

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022015.D
 Acq On : 25 Apr 2025 17:49
 Operator : SY/MD
 Sample : Q1883-09
 Misc : 12.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-31-042325

Quant Time: Apr 25 22:57:31 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	95883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	147132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	117962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	37949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	38844	43.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.720%
35) Dibromofluoromethane	7.634	113	52670	54.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.380%
50) Toluene-d8	10.103	98	172289	47.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.401	95	38584	31.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.560%

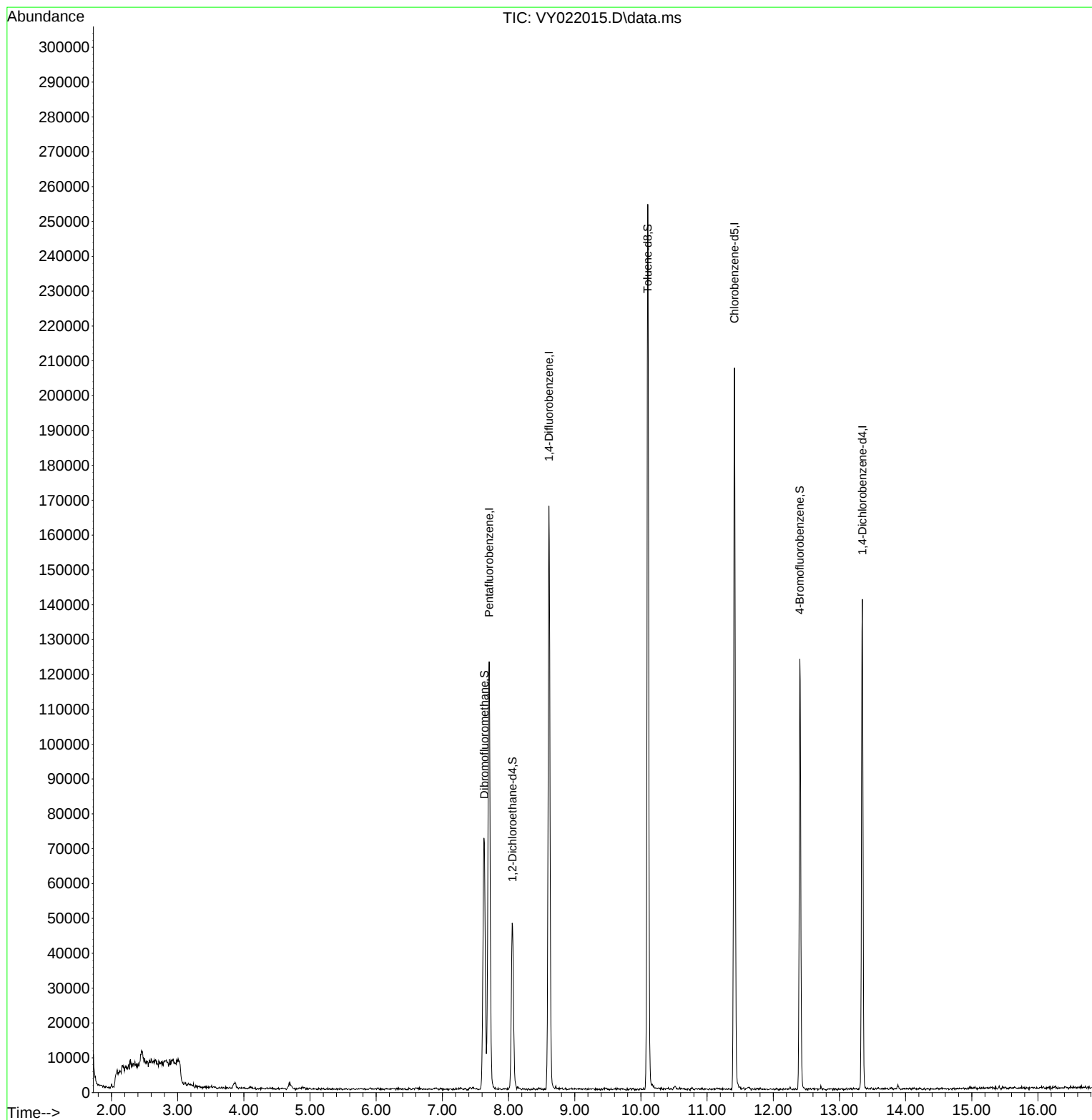
Target Compounds	Qvalue

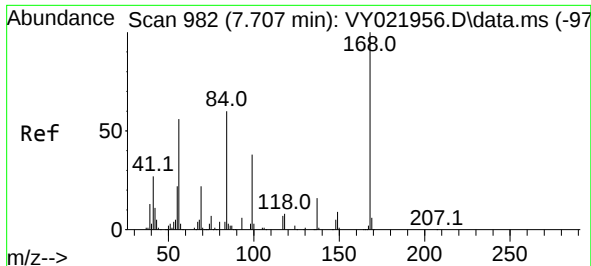
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
Data File : VY022015.D
Acq On : 25 Apr 2025 17:49
Operator : SY/MD
Sample : Q1883-09
Misc : 12.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-31-042325

Quant Time: Apr 25 22:57:31 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

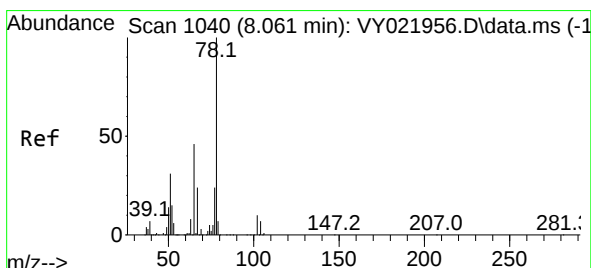
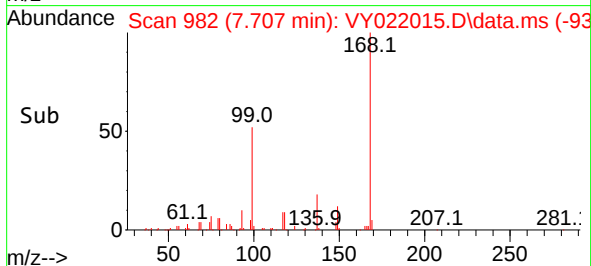
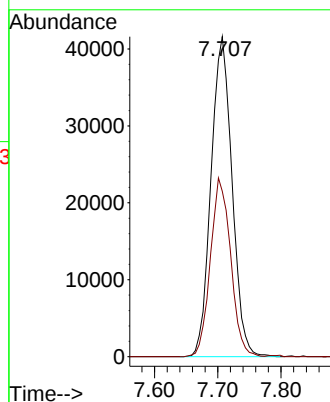
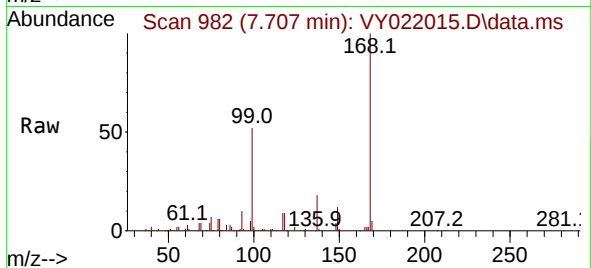




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022015.D
Acq: 25 Apr 2025 17:49

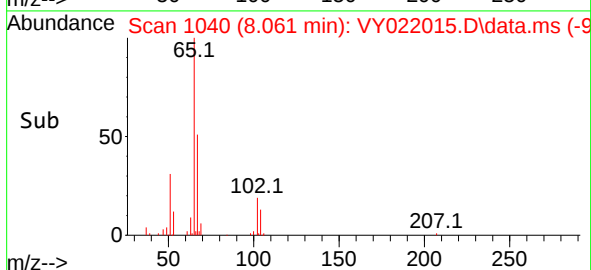
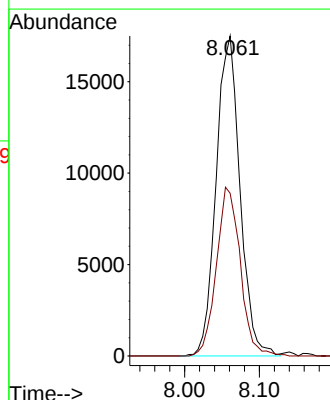
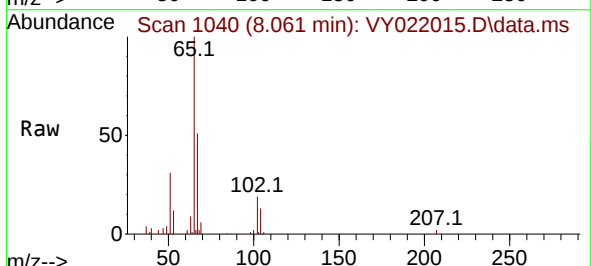
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-31-042325

