

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022923.D
 Acq On : 02 Jul 2025 19:27
 Operator : SY/MD
 Sample : Q2487-03
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G3(9)

Quant Time: Jul 03 02:27:57 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)

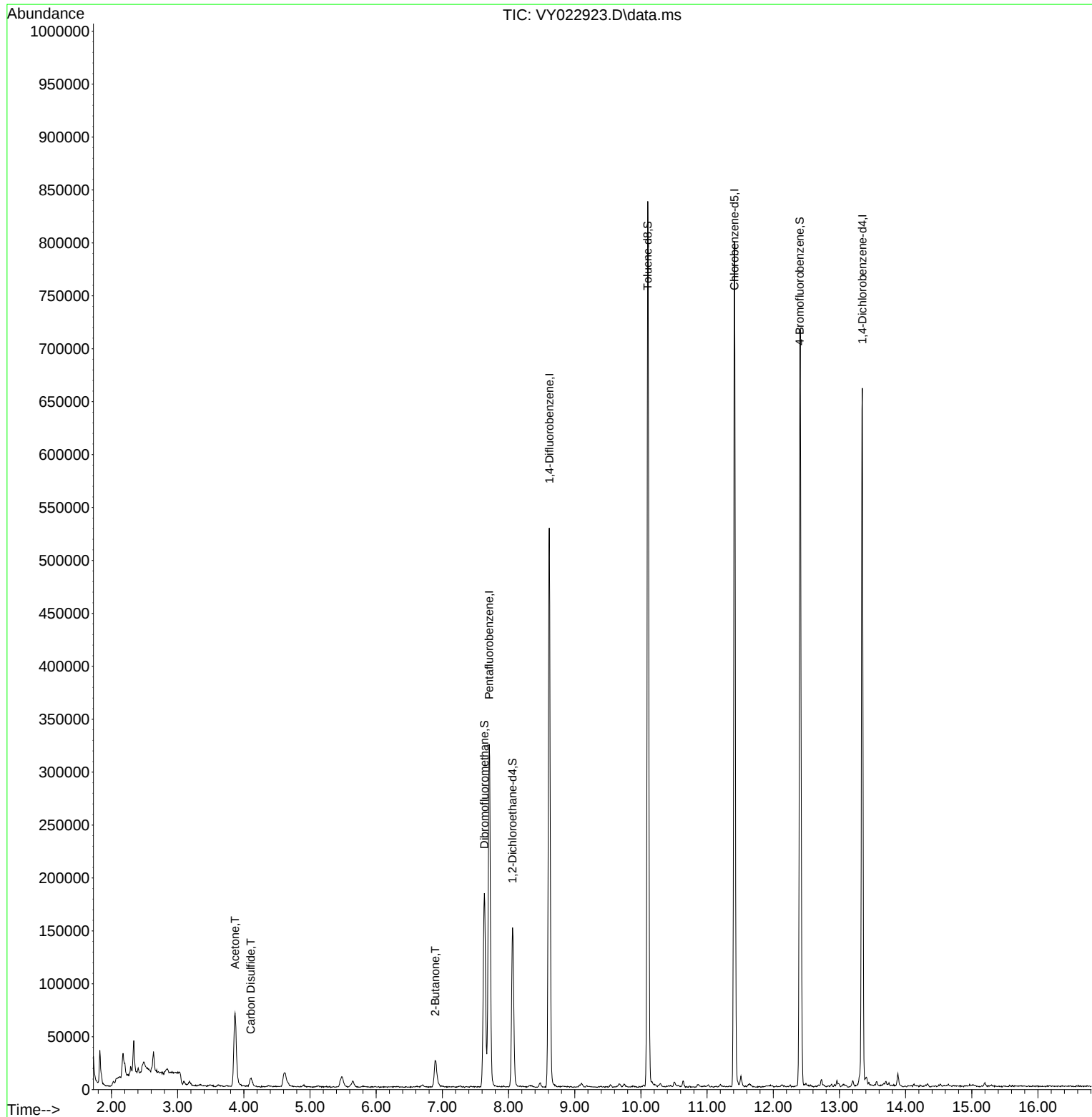
Internal Standards						
1) Pentafluorobenzene	7.707	168	240056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	442237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	404227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	161481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117864	43.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.980%
35) Dibromofluoromethane	7.634	113	131233	48.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.103	98	534408	50.075	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.401	95	168470	49.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.220%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	124239	245.337	ug/l	100
17) Carbon Disulfide	4.104	76	15292	1.948	ug/l	98
25) 2-Butanone	6.890	43	44476	60.345	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
Data File : VY022923.D
Acq On : 02 Jul 2025 19:27
Operator : SY/MD
Sample : Q2487-03
Misc : 4.84g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G3(9)

