

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022921.D
 Acq On : 02 Jul 2025 18:40
 Operator : SY/MD
 Sample : Q2487-01
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G4(1.5)

Quant Time: Jul 03 02:27:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

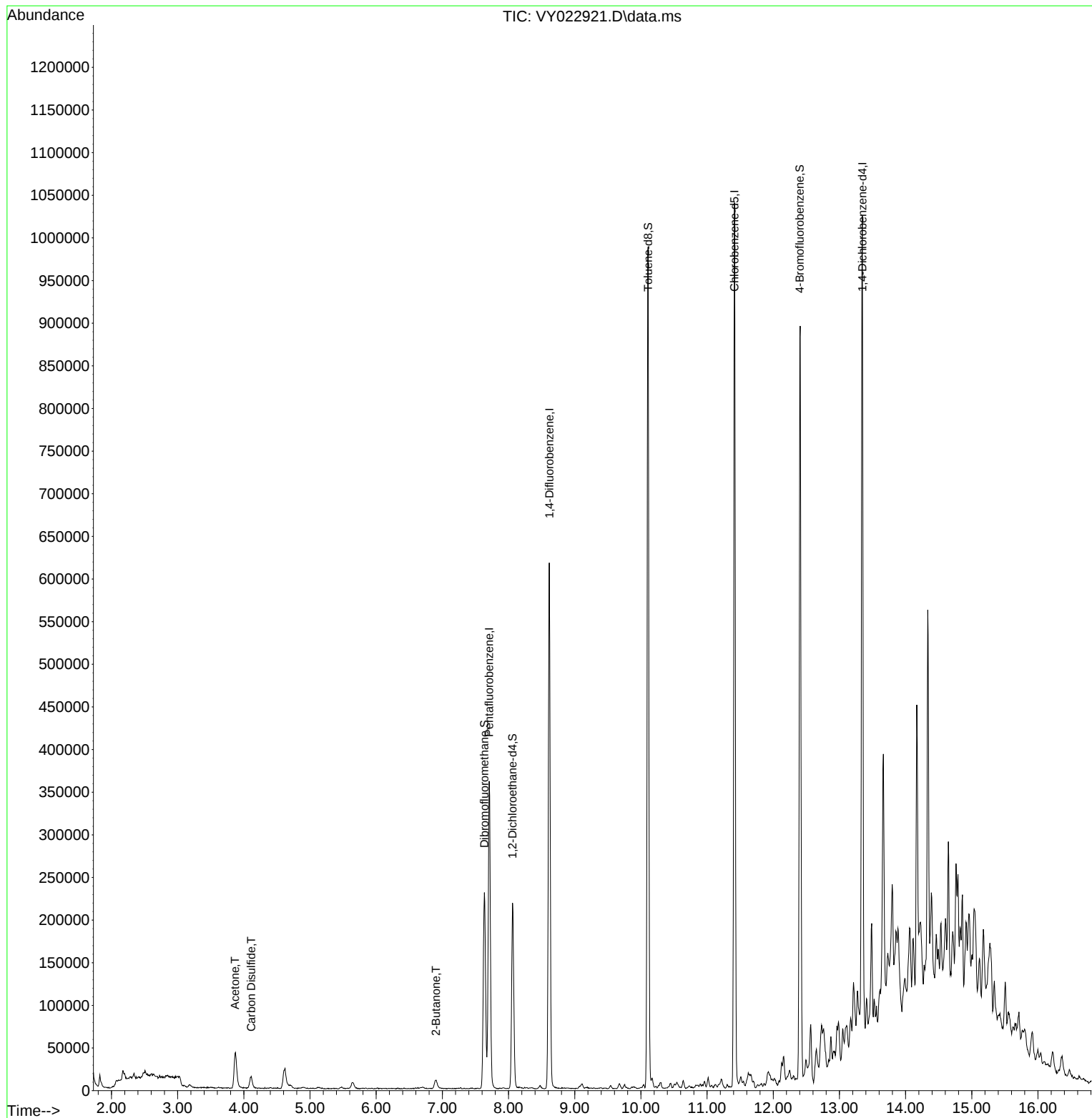
Internal Standards						
1) Pentafluorobenzene	7.707	168	264395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	502015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	521777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	234093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169167	57.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.660%
35) Dibromofluoromethane	7.634	113	165607	54.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.480%
50) Toluene-d8	10.109	98	633022	52.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.401	95	233791	60.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.060%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	76312	136.822	ug/l	100
17) Carbon Disulfide	4.110	76	26935	3.116	ug/l #	94
25) 2-Butanone	6.902	43	17655	21.749	ug/l	94

