

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 :
 VY0122SBL01

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%

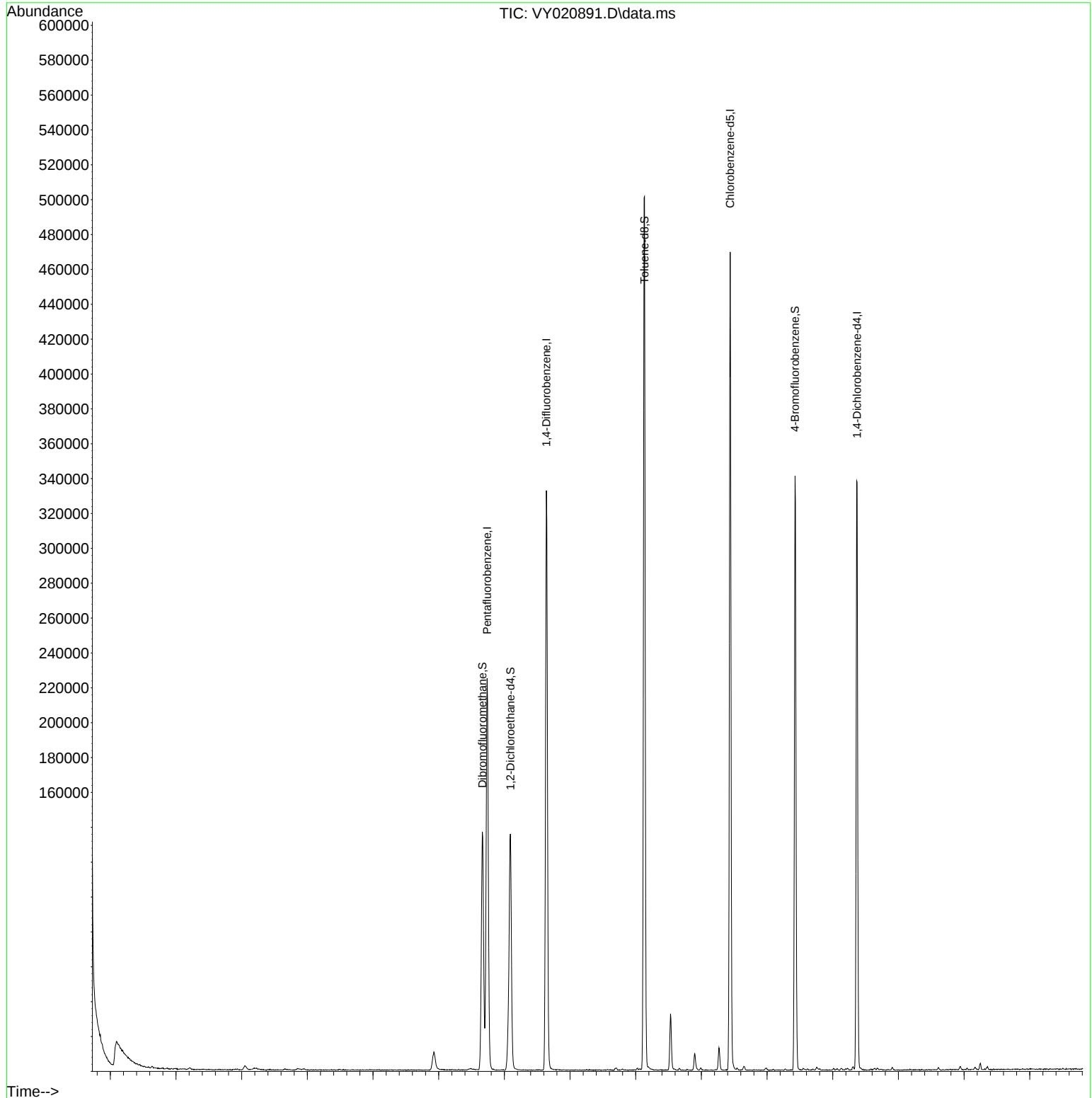
Target Compounds Qvalue

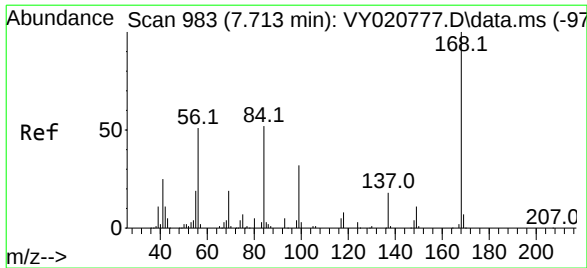
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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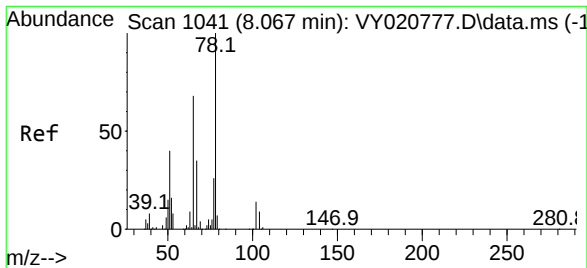
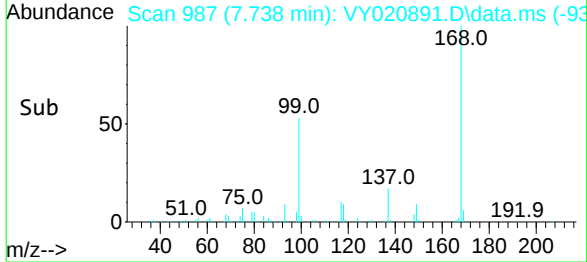
