

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022335.D
 Acq On : 20 May 2025 12:15
 Operator : SY/MD
 Sample : Q2071-11
 Misc : 2.83g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L1-WC-9-VOC

Quant Time: May 21 01:46:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	251612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	456221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135200	49.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.634	113	137229	50.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.109	98	544227	48.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.407	95	139110	39.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.700%

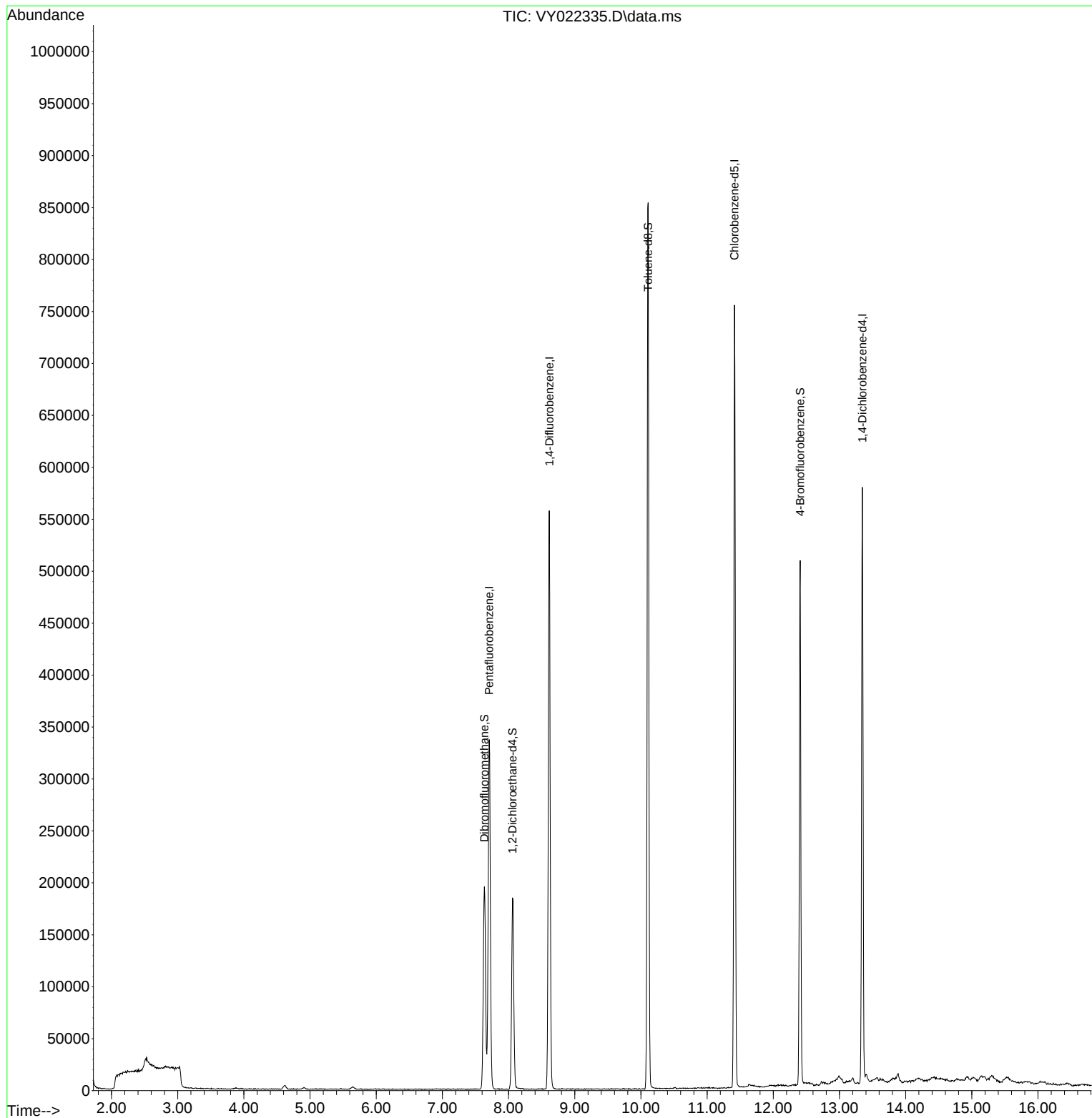