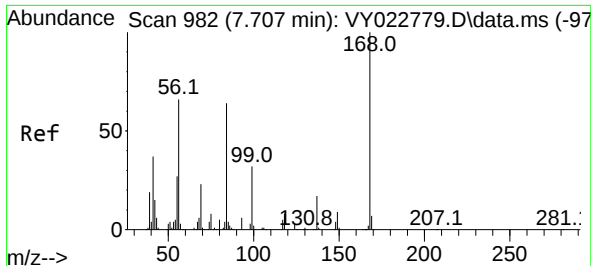
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
Data File : VY022921.D
Acq On : 02 Jul 2025 18:40
Operator : SY/MD
Sample : Q2487-01
Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

Quant Time: Jul 03 02:27:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

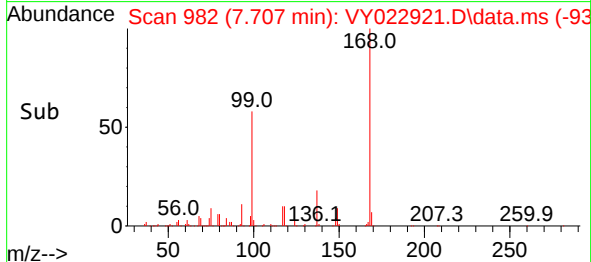
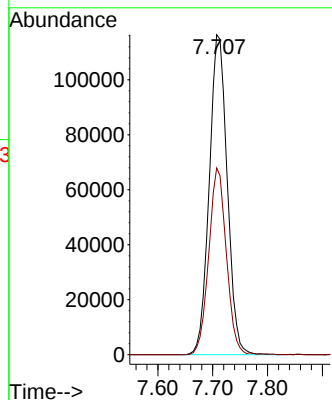
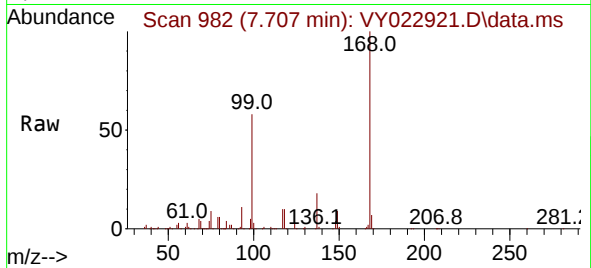




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

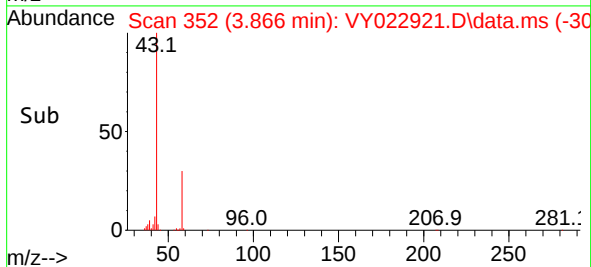
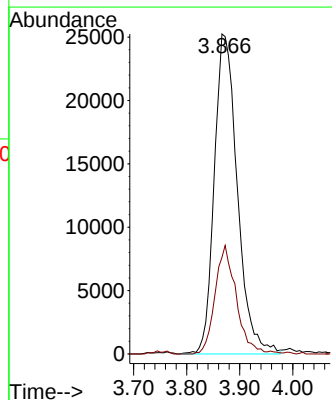
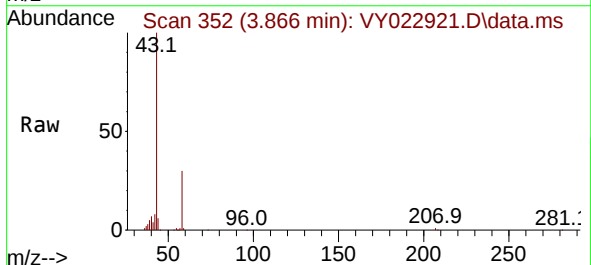
Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

