

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020891.D
 Acq On : 22 Jan 2025 09:42
 Operator : SY/MD
 Sample : VY0122SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:42:19 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	7.738	168	185825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.640	114	303259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.438	117	262147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.371	152	94515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.091	65	101280	64.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.240%
35) Dibromofluoromethane	7.664	113	98408	51.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.134	98	352400	53.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.426	95	104864	42.875	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.760%

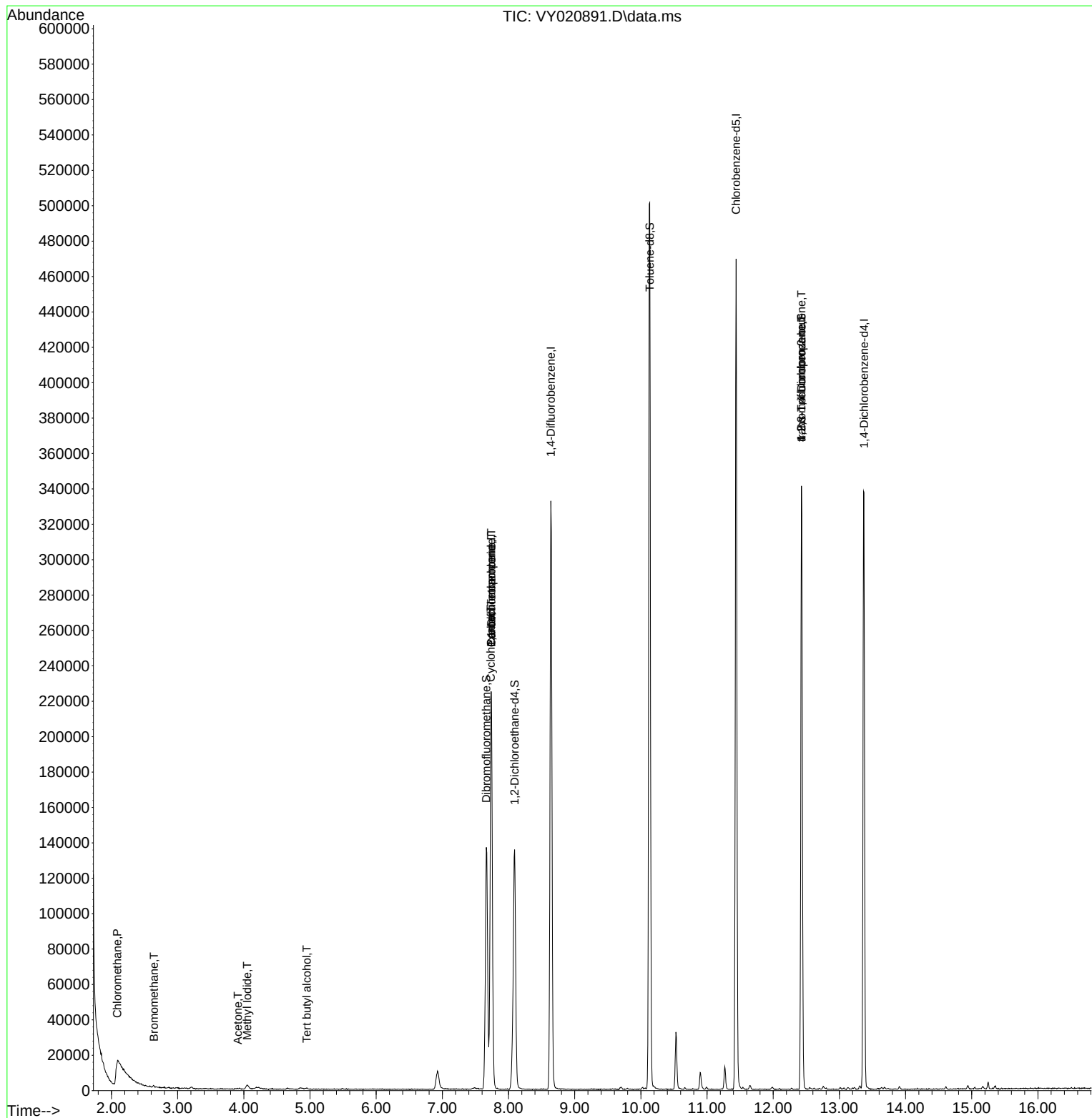
Target Compounds					Qvalue	
3) Chloromethane	2.086	50	1657	2.308	ug/l #	41
5) Bromomethane	2.641	94	596	1.048	ug/l #	67
10) Methyl Iodide	4.049	142	4444	2.506	ug/l #	90
11) Tert butyl alcohol	4.952	59	217	1.818	ug/l #	73
16) Acetone	3.909	43	577	2.569	ug/l	89
31) Cyclohexane	7.731	56	3262	1.419	ug/l #	25
36) 1,1-Dichloropropene	7.738	75	12817	5.289	ug/l #	51
38) Carbon Tetrachloride	7.738	117	17754	5.263	ug/l #	17
76) 1,2,3-Trichloropropane	12.426	75	52496	63.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.426	75	52496	133.847	ug/l #	14

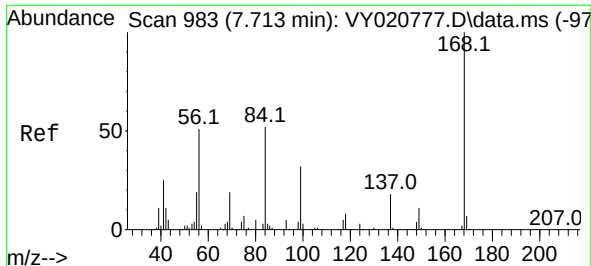
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY012225\
Data File : VY020891.D
Acq On : 22 Jan 2025 09:42
Operator : SY/MD
Sample : VY0122SBL01
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Jan 23 00:42:19 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

