

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021605.D
 Acq On : 21 Mar 2025 17:22
 Operator : SY/MD
 Sample : Q1610-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 21 23:12:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	202874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	401017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	376483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150210	70.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.100%
35) Dibromofluoromethane	7.634	113	143954	54.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.220%
50) Toluene-d8	10.109	98	497927	49.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.407	95	156632	46.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%

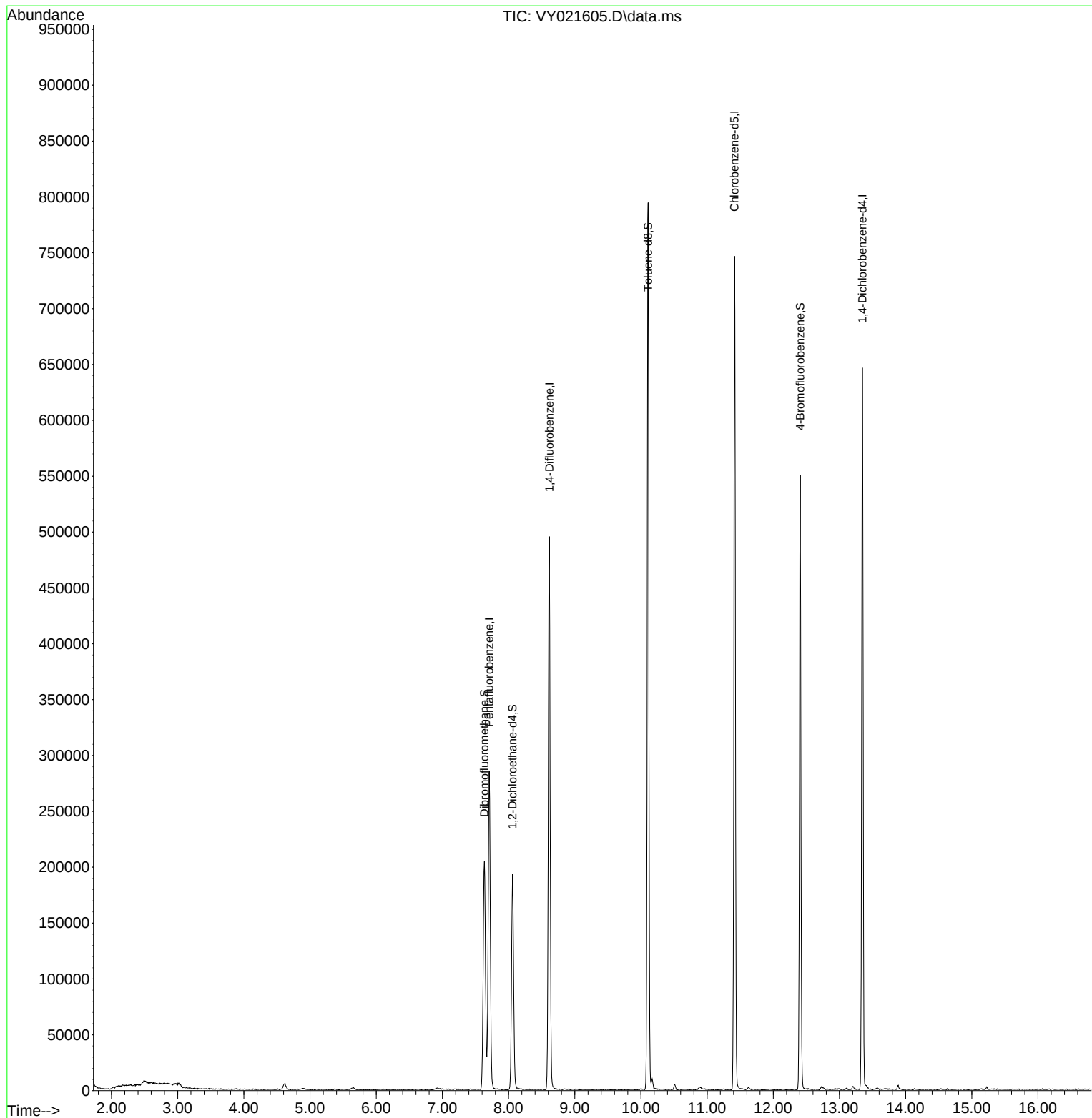
Target Compounds	Qvalue

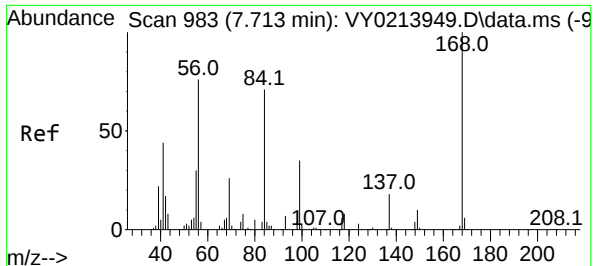
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
Data File : VY021605.D
Acq On : 21 Mar 2025 17:22
Operator : SY/MD
Sample : Q1610-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

Quant Time: Mar 21 23:12:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

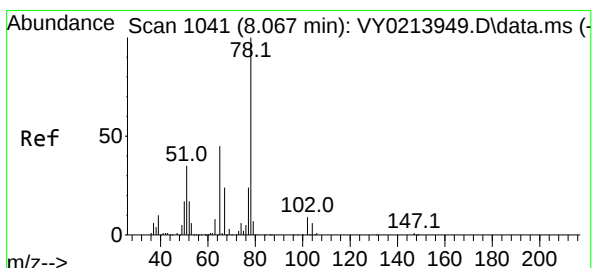
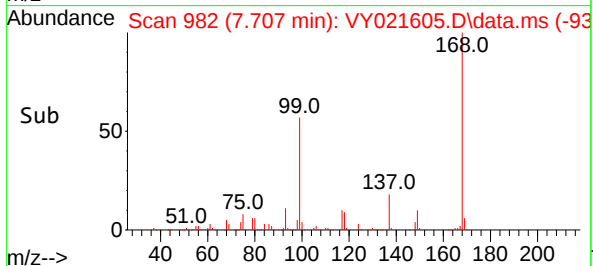
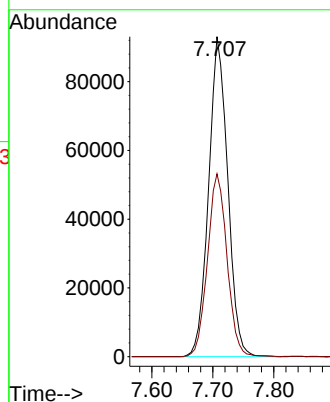
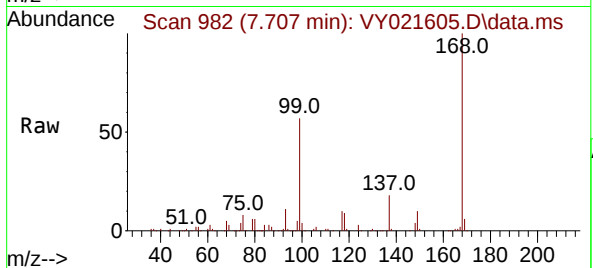




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

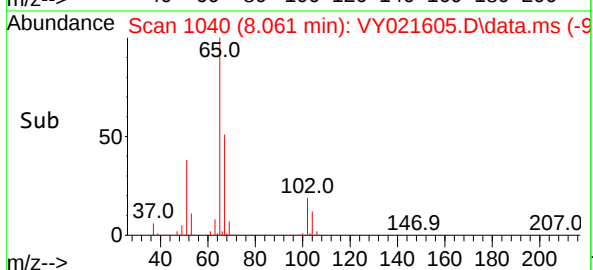
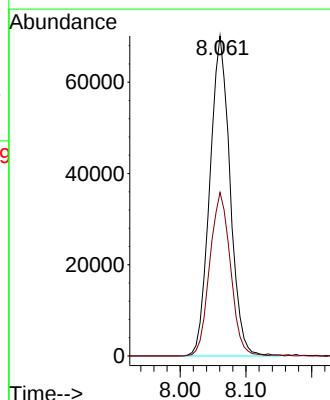
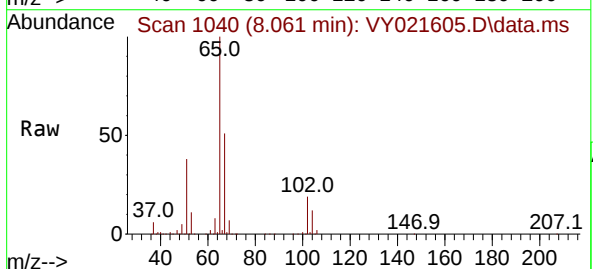
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