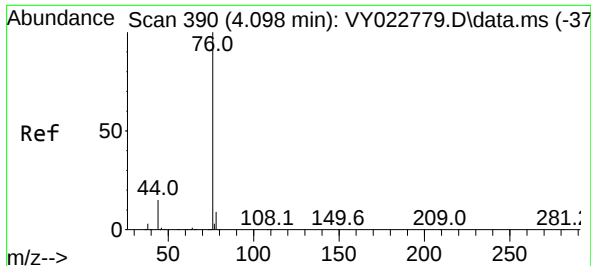
Tgt Ion:168 Resp: 264395
Ion Ratio Lower Upper
168 100
99 58.4 44.3 66.5



#16
Acetone
Concen: 136.822 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

Tgt Ion: 43 Resp: 76312
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0

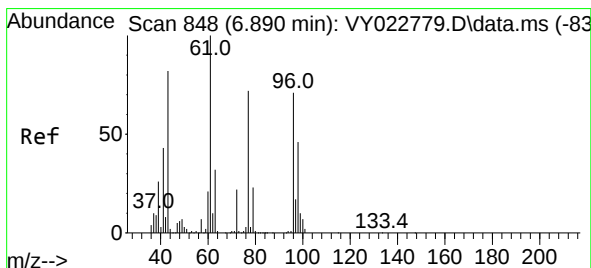
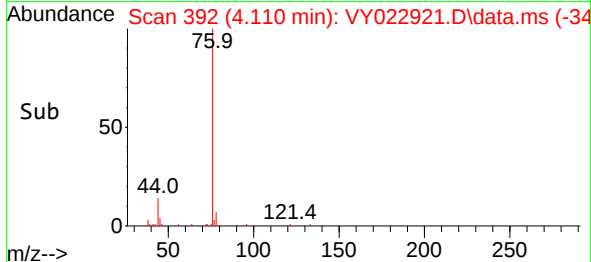
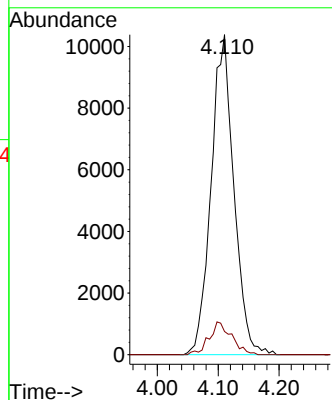
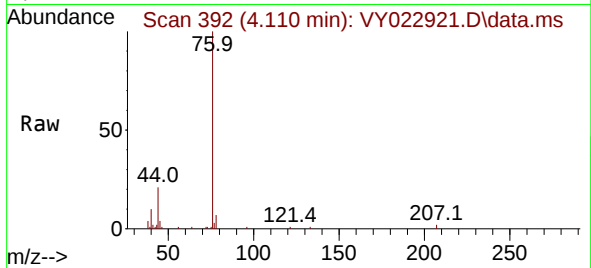




#17
Carbon Disulfide
Concen: 3.116 ug/l
RT: 4.110 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

