

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022078.D
 Acq On : 30 Apr 2025 13:11
 Operator : SY/MD
 Sample : Q1912-07
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-F-VOC

Quant Time: May 01 01:35:15 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	293533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	553614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	505208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	204649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154078	56.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.660%
35) Dibromofluoromethane	7.634	113	193917	53.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.103	98	670048	48.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.402	95	192563	41.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.960%

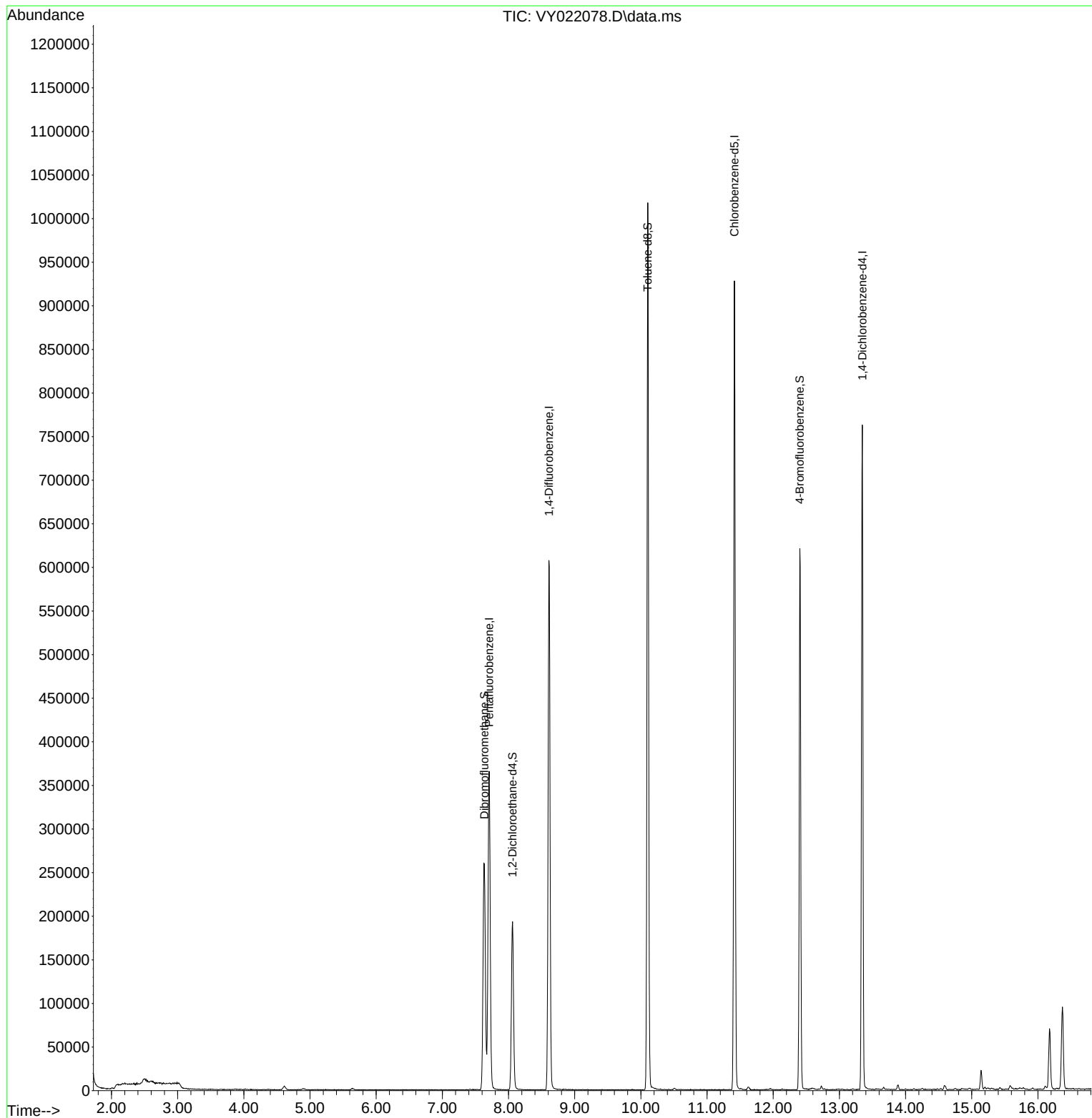
Target Compounds	Qvalue

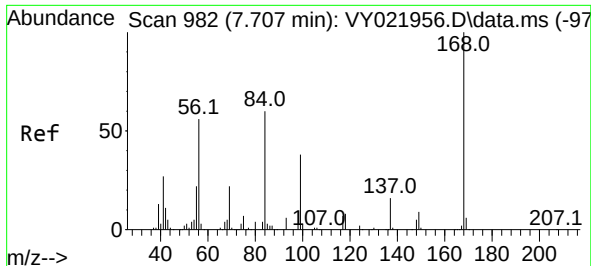
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
Data File : VY022078.D
Acq On : 30 Apr 2025 13:11
Operator : SY/MD
Sample : Q1912-07
Misc : 4.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-F-VOC

Quant Time: May 01 01:35:15 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

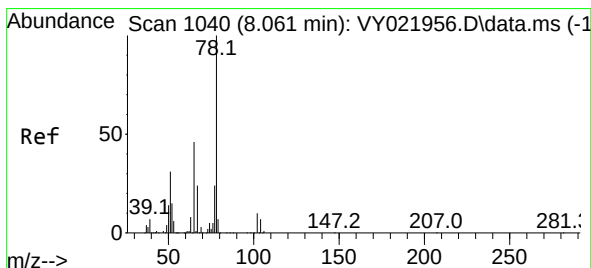
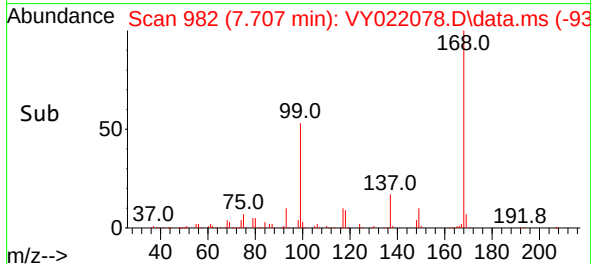
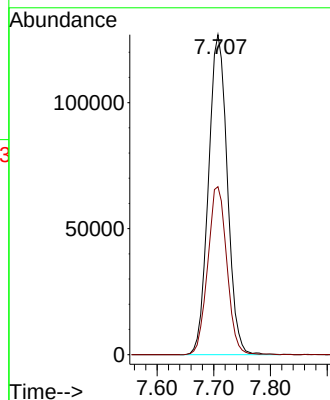
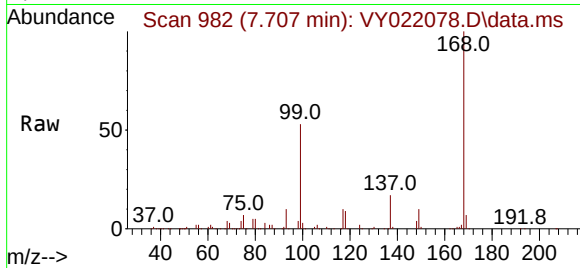




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022078.D
Acq: 30 Apr 2025 13:11

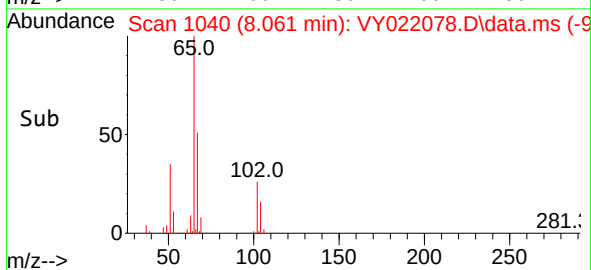
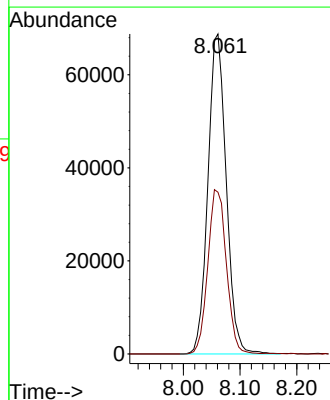
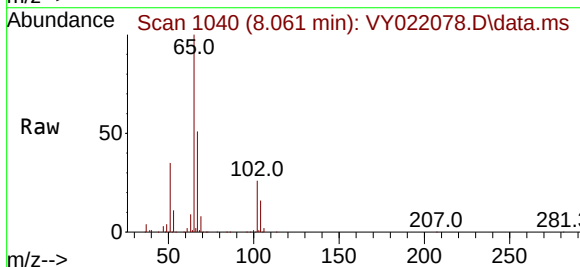
Instrument :
MSVOA_Y
ClientSampleId :
MH-F-VOC

