

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022228.D
 Acq On : 12 May 2025 16:33
 Operator : SY/MD
 Sample : Q2002-01
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-05092025

Quant Time: May 13 02:23:05 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	30038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	43417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	27727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21954	79.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.260%
35) Dibromofluoromethane	7.634	113	22422	78.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	156.340%#
50) Toluene-d8	10.109	98	40385	37.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.700%
62) 4-Bromofluorobenzene	12.408	95	9436	25.921	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.840%

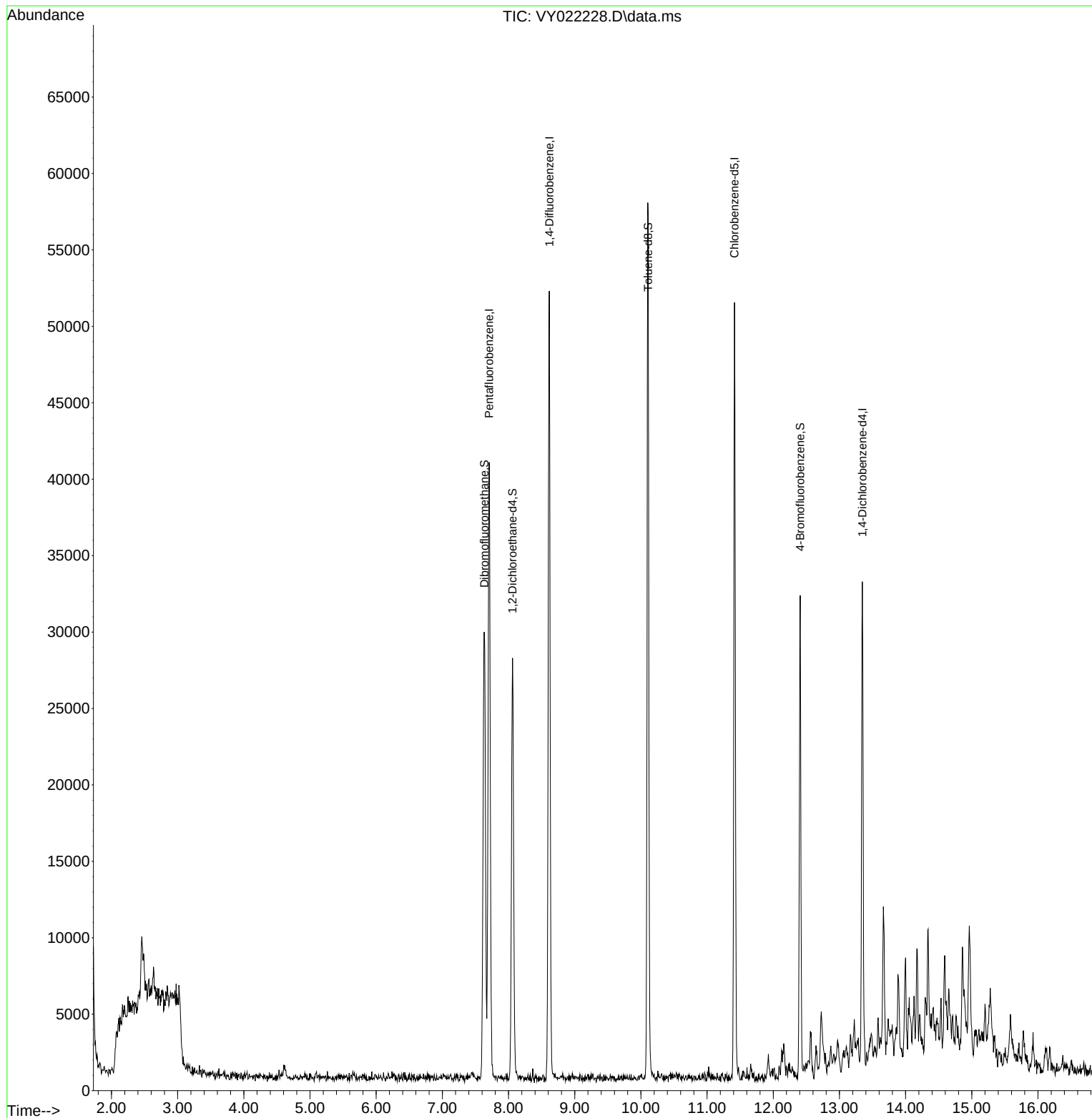
Target Compounds	Qvalue

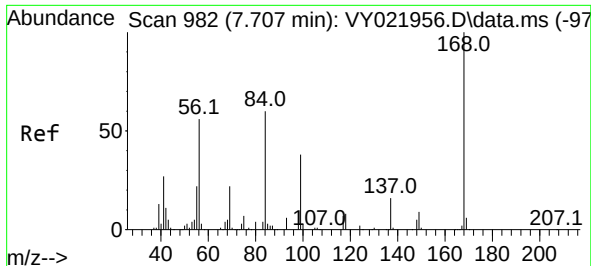
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
Data File : VY022228.D
Acq On : 12 May 2025 16:33
Operator : SY/MD
Sample : Q2002-01
Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-05092025

Quant Time: May 13 02:23:05 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

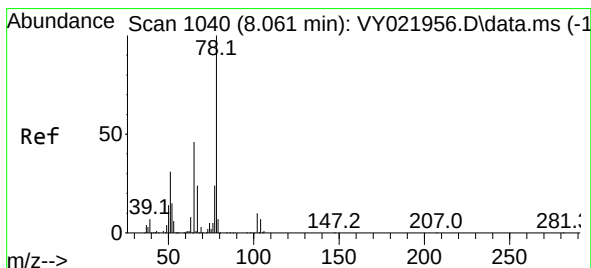
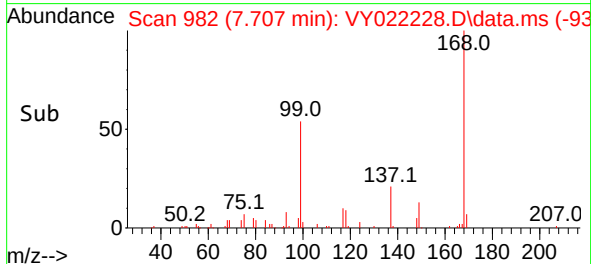
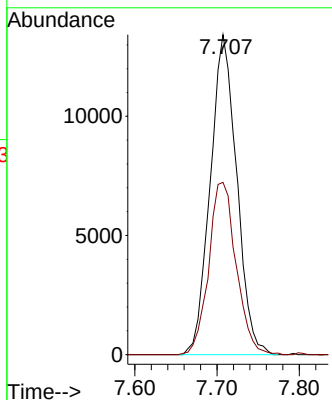
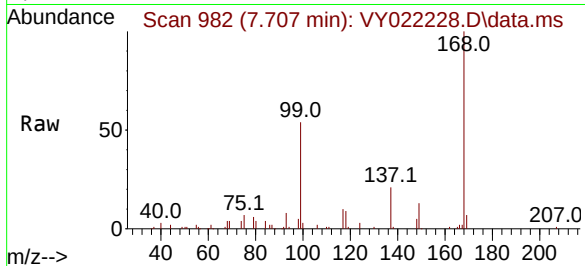




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022228.D
Acq: 12 May 2025 16:33

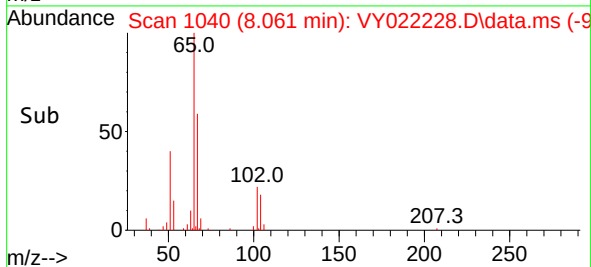
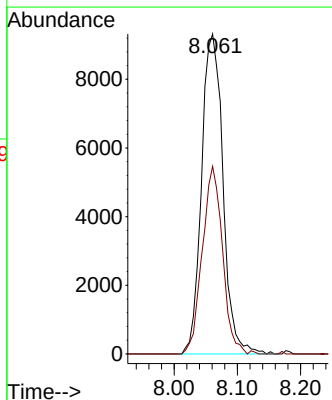
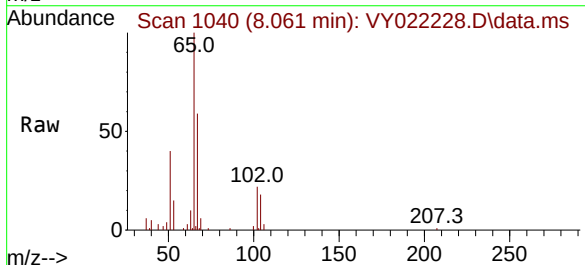
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-05092025

