

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020898.D
 Acq On : 22 Jan 2025 13:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:45:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

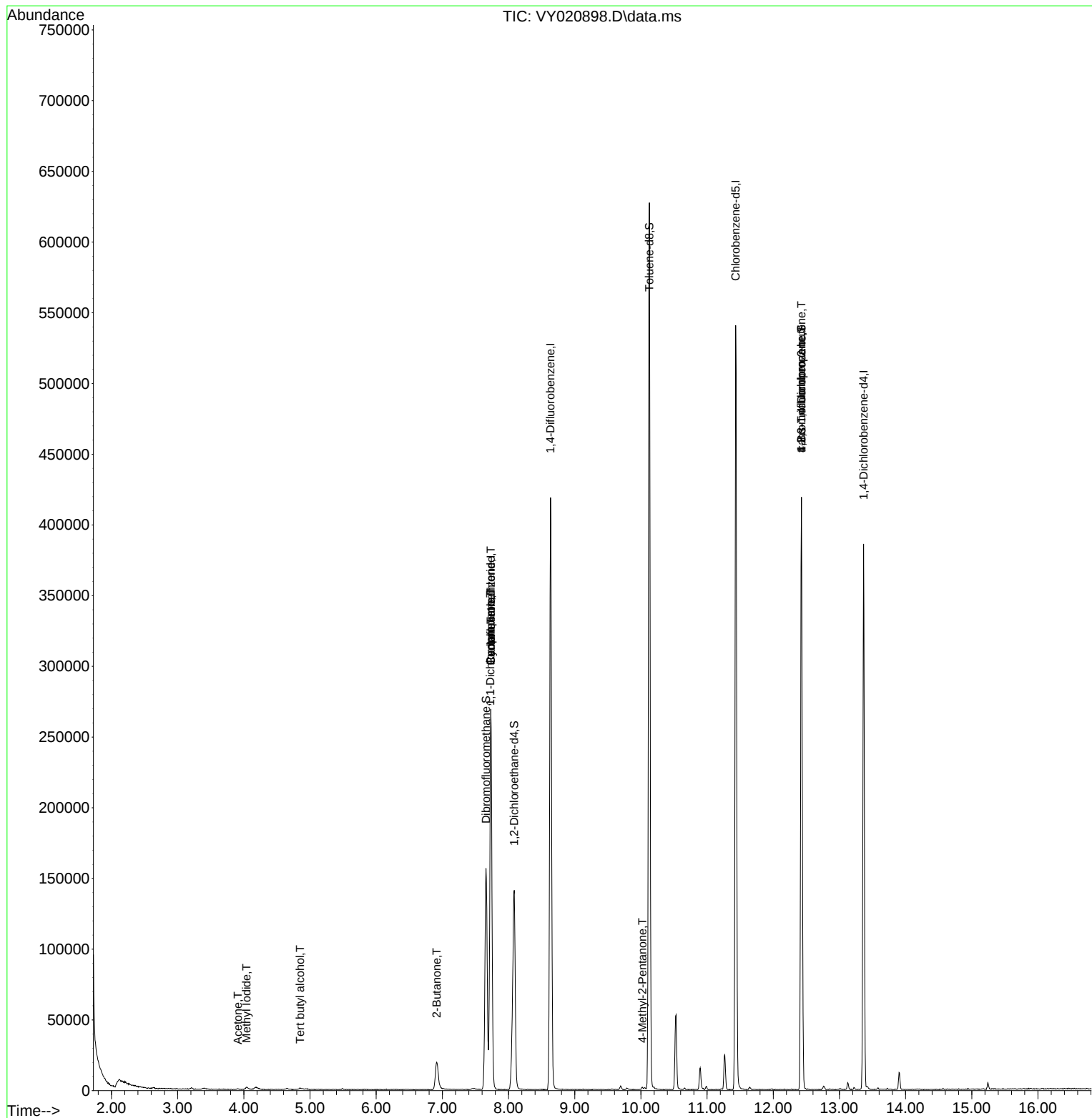
Internal Standards						
1) Pentafluorobenzene	7.731	168	217445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	372559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	303730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	104718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	101380	54.853	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.700%			
35) Dibromofluoromethane	7.658	113	114880	49.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.440%			
50) Toluene-d8	10.127	98	426723	52.445	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.426	95	116347	38.722	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 77.440%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.037	142	2861	1.379	ug/l #	93
11) Tert butyl alcohol	4.848	59	823	5.893	ug/l #	73
16) Acetone	3.909	43	924	3.516	ug/l #	81
25) 2-Butanone	6.915	43	970	2.247	ug/l #	78
31) Cyclohexane	7.731	56	3782	1.406	ug/l #	1
36) 1,1-Dichloropropene	7.725	75	15285	5.134	ug/l #	49
38) Carbon Tetrachloride	7.731	117	20994	5.066	ug/l #	16
51) 4-Methyl-2-Pentanone	10.024	43	1283	1.066	ug/l #	82
76) 1,2,3-Trichloropropane	12.426	75	58252	63.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.426	75	58252	134.052	ug/l #	14

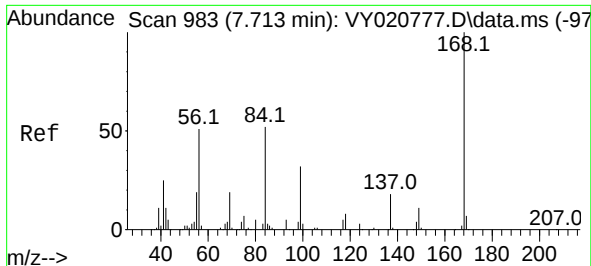
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY012225\
Data File : VY020898.D
Acq On : 22 Jan 2025 13:45
Operator : SY/MD
Sample : VIBLK
Misc : 5.08g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Jan 23 00:45:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

