

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021768.D
 Acq On : 03 Apr 2025 13:10
 Operator : SY/MD
 Sample : Q1685-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-040125

Quant Time: Apr 04 01:30:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	258143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	494176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	462391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	179407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154319	55.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.340%
35) Dibromofluoromethane	7.634	113	166520	51.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.109	98	614928	50.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.408	95	191721	46.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%

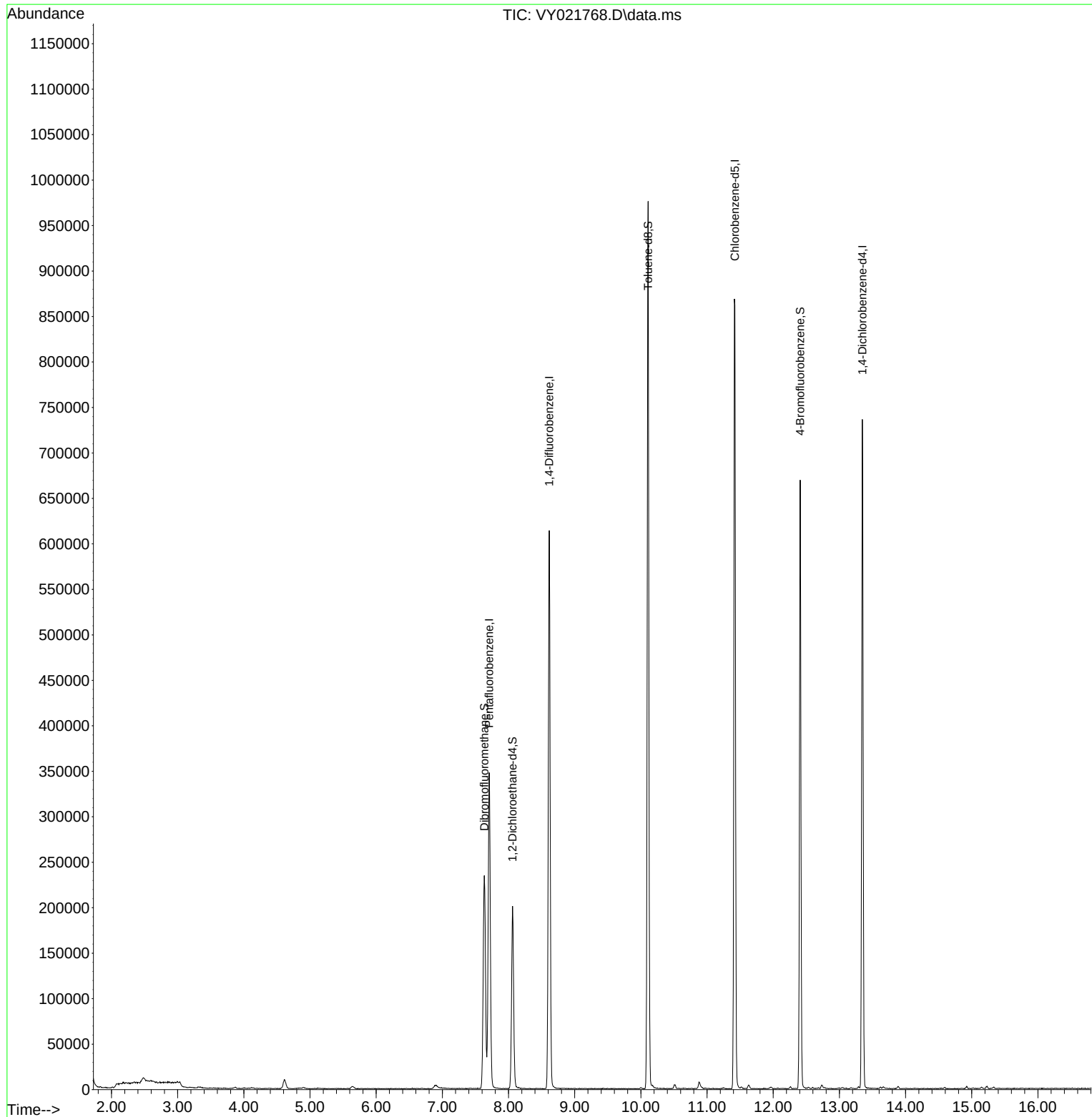
Target Compounds	Qvalue

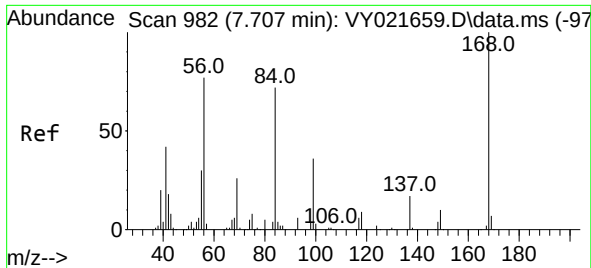
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
Data File : VY021768.D
Acq On : 03 Apr 2025 13:10
Operator : SY/MD
Sample : Q1685-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040125

Quant Time: Apr 04 01:30:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

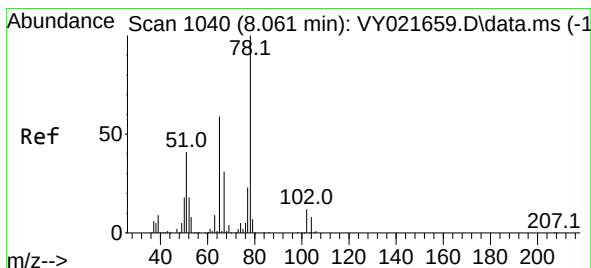
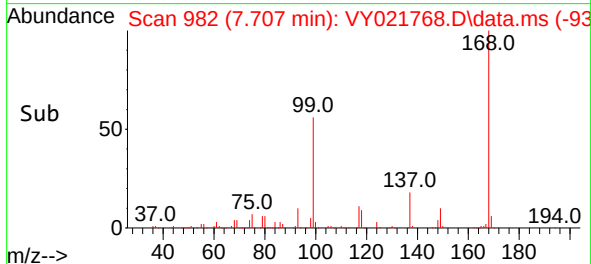
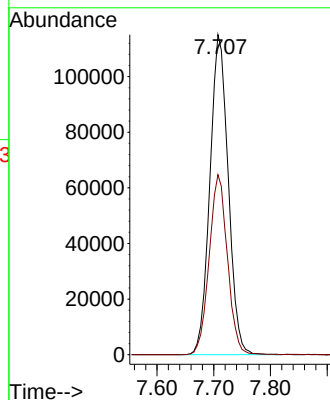
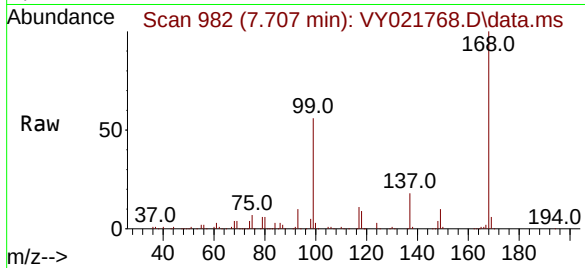




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021768.D
Acq: 03 Apr 2025 13:10

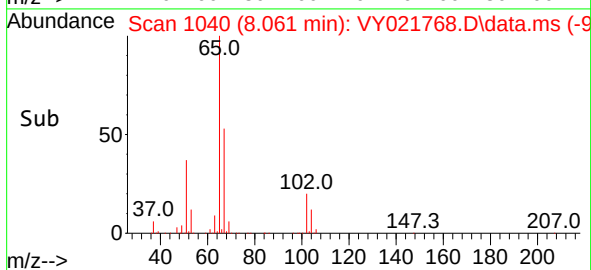
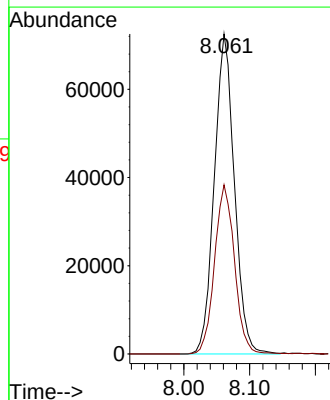
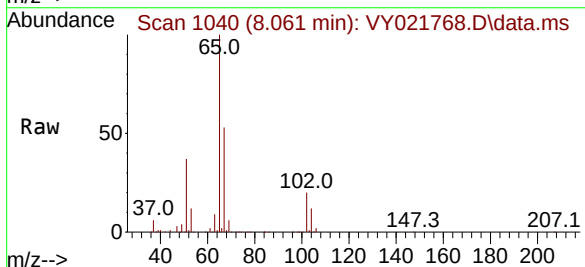
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040125

