

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022341.D
 Acq On : 20 May 2025 14:35
 Operator : SY/MD
 Sample : Q2080-08
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-HRH-VOC-02

Quant Time: May 21 01:49:10 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	156788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	273549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	74073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84357	49.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.634	113	79829	48.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.103	98	315374	47.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.408	95	78243	36.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.840%

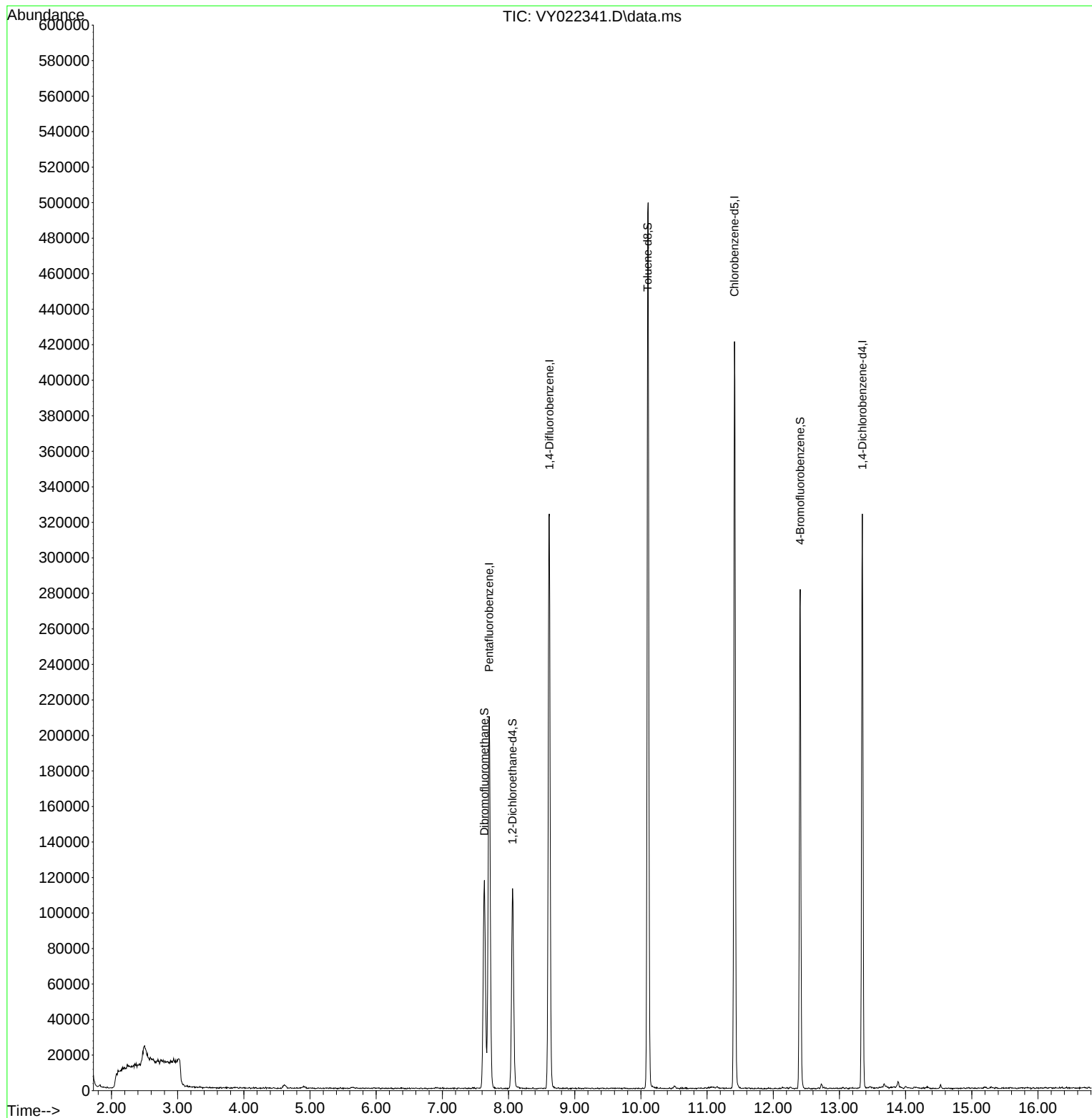