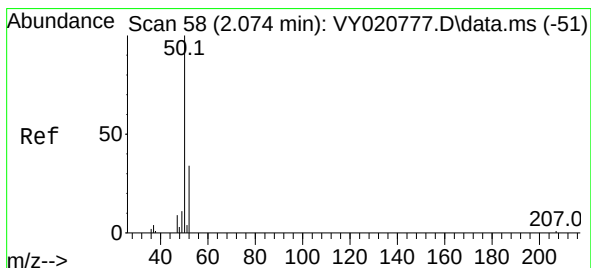
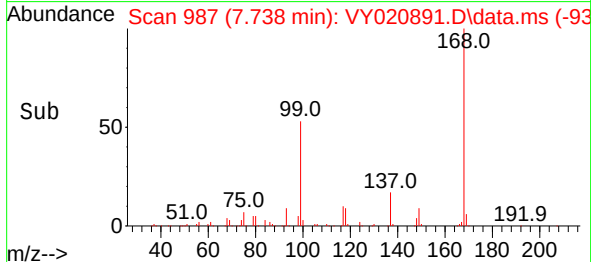
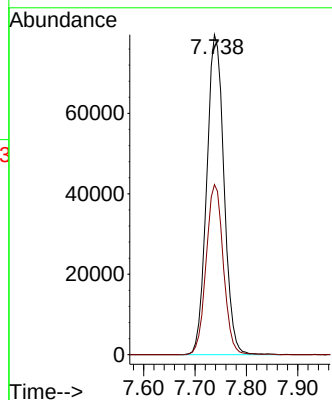
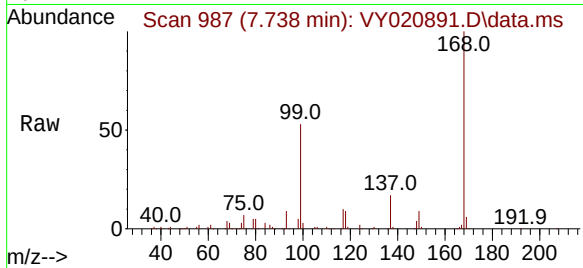




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.738 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

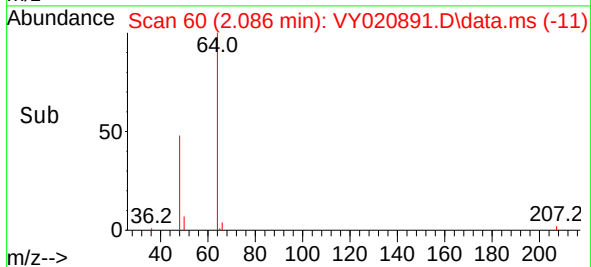
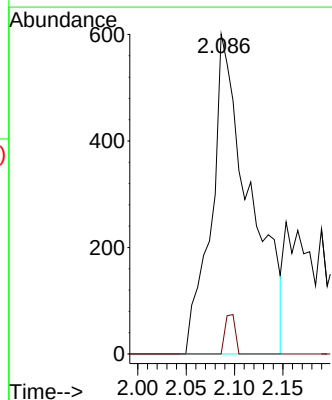
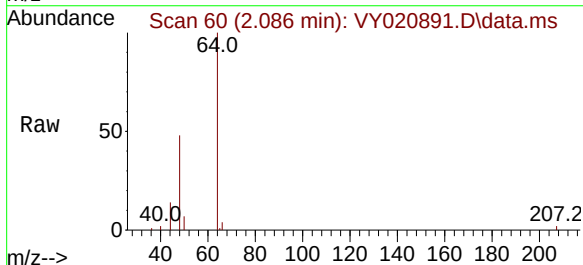
Instrument :
MSVOA_Y
ClientSampleId :

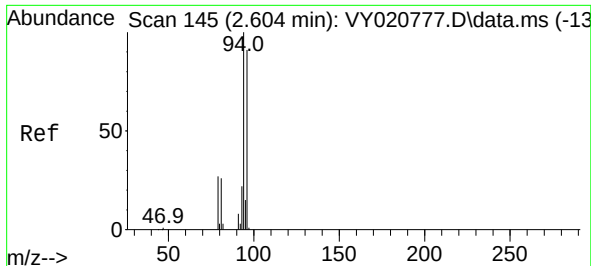
Tgt Ion:168 Resp: 185825
Ion Ratio Lower Upper
168 100
99 53.2 44.3 66.5



#3
Chloromethane
Concen: 2.308 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.000 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