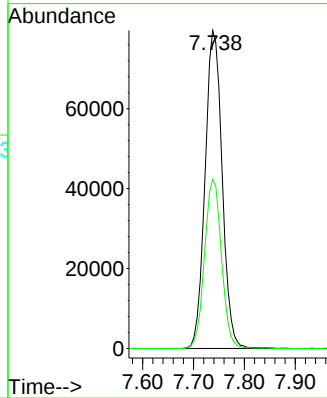
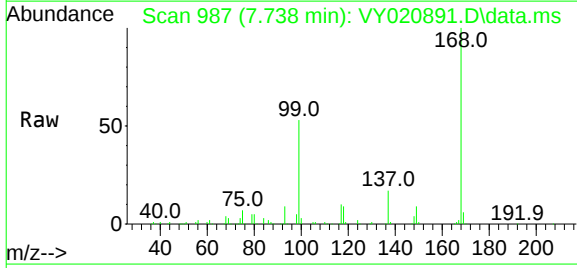




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.738 min Scan# 98
Delta R.T. 0.001 min
Lab File: VY020891.D
Acq: 22 Jan 2025 09:42

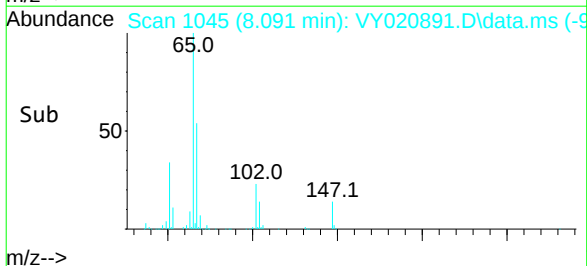
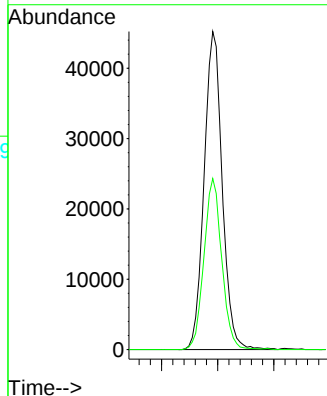
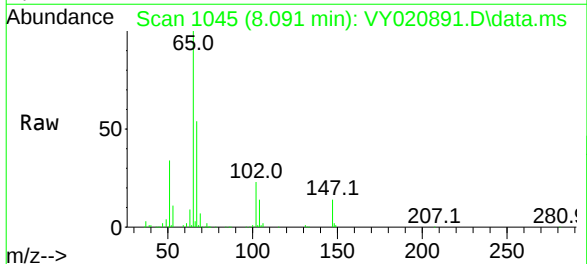
Instrument :
MSVOA_Y
ClientSampleId :
VY0122SBL01

