

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022246.D
 Acq On : 13 May 2025 16:20
 Operator : SY/MD
 Sample : Q2007-08
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-636-VOC-11

Quant Time: May 14 04:35:51 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	196124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	344431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	113212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107167	59.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.320%
35) Dibromofluoromethane	7.634	113	119286	52.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.103	98	414494	48.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.402	95	104053	36.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.060%

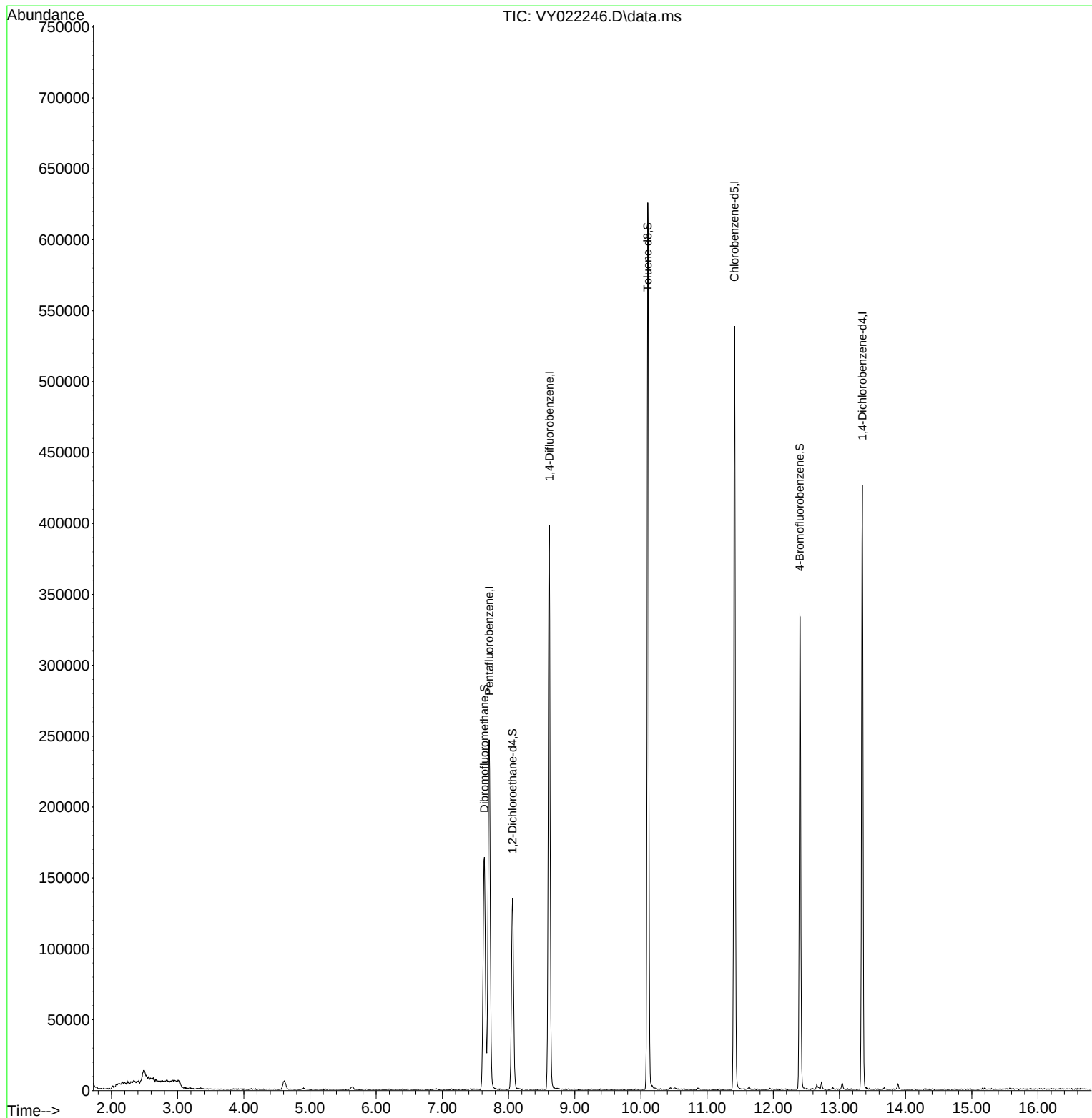
Target Compounds	Qvalue

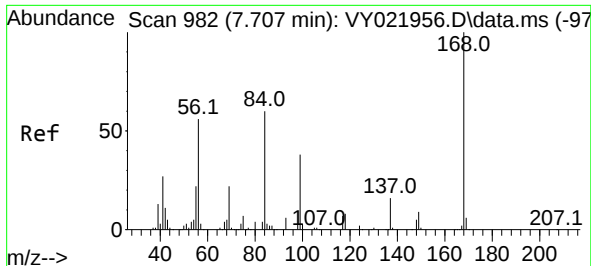
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
Data File : VY022246.D
Acq On : 13 May 2025 16:20
Operator : SY/MD
Sample : Q2007-08
Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-11

Quant Time: May 14 04:35:51 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

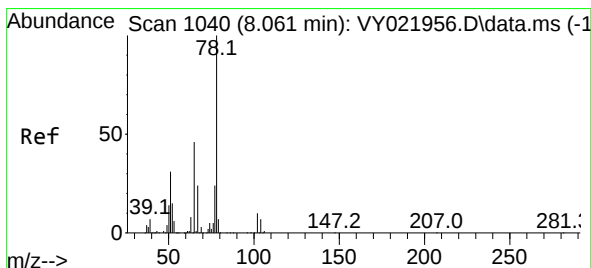
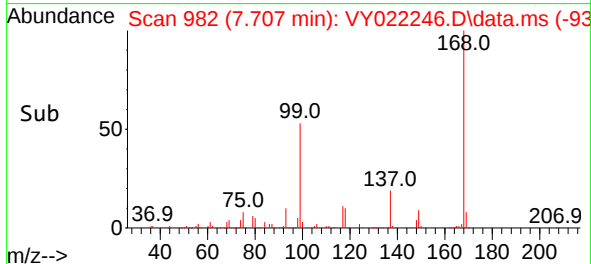
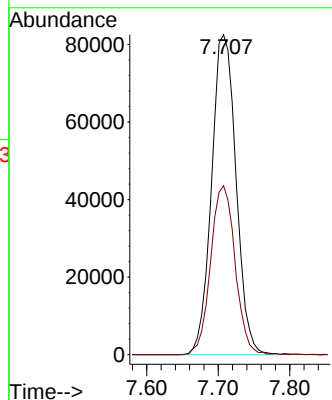
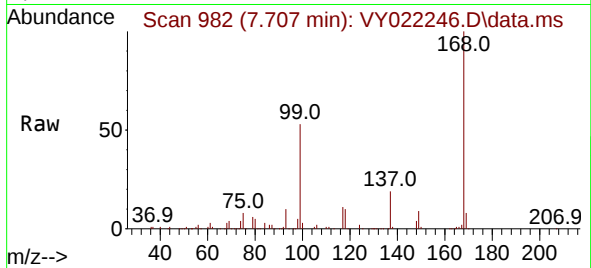




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022246.D
Acq: 13 May 2025 16:20