Tgt Ion: 50 Resp: 1657
Ion Ratio Lower Upper
50 100
52 0.0 27.3 40.9#

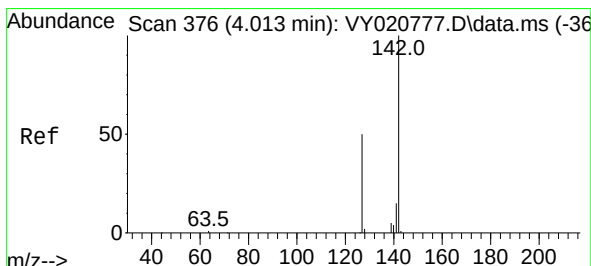
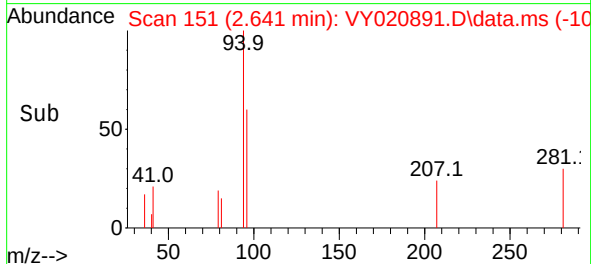
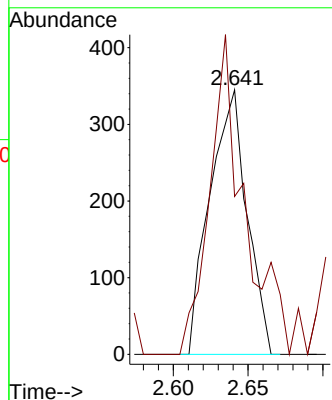
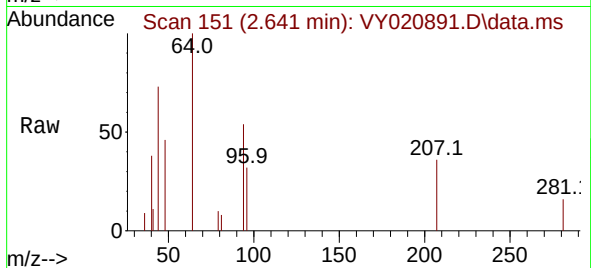




#5
Bromomethane
Concen: 1.048 ug/l
RT: 2.641 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

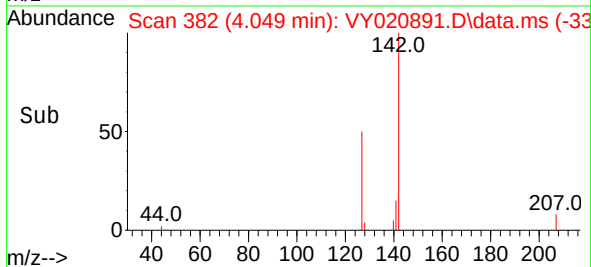
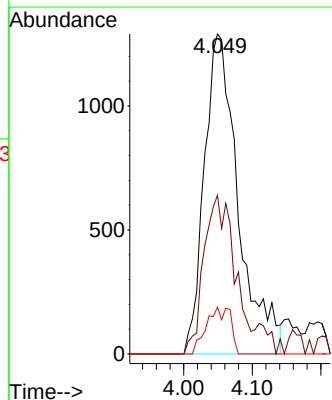
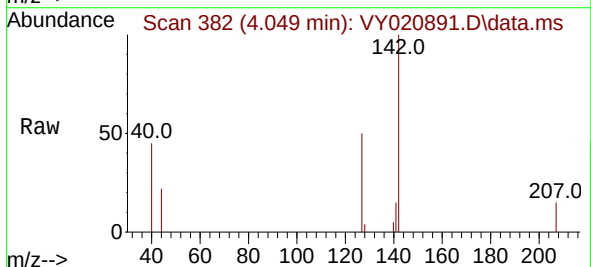
Instrument :
MSVOA_Y
ClientSampleId :

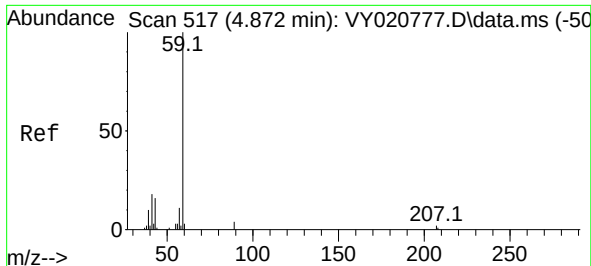
Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 59.7 72.6 109.0#



#10
Methyl Iodide
Concen: 2.506 ug/l
RT: 4.049 min Scan# 382
Delta R.T. 0.006 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

Tgt Ion:142 Resp: 4444
Ion Ratio Lower Upper
142 100
127 44.3 41.0 61.6
141 10.4 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.818 ug/l

RT: 4.952 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Instrument :

MSVOA_Y

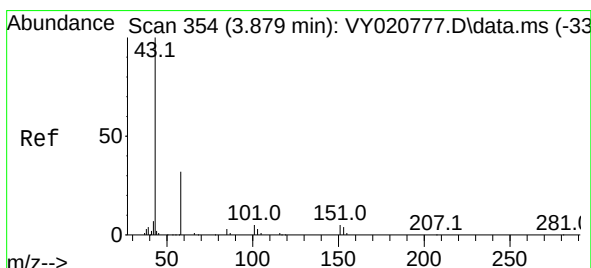
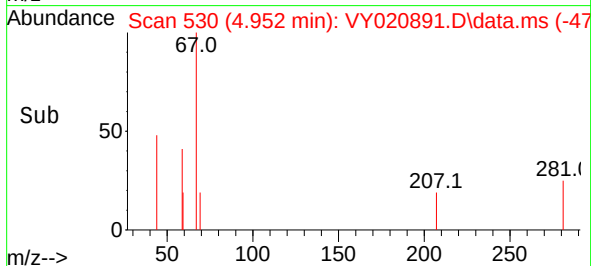
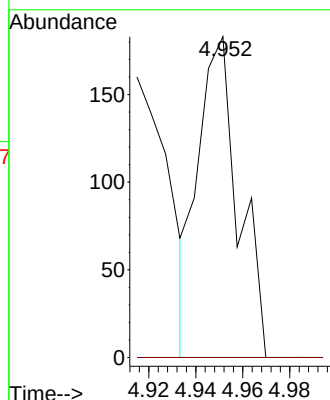
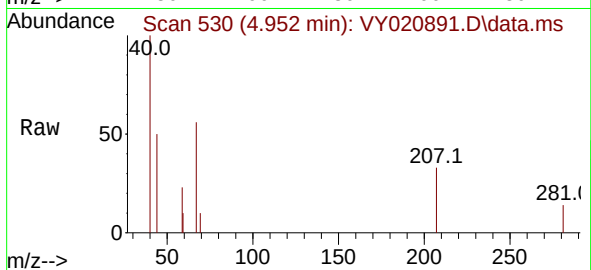
ClientSampleId :