Target Compounds	Qvalue

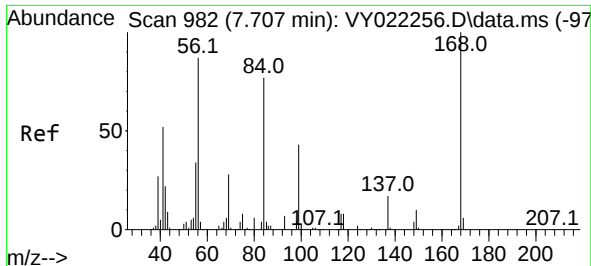
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022335.D
Acq On : 20 May 2025 12:15
Operator : SY/MD
Sample : Q2071-11
Misc : 2.83g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

Quant Time: May 21 01:46:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

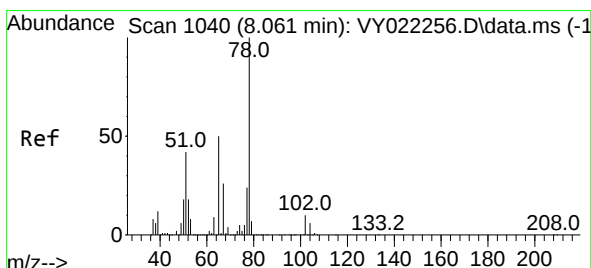
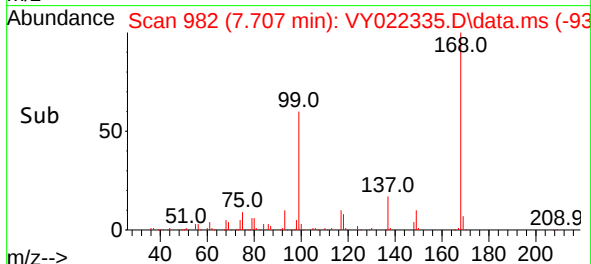
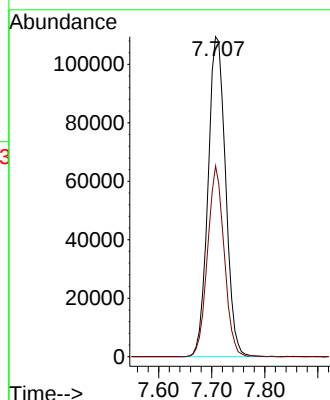
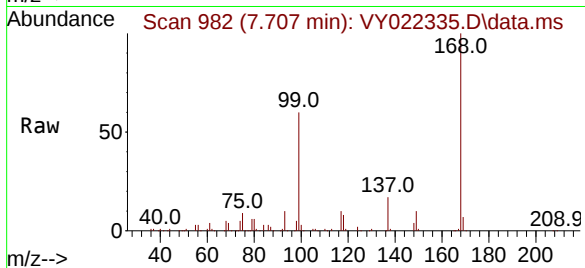




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

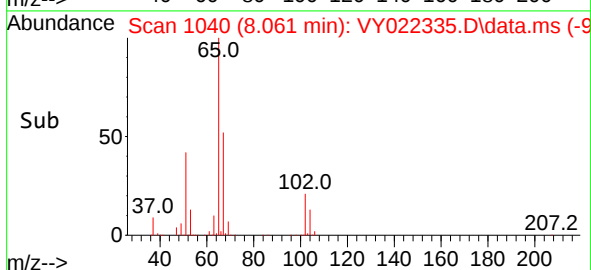
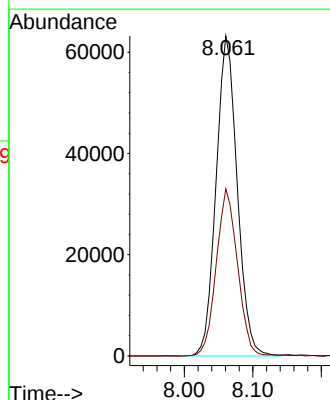
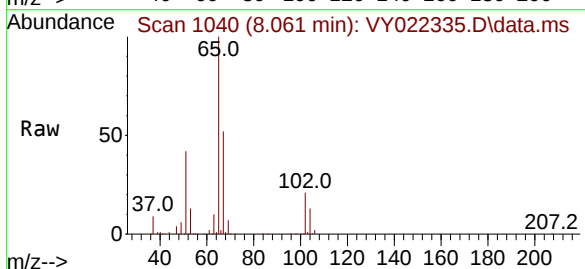
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

