

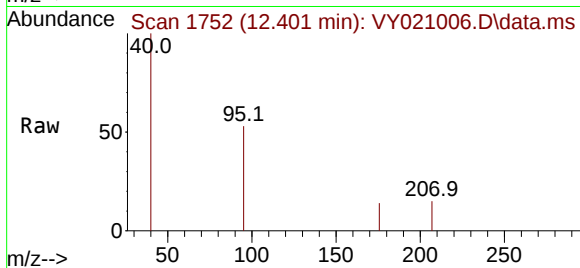
Tgt Ion: 98 Resp: 3362
Ion Ratio Lower Upper
98 100
100 64.0 52.6 79.0



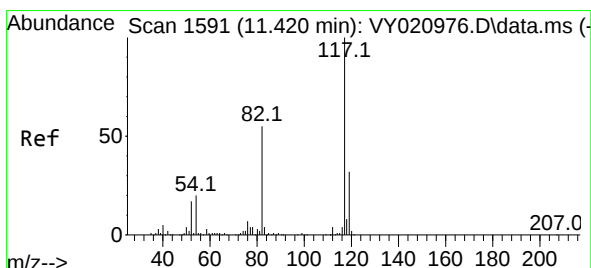
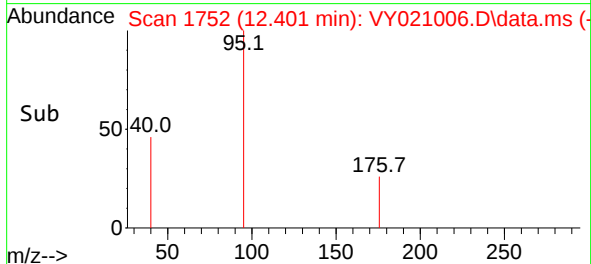
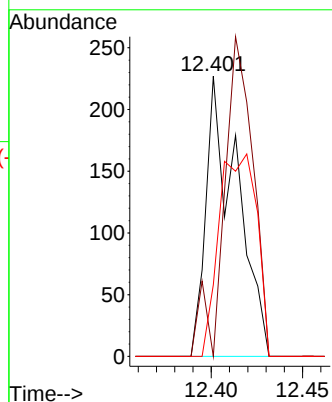


#62
4-Bromofluorobenzene
Concen: 7.311 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :

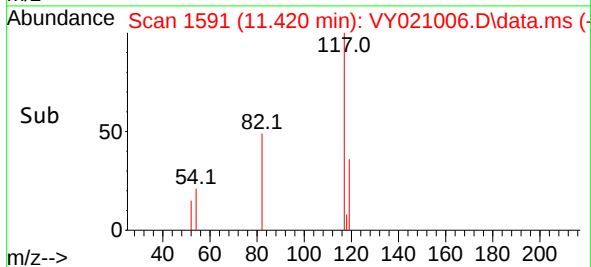
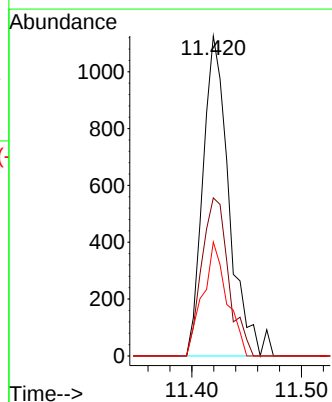
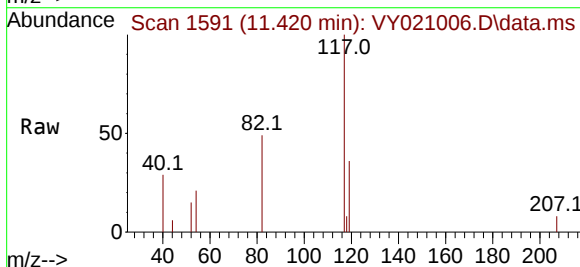