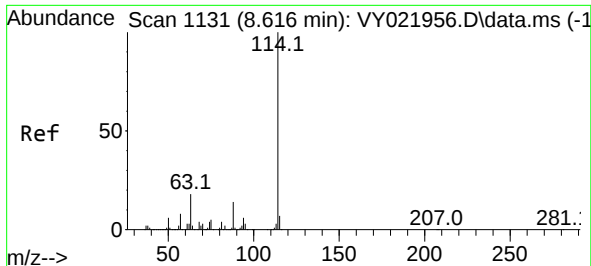
Tgt Ion:168 Resp: 95883
Ion Ratio Lower Upper
168 100
99 51.7 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 43.859 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022015.D
Acq: 25 Apr 2025 17:49

Tgt Ion: 65 Resp: 38844
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022015.D

Acq: 25 Apr 2025 17:49

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-31-042325

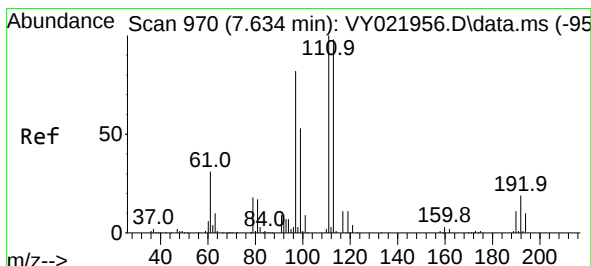
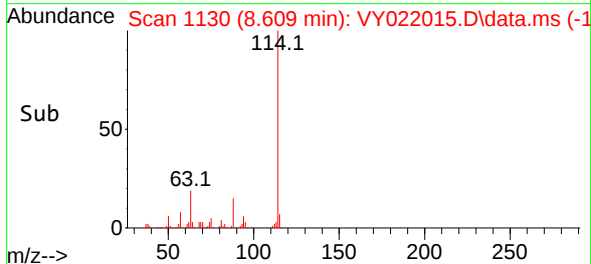
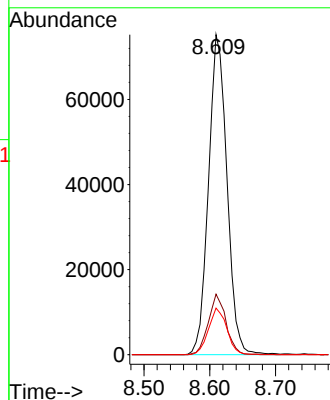
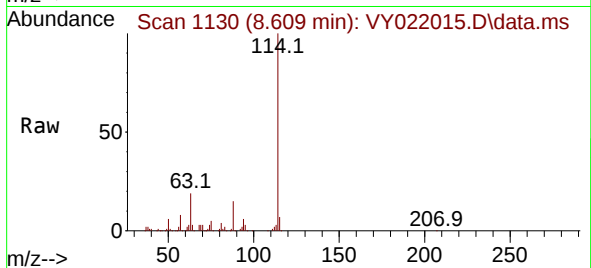
Tgt Ion:114 Resp: 147132

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.4

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 54.185 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022015.D