Quant Time: Jul 03 02:27:57 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

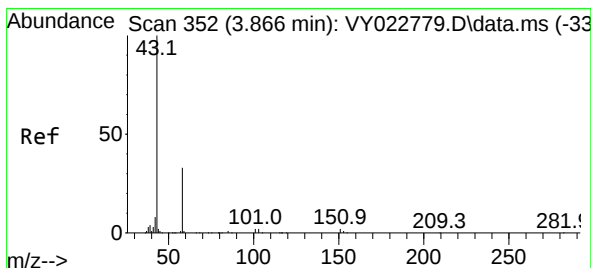
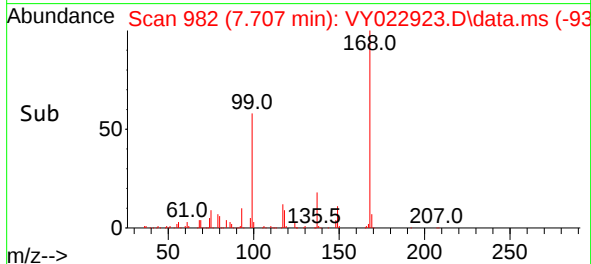
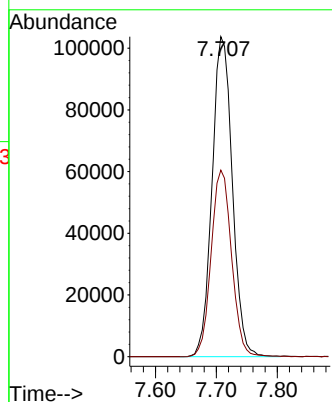
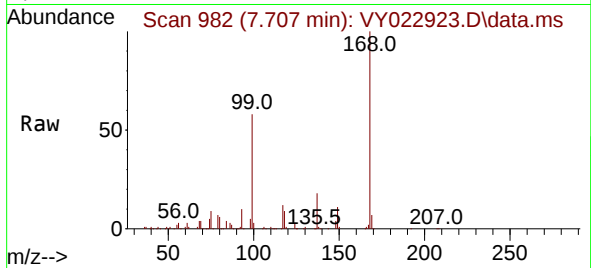




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022923.D
Acq: 02 Jul 2025 19:27

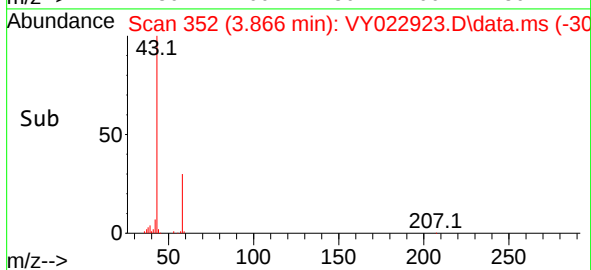
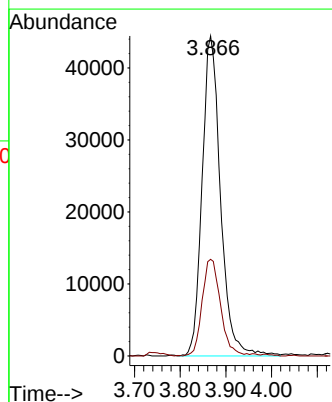
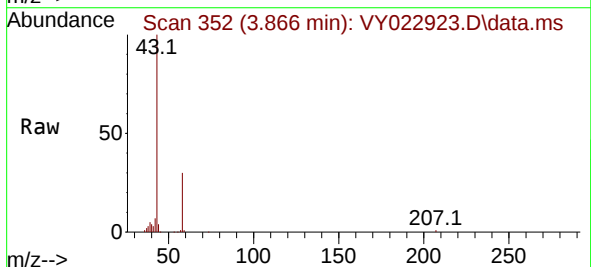
Instrument :
MSVOA_Y
ClientSampleId :
G3(9)