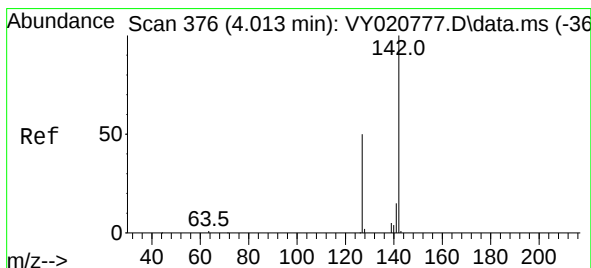
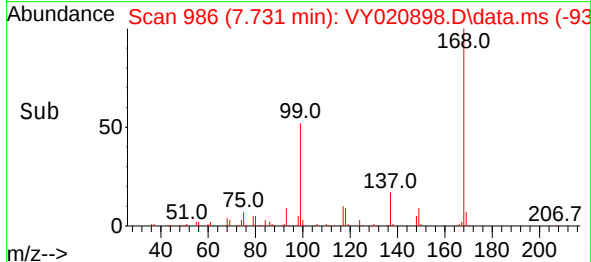
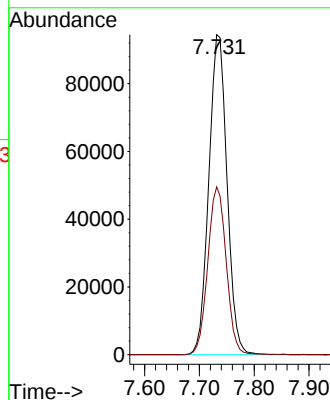
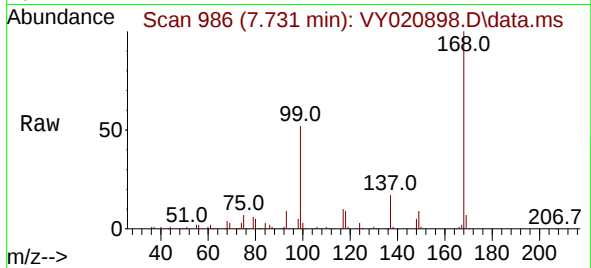




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

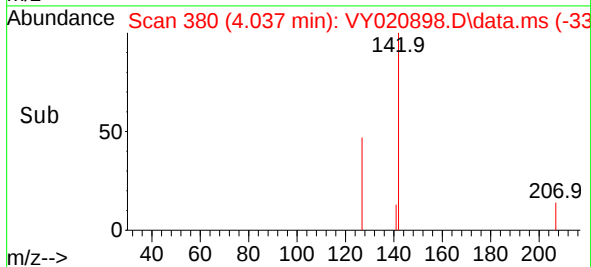
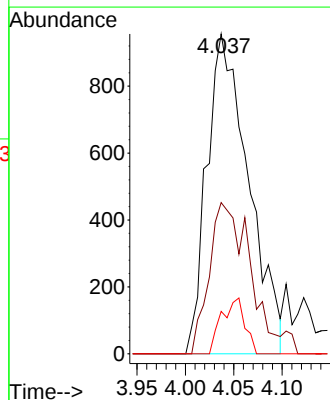
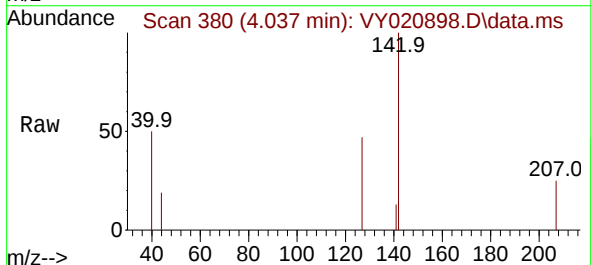
Instrument :
MSVOA_Y
ClientSampleId :

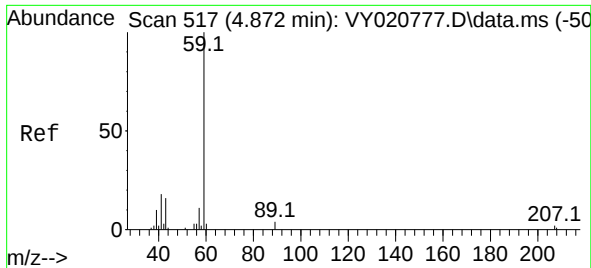
Tgt Ion:168 Resp: 217445
Ion Ratio Lower Upper
168 100
99 52.5 44.3 66.5



#10
Methyl Iodide
Concen: 1.379 ug/l
RT: 4.037 min Scan# 380
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

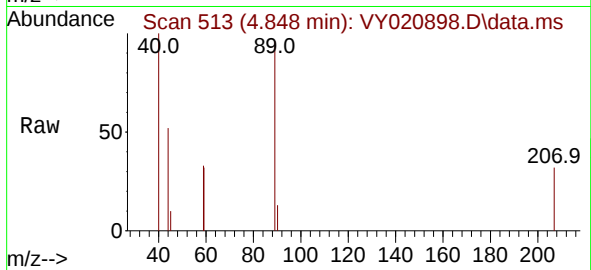
Tgt Ion:142 Resp: 2861
Ion Ratio Lower Upper
142 100
127 47.6 41.0 61.6
141 9.8 11.6 17.4#



