

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
 Data File : VY022127.D
 Acq On : 02 May 2025 14:27
 Operator : SY/MD
 Sample : Q1932-05
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

Quant Time: May 03 02:51:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	373415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	688630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	614324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	250161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158786	46.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.634	113	214855	47.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.103	98	829600	48.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.402	95	257873	44.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.320%

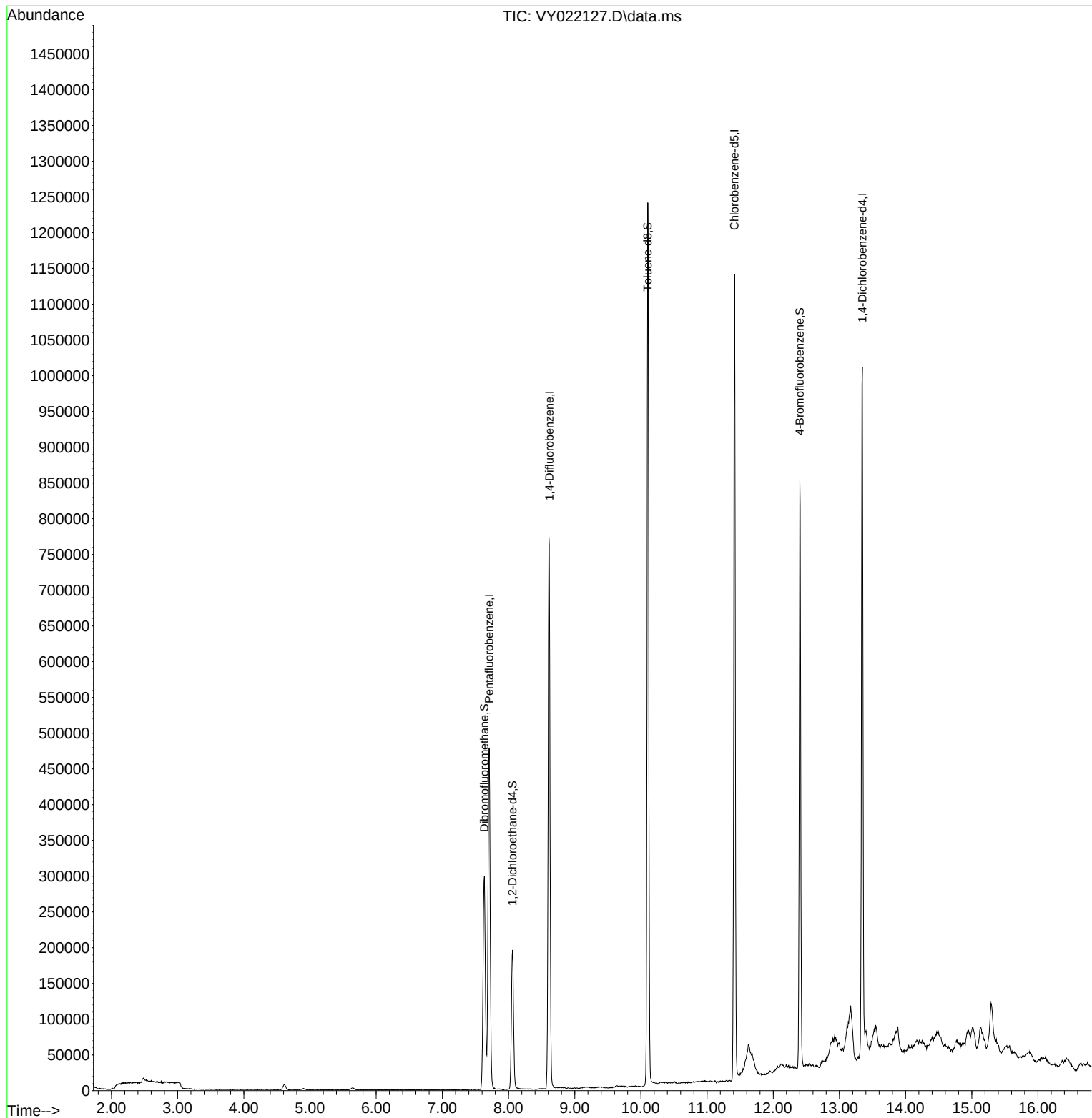
Target Compounds	Qvalue

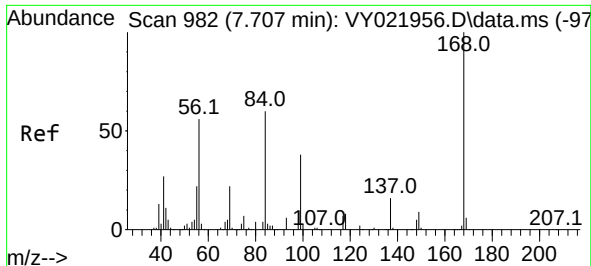
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
Data File : VY022127.D
Acq On : 02 May 2025 14:27
Operator : SY/MD
Sample : Q1932-05
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

Quant Time: May 03 02:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

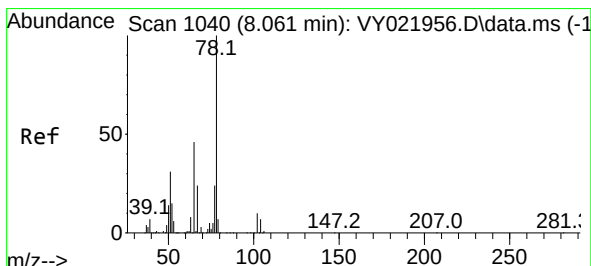
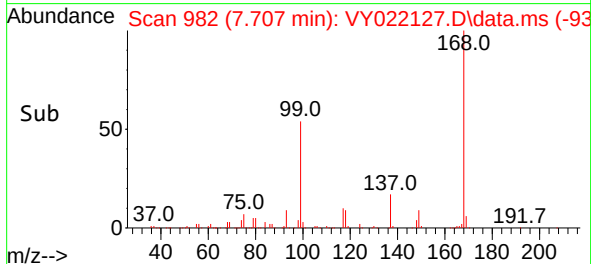
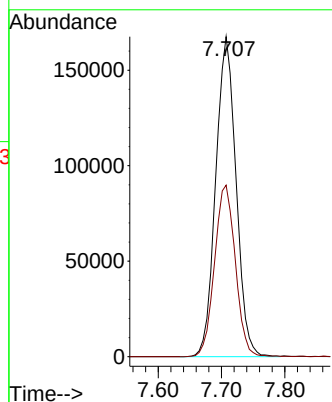
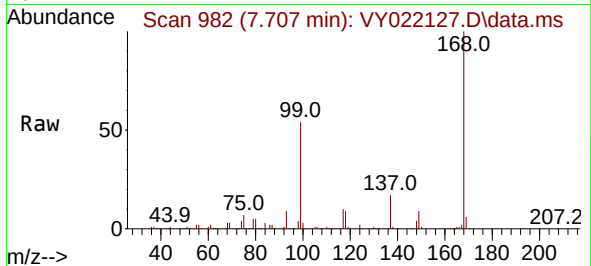




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022127.D
Acq: 02 May 2025 14:27

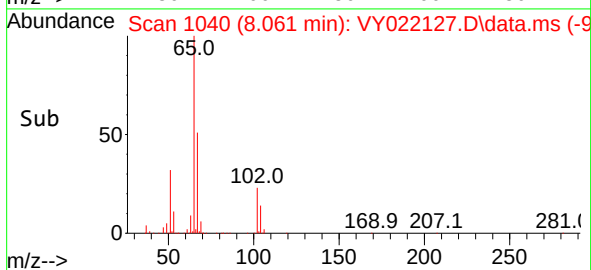
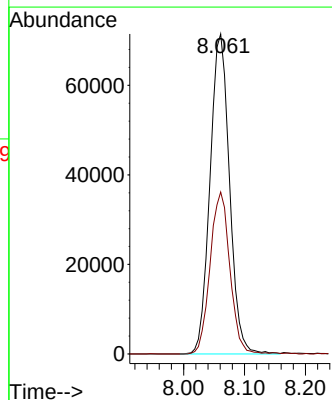
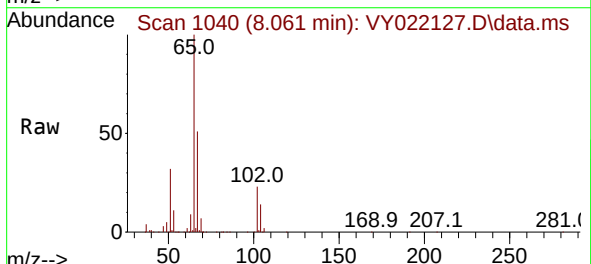
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