Tgt Ion: 59 Resp: 217

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.569 ug/l

RT: 3.909 min Scan# 359

Delta R.T. -0.006 min

Lab File: VY020891.D

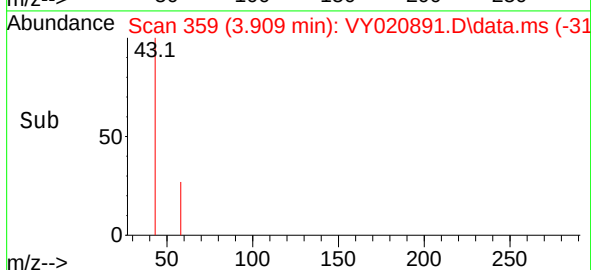
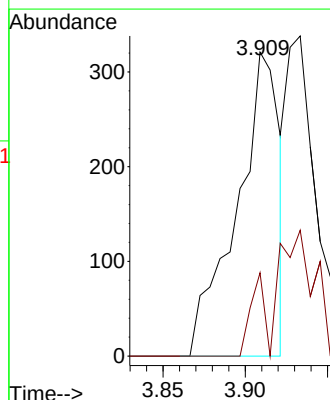
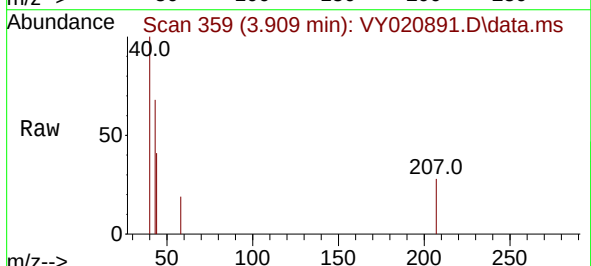
Acq: 22 Jan 2025 09:42

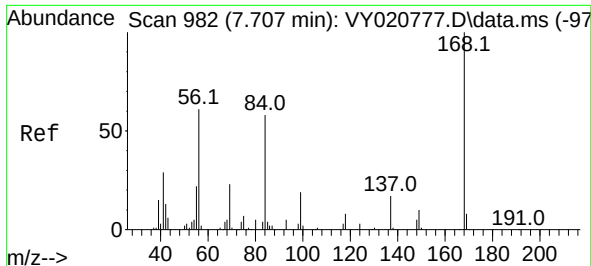
Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

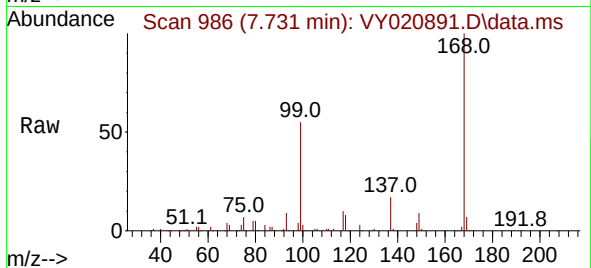
58 27.4 26.7 40.1



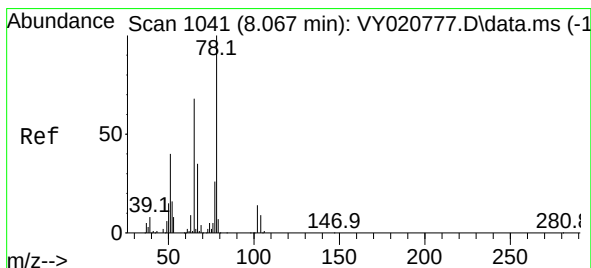
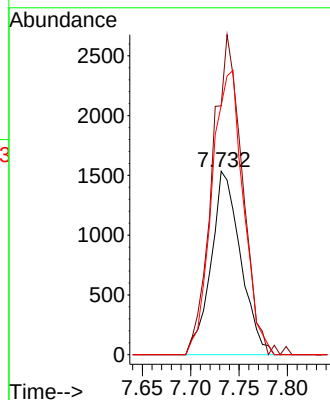
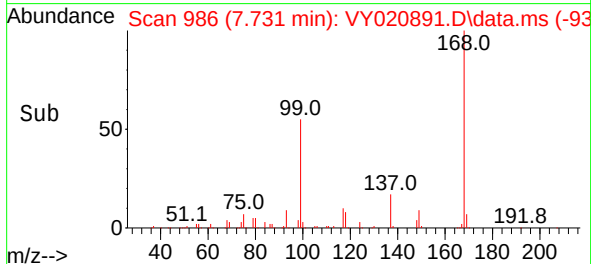


#31
Cyclohexane
Concen: 1.419 ug/l
RT: 7.731 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