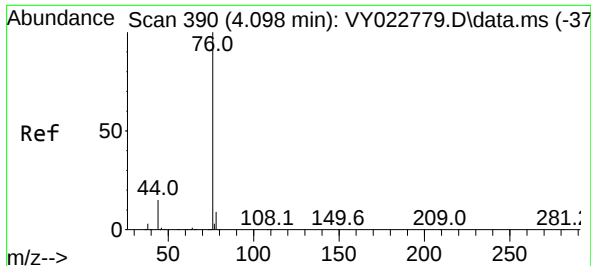
Tgt Ion:168 Resp: 240056
Ion Ratio Lower Upper
168 100
99 58.3 44.3 66.5



#16
Acetone
Concen: 245.337 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022923.D
Acq: 02 Jul 2025 19:27

Tgt Ion: 43 Resp: 124239
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0

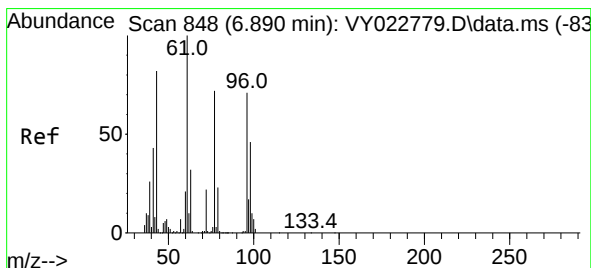
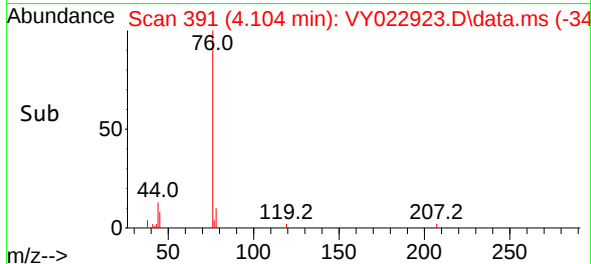
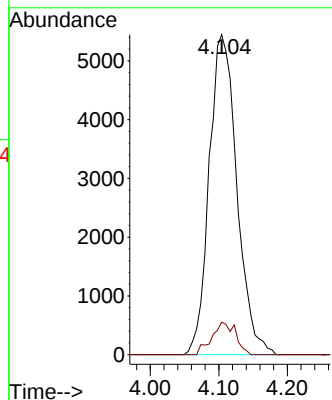
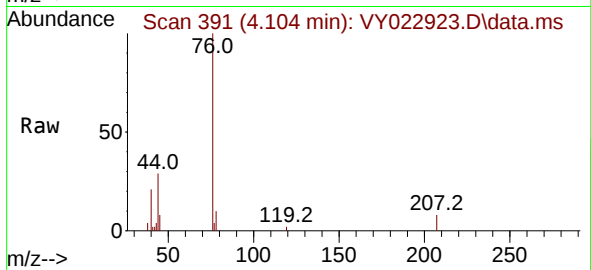




#17
Carbon Disulfide
Concen: 1.948 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022923.D
Acq: 02 Jul 2025 19:27