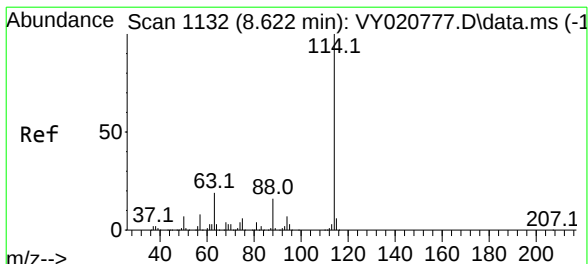
Tgt Ion:168 Resp: 185825
Ion Ratio Lower Upper
168 100
99 53.2 44.3 66.5



#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

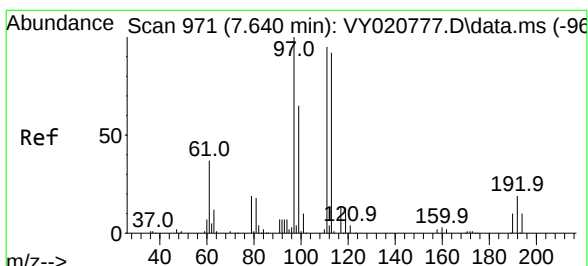
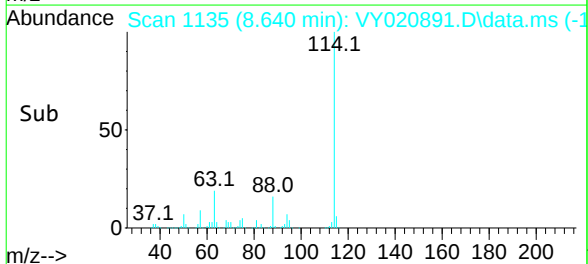
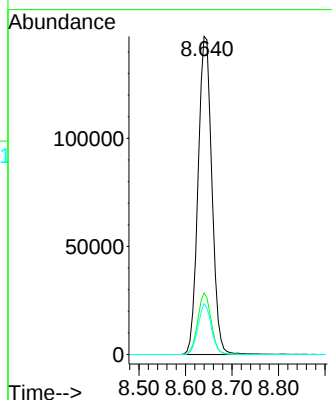
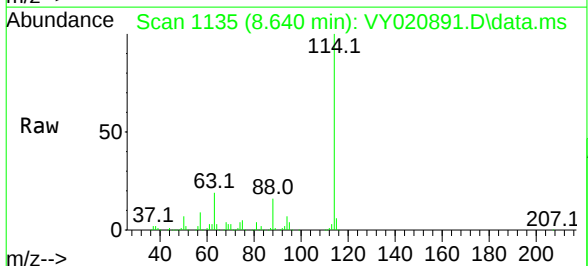




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.640 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020891.D
 Acq: 22 Jan 2025 09:42