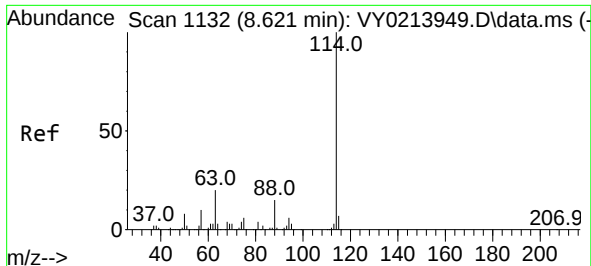
Tgt Ion:168 Resp: 202874
Ion Ratio Lower Upper
168 100
99 57.1 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 70.052 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 65 Resp: 150210
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8

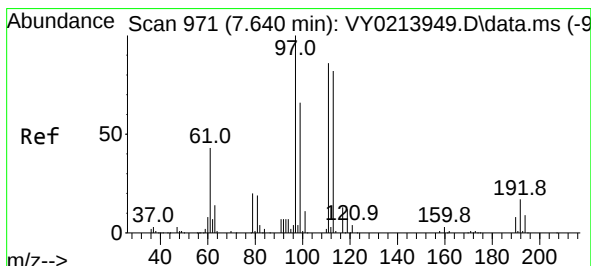
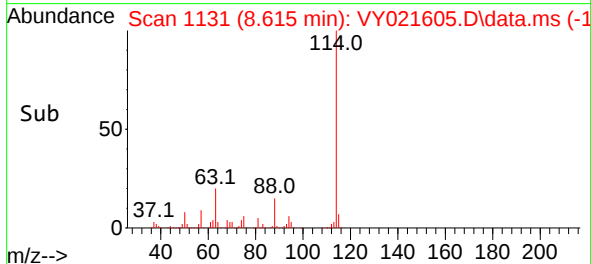
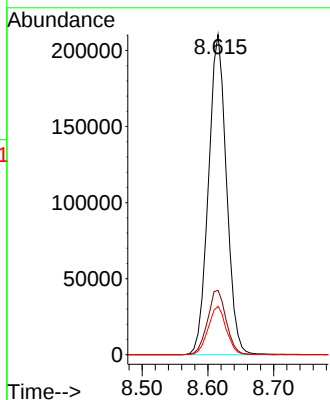
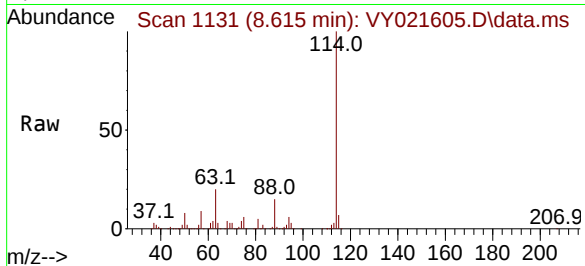




