

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021138.D
 Acq On : 07 Feb 2025 14:39
 Operator : SY/MD
 Sample : Q1290-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 08 02:41:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	11811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	17126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	12326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	2084	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	5416	44.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.520%
35) Dibromofluoromethane	7.640	113	5491	50.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.109	98	19177	45.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.408	95	3199	23.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.860%

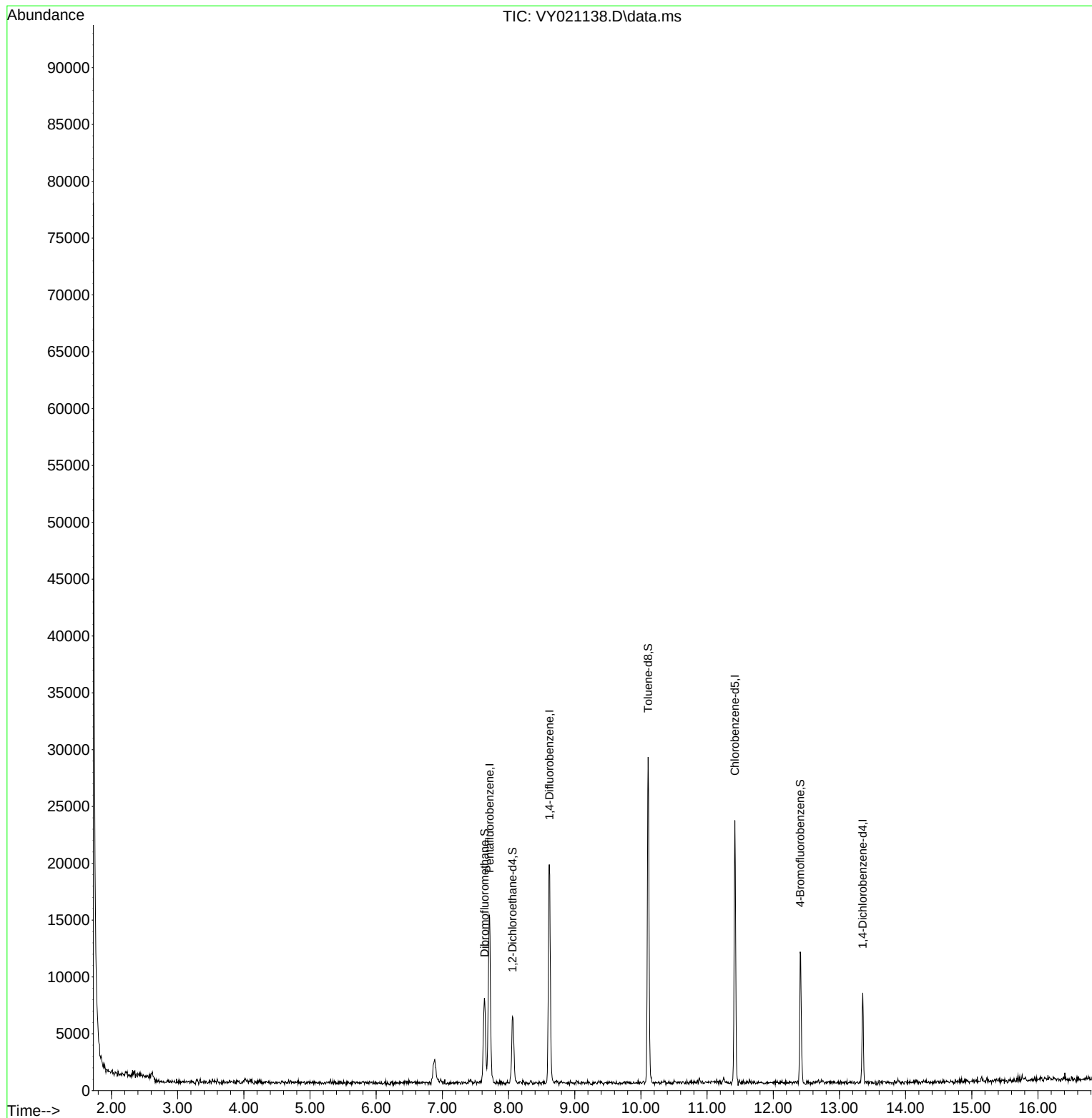
Target Compounds	Qvalue

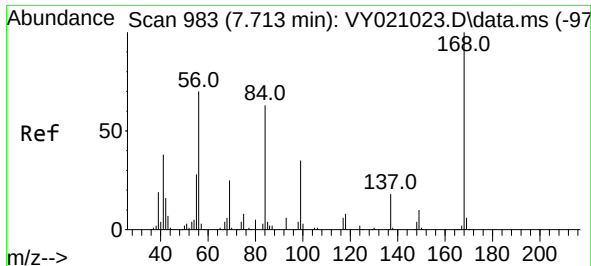
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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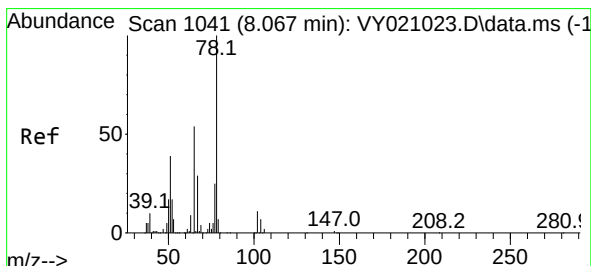
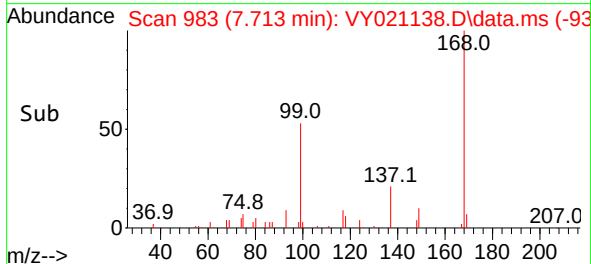
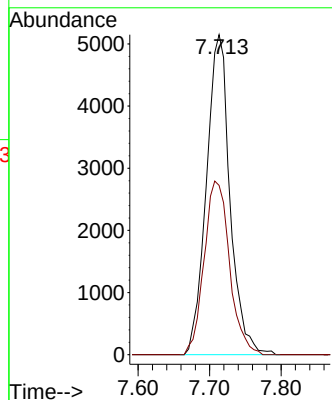
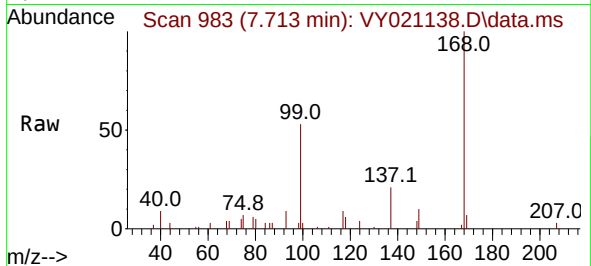




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021138.D
Acq: 07 Feb 2025 14:39

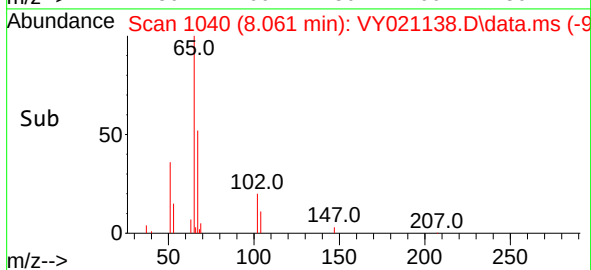
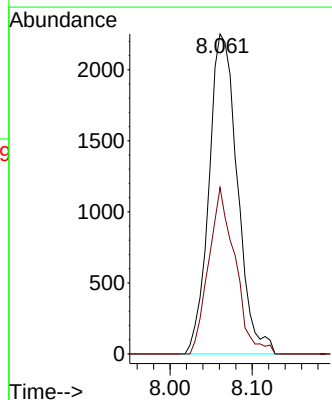
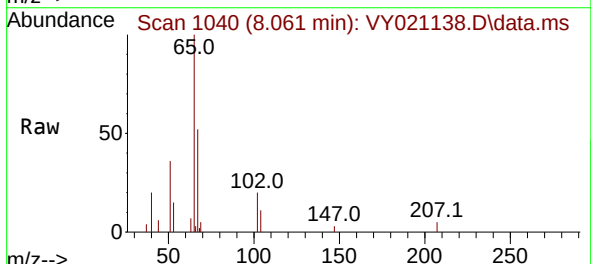
Instrument :
MSVOA_Y
ClientSampleId :
VOC