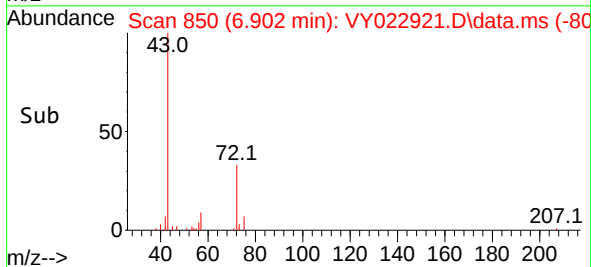
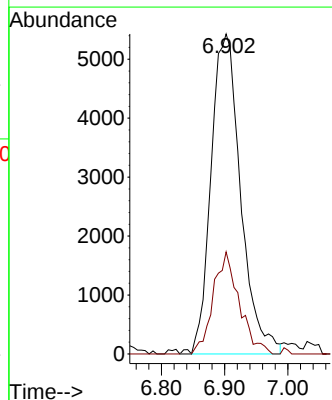
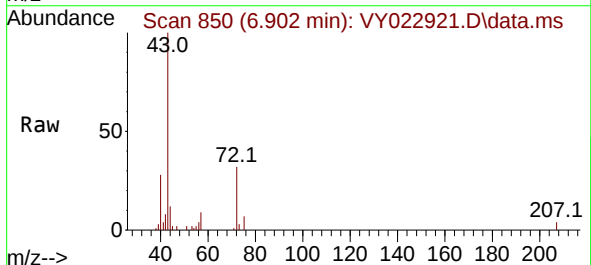
Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

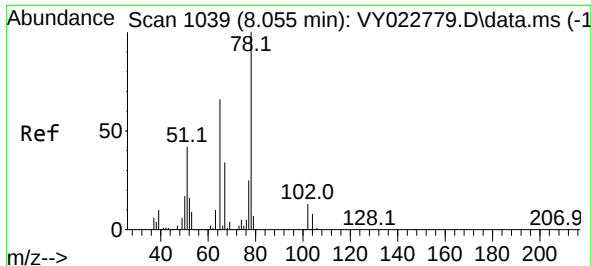
Tgt Ion: 76 Resp: 26935
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.2#



#25
2-Butanone
Concen: 21.749 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

Tgt Ion: 43 Resp: 17655
Ion Ratio Lower Upper
43 100
72 31.9 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 57.327 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022921.D

Acq: 02 Jul 2025 18:40

Instrument :

MSVOA_Y

ClientSampleId :

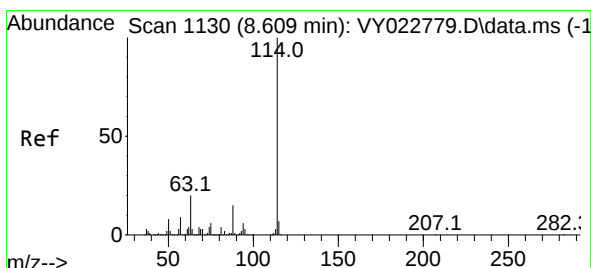
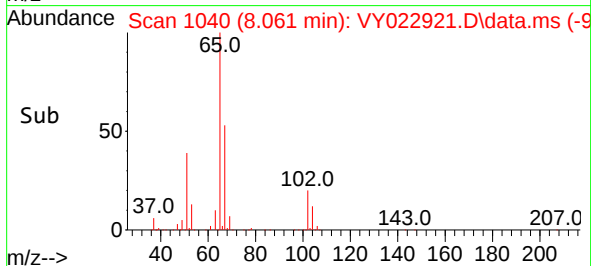
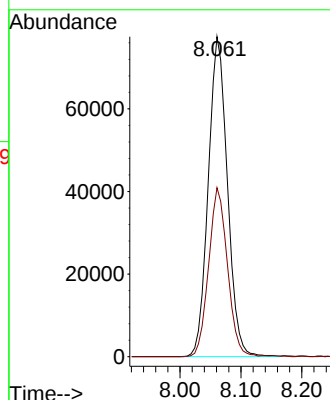
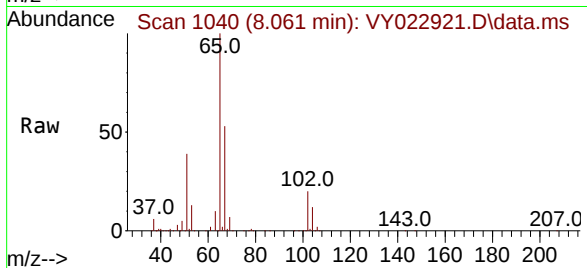
G4(1.5)