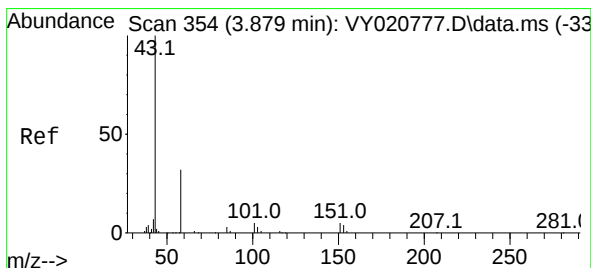
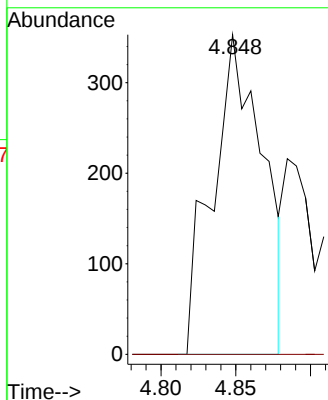
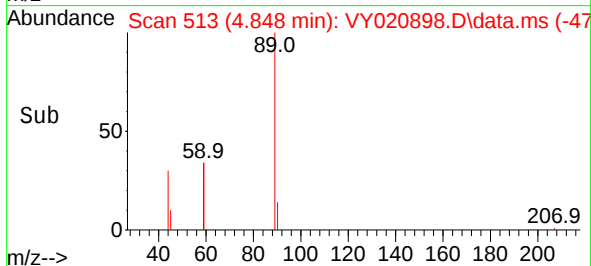


#11
Tert butyl alcohol
Concen: 5.893 ug/l
RT: 4.848 min Scan# 517
Delta R.T. -0.079 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

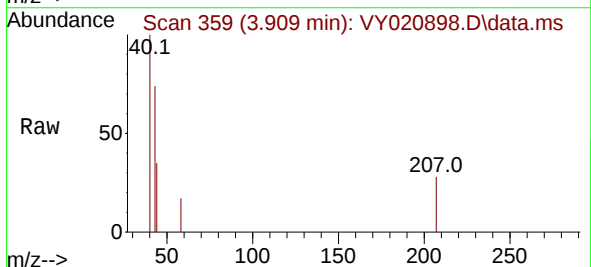
Instrument :
MSVOA_Y
ClientSampleId :



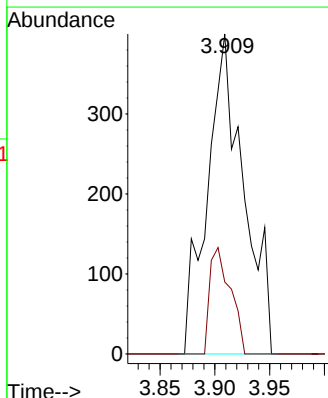
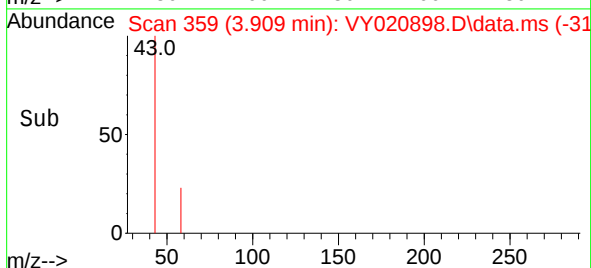
Tgt Ion: 59 Resp: 823
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

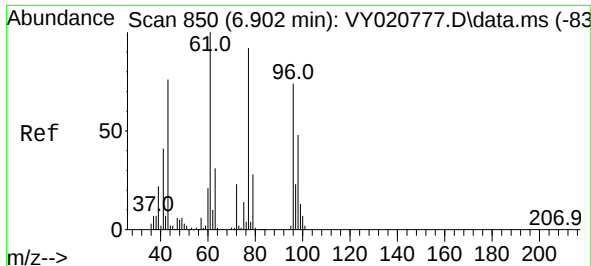


#16
Acetone
Concen: 3.516 ug/l
RT: 3.909 min Scan# 359
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45



Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 22.5 26.7 40.1#





#25

2-Butanone

Concen: 2.247 ug/l

RT: 6.915 min Scan# 850

Delta R.T. -0.018 min

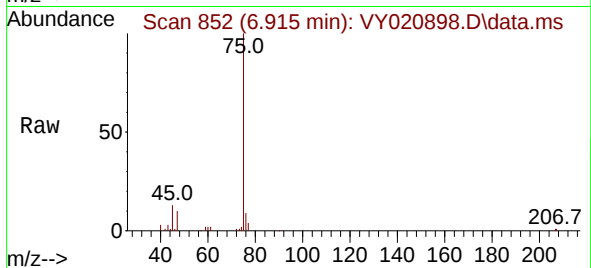
Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

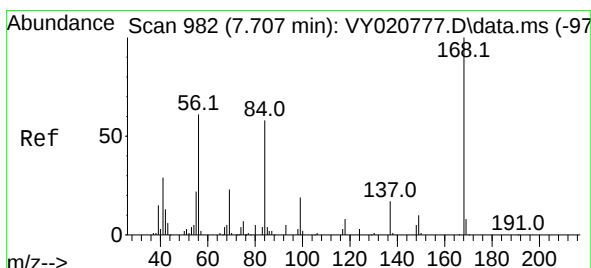
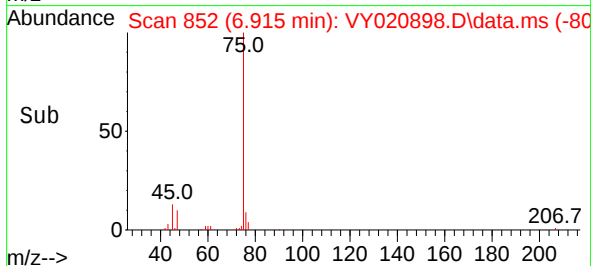
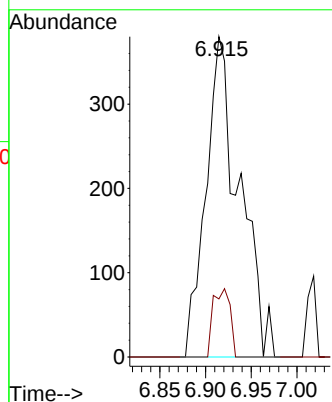


Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

72 18.2 24.0 36.0#



#31

Cyclohexane

Concen: 1.406 ug/l

RT: 7.731 min Scan# 986

Delta R.T. -0.006 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

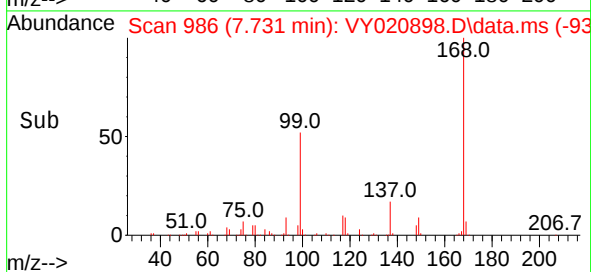
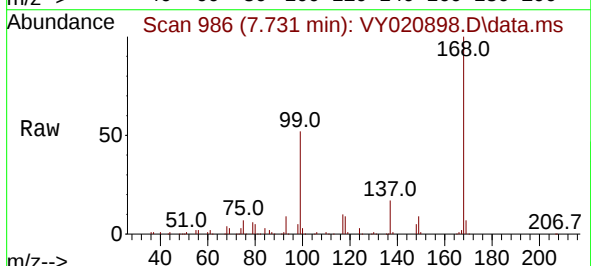
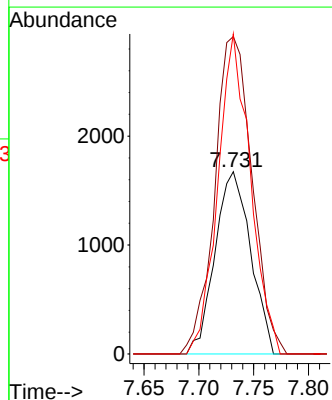
Tgt Ion: 56 Resp: 3782

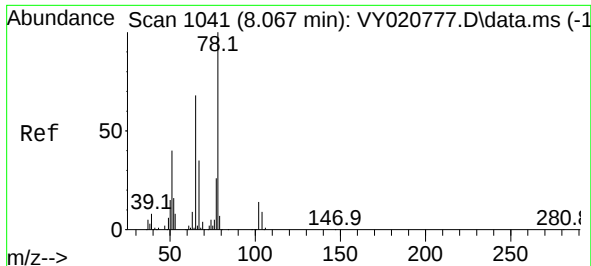
Ion Ratio Lower Upper

56 100

69 174.1 30.5 45.7#

84 175.5 76.6 115.0#

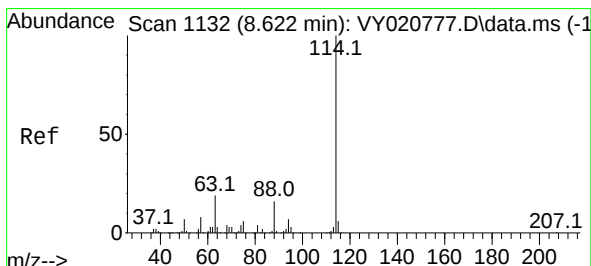
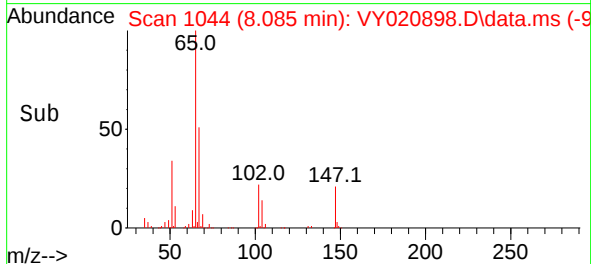
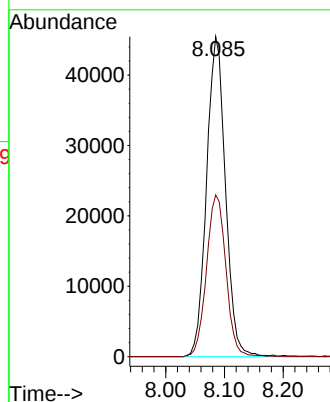
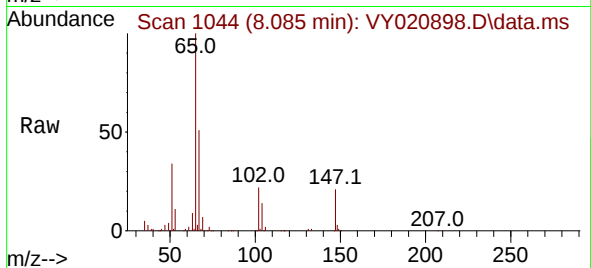




#33
1,2-Dichloroethane-d4
Concen: 54.853 ug/l
RT: 8.085 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