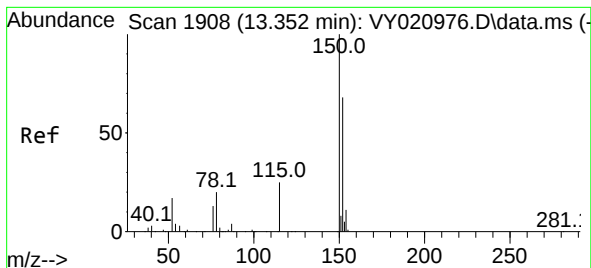
Tgt Ion:	95	Resp:	266
Ion Ratio	100	Lower	Upper
174	107.5	0.0	181.2
176	88.7	0.0	175.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Tgt Ion:	117	Resp:	1865
Ion Ratio	100	Lower	Upper
82	49.4	44.2	66.2
119	35.6	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

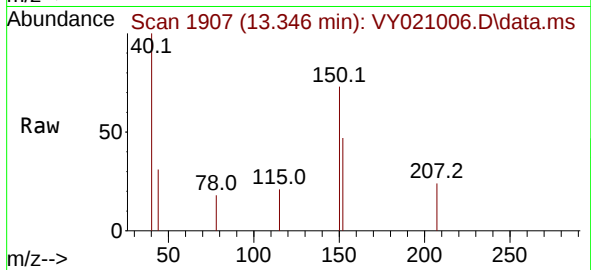
Lab File: VY021006.D

Acq: 31 Jan 2025 13:39

Instrument :

MSVOA_Y

ClientSampleId :



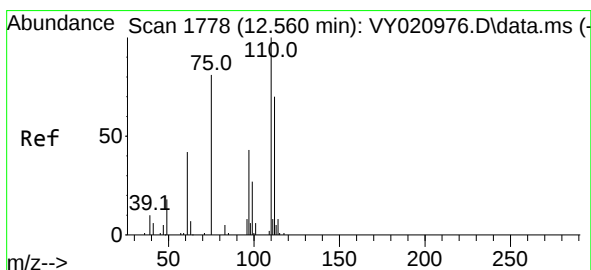
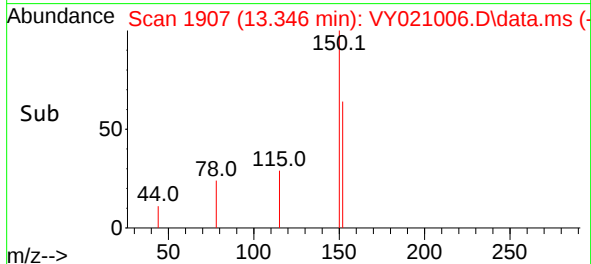
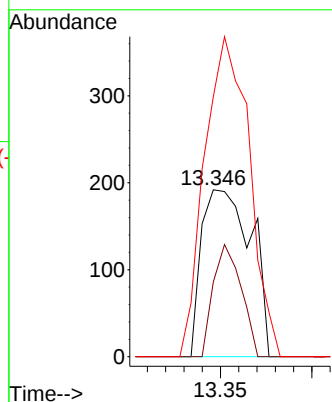
Tgt Ion:152 Resp: 363

