

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021877.D
 Acq On : 14 Apr 2025 18:11
 Operator : SY/MD
 Sample : Q1788-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Apr 14 23:34:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	296453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	538809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	455046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	155551	48.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.634	113	175350	50.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.109	98	637006	47.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.407	95	179252	39.855	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.720%

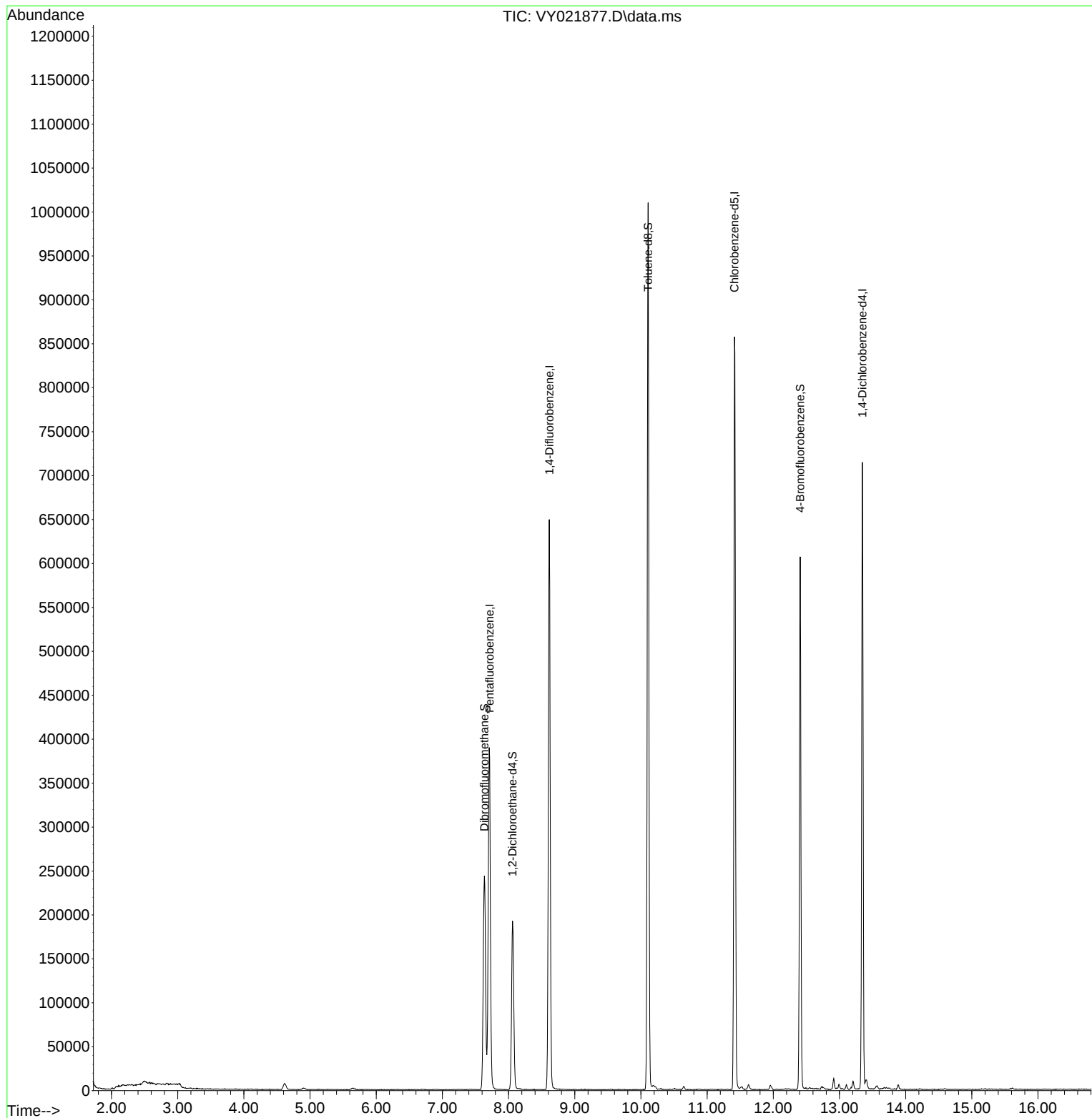
Target Compounds	Qvalue

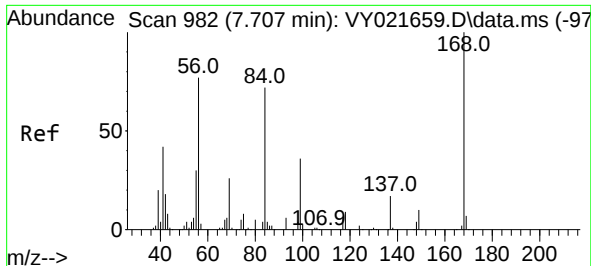
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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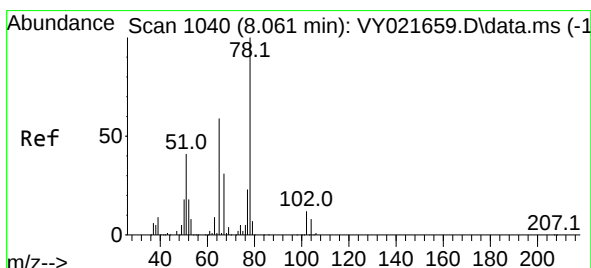
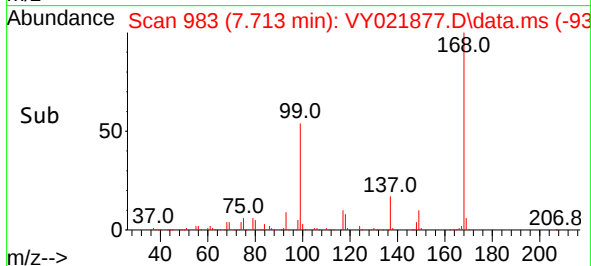
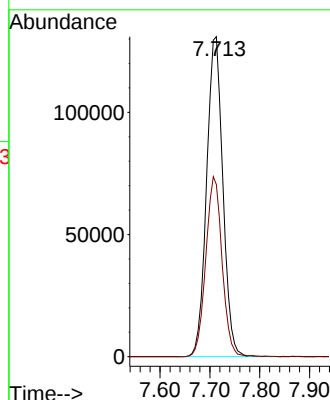
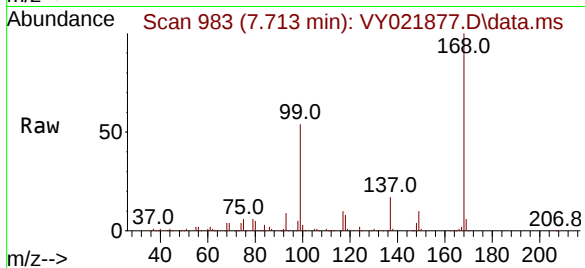




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

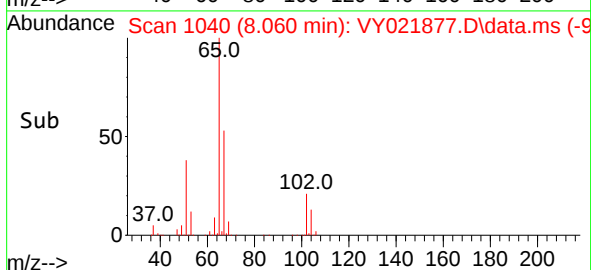
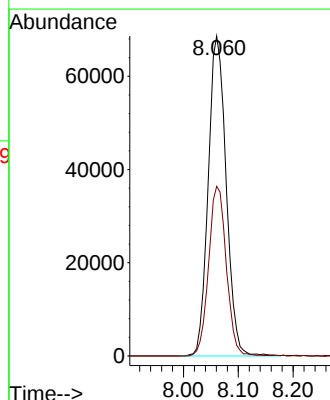
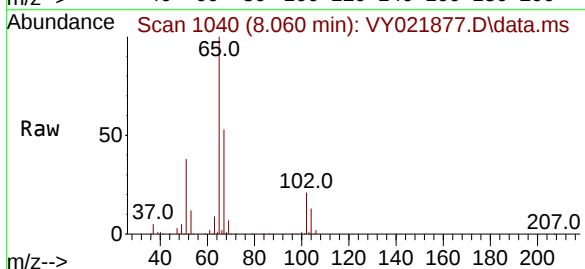
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