Tgt Ion:168 Resp: 251612
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.166 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion: 65 Resp: 135200
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

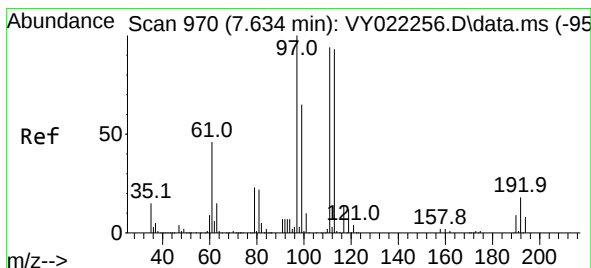
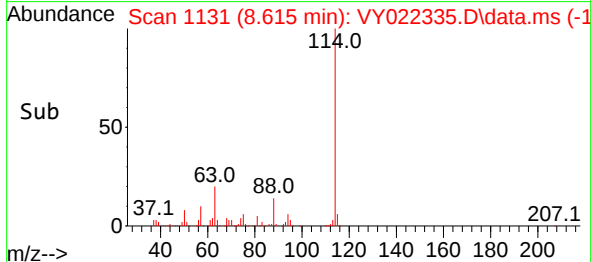
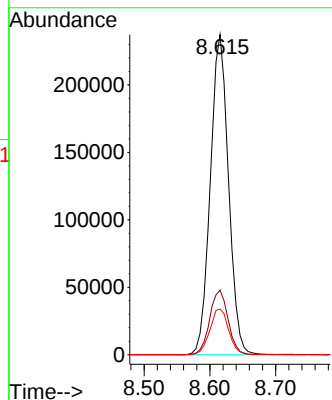
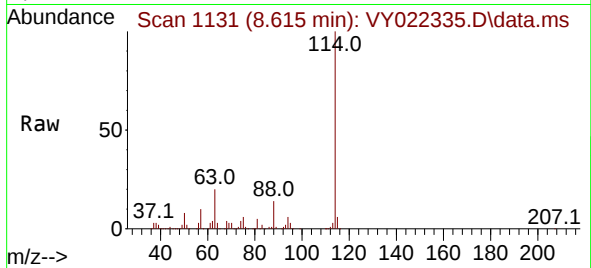




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

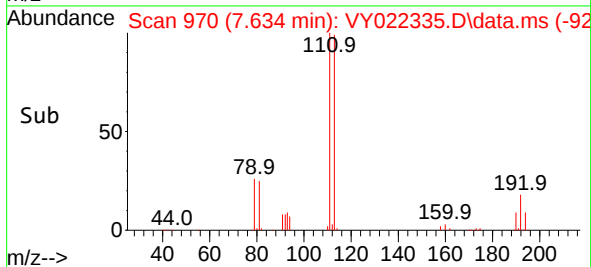
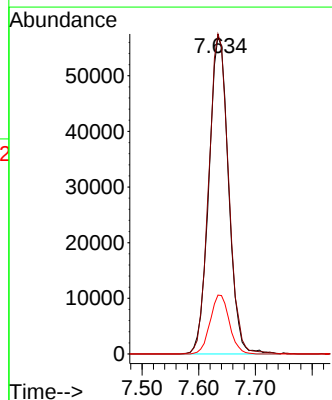
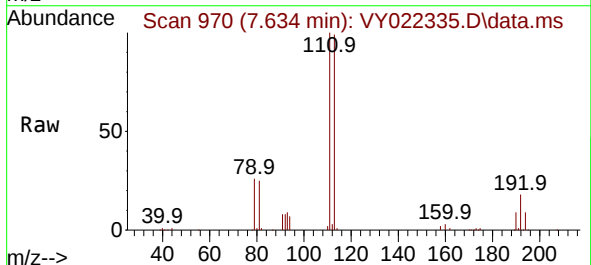
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