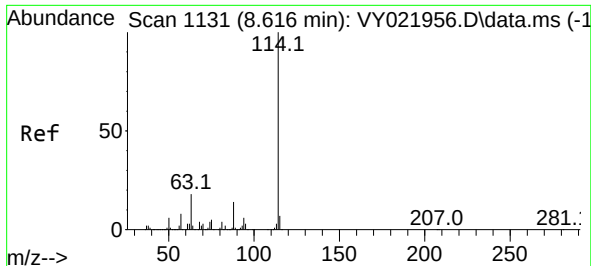
Tgt Ion:168 Resp: 30038
Ion Ratio Lower Upper
168 100
99 53.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 79.126 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022228.D
Acq: 12 May 2025 16:33

Tgt Ion: 65 Resp: 21954
Ion Ratio Lower Upper
65 100
67 55.6 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: VY022228.D

Acq: 12 May 2025 16:33

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-05092025

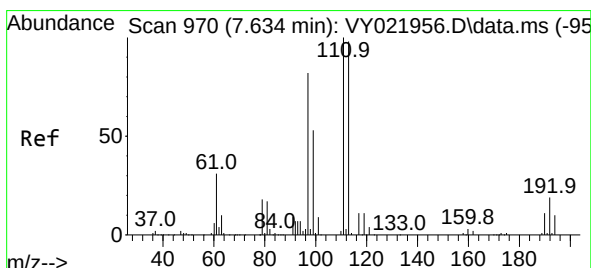
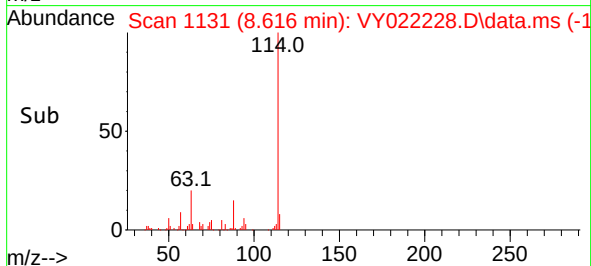
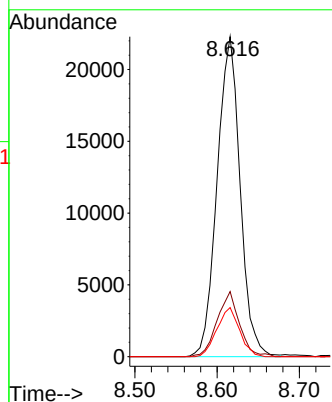
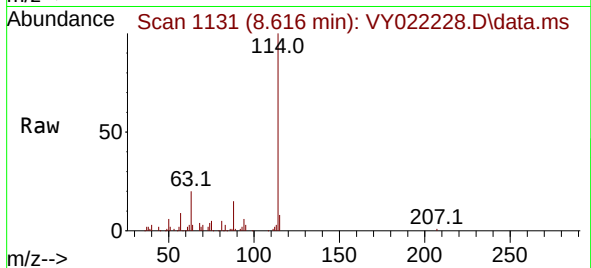
Tgt Ion:114 Resp: 43417

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.4

88 15.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 78.170 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022228.D