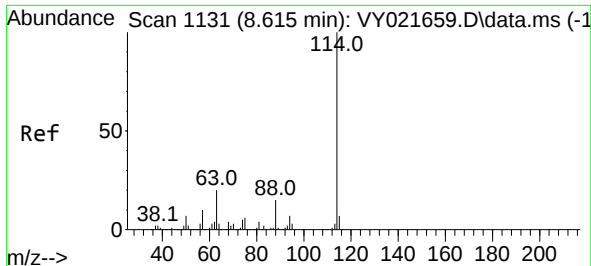
Tgt Ion:168 Resp: 296453
Ion Ratio Lower Upper
168 100
99 53.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 48.428 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 65 Resp: 155551
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021877.D

Acq: 14 Apr 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

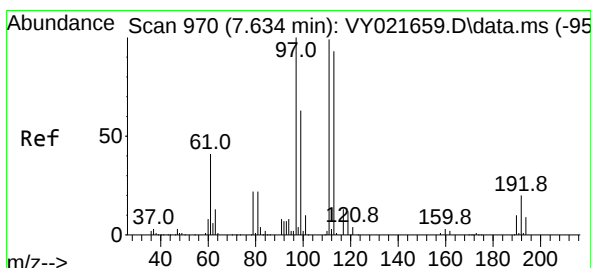
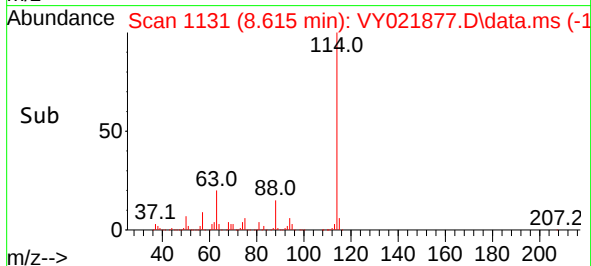
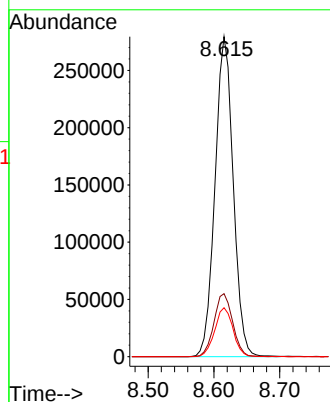
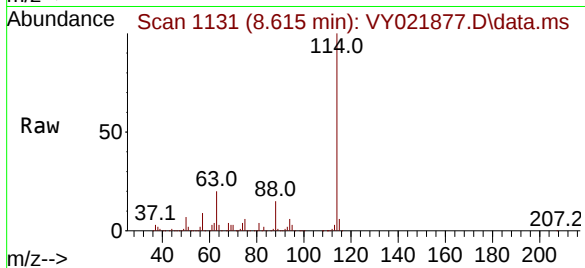
Tgt Ion:114 Resp: 538809

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 50.169 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021877.D

Acq: 14 Apr 2025 18:11

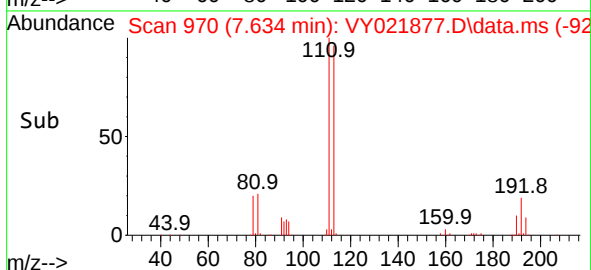
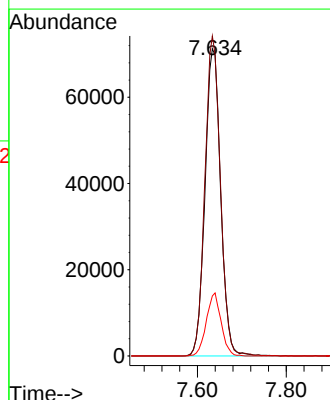
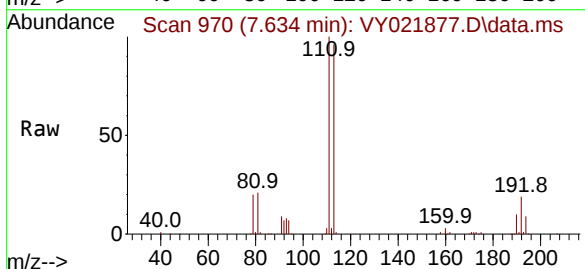
Tgt Ion:113 Resp: 175350