Target Compounds	Qvalue

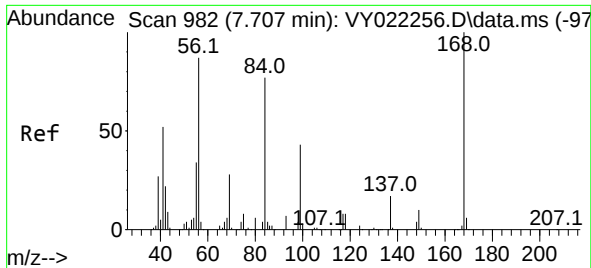
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022341.D
Acq On : 20 May 2025 14:35
Operator : SY/MD
Sample : Q2080-08
Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PL-HRH-VOC-02

Quant Time: May 21 01:49:10 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

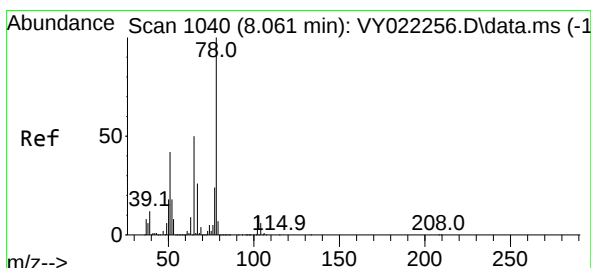
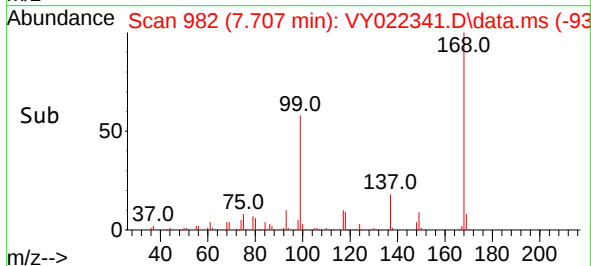
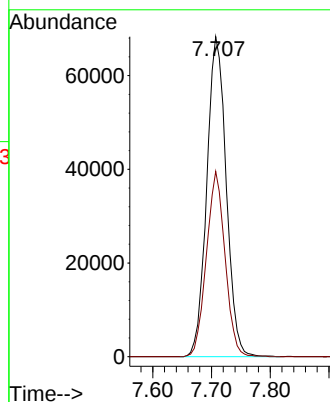
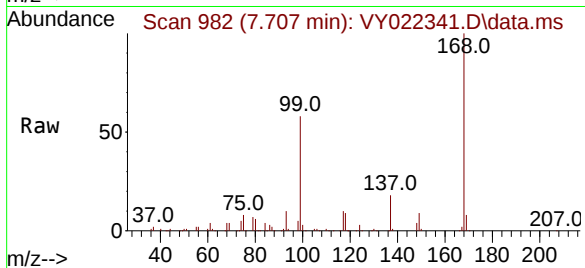




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022341.D
Acq: 20 May 2025 14:35

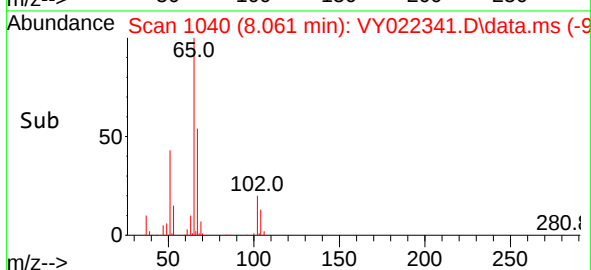
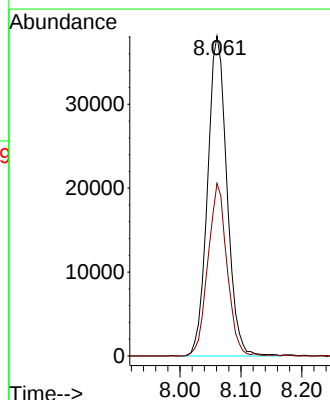
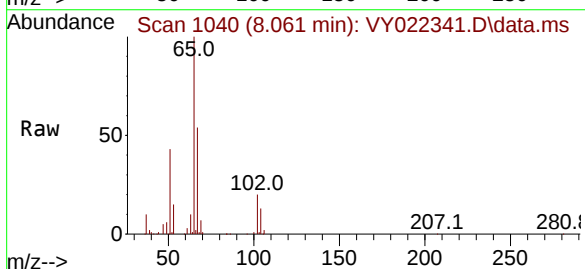
Instrument :
MSVOA_Y
ClientSampleId :
PL-HRH-VOC-02