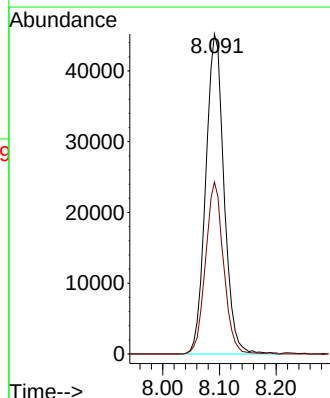
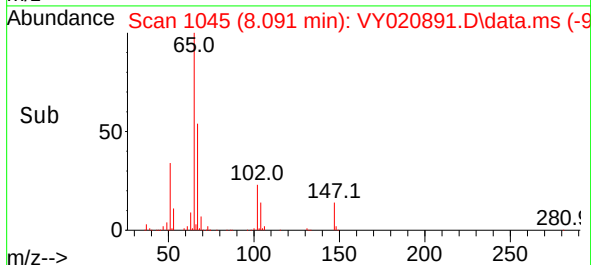
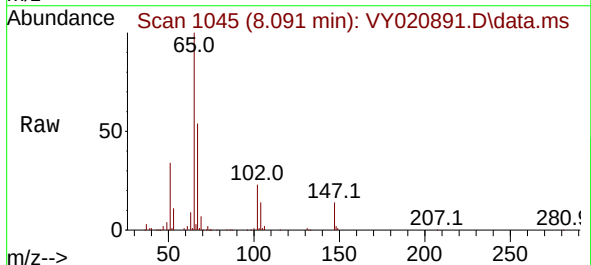


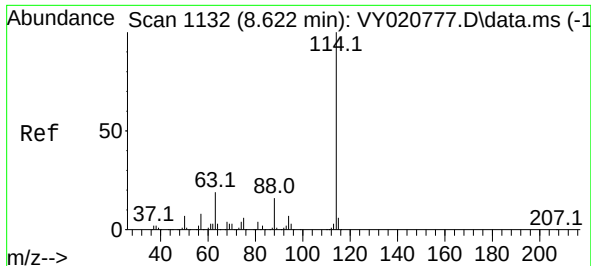
Tgt Ion: 56 Resp: 3262
Ion Ratio Lower Upper
56 100
69 135.7 30.5 45.7#
84 135.9 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 64.124 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

Tgt Ion: 65 Resp: 101280
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.640 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

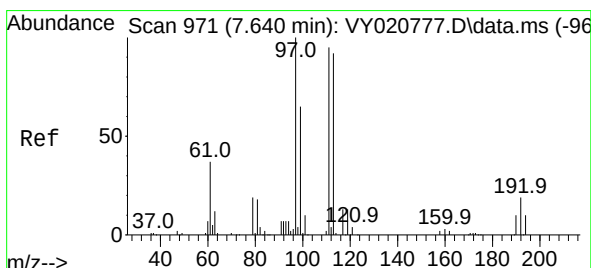
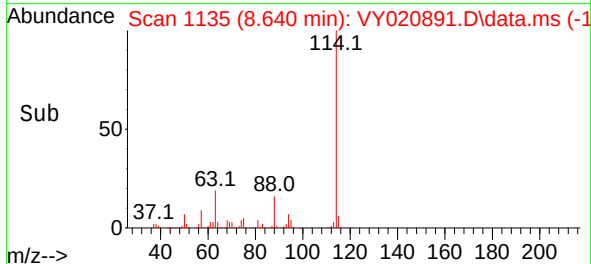
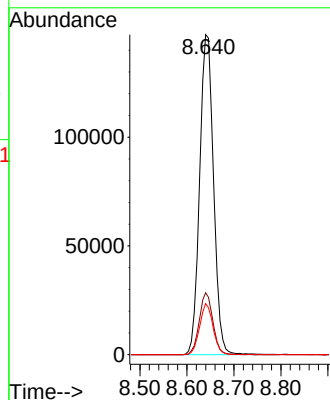
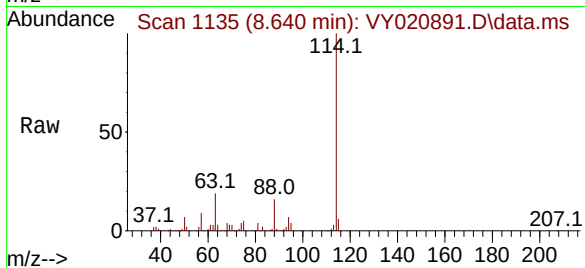
Tgt Ion:114 Resp: 303259

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 16.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.797 ug/l

RT: 7.664 min Scan# 975

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

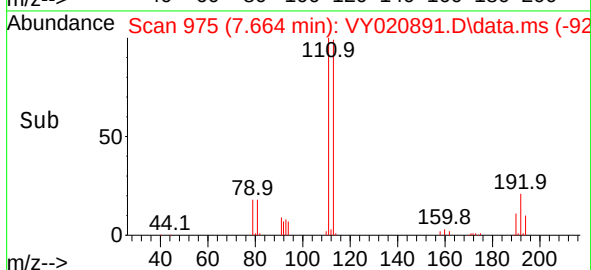
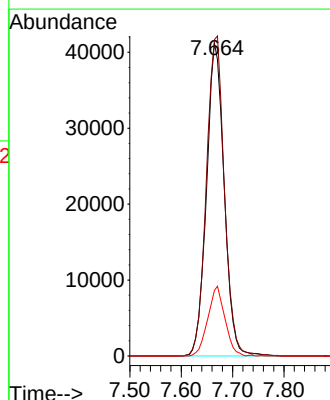
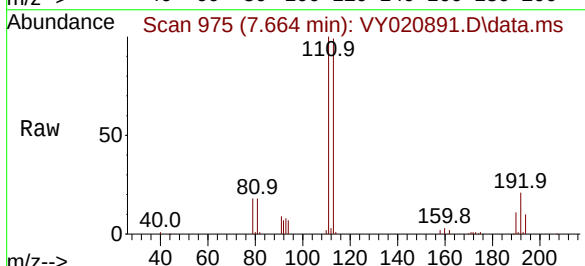
Tgt Ion:113 Resp: 98408