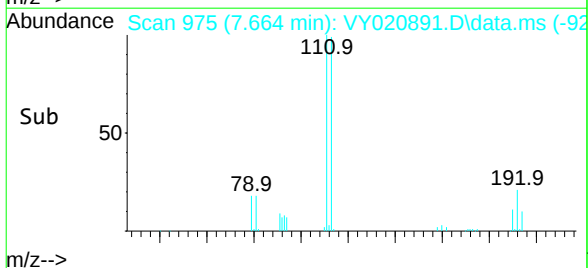
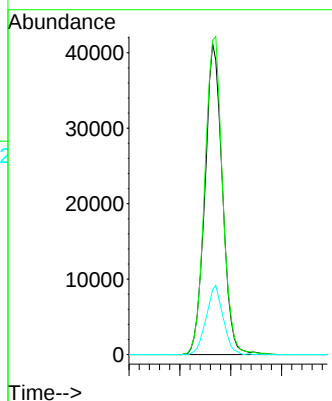
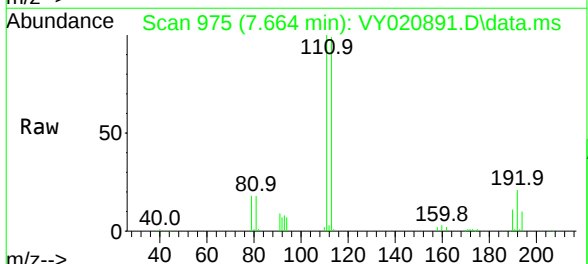
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBL01

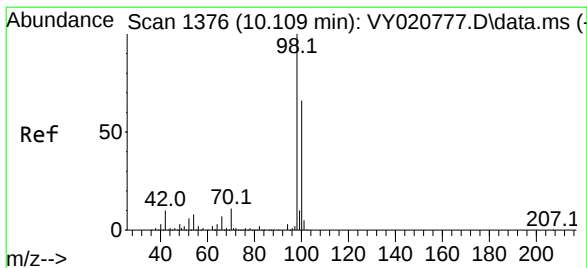
Tgt Ion:	114	Resp:	303259
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	16.0	0.0	31.2



#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





#50

Toluene-d8

Concen: 53.208 ug/l

RT: 10.134 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

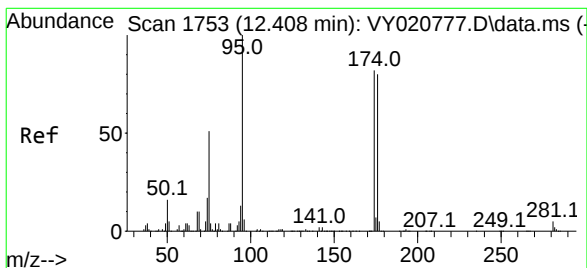
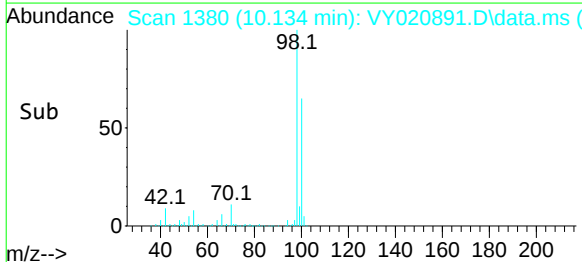
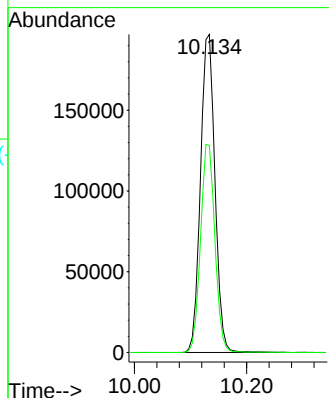
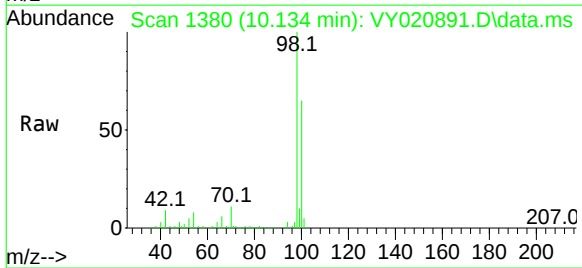
VY0122SBL01