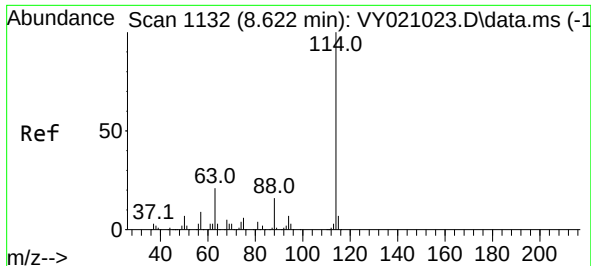
Tgt Ion:168 Resp: 11811
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 44.755 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021138.D
Acq: 07 Feb 2025 14:39

Tgt Ion: 65 Resp: 5416
Ion Ratio Lower Upper
65 100
67 48.4 0.0 109.0

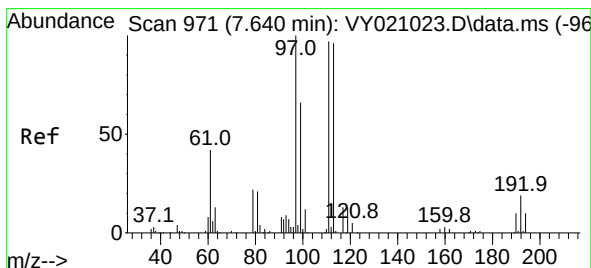
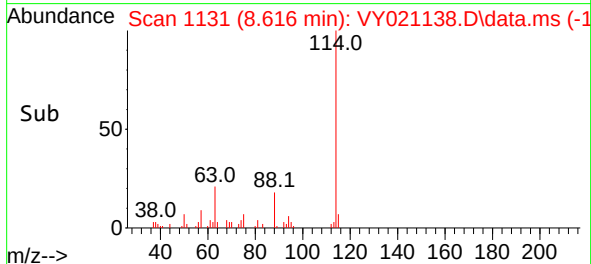
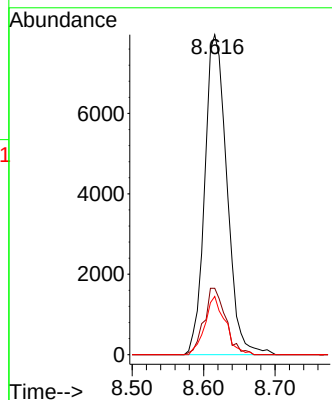
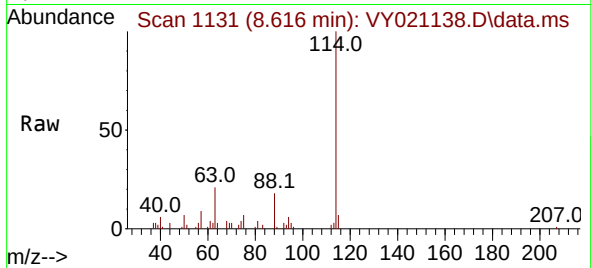




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021138.D
Acq: 07 Feb 2025 14:39

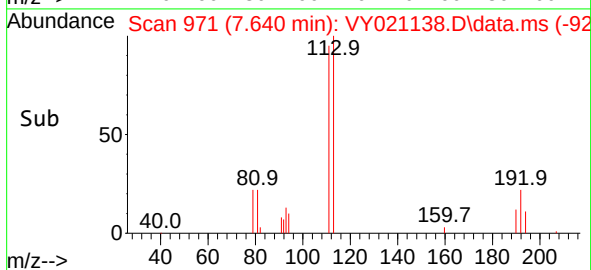
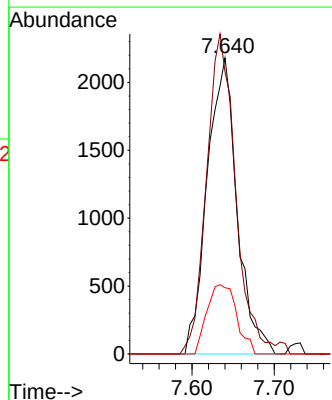
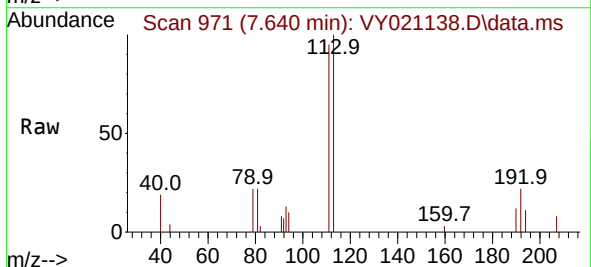
Instrument :
MSVOA_Y
ClientSampleId :
VOC