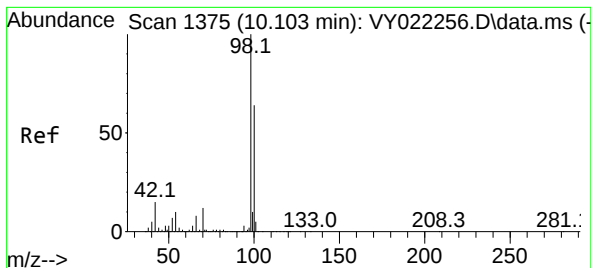
Tgt Ion:114 Resp: 456221
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.0
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.396 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion:113 Resp: 137229
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.1 15.2 22.8





#50

Toluene-d8

Concen: 48.800 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022335.D

Acq: 20 May 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

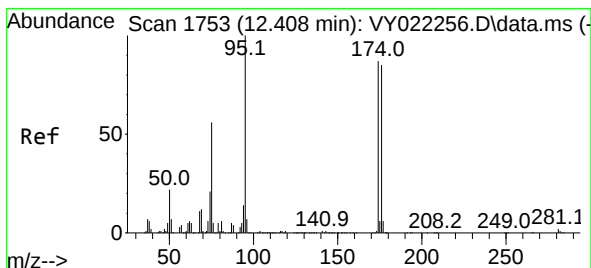
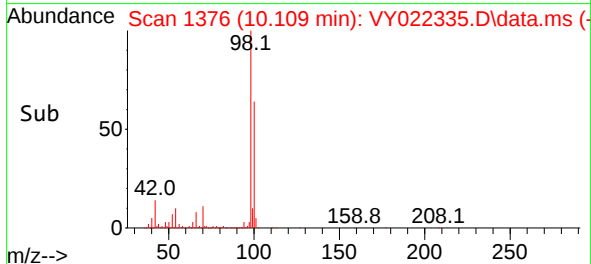
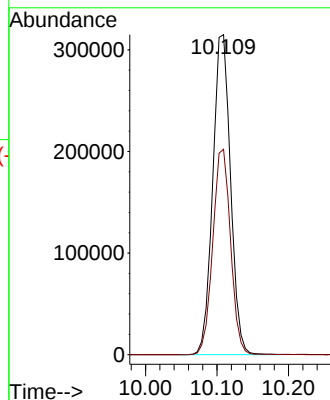
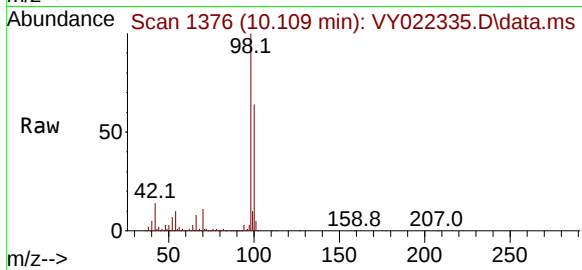
L1-WC-9-VOC

Tgt Ion: 98 Resp: 544227

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 39.354 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY022335.D