Tgt Ion: 65 Resp: 169167

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022921.D

Acq: 02 Jul 2025 18:40

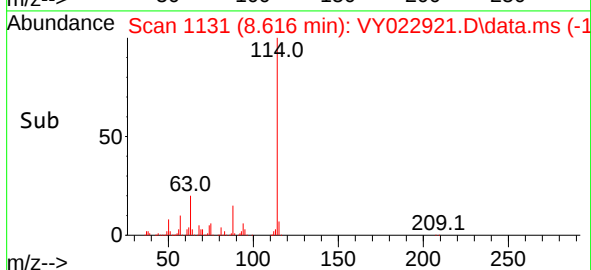
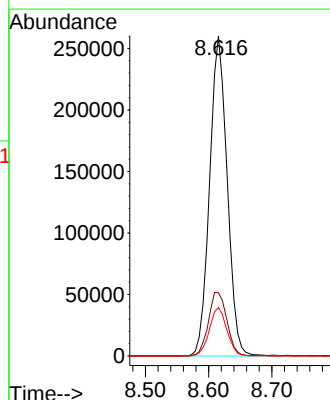
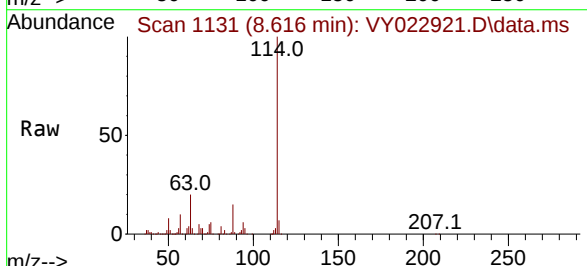
Tgt Ion:114 Resp: 502015

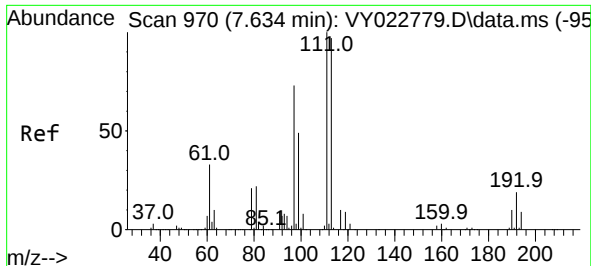
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.1 0.0 27.8

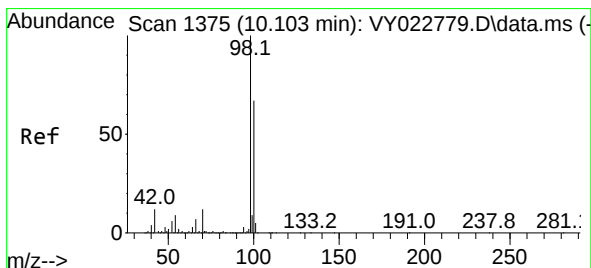
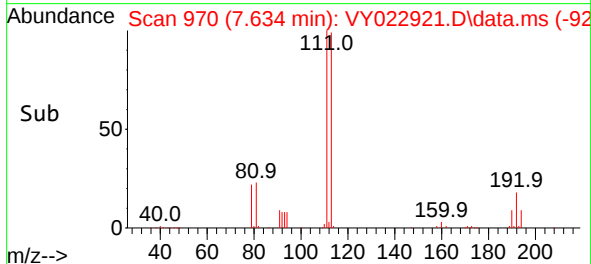
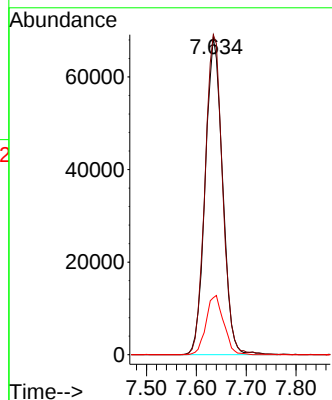
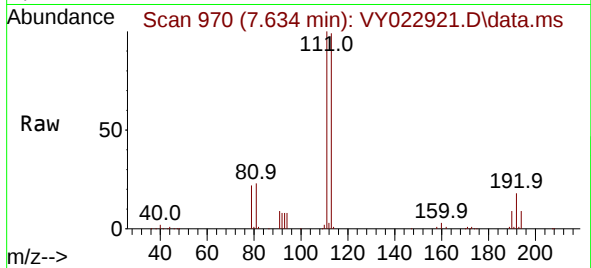