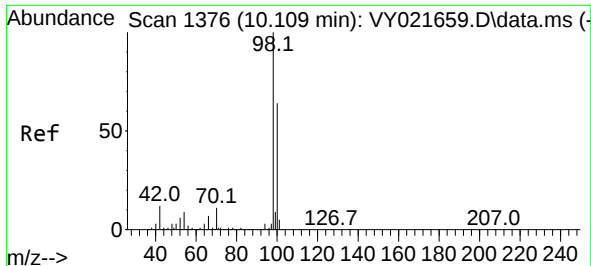
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.3 16.2 24.4

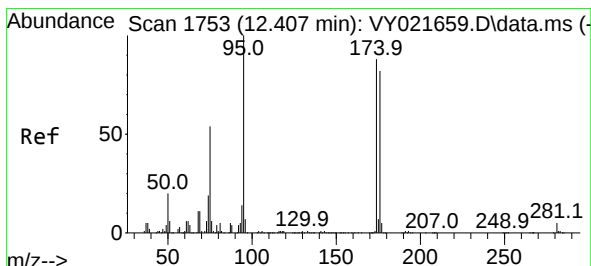
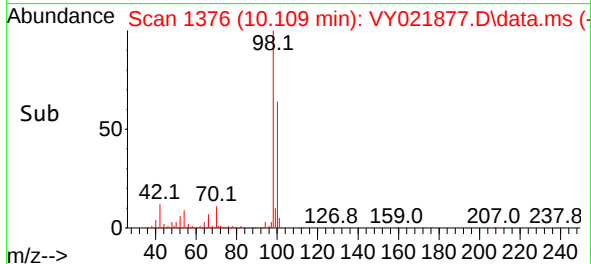
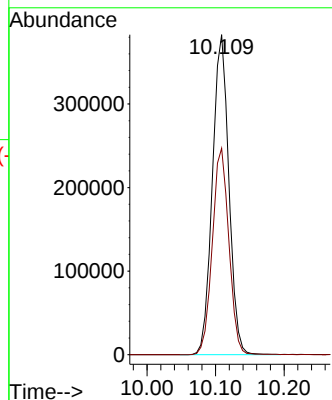
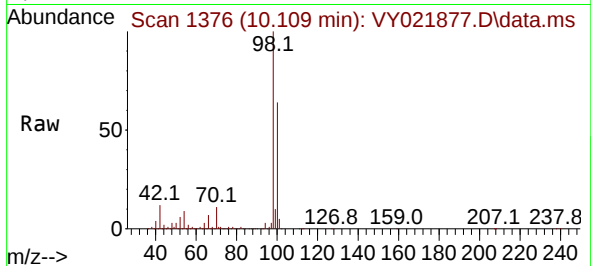




#50
Toluene-d8
Concen: 47.907 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