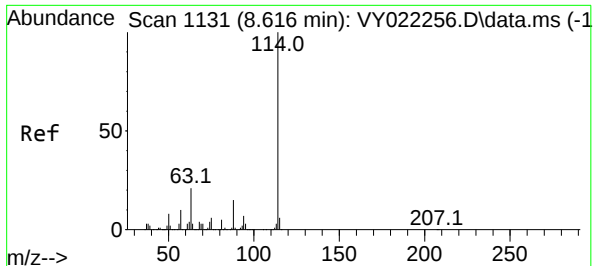
Tgt Ion:168 Resp: 156788
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.230 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022341.D
Acq: 20 May 2025 14:35

Tgt Ion: 65 Resp: 84357
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022341.D

Acq: 20 May 2025 14:35

Instrument :

MSVOA_Y

ClientSampleId :

PL-HRH-VOC-02

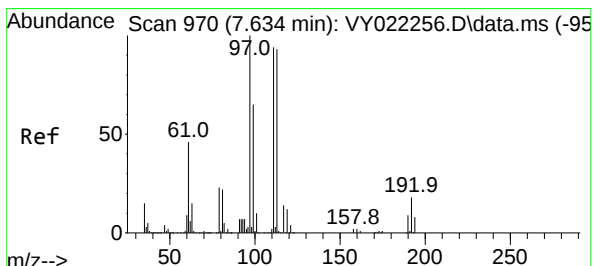
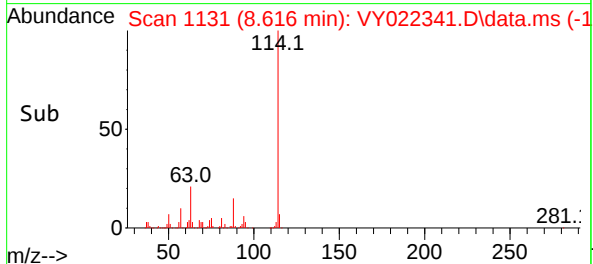
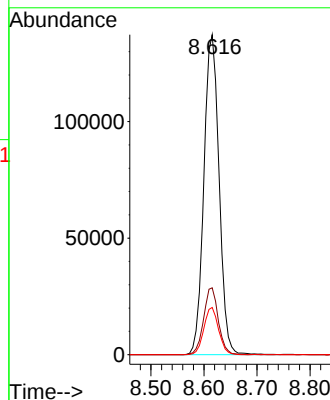
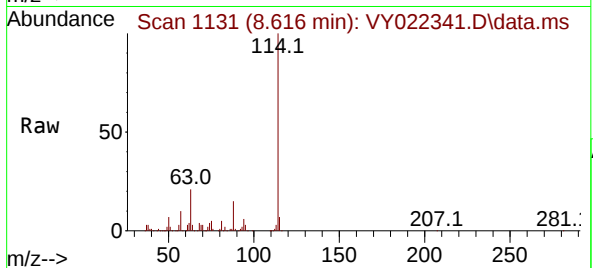
Tgt Ion:114 Resp: 273549

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.0

88 14.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.894 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022341.D

Acq: 20 May 2025 14:35

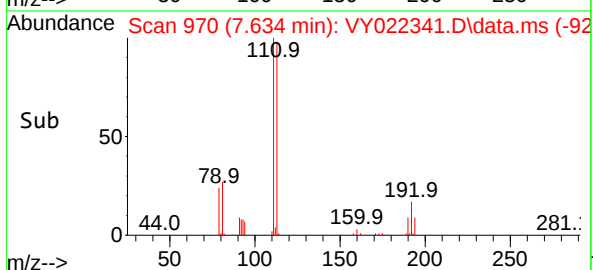
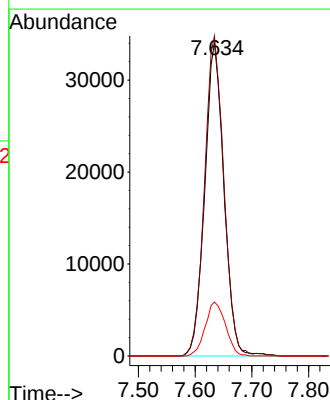
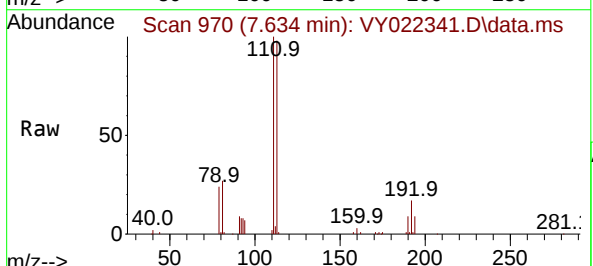
Tgt Ion:113 Resp: 79829