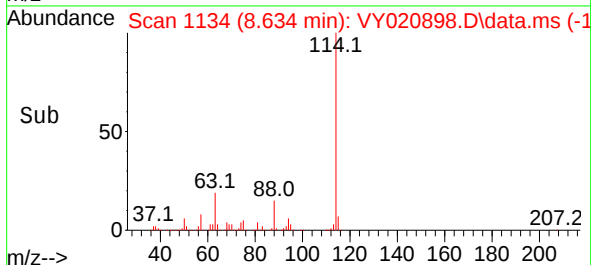
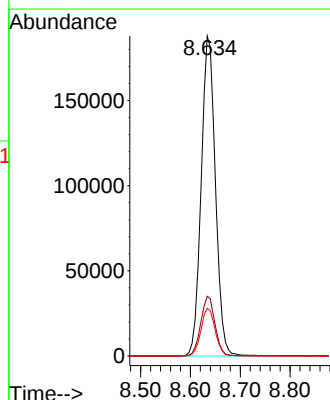
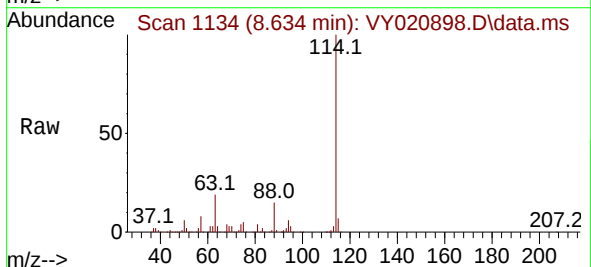
Instrument :
MSVOA_Y
ClientSampleId :

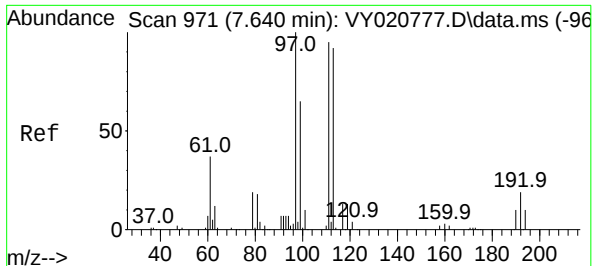
Tgt Ion: 65 Resp: 101380
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.634 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

Tgt Ion:114 Resp: 372559
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.219 ug/l

RT: 7.658 min Scan# 91

Delta R.T. -0.006 min

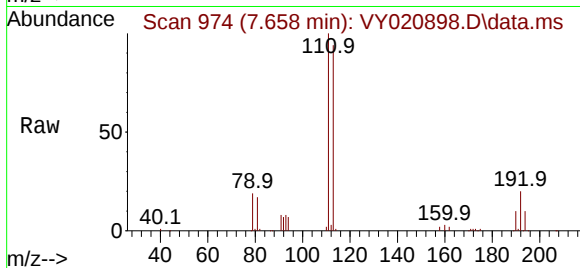
Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :



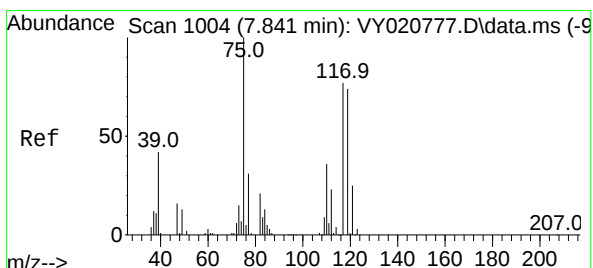
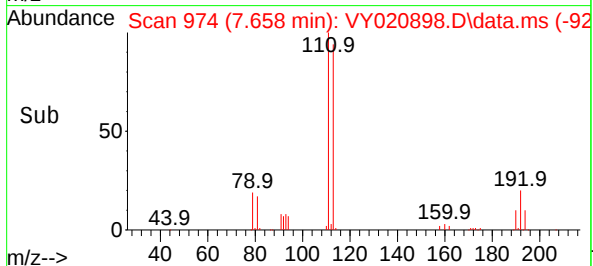
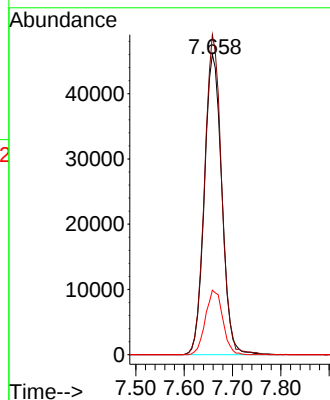
Tgt Ion:113 Resp: 114880

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

192 21.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.134 ug/l

RT: 7.725 min Scan# 985

Delta R.T. -0.140 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

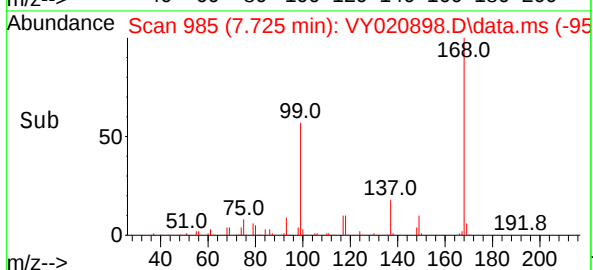
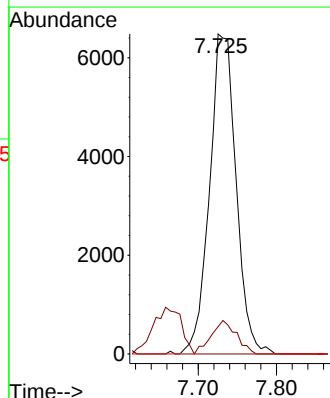
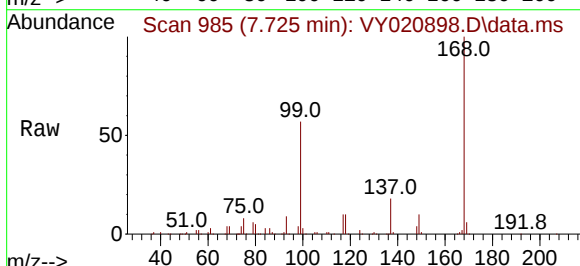
Tgt Ion: 75 Resp: 15285