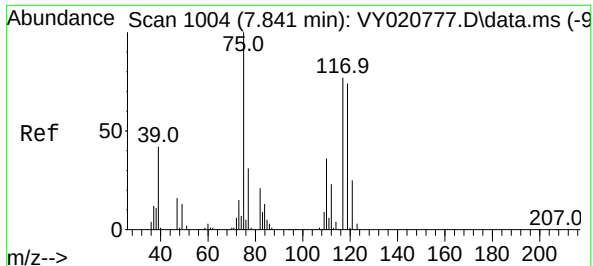
Ion Ratio Lower Upper

113 100

111 104.0 81.7 122.5

192 21.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.289 ug/l

RT: 7.738 min Scan# 987

Delta R.T. -0.128 min

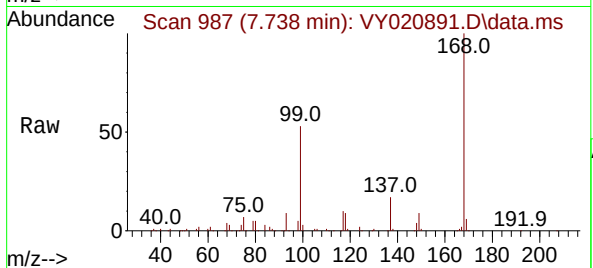
Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

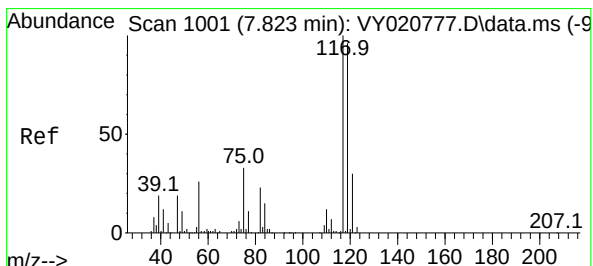
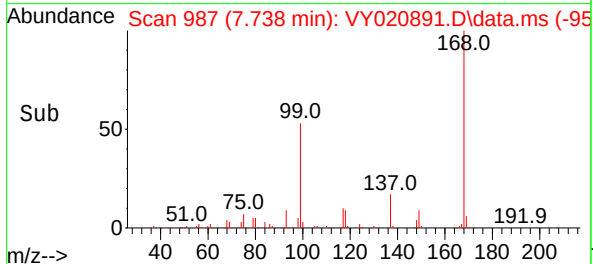
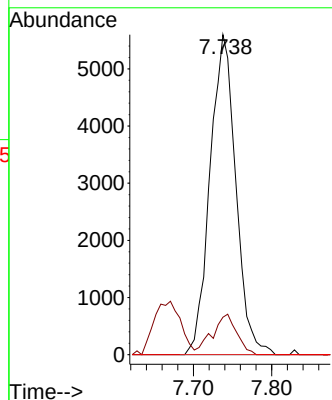
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 12817
Ion Ratio	Lower Upper
75	100
110	12.0 18.5 55.5#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.263 ug/l

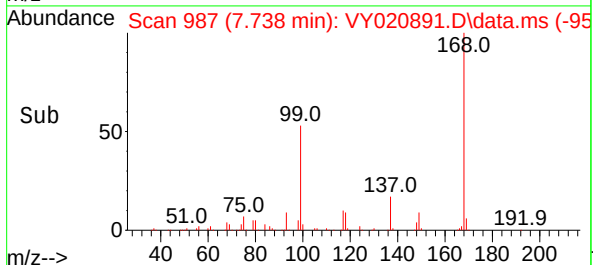
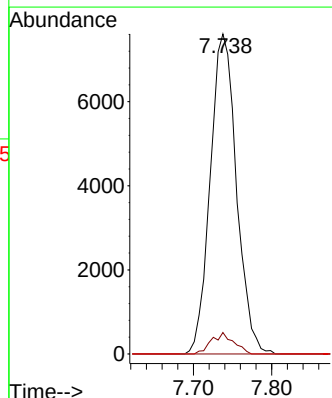
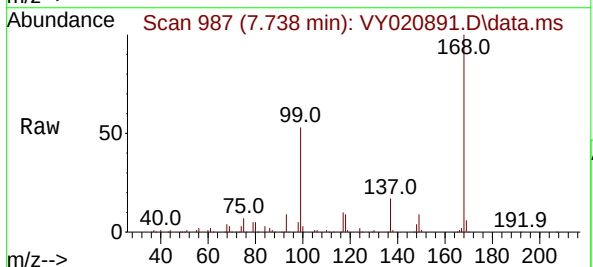
RT: 7.738 min Scan# 987

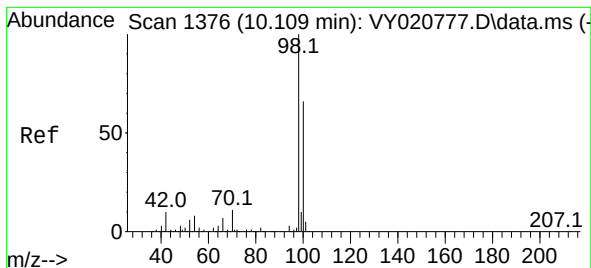
Delta R.T. -0.110 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Tgt Ion: 117	Resp: 17754
Ion Ratio	Lower Upper
117	100
119	6.7 76.5 114.7#
121	0.0 24.3 36.5#