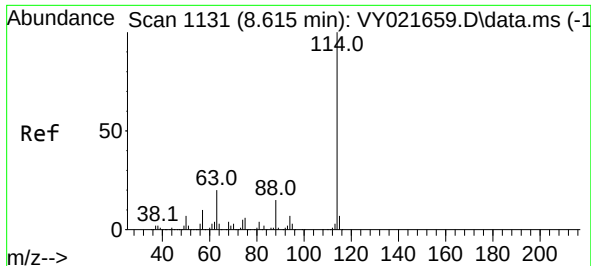
Tgt Ion:168 Resp: 258143
Ion Ratio Lower Upper
168 100
99 56.2 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 55.175 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021768.D
Acq: 03 Apr 2025 13:10

Tgt Ion: 65 Resp: 154319
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

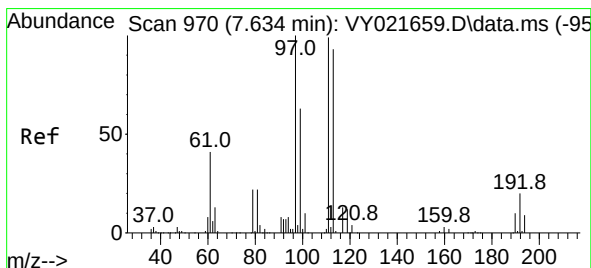
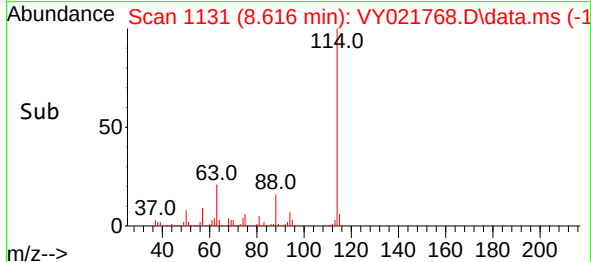
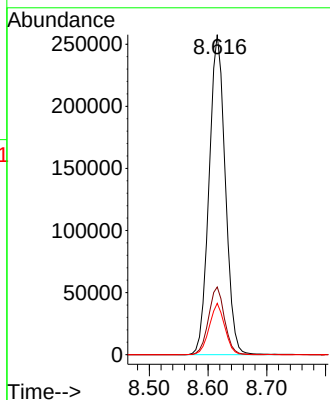
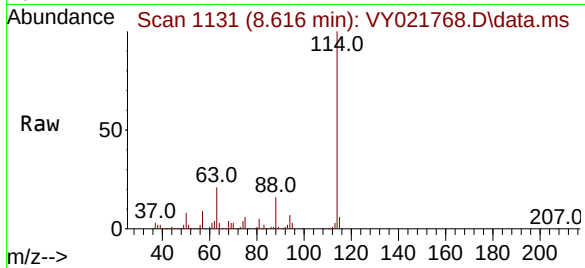




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021768.D
 Acq: 03 Apr 2025 13:10

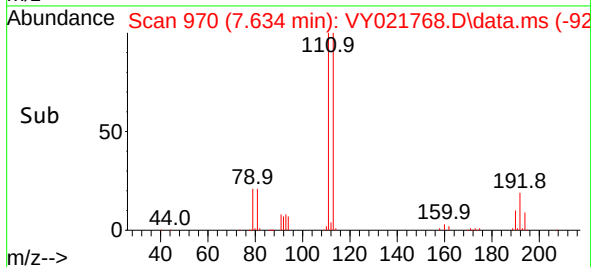
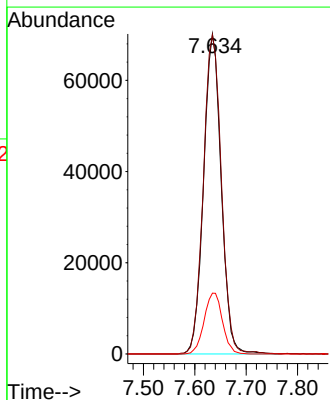
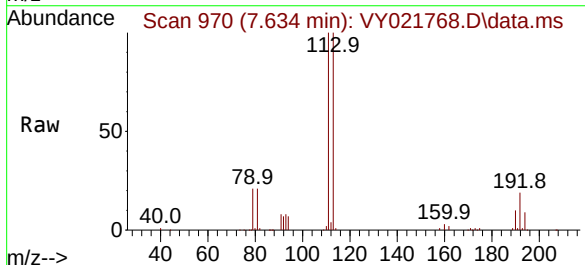
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-040125