Acq: 20 May 2025 12:15

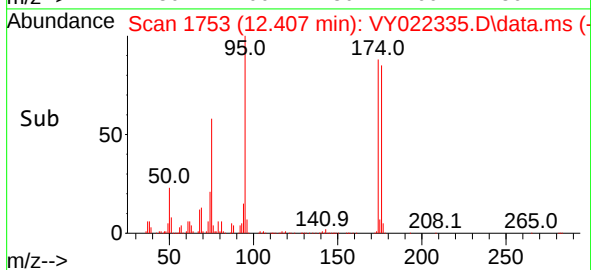
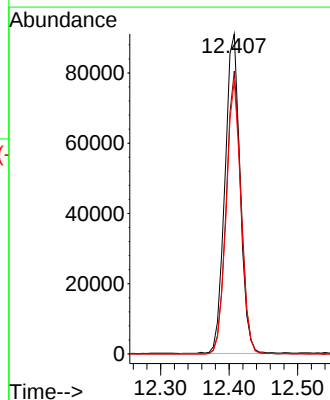
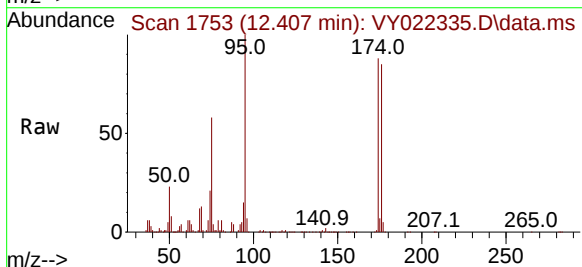
Tgt Ion: 95 Resp: 139110

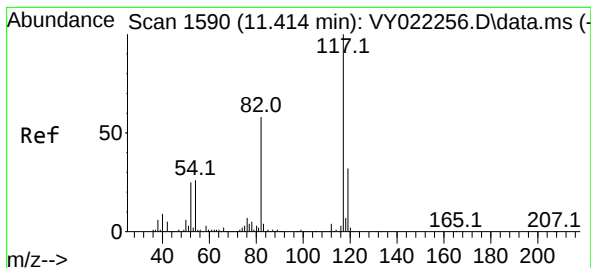
Ion Ratio Lower Upper

95 100

174 86.7 0.0 166.8

176 83.1 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022335.D

Acq: 20 May 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

L1-WC-9-VOC

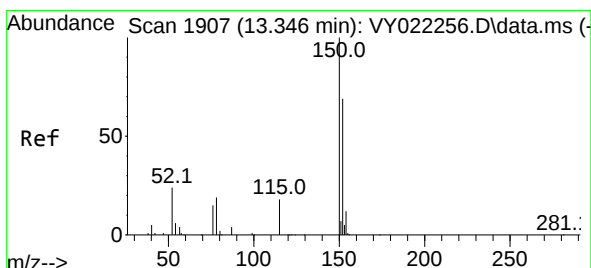
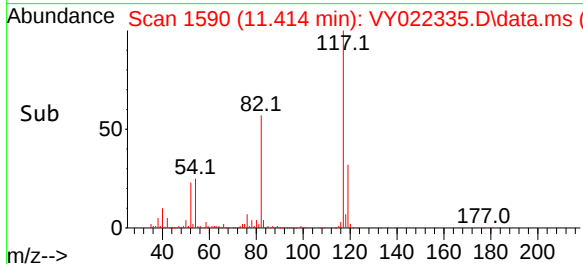
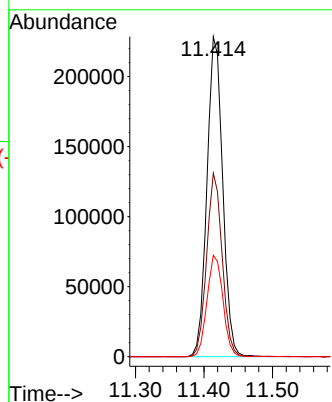
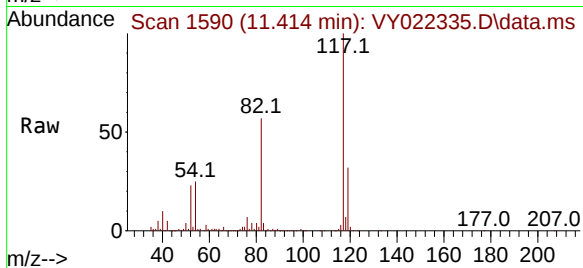
Tgt Ion:117 Resp: 364550

Ion Ratio Lower Upper

117 100

82 57.3 46.6 70.0

119 31.7 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022335.D

Acq: 20 May 2025 12:15

Tgt Ion:152 Resp: 133709

Ion Ratio Lower Upper

152 100

115 57.4 29.4 88.2

150 158.5 0.0 353.8