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

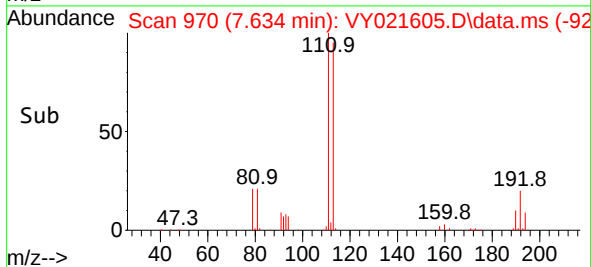
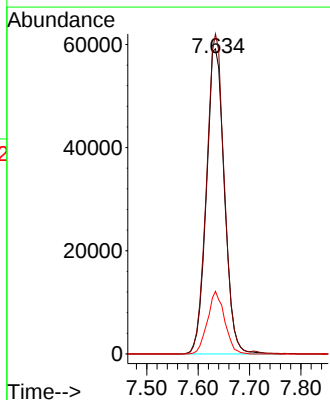
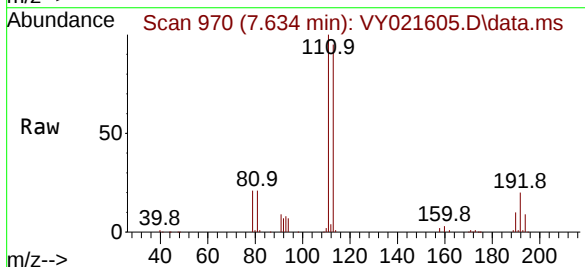
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

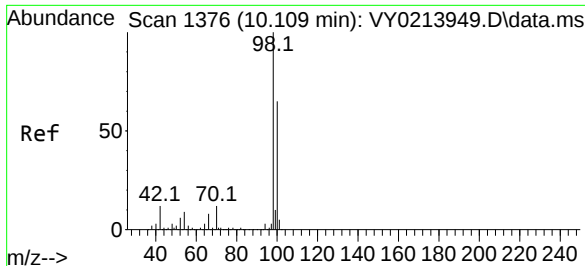
Tgt Ion:114 Resp: 401017
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.612 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion:113 Resp: 143954
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 19.5 15.9 23.9

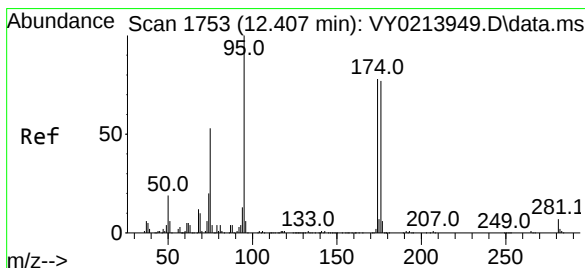
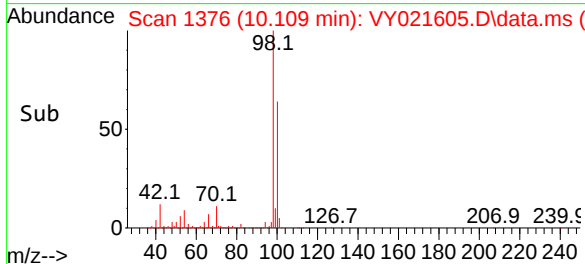
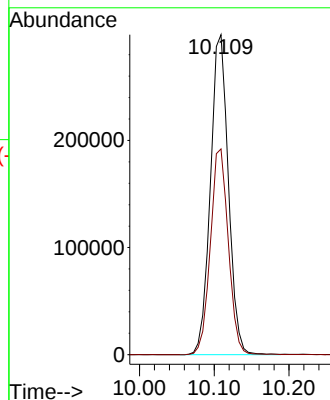
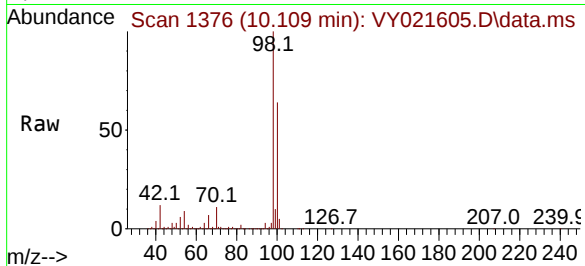