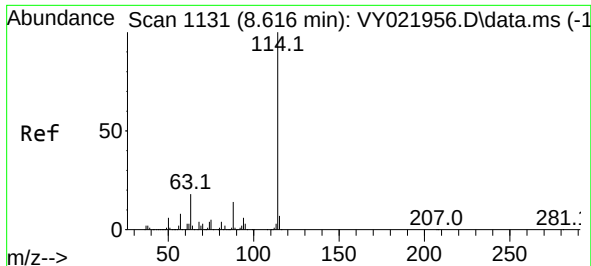
Tgt Ion:168 Resp: 373415
Ion Ratio Lower Upper
168 100
99 53.6 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 46.036 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022127.D
Acq: 02 May 2025 14:27

Tgt Ion: 65 Resp: 158786
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022127.D

Acq: 02 May 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

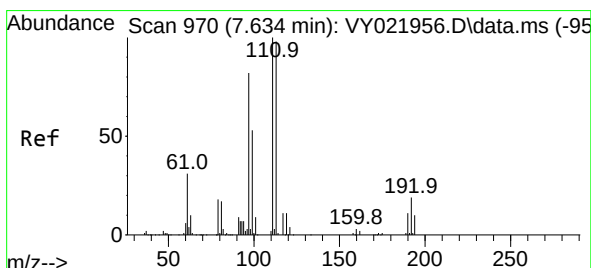
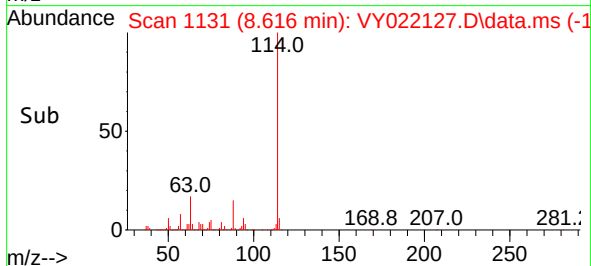
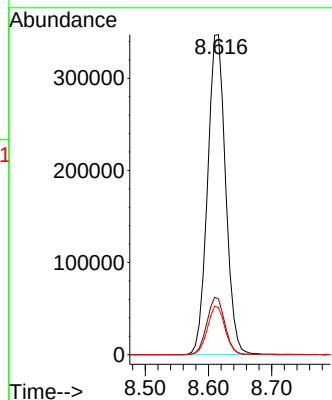
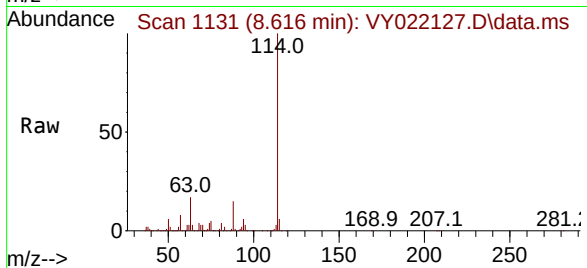
Tgt Ion:114 Resp: 688630

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 47.226 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY022127.D

Acq: 02 May 2025 14:27

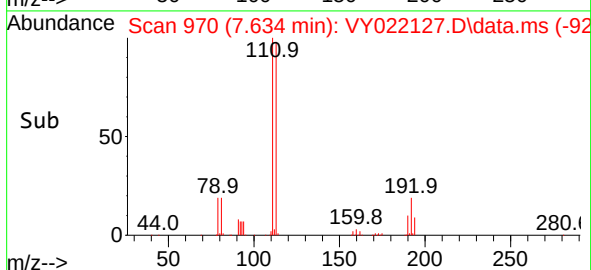
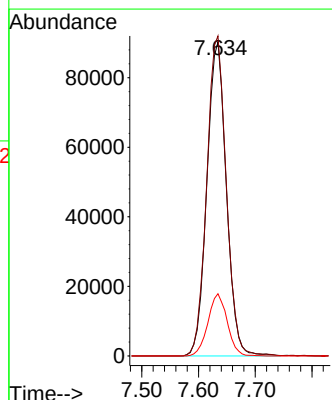
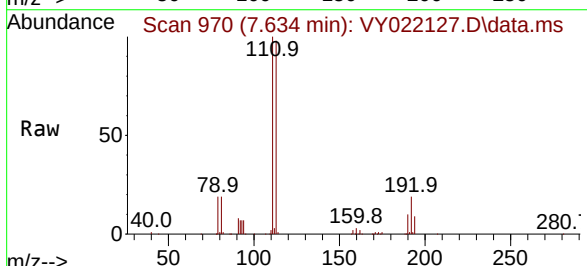
Tgt Ion:113 Resp: 214855