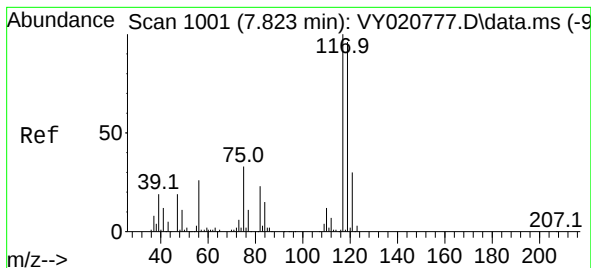
Ion Ratio Lower Upper

75 100

110 9.9 18.5 55.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.066 ug/l

RT: 7.731 min Scan# 90

Delta R.T. -0.116 min

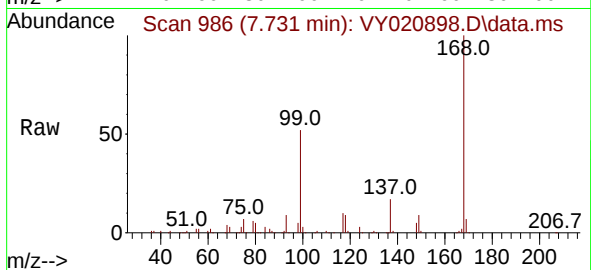
Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :



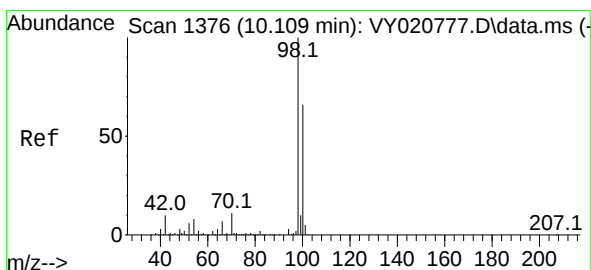
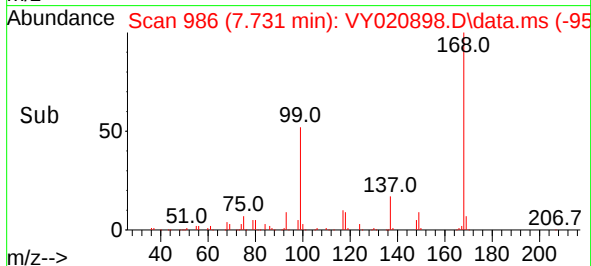
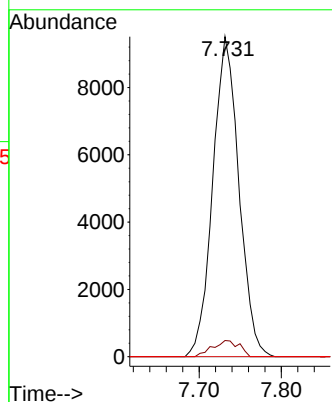
Tgt Ion:117 Resp: 20994

Ion Ratio Lower Upper

117 100

119 5.0 76.5 114.7#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 52.445 ug/l

RT: 10.127 min Scan# 1379

Delta R.T. -0.006 min

Lab File: VY020898.D

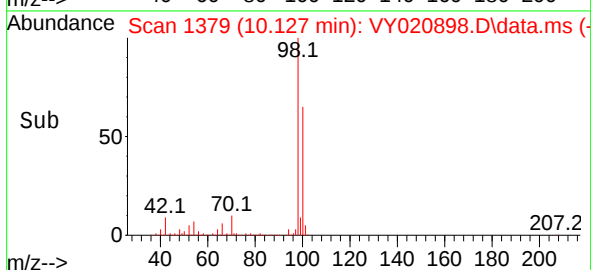
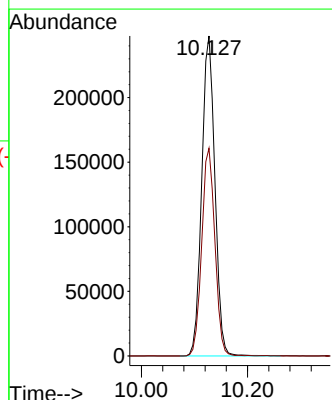
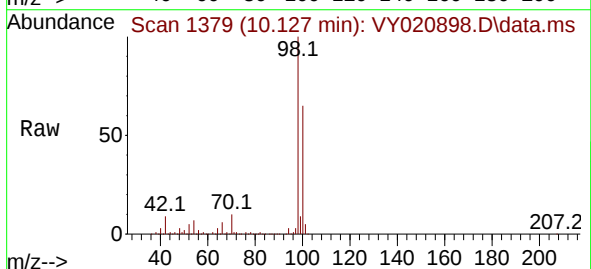
Acq: 22 Jan 2025 13:45