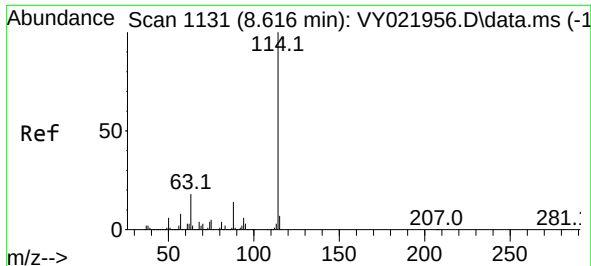
Tgt Ion:168 Resp: 293533
Ion Ratio Lower Upper
168 100
99 52.5 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 56.828 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022078.D
Acq: 30 Apr 2025 13:11

Tgt Ion: 65 Resp: 154078
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

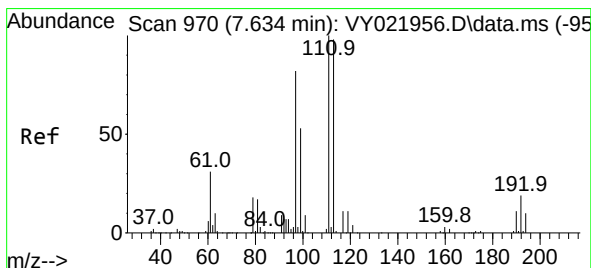
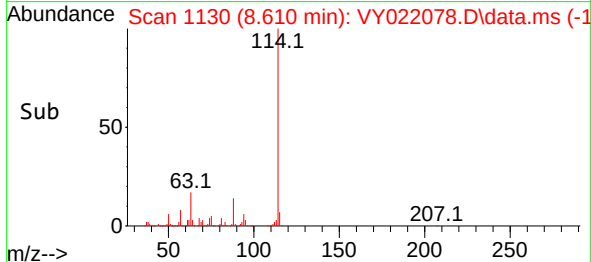
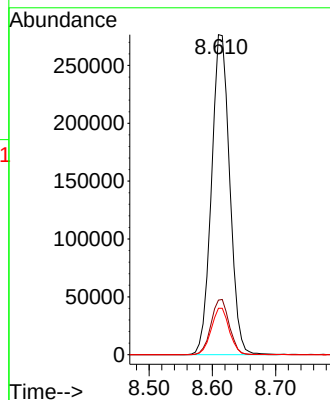
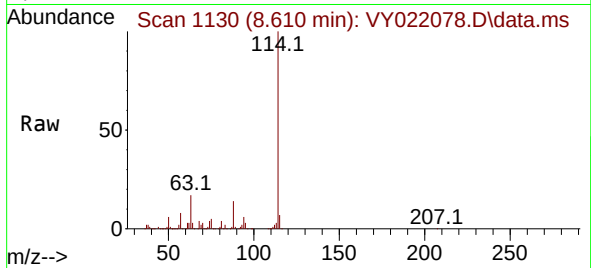




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022078.D
Acq: 30 Apr 2025 13:11

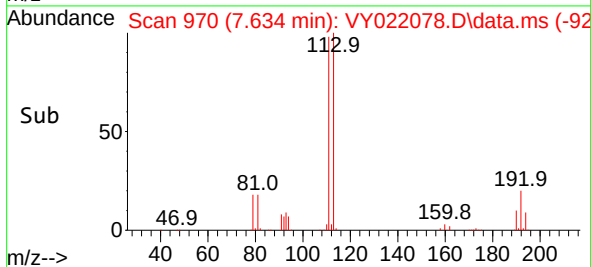
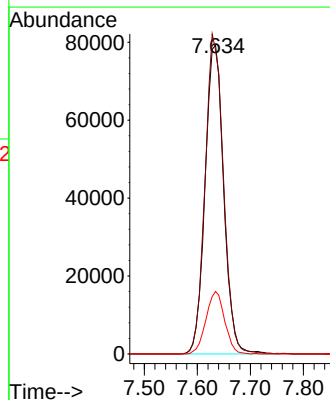
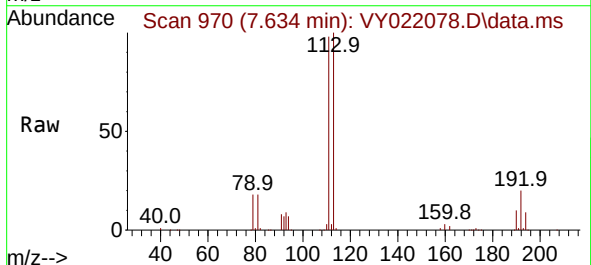
Instrument :
MSVOA_Y
ClientSampleId :
MH-F-VOC