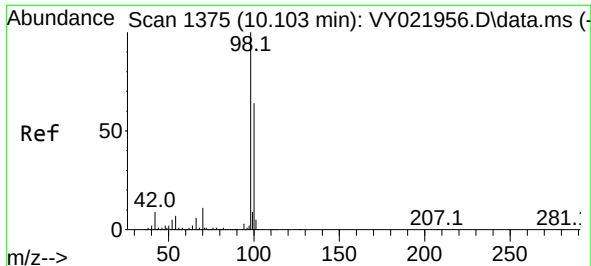
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 19.6 15.6 23.4

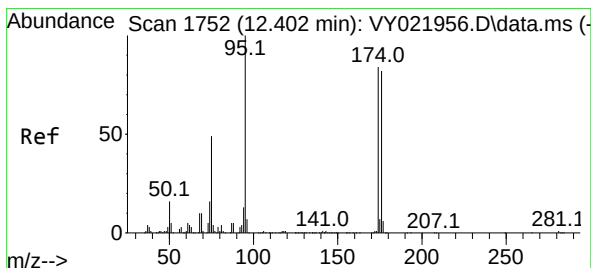
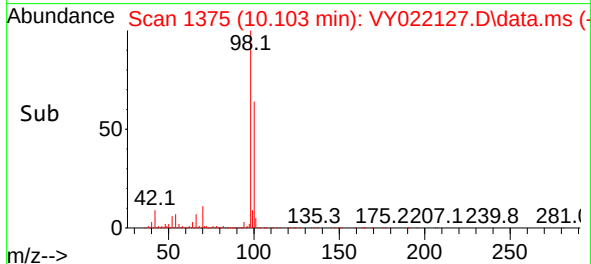
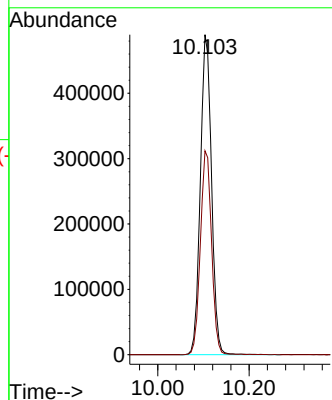
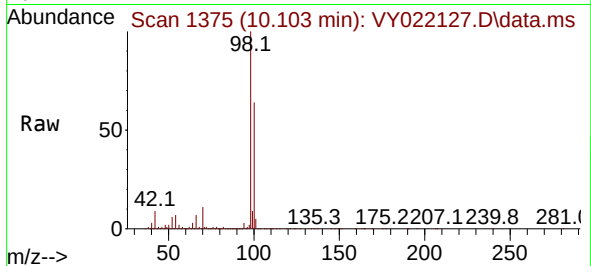




#50
Toluene-d8
Concen: 48.369 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022127.D
Acq: 02 May 2025 14:27