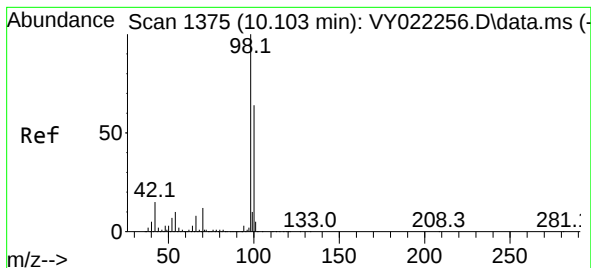
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 18.2 15.2 22.8

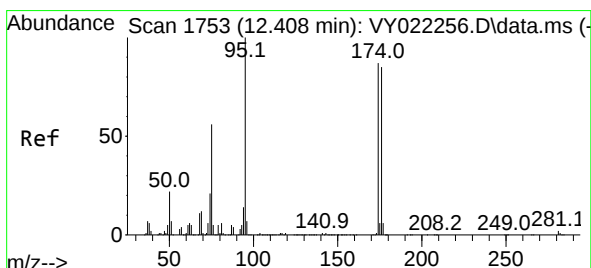
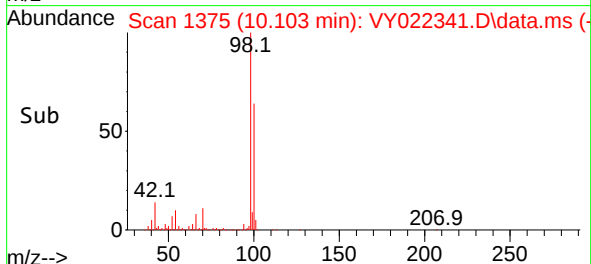
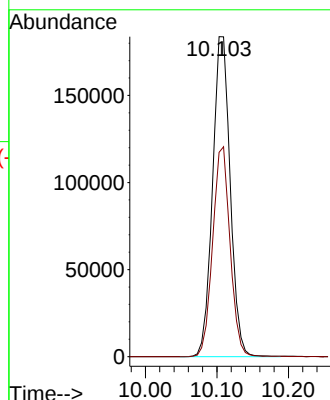
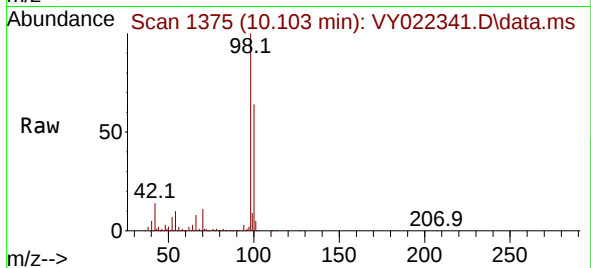




#50
Toluene-d8
Concen: 47.163 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022341.D
Acq: 20 May 2025 14:35