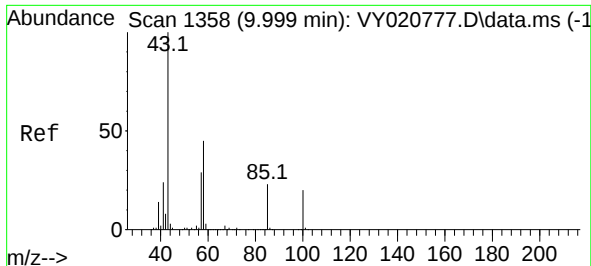
Tgt Ion: 98 Resp: 426723

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 1.066 ug/l

RT: 10.024 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

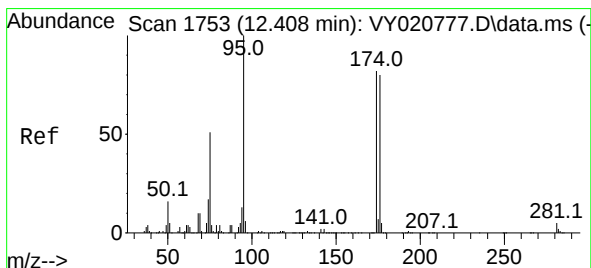
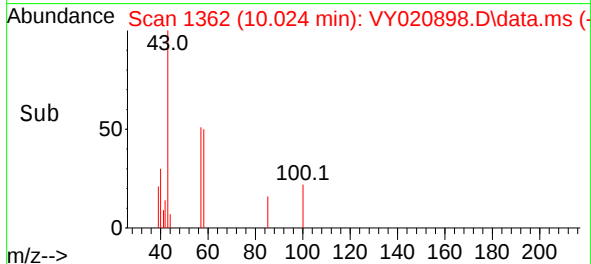
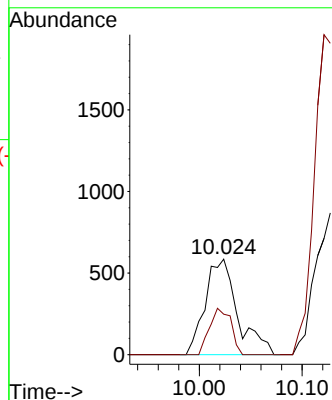
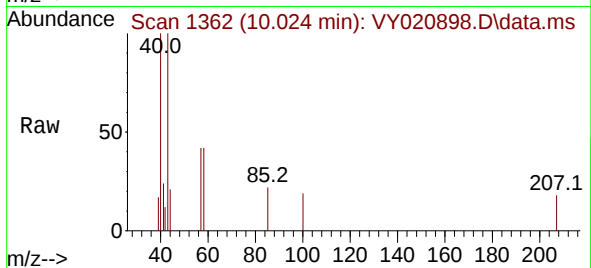
ClientSampleId :

Tgt Ion: 43 Resp: 1283

Ion Ratio Lower Upper

43 100

58 32.0 34.8 52.2#



#62

4-Bromofluorobenzene

Concen: 38.722 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

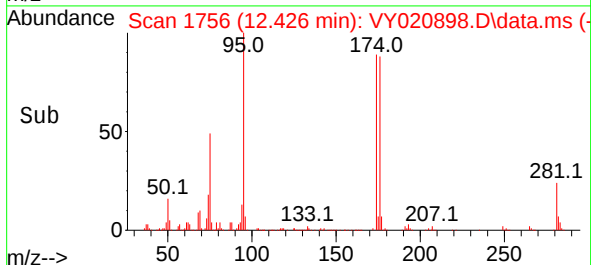
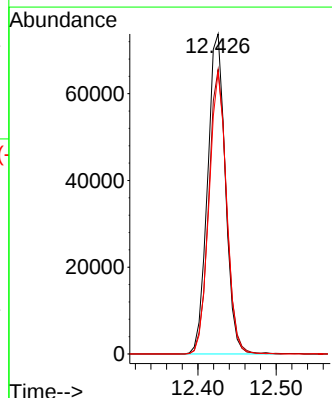
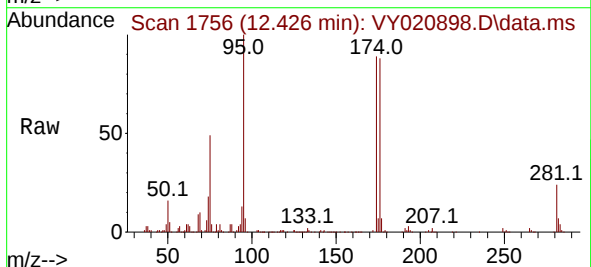
Tgt Ion: 95 Resp: 116347

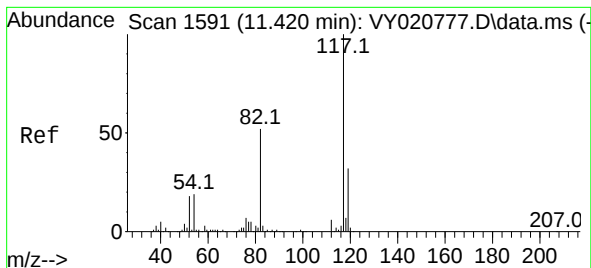
Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.0

176 86.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. -0.006 min MSVOA_Y

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

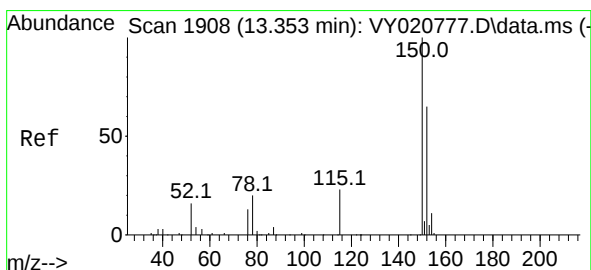
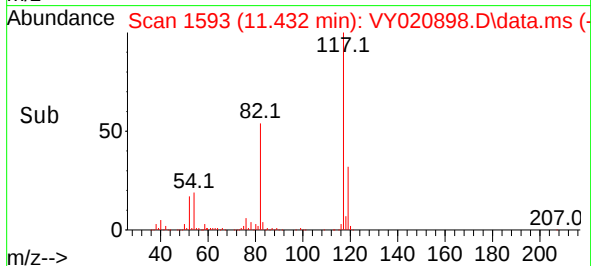
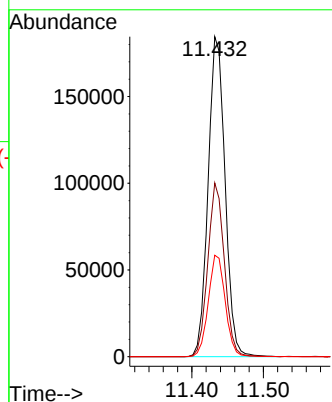
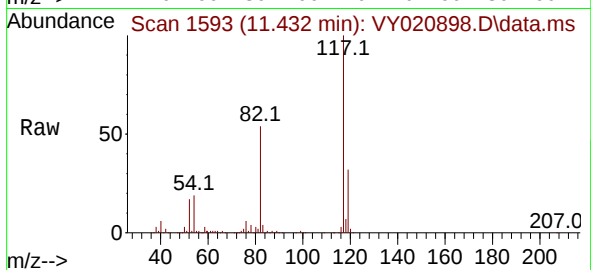
Tgt Ion:117 Resp: 303730