#35
Dibromofluoromethane
Concen: 54.244 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

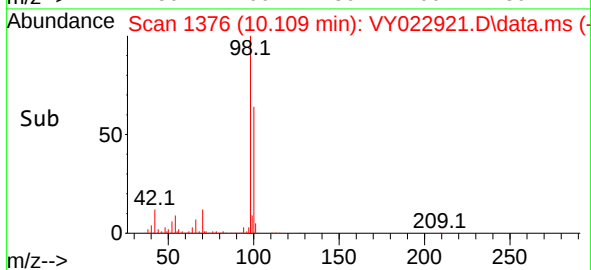
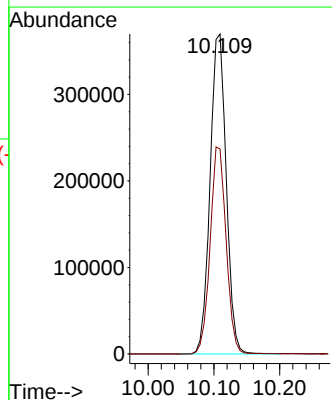
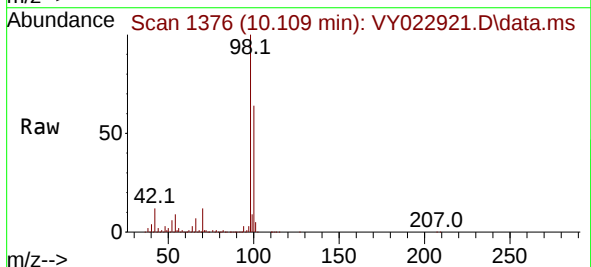
Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

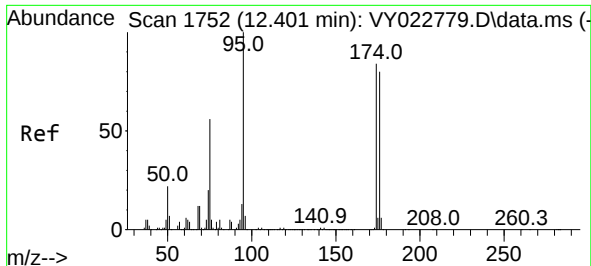
Tgt Ion:113 Resp: 165607
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 19.0 14.2 21.2



#50
Toluene-d8
Concen: 52.252 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