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

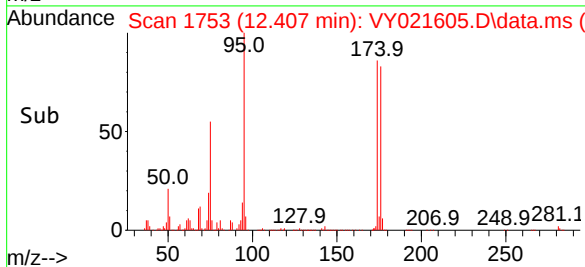
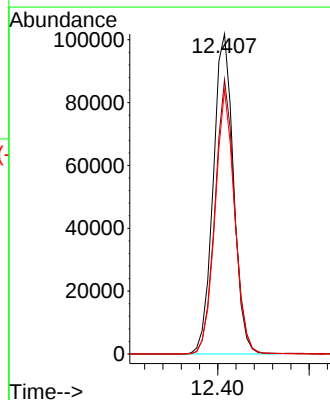
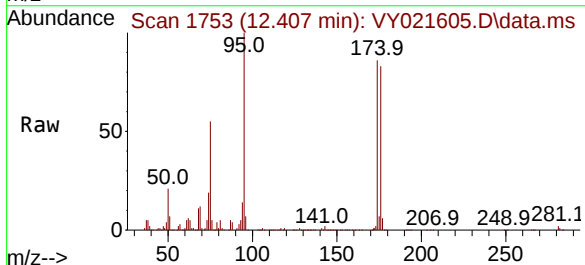
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

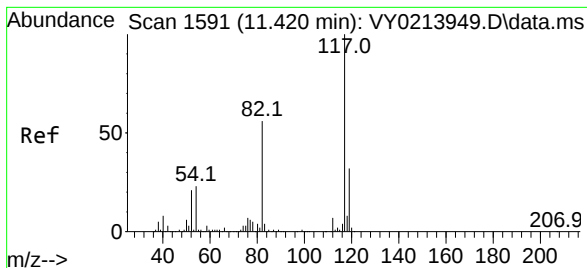
Tgt Ion: 98 Resp: 497927
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021605.D
Acq: 21 Mar 2025 17:22

Tgt Ion: 95 Resp: 156632
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 79.4 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021605.D

Acq: 21 Mar 2025 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE

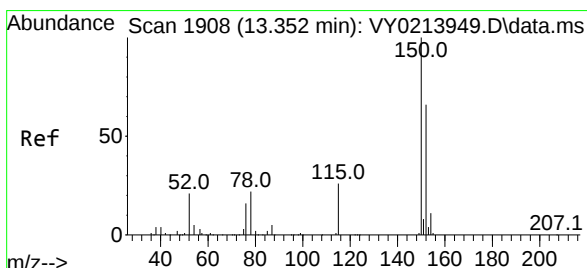
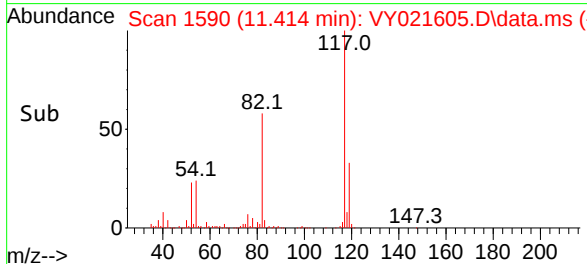
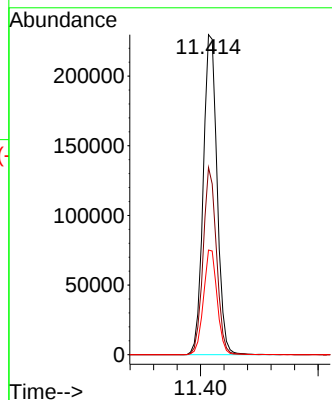
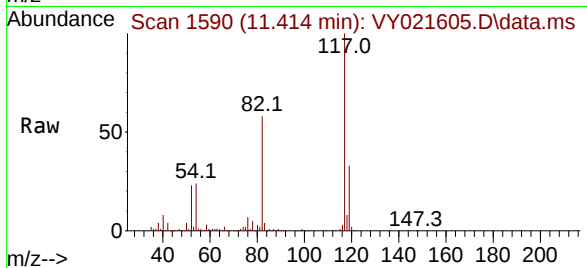
Tgt Ion:117 Resp: 376483

Ion Ratio Lower Upper

117 100

82 58.5 44.6 67.0

119 32.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021605.D

Acq: 21 Mar 2025 17:22

Tgt Ion:152 Resp: 153712

Ion Ratio Lower Upper

152 100

115 59.4 29.0 87.0

150 156.0 0.0 347.2