Acq: 12 May 2025 16:33

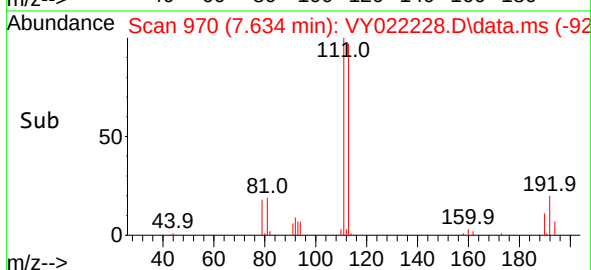
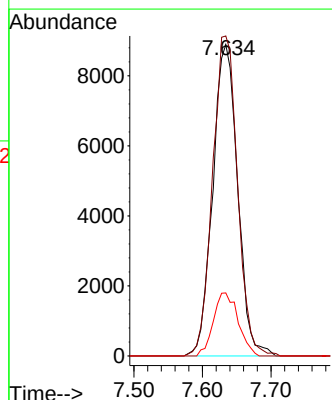
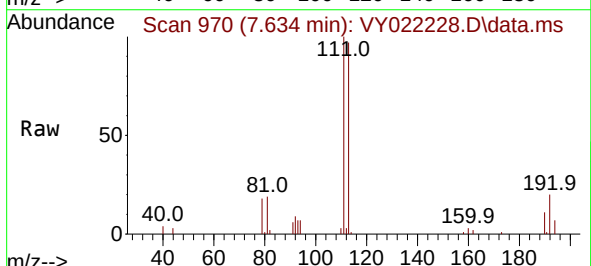
Tgt Ion:113 Resp: 22422

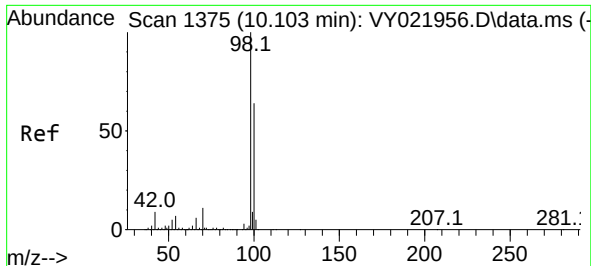
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 20.1 15.6 23.4

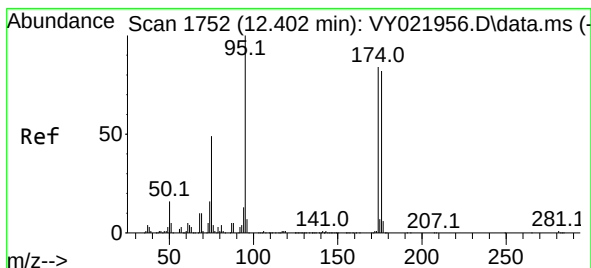
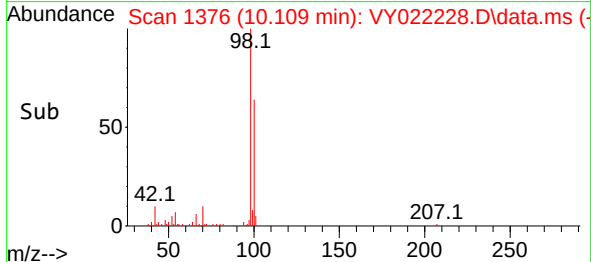
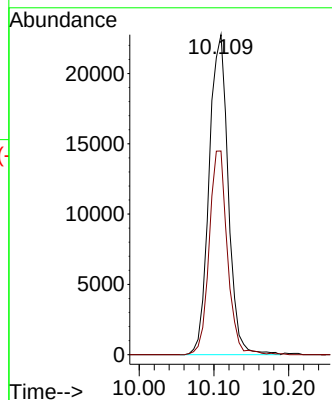
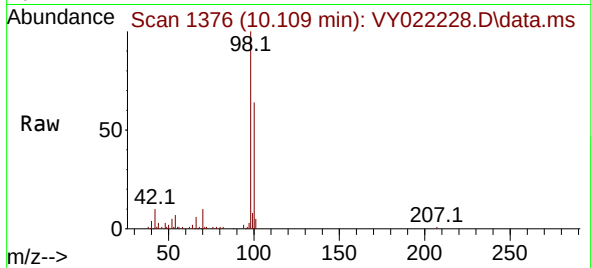




#50
Toluene-d8
Concen: 37.346 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022228.D
Acq: 12 May 2025 16:33