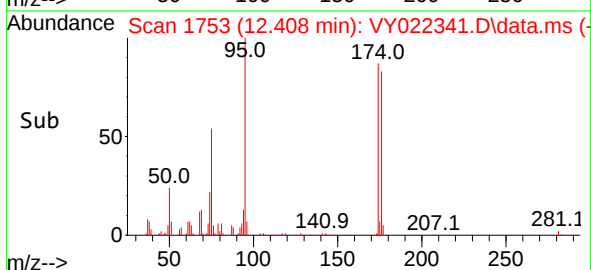
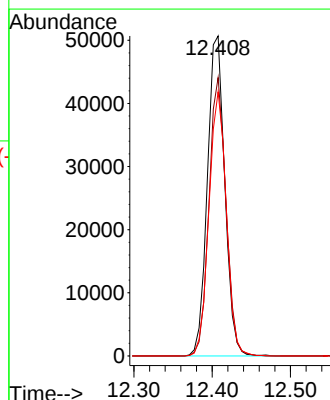
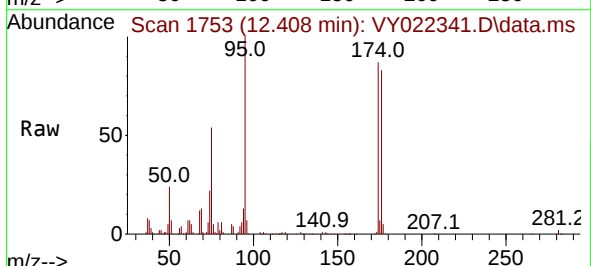
Instrument :
MSVOA_Y
ClientSampleId :
PL-HRH-VOC-02

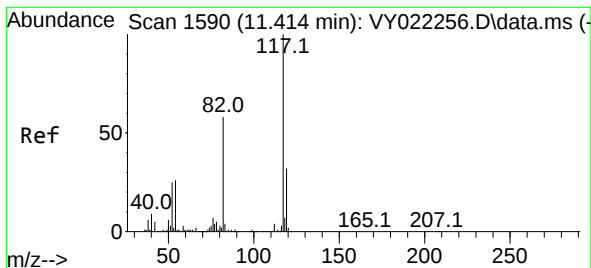
Tgt Ion: 98 Resp: 315374
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 36.916 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022341.D
Acq: 20 May 2025 14:35

Tgt Ion: 95 Resp: 78243
Ion Ratio Lower Upper
95 100
174 84.9 0.0 166.8
176 82.2 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: VY022341.D

Acq: 20 May 2025 14:35

Instrument :

MSVOA_Y

ClientSampleId :

PL-HRH-VOC-02

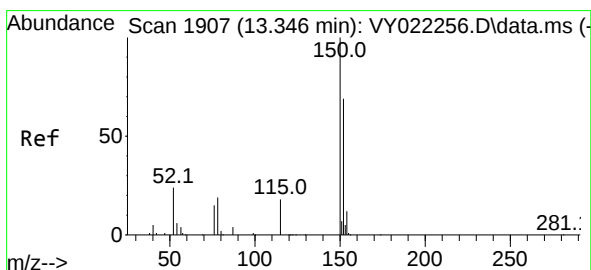
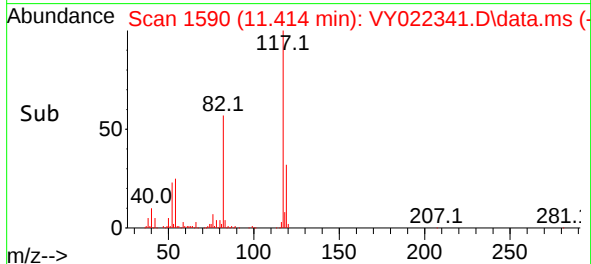
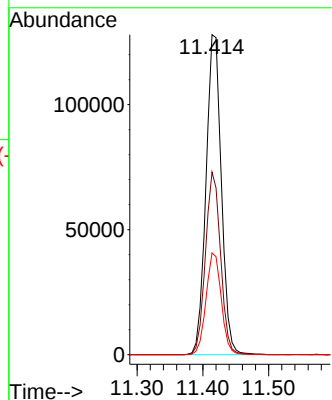
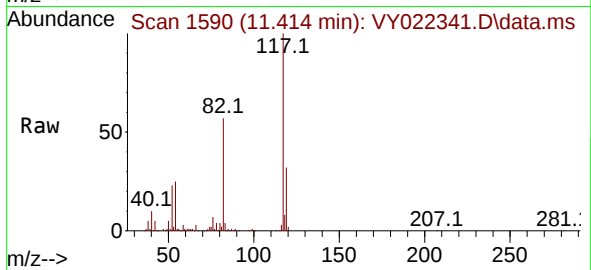
Tgt Ion:117 Resp: 208140

Ion Ratio Lower Upper

117 100

82 57.1 46.6 70.0

119 31.8 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: VY022341.D

Acq: 20 May 2025 14:35

Tgt Ion:152 Resp: 74073

Ion Ratio Lower Upper

152 100

115 57.5 29.4 88.2

150 154.2 0.0 353.8