Ion Ratio Lower Upper

117 100

82 54.3 41.8 62.6

119 31.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

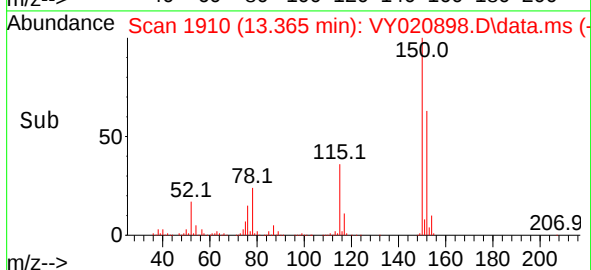
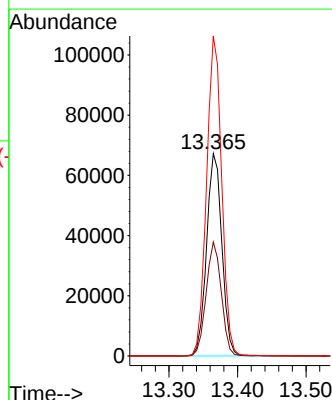
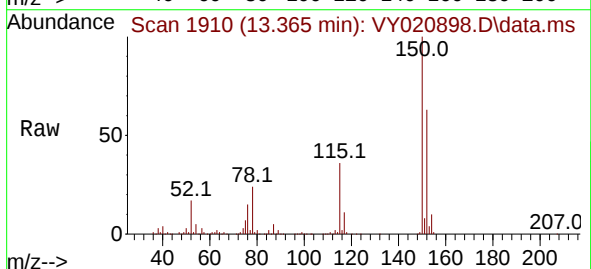
Tgt Ion:152 Resp: 104718

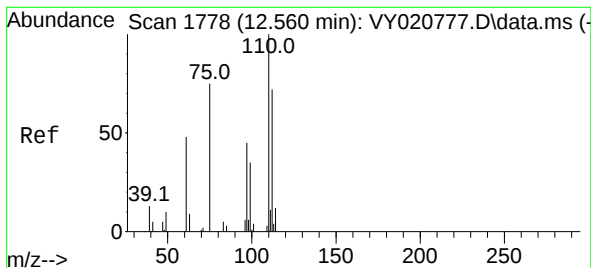
Ion Ratio Lower Upper

152 100

115 55.7 29.0 87.0

150 156.0 0.0 347.4

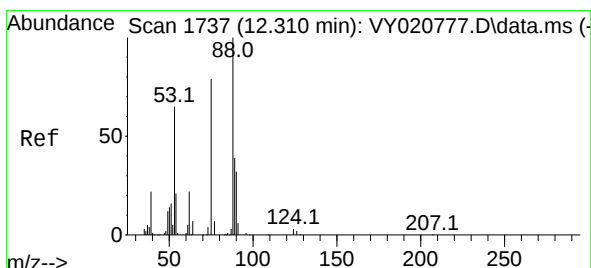
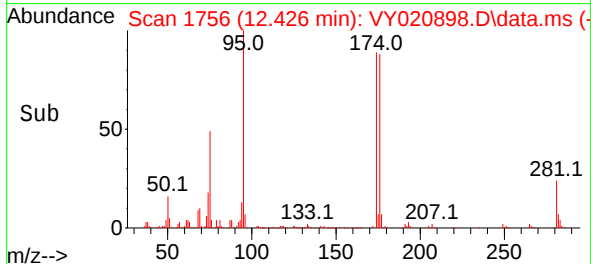
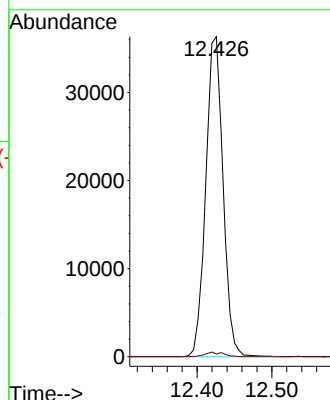
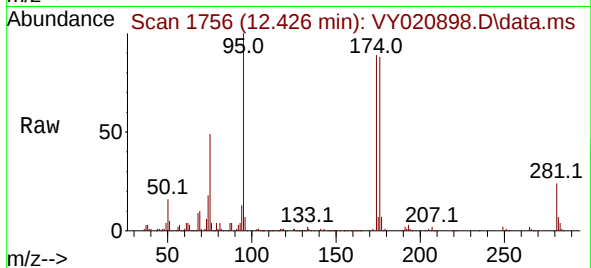




#76
1,2,3-Trichloropropane
Concen: 63.576 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. -0.152 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58252
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.052 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.098 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

Tgt Ion: 75 Resp: 58252
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.4 39.6 59.4#