Ion Ratio Lower Upper

152 100

115 37.7 28.4 85.2

150 172.7 0.0 342.8



#76

1,2,3-Trichloropropane

Concen: 25.752 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021006.D

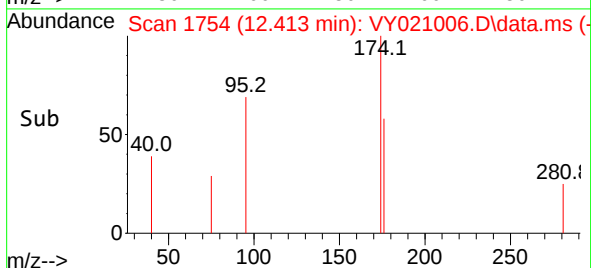
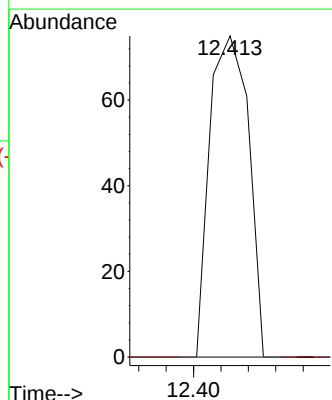
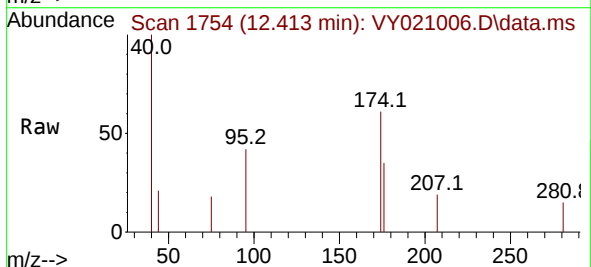
Acq: 31 Jan 2025 13:39

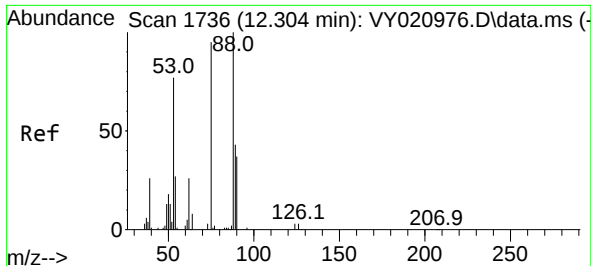
Tgt Ion: 75 Resp: 74

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

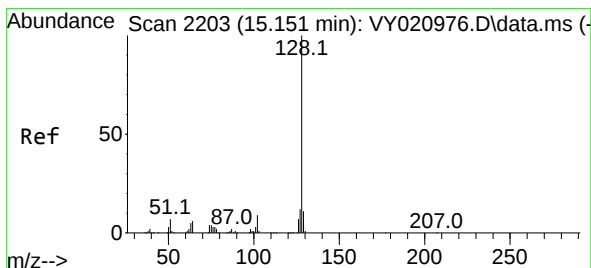
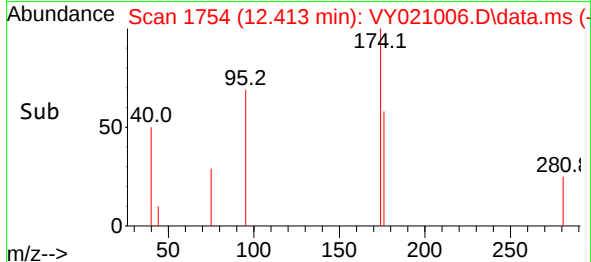
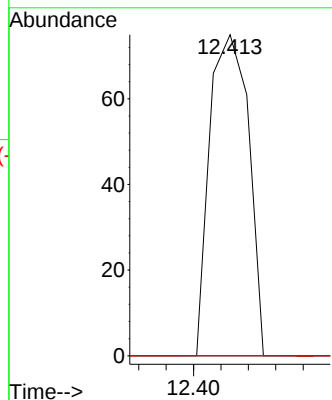
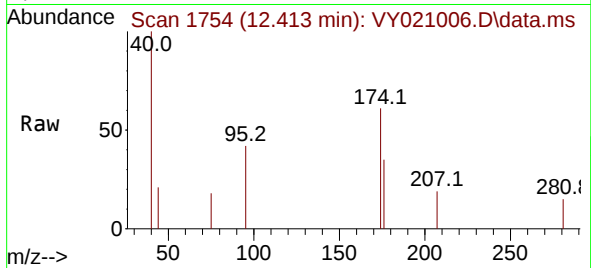




#81
trans-1,4-Dichloro-2-butene
Concen: 53.456 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
53 0.0 68.6 103.0#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 5.921 ug/l
RT: 15.163 min Scan# 2205
Delta R.T. 0.012 min
Lab File: VY021006.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.8 13.2#