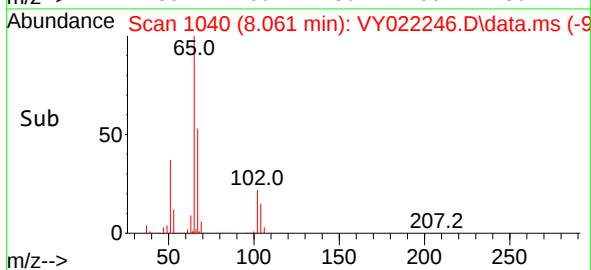
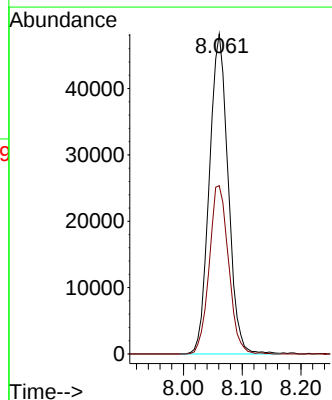
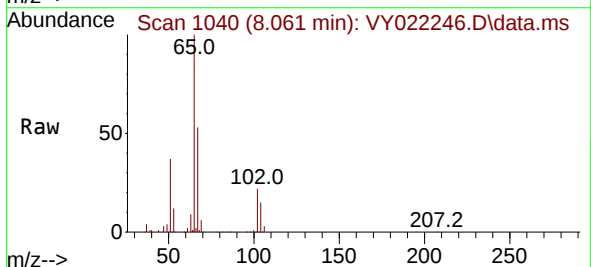
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-11

Tgt Ion:168 Resp: 196124
Ion Ratio Lower Upper
168 100
99 52.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 59.157 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022246.D
Acq: 13 May 2025 16:20

Tgt Ion: 65 Resp: 107167
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

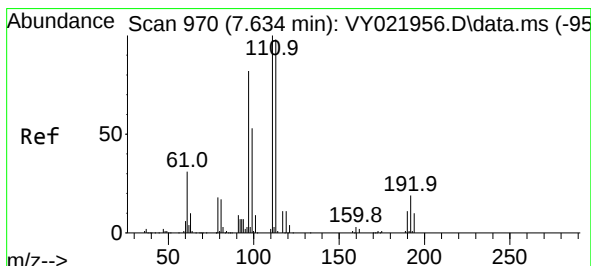
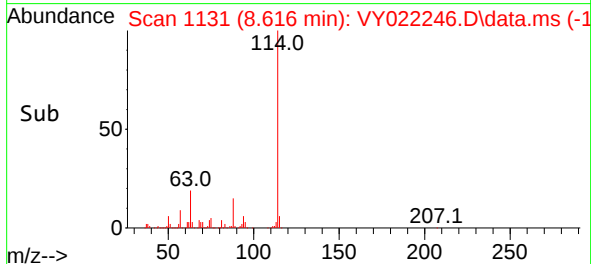
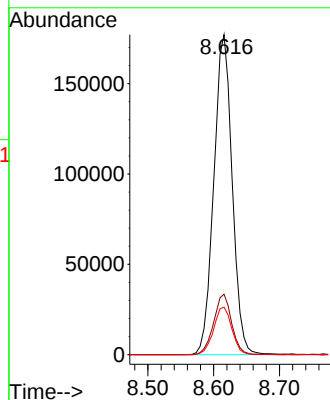
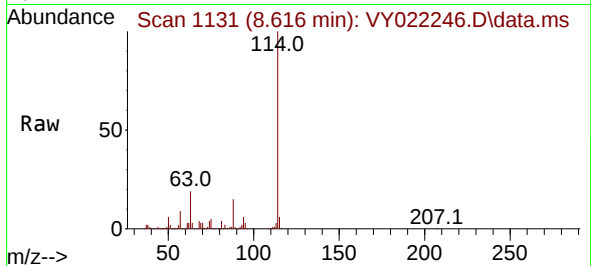




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022246.D
Acq: 13 May 2025 16:20