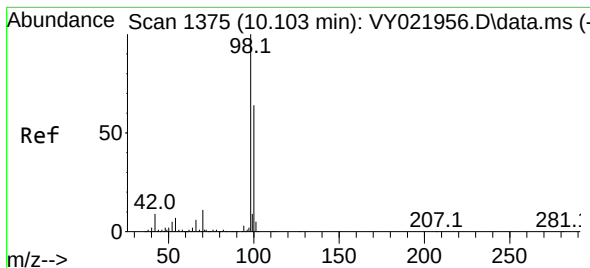
Tgt Ion:114 Resp: 553614
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.4
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 53.019 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022078.D
Acq: 30 Apr 2025 13:11

Tgt Ion:113 Resp: 193917
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 20.2 15.6 23.4





#50

Toluene-d8

Concen: 48.594 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022078.D

Acq: 30 Apr 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

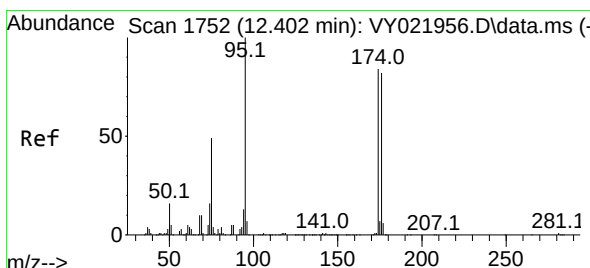
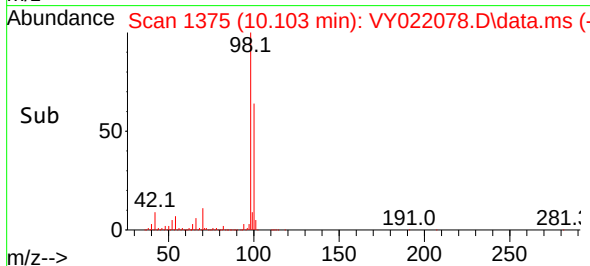
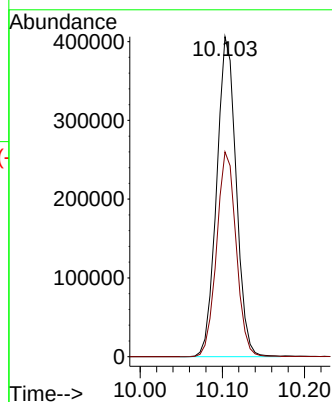
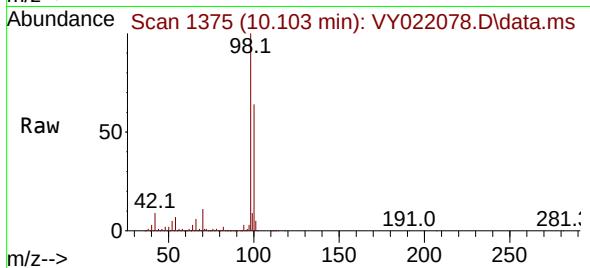
MH-F-VOC

Tgt Ion: 98 Resp: 670048

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 41.484 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY022078.D