Tgt Ion: 98 Resp: 633022
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

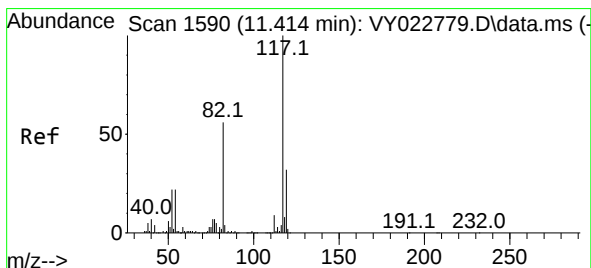
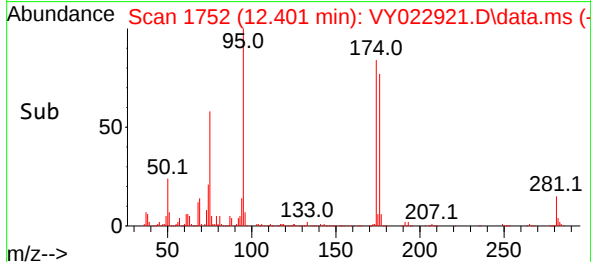
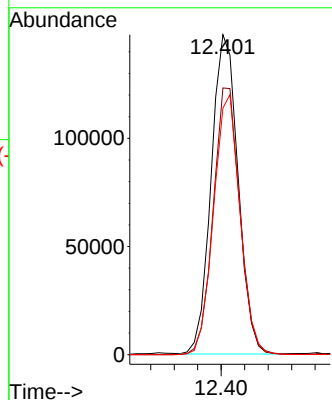
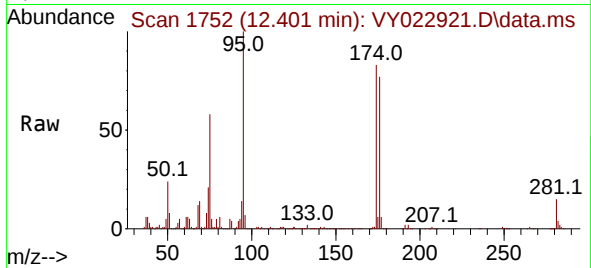




#62
4-Bromofluorobenzene
Concen: 60.031 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

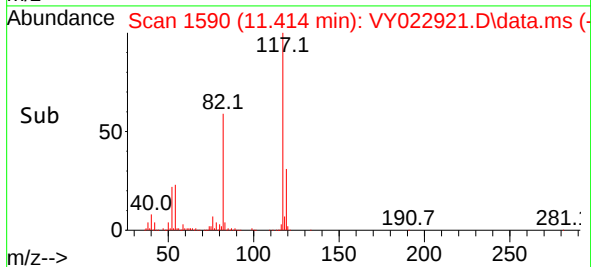
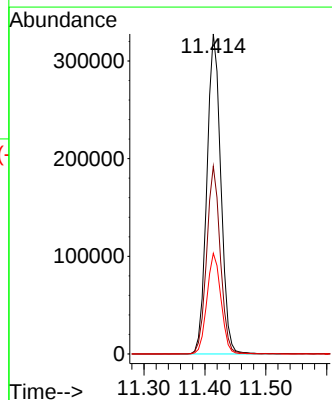
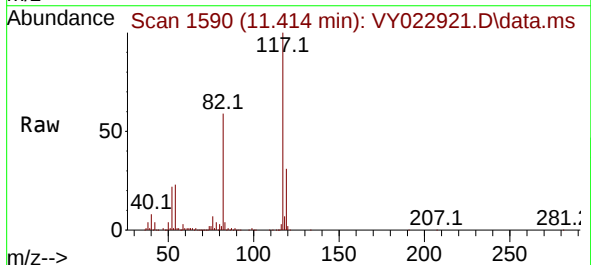
Instrument :
MSVOA_Y
ClientSampleId :
G4(1.5)

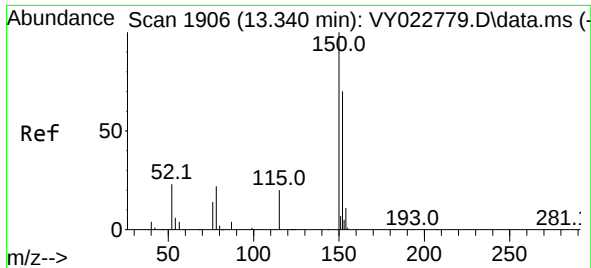
Tgt Ion: 95 Resp: 233791
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 80.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022921.D
Acq: 02 Jul 2025 18:40

Tgt Ion: 117 Resp: 521777
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022921.D
 Acq: 02 Jul 2025 18:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 G4(1.5)

Tgt Ion:152 Resp: 234093
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.9 86.7
 150 156.8 0.0 349.6