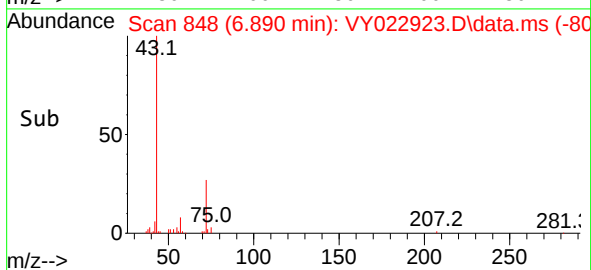
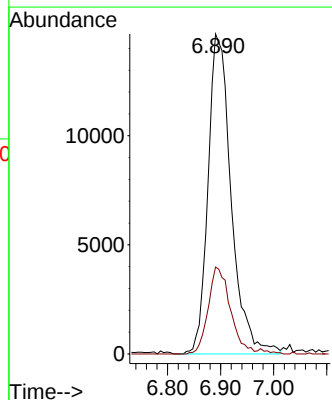
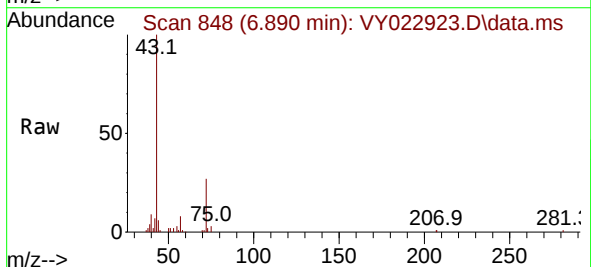
Instrument :
MSVOA_Y
ClientSampleId :
G3(9)

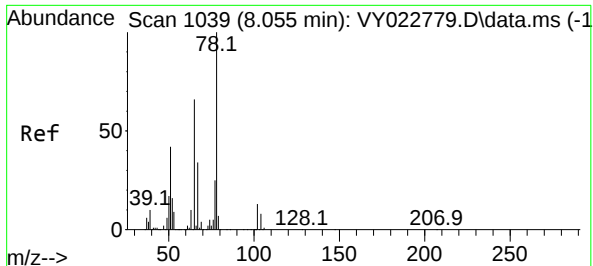
Tgt Ion: 76 Resp: 15292
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2



#25
2-Butanone
Concen: 60.345 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022923.D
Acq: 02 Jul 2025 19:27

Tgt Ion: 43 Resp: 44476
Ion Ratio Lower Upper
43 100
72 27.2 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 43.991 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022923.D

Acq: 02 Jul 2025 19:27

Instrument :

MSVOA_Y

ClientSampleId :

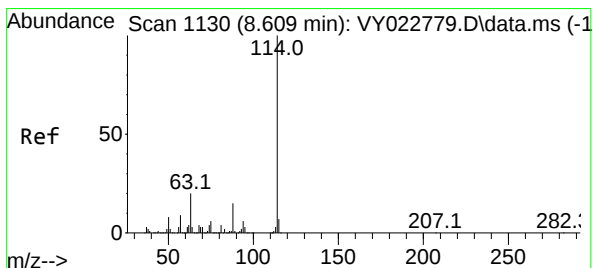
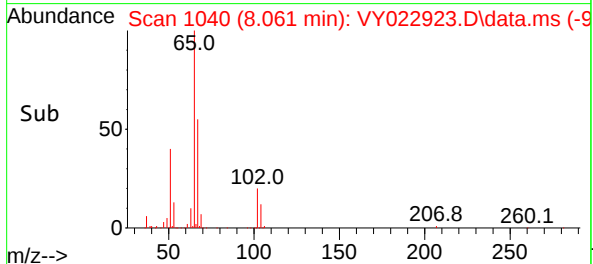
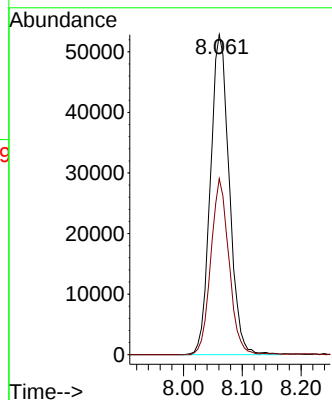
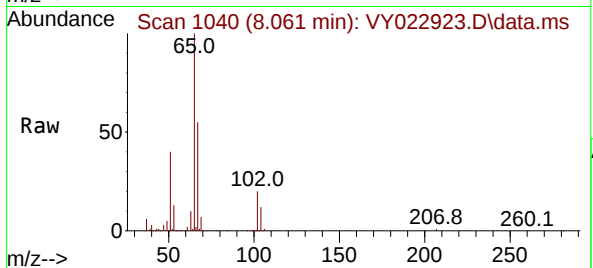
G3(9)