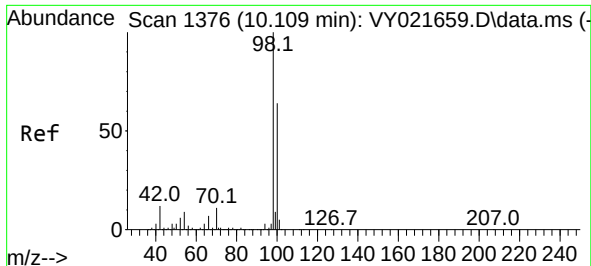
Tgt Ion:114 Resp: 494176
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.2
 88 16.1 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 51.946 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021768.D
 Acq: 03 Apr 2025 13:10

Tgt Ion:113 Resp: 166520
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 19.8 16.2 24.4

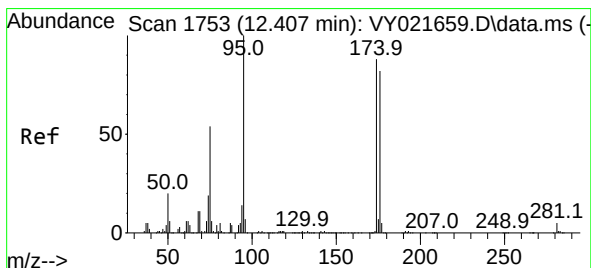
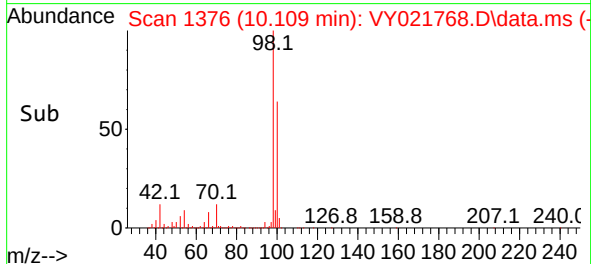
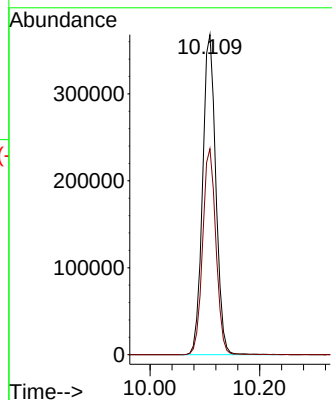
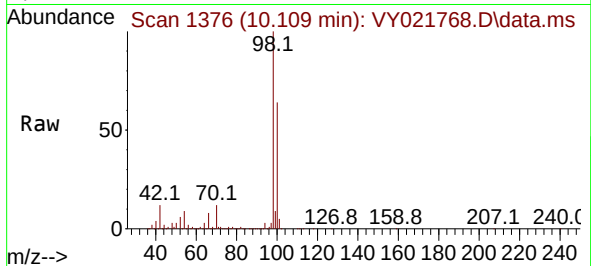




#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021768.D
Acq: 03 Apr 2025 13:10