#50

Toluene-d8

Concen: 53.208 ug/l

RT: 10.134 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Instrument :

MSVOA_Y

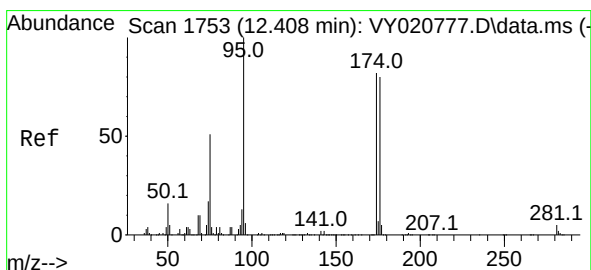
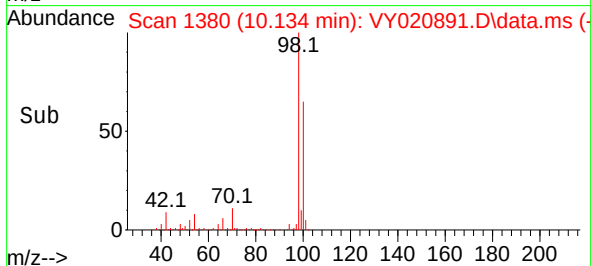
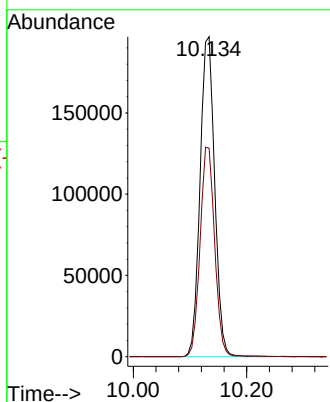
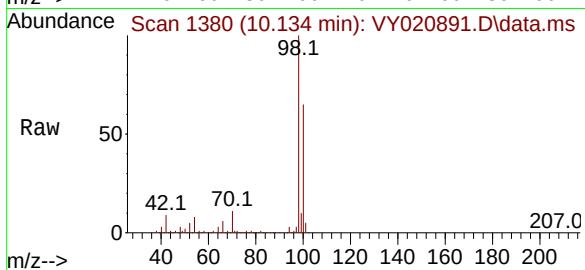
ClientSampleId :

Tgt Ion: 98 Resp: 352400

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 42.875 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

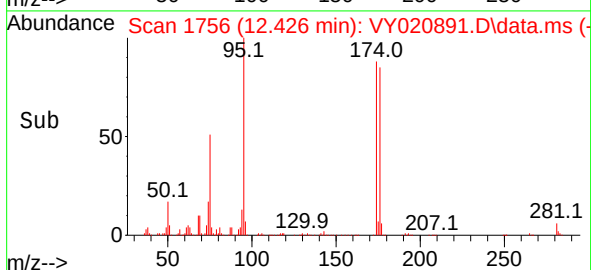
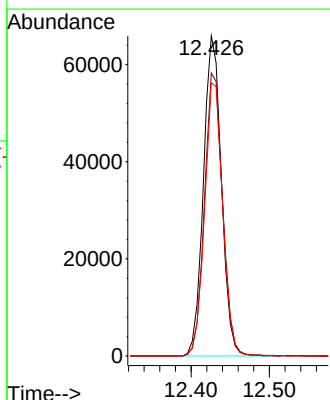
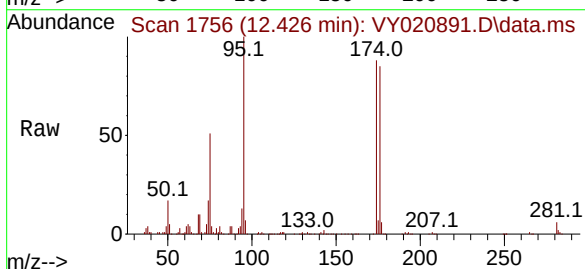
Tgt Ion: 95 Resp: 104864

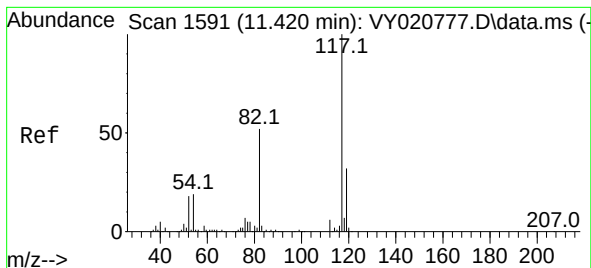
Ion Ratio Lower Upper

95 100

174 88.9 0.0 178.0

176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.438 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