Tgt Ion: 65 Resp: 117864

Ion Ratio Lower Upper

65 100

67 52.7 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: VY022923.D

Acq: 02 Jul 2025 19:27

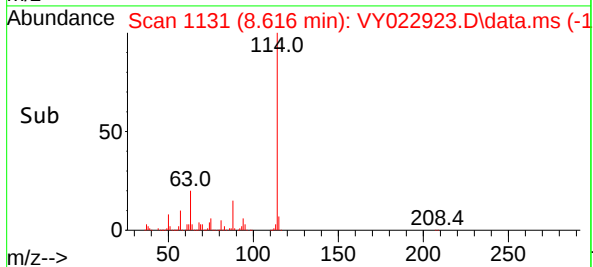
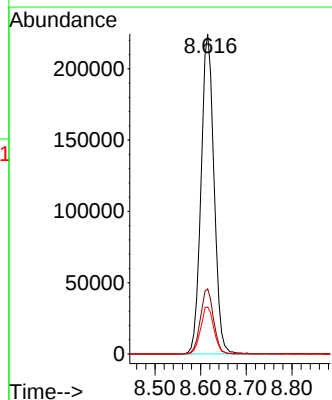
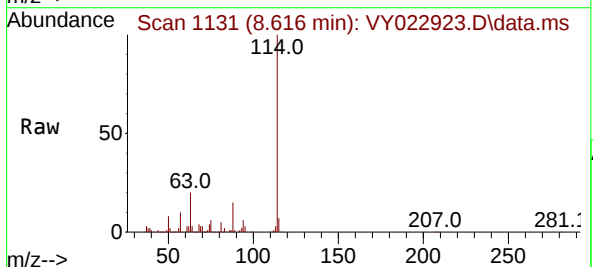
Tgt Ion:114 Resp: 442237

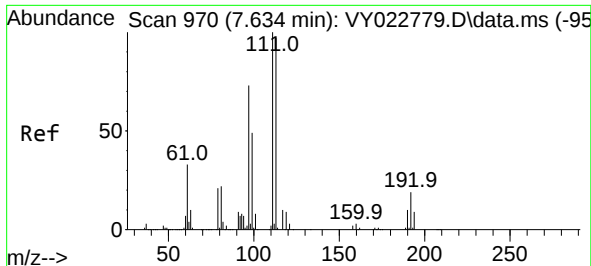
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 14.7 0.0 27.8





#35

Dibromofluoromethane

Concen: 48.795 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022923.D

Acq: 02 Jul 2025 19:27

Instrument :

MSVOA_Y

ClientSampleId :

G3(9)

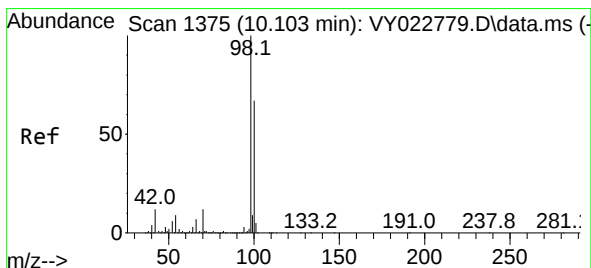
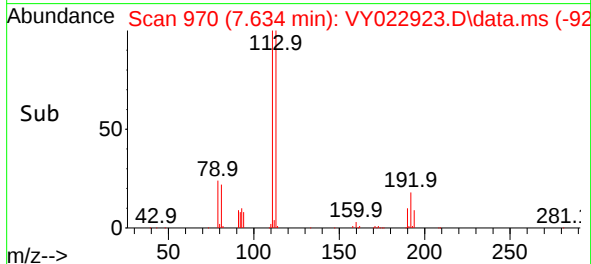
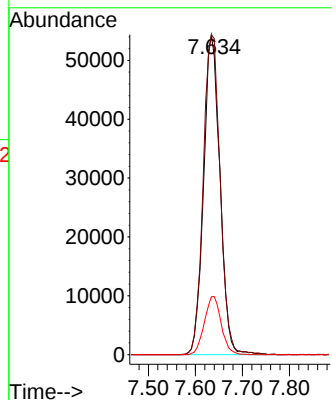
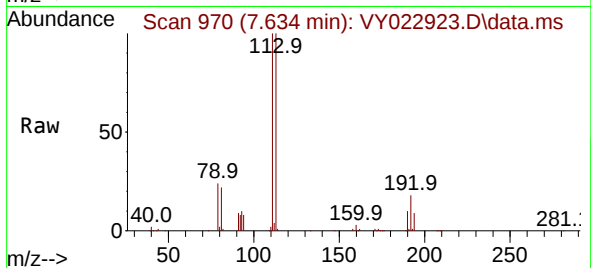
Tgt Ion:113 Resp: 131233