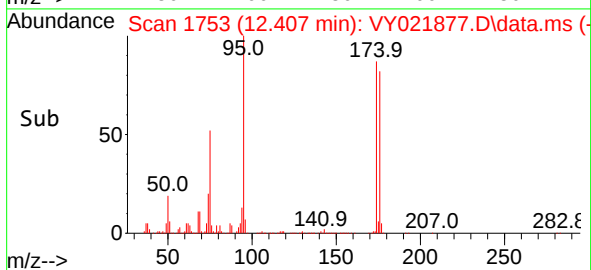
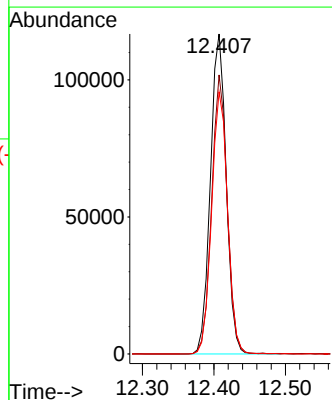
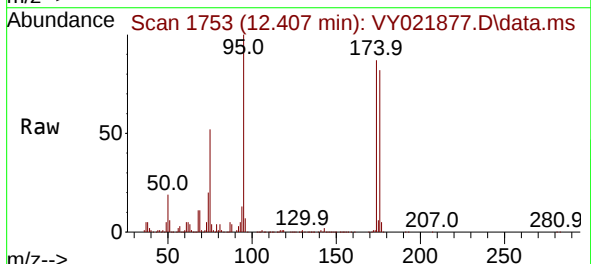
Instrument :
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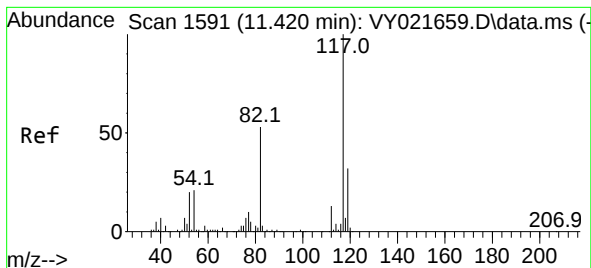
Tgt Ion: 98 Resp: 637006
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.855 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021877.D
Acq: 14 Apr 2025 18:11

Tgt Ion: 95 Resp: 179252
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.8
176 82.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021877.D

Acq: 14 Apr 2025 18:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

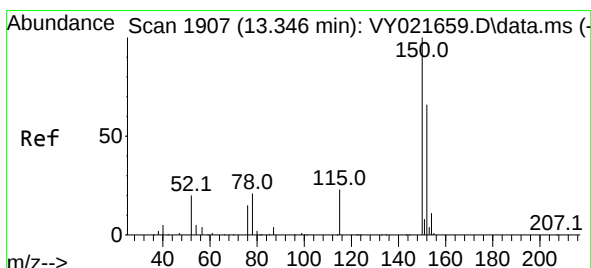
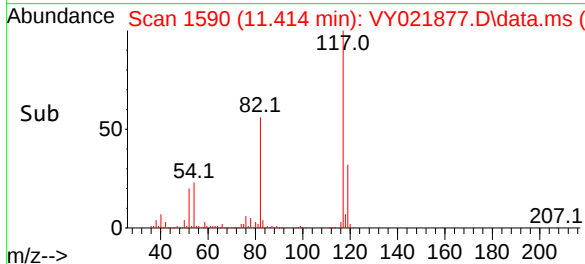
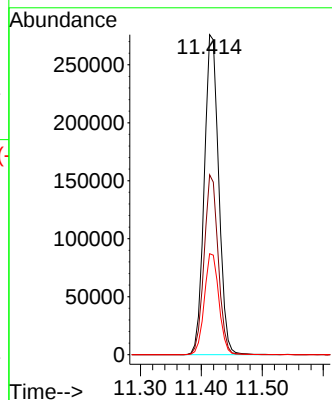
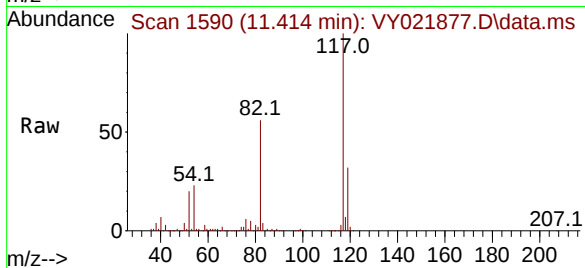
Tgt Ion:117 Resp: 455046

Ion Ratio Lower Upper

117 100

82 56.2 42.8 64.2

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021877.D

Acq: 14 Apr 2025 18:11

Tgt Ion:152 Resp: 172102

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 158.1 0.0 348.4