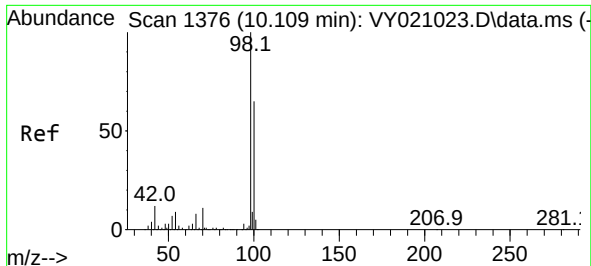
Tgt Ion:114 Resp: 17126
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 18.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.030 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021138.D
Acq: 07 Feb 2025 14:39

Tgt Ion:113 Resp: 5491
Ion Ratio Lower Upper
113 100
111 106.3 83.8 125.6
192 23.3 14.5 21.7#

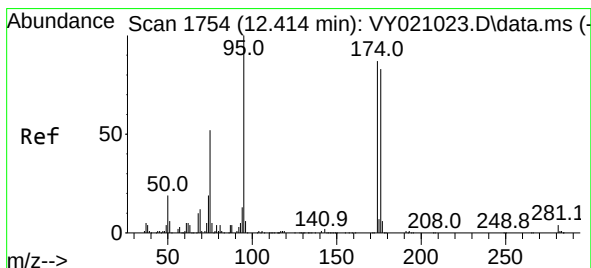
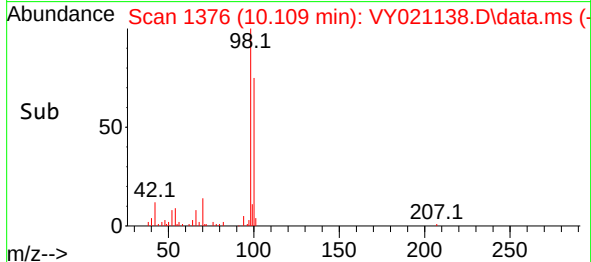
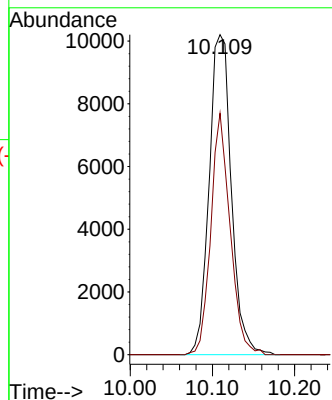
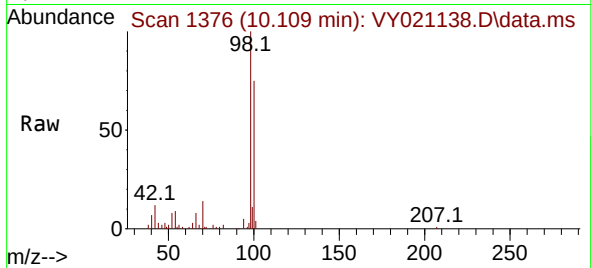




#50
Toluene-d8
Concen: 45.895 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021138.D
Acq: 07 Feb 2025 14:39