Acq: 25 Apr 2025 17:49

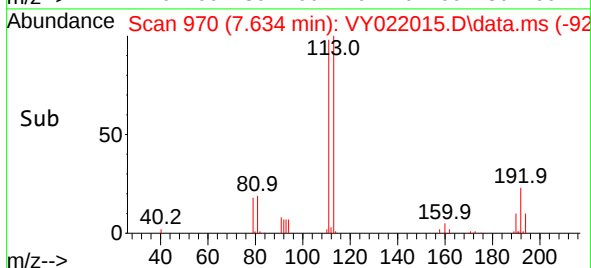
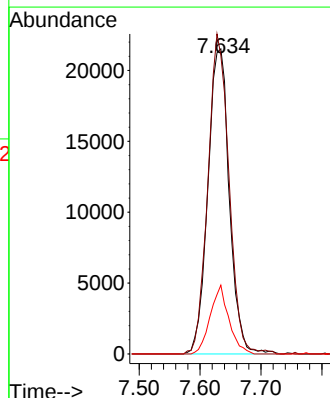
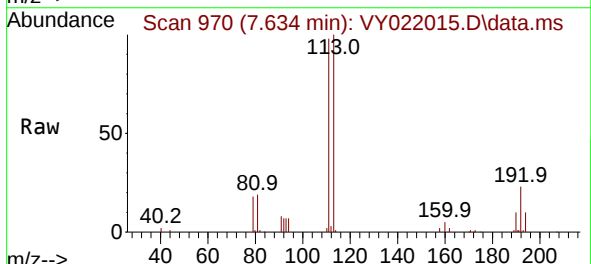
Tgt Ion:113 Resp: 52670

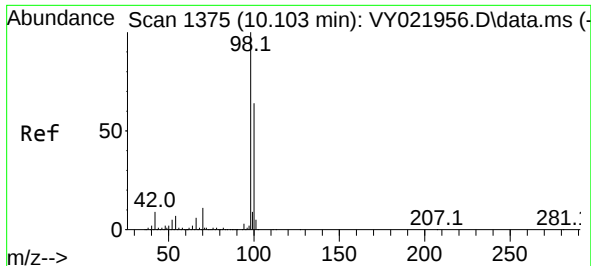
Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 19.6 15.6 23.4

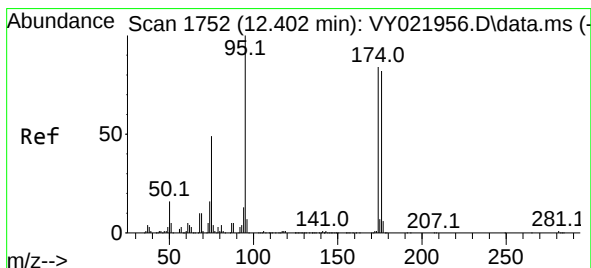
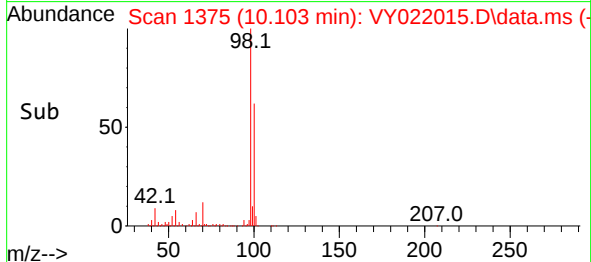
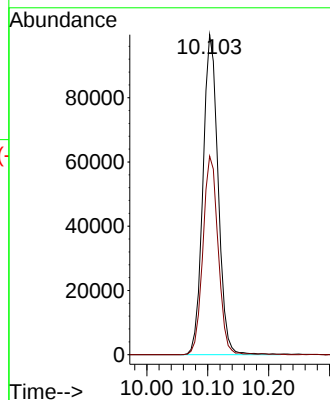
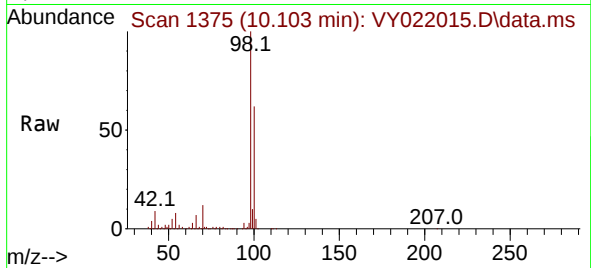




#50
Toluene-d8
Concen: 47.015 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022015.D
Acq: 25 Apr 2025 17:49