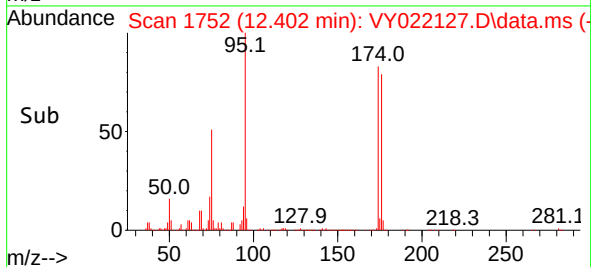
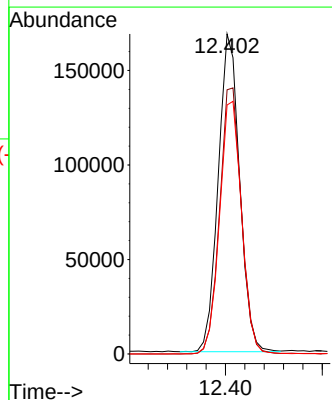
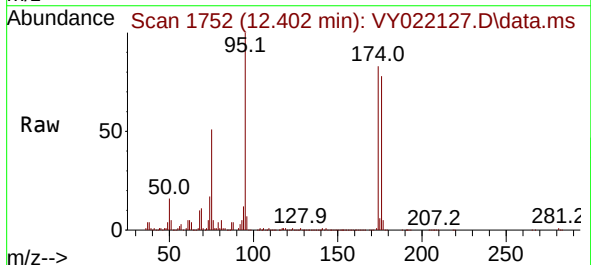
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

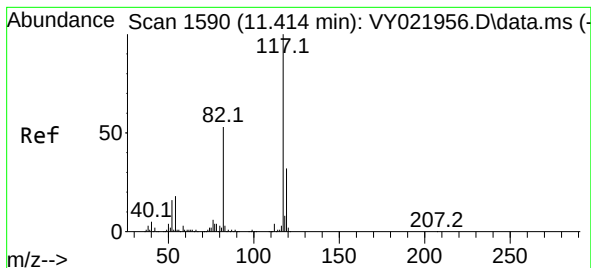
Tgt Ion: 98 Resp: 829600
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.662 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022127.D
Acq: 02 May 2025 14:27

Tgt Ion: 95 Resp: 257873
Ion Ratio Lower Upper
95 100
174 85.3 0.0 179.0
176 82.1 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022127.D

Acq: 02 May 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

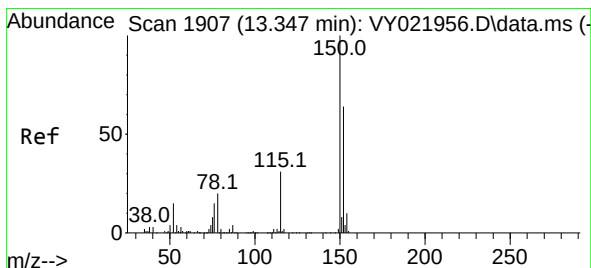
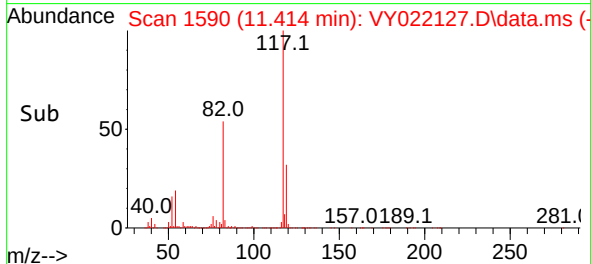
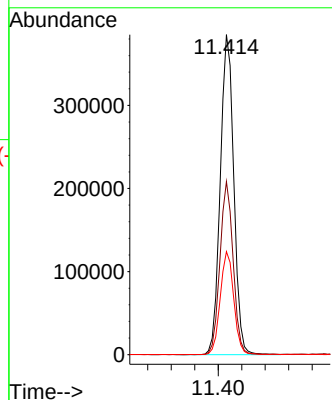
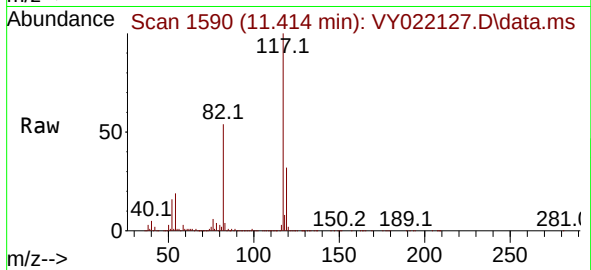
Tgt Ion:117 Resp: 614324

Ion Ratio Lower Upper

117 100

82 54.0 42.1 63.1

119 32.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022127.D

Acq: 02 May 2025 14:27

Tgt Ion:152 Resp: 250161

Ion Ratio Lower Upper

152 100

115 58.0 28.0 84.0

150 157.2 0.0 345.6