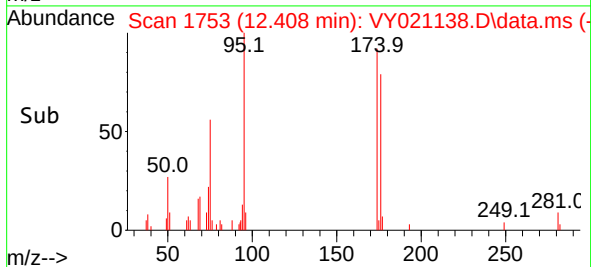
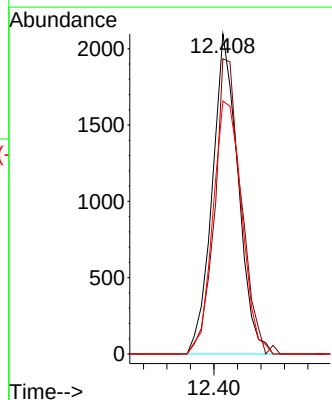
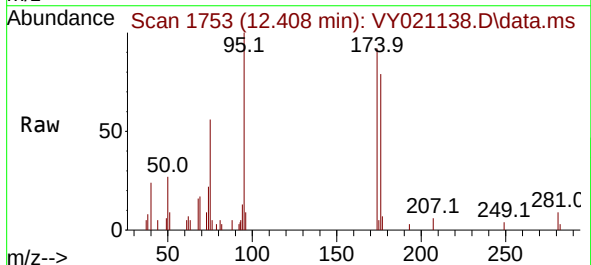
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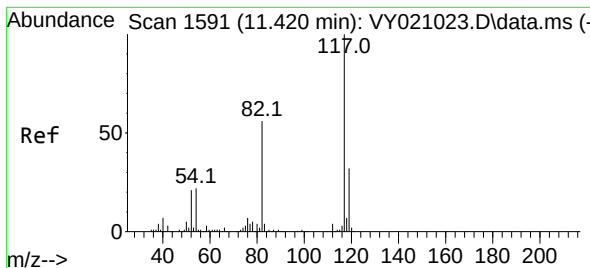
Tgt Ion: 98 Resp: 19177
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 23.435 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021138.D
Acq: 07 Feb 2025 14:39

Tgt Ion: 95 Resp: 3199
Ion Ratio Lower Upper
95 100
174 94.3 0.0 160.0
176 88.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021138.D

Acq: 07 Feb 2025 14:39

Instrument :

MSVOA_Y

ClientSampleId :

VOC

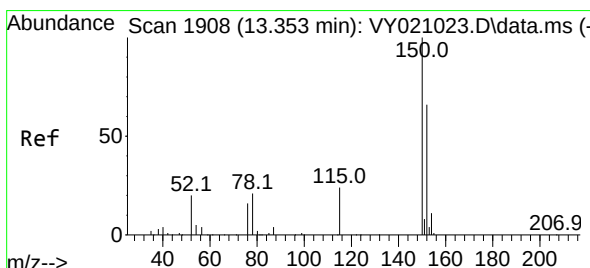
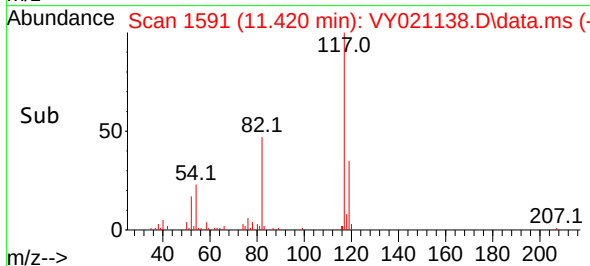
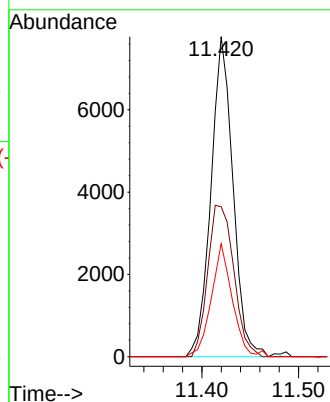
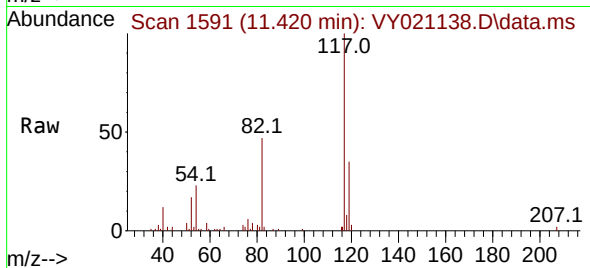
Tgt Ion:117 Resp: 12326

Ion Ratio Lower Upper

117 100

82 46.8 43.8 65.8

119 35.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021138.D

Acq: 07 Feb 2025 14:39

Tgt Ion:152 Resp: 2084

Ion Ratio Lower Upper

152 100

115 57.1 30.0 90.0

150 148.6 0.0 344.6