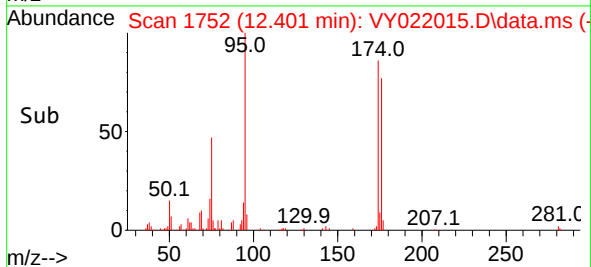
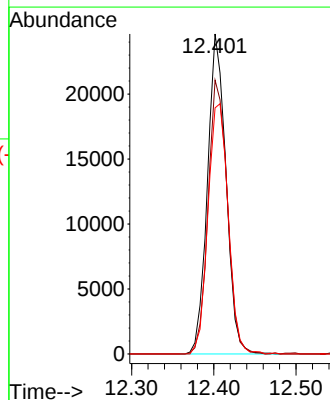
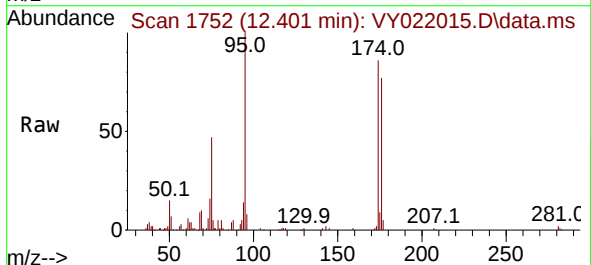
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-31-042325

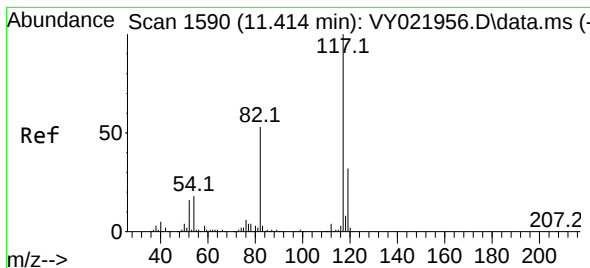
Tgt Ion: 98 Resp: 172289
Ion Ratio Lower Upper
98 100
100 62.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.277 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022015.D
Acq: 25 Apr 2025 17:49

Tgt Ion: 95 Resp: 38584
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.0
176 85.5 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: VY022015.D

Acq: 25 Apr 2025 17:49

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-31-042325

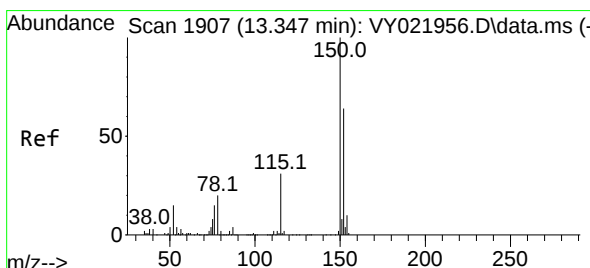
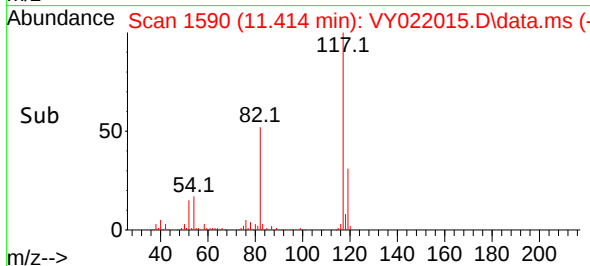
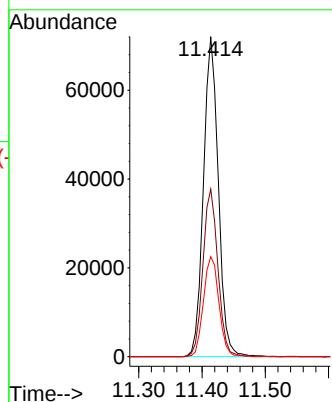
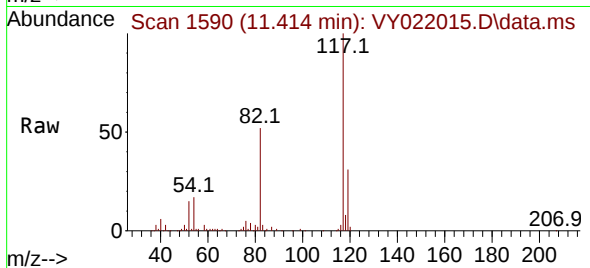
Tgt Ion:117 Resp: 117962

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

119 31.2 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: VY022015.D

Acq: 25 Apr 2025 17:49

Tgt Ion:152 Resp: 37949

Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 157.5 0.0 345.6