Acq: 30 Apr 2025 13:11

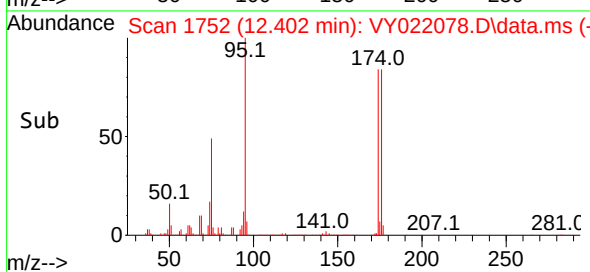
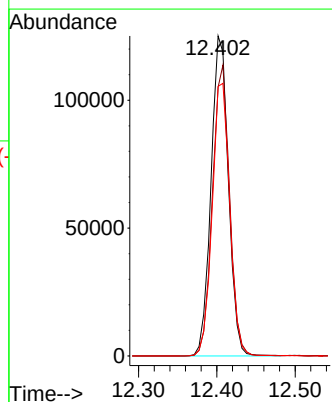
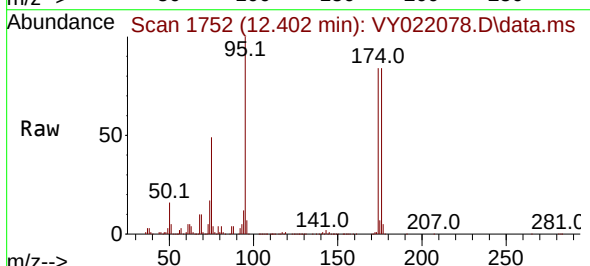
Tgt Ion: 95 Resp: 192563

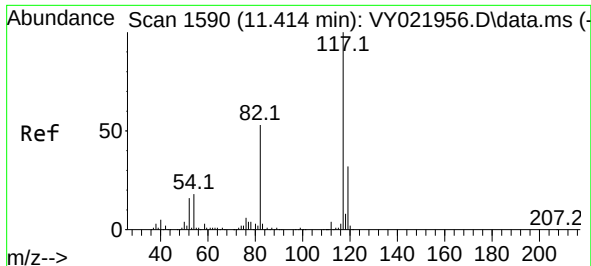
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.0

176 86.5 0.0 171.8

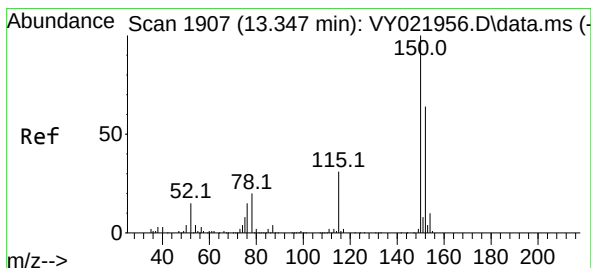
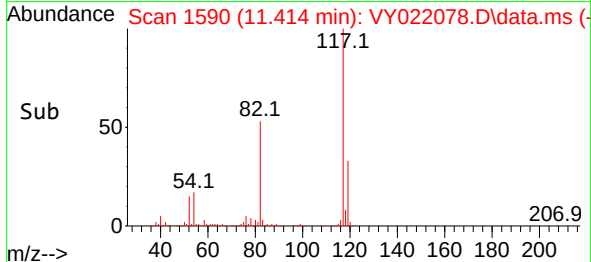
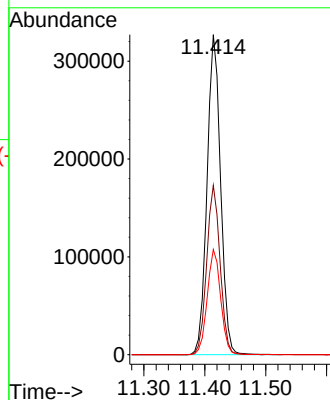
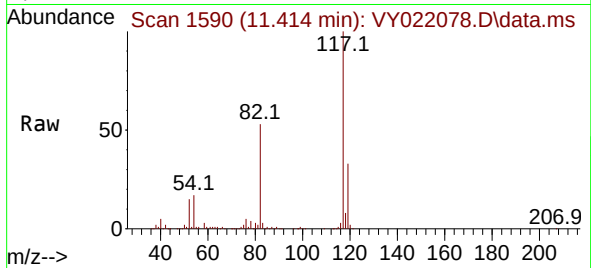




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022078.D
Acq: 30 Apr 2025 13:11

Instrument :
MSVOA_Y
ClientSampleId :
MH-F-VOC

Tgt Ion:117 Resp: 505208
Ion Ratio Lower Upper
117 100
82 52.9 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: VY022078.D
Acq: 30 Apr 2025 13:11

Tgt Ion:152 Resp: 204649
Ion Ratio Lower Upper
152 100
115 56.1 28.0 84.0
150 155.4 0.0 345.6