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

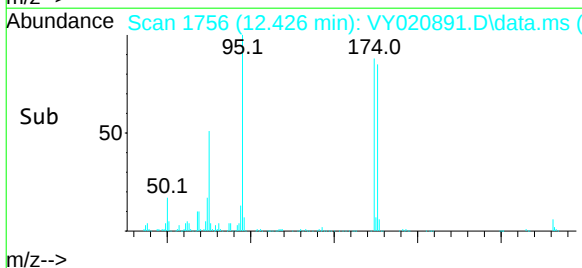
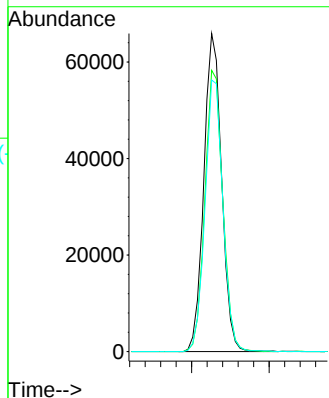
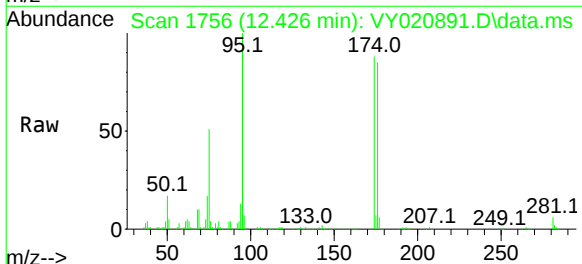
Tgt Ion: 95 Resp: 104864

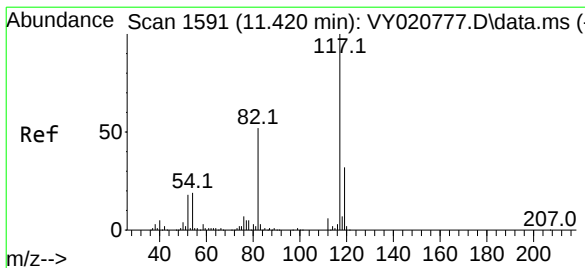
Ion Ratio Lower Upper

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# 15

Delta R.T. 0.000 min

Lab File: VY020891.D

Acq: 22 Jan 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0122SBL01

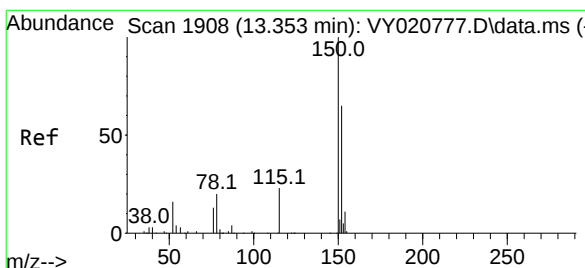
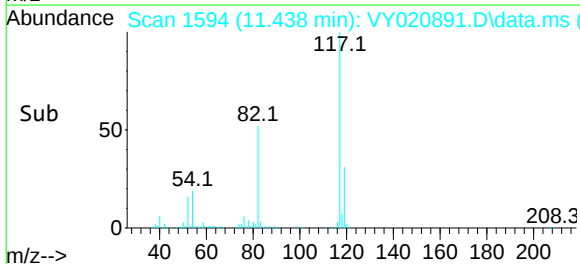
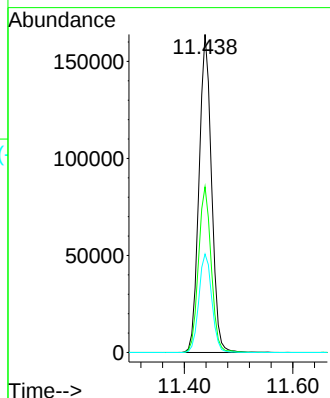
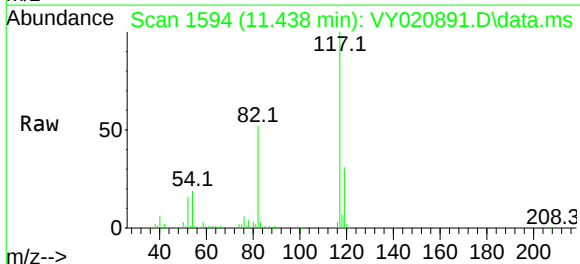
Tgt Ion:117 Resp: 262147

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