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

192 18.7 14.2 21.2



#50

Toluene-d8

Concen: 50.075 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022923.D

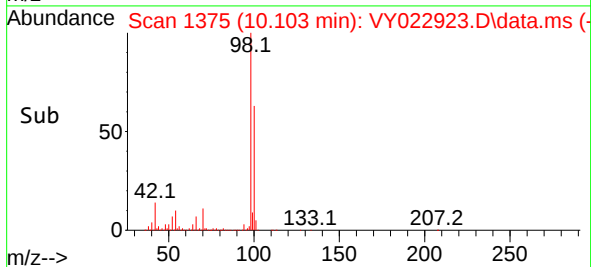
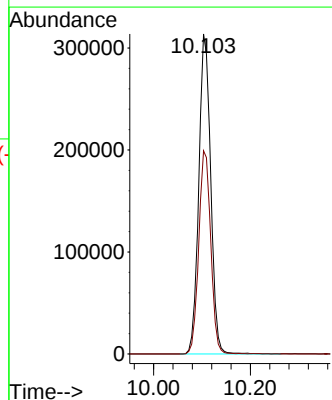
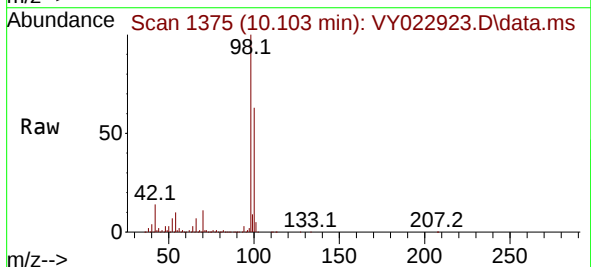
Acq: 02 Jul 2025 19:27

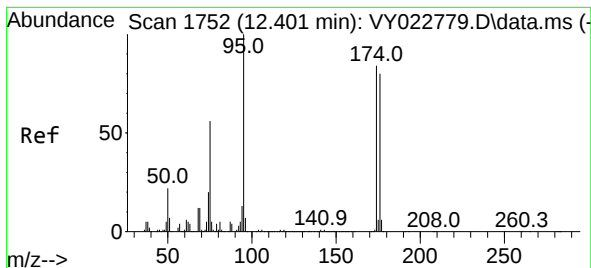
Tgt Ion: 98 Resp: 534408

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 49.106 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022923.D

Acq: 02 Jul 2025 19:27

Instrument :

MSVOA_Y

ClientSampleId :

G3(9)