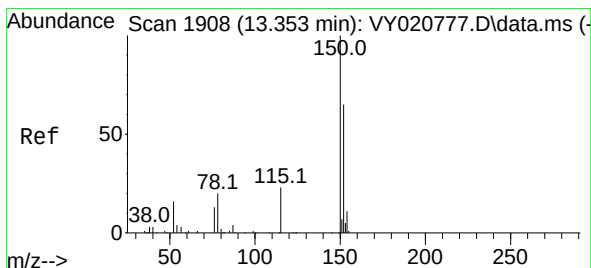
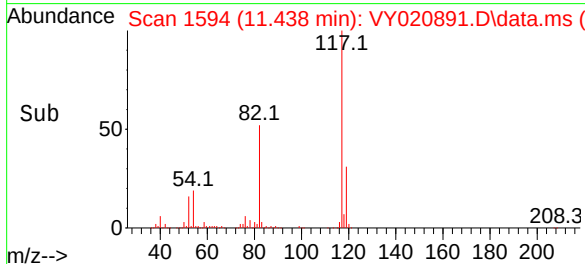
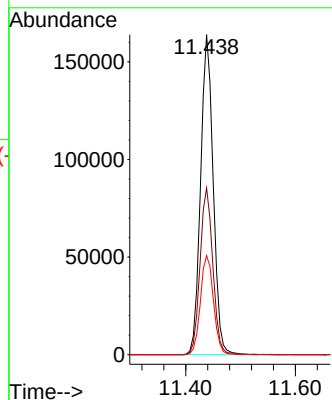
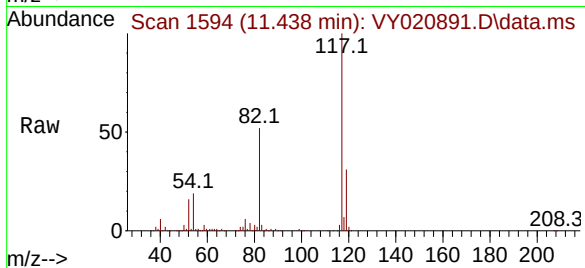
Tgt Ion:117 Resp: 262147

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

119 30.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

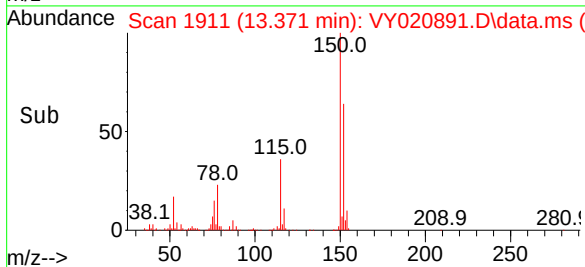
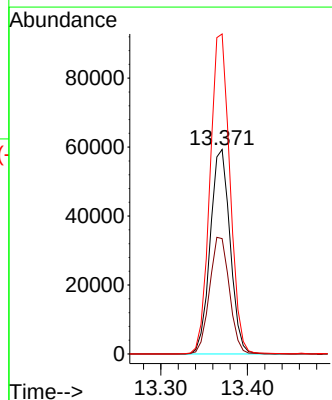
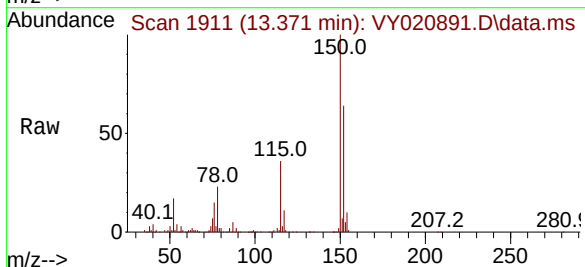
Tgt Ion:152 Resp: 94515

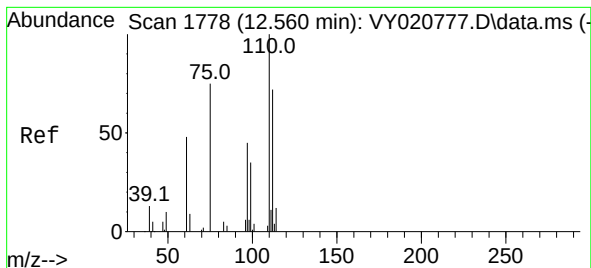
Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 156.9 0.0 347.4

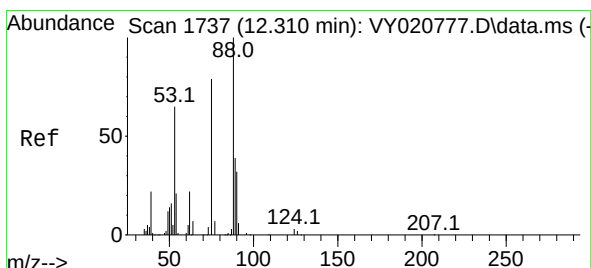
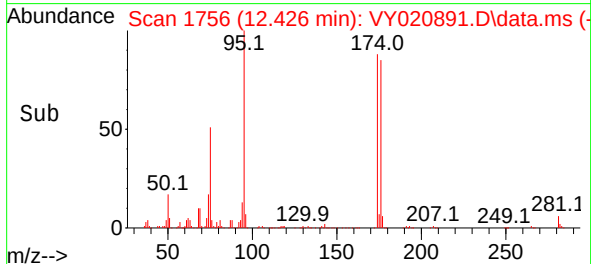
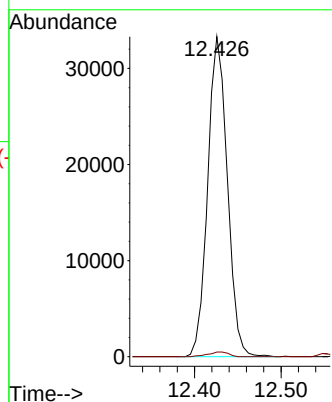
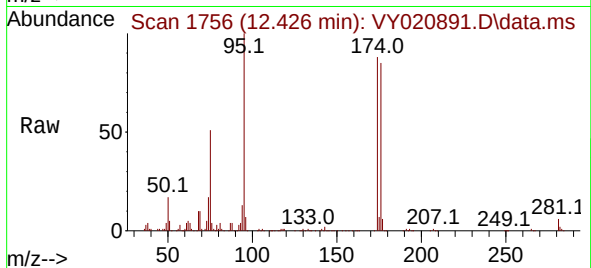




#76
1,2,3-Trichloropropane
Concen: 63.479 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. -0.152 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52496
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.847 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.098 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

Tgt Ion: 75 Resp: 52496
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.1 39.6 59.4#