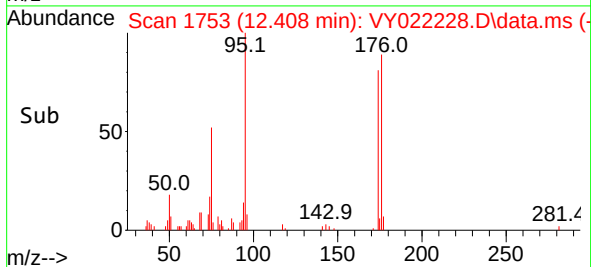
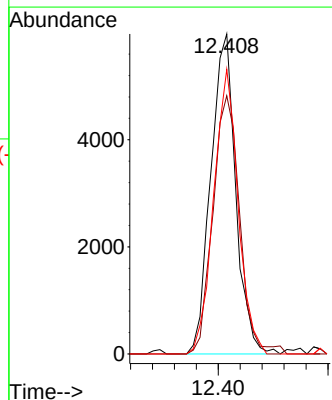
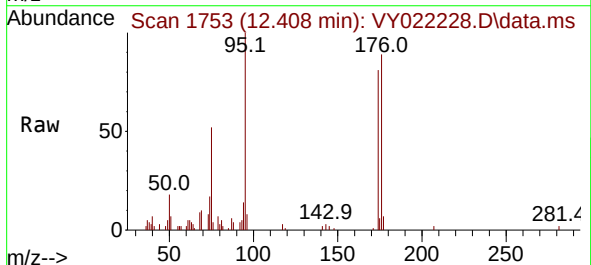
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-05092025

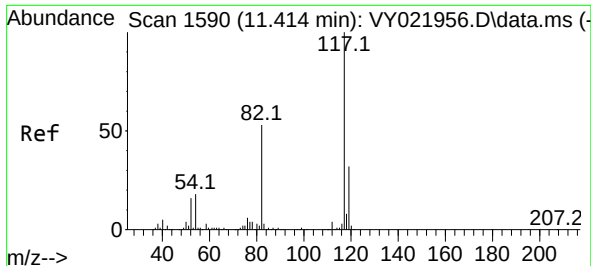
Tgt Ion: 98 Resp: 40385
Ion Ratio Lower Upper
98 100
100 60.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 25.921 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022228.D
Acq: 12 May 2025 16:33

Tgt Ion: 95 Resp: 9436
Ion Ratio Lower Upper
95 100
174 86.6 0.0 179.0
176 87.4 0.0 171.8

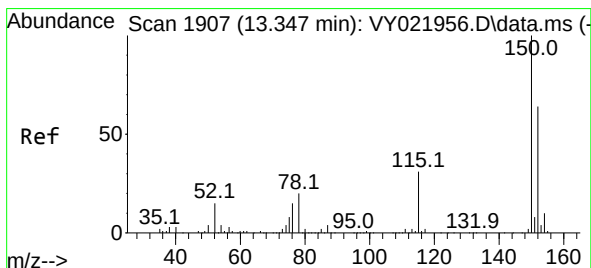
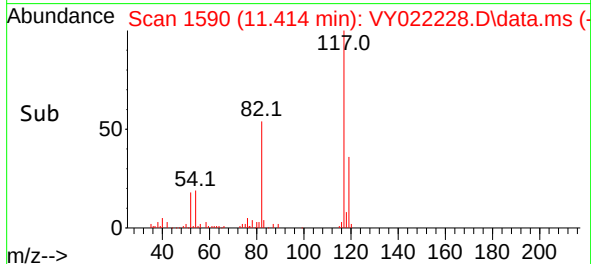
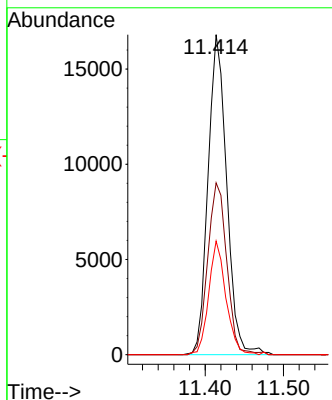
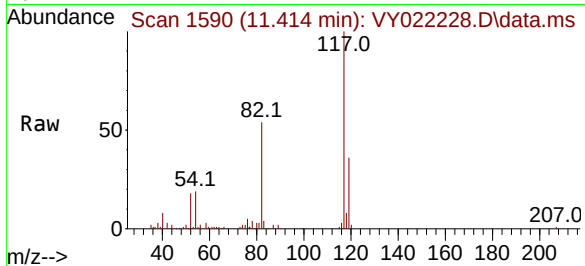




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022228.D
Acq: 12 May 2025 16:33

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-05092025

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.1	63.1
119	35.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022228.D
Acq: 12 May 2025 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	84.0
150	157.0	0.0	345.6