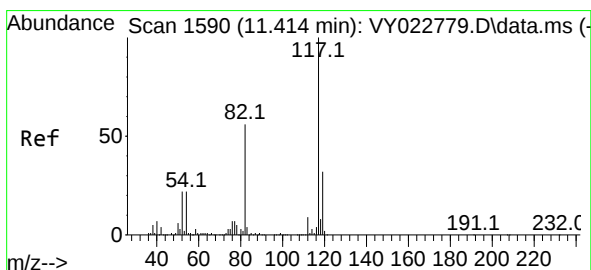
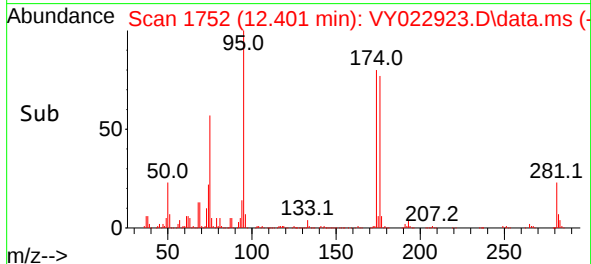
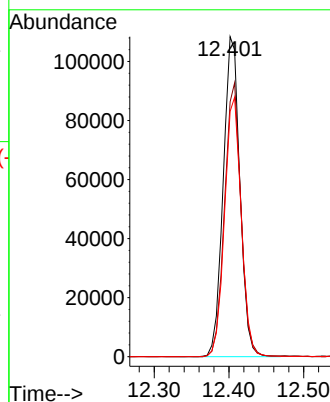
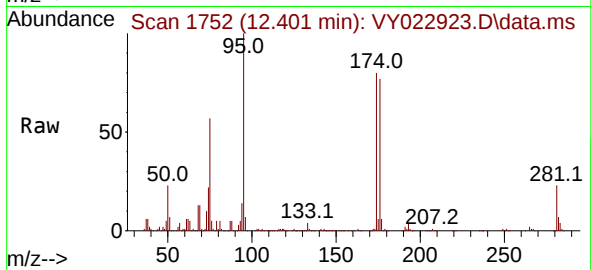
Tgt Ion: 95 Resp: 168470

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.0

176 81.2 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: VY022923.D

Acq: 02 Jul 2025 19:27

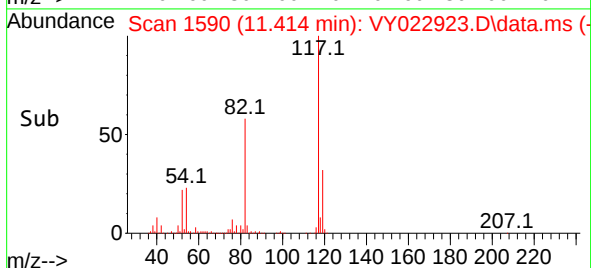
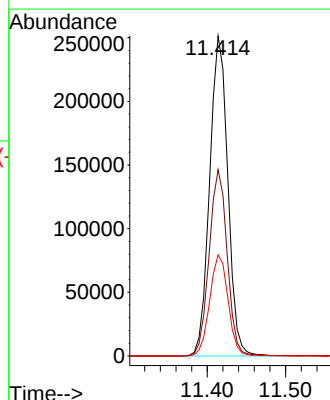
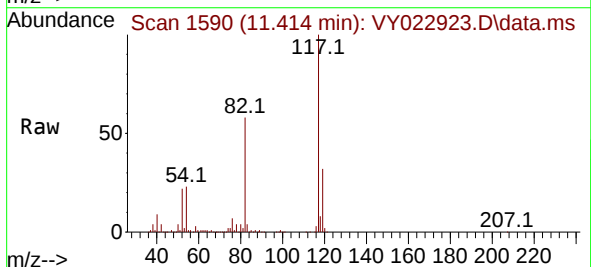
Tgt Ion: 117 Resp: 404227

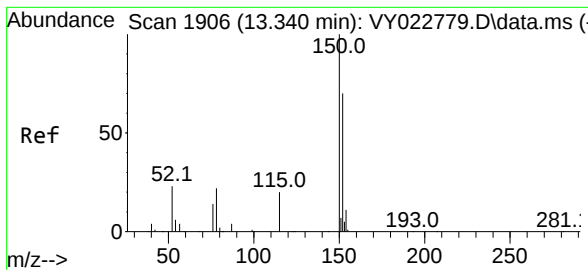
Ion Ratio Lower Upper

117 100

82 58.2 44.6 66.8

119 31.6 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: VY022923.D
 Acq: 02 Jul 2025 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 G3(9)

Tgt Ion:	152	Resp:	161481
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.7
150	158.5	0.0	349.6