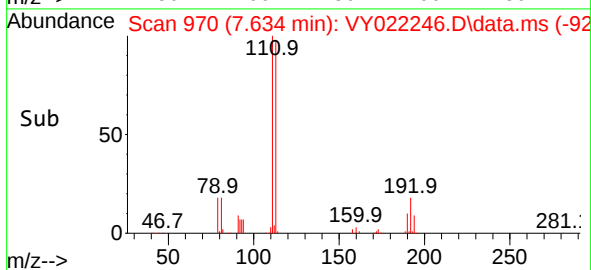
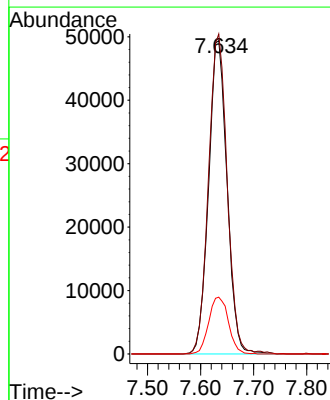
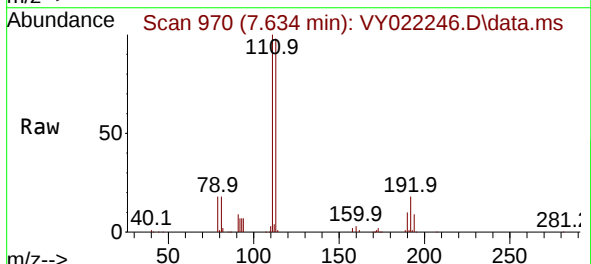
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-11

Tgt Ion:114 Resp: 344431
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.4
88 14.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 52.422 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022246.D
Acq: 13 May 2025 16:20

Tgt Ion:113 Resp: 119286
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 19.4 15.6 23.4

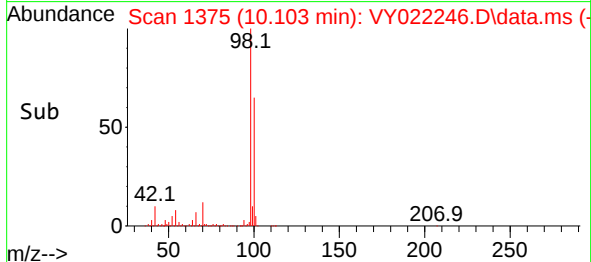
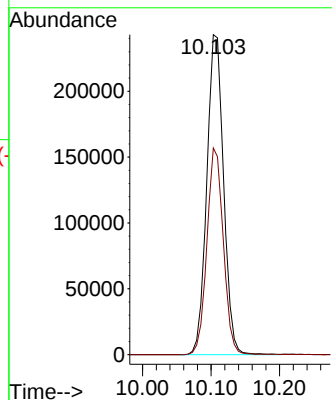
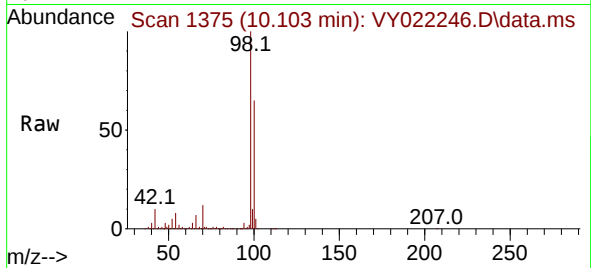




#50
Toluene-d8
Concen: 48.317 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022246.D
Acq: 13 May 2025 16:20

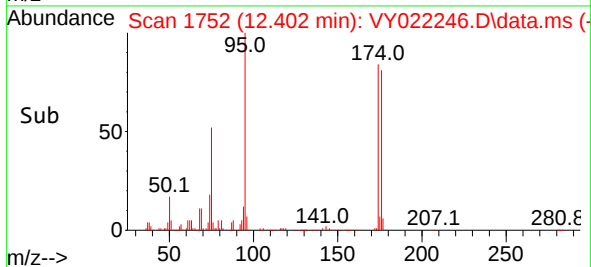
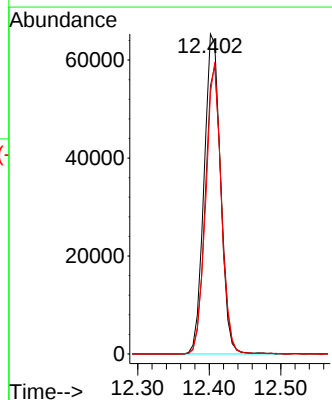
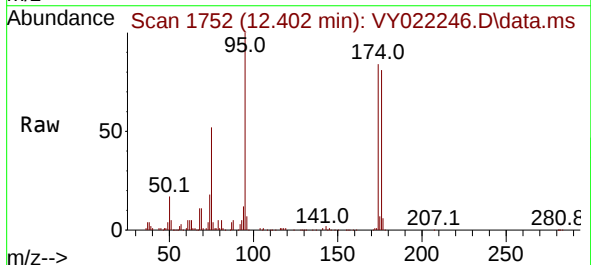
Instrument :
MSVOA_Y
ClientSampleId :
OR-636-VOC-11