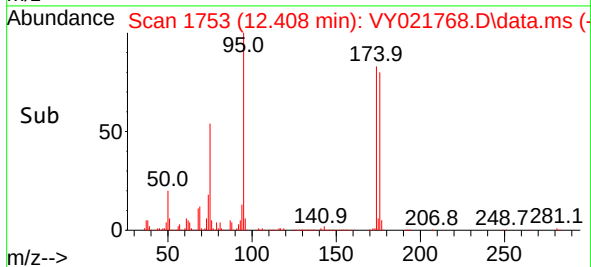
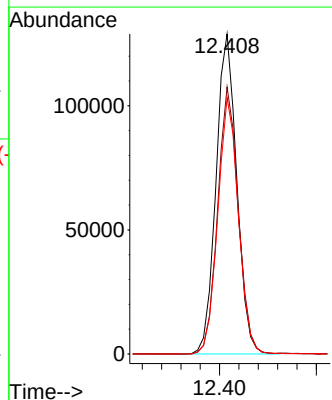
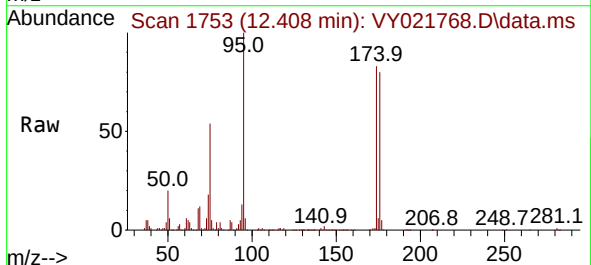
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040125

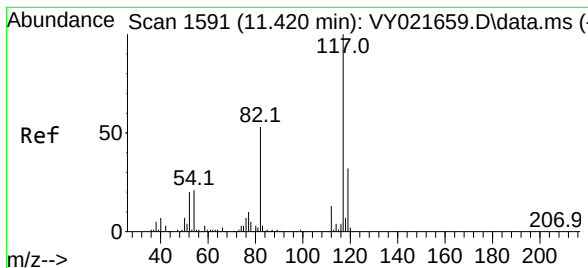
Tgt Ion: 98 Resp: 614928
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.478 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021768.D
Acq: 03 Apr 2025 13:10

Tgt Ion: 95 Resp: 191721
Ion Ratio Lower Upper
95 100
174 82.9 0.0 170.8
176 79.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021768.D

Acq: 03 Apr 2025 13:10

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-040125

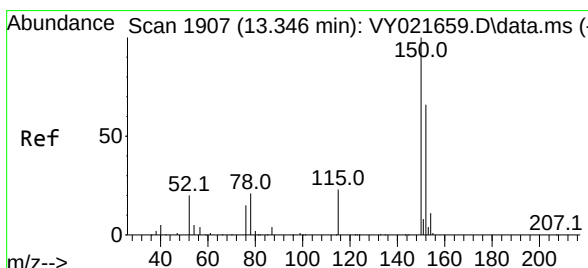
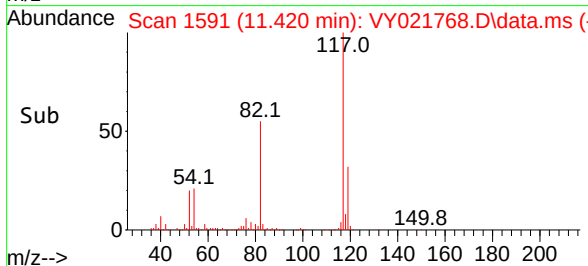
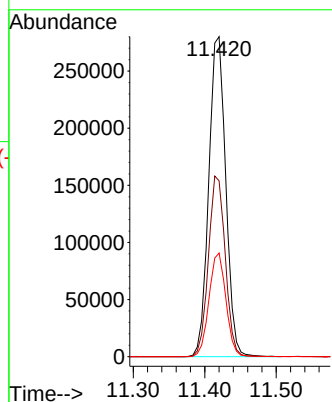
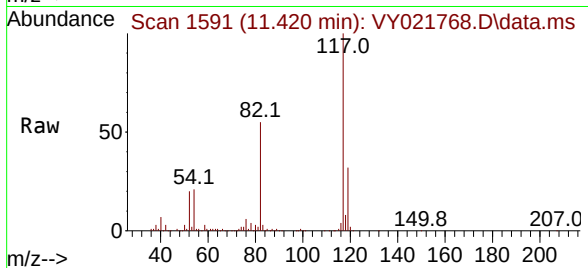
Tgt Ion:117 Resp: 462391

Ion Ratio Lower Upper

117 100

82 55.0 42.8 64.2

119 32.4 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: VY021768.D

Acq: 03 Apr 2025 13:10

Tgt Ion:152 Resp: 179407

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 157.1 0.0 348.4