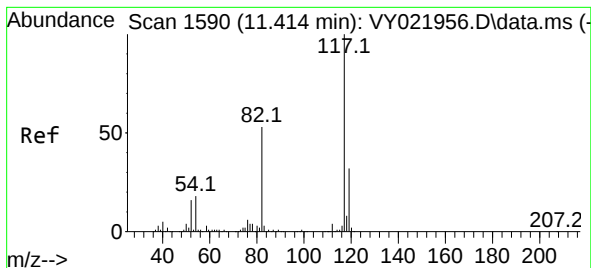
Tgt Ion: 98 Resp: 414494
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.031 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022246.D
Acq: 13 May 2025 16:20

Tgt Ion: 95 Resp: 104053
Ion Ratio Lower Upper
95 100
174 88.0 0.0 179.0
176 86.3 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022246.D

Acq: 13 May 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :

OR-636-VOC-11

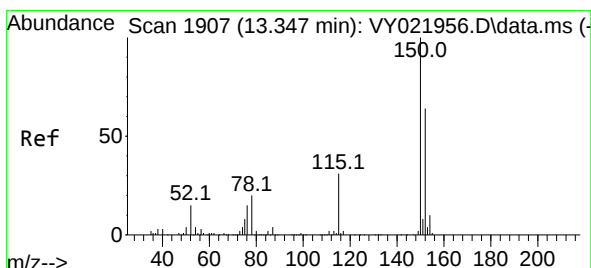
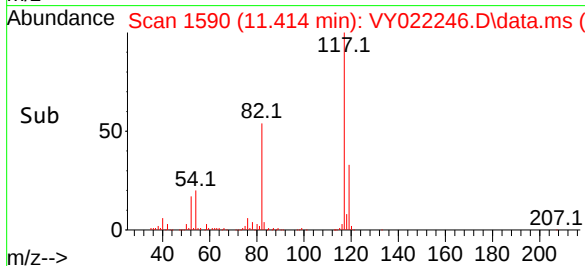
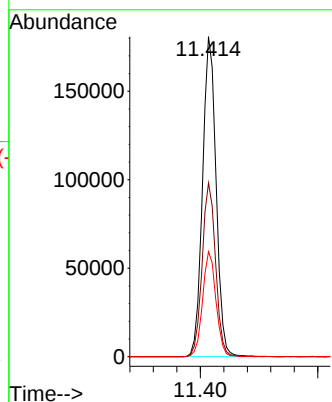
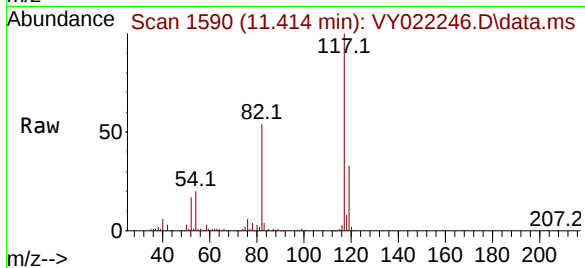
Tgt Ion:117 Resp: 289702

Ion Ratio Lower Upper

117 100

82 54.3 42.1 63.1

119 32.8 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: VY022246.D

Acq: 13 May 2025 16:20

Tgt Ion:152 Resp: 113212

Ion Ratio Lower Upper

152 100

115 54.7 28.0 84.0

150 154.1 0.0 345.6

