

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022925.D
 Acq On : 02 Jul 2025 20:14
 Operator : SY/MD
 Sample : Q2487-05
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G2(2.5)

Quant Time: Jul 03 02:28:56 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)

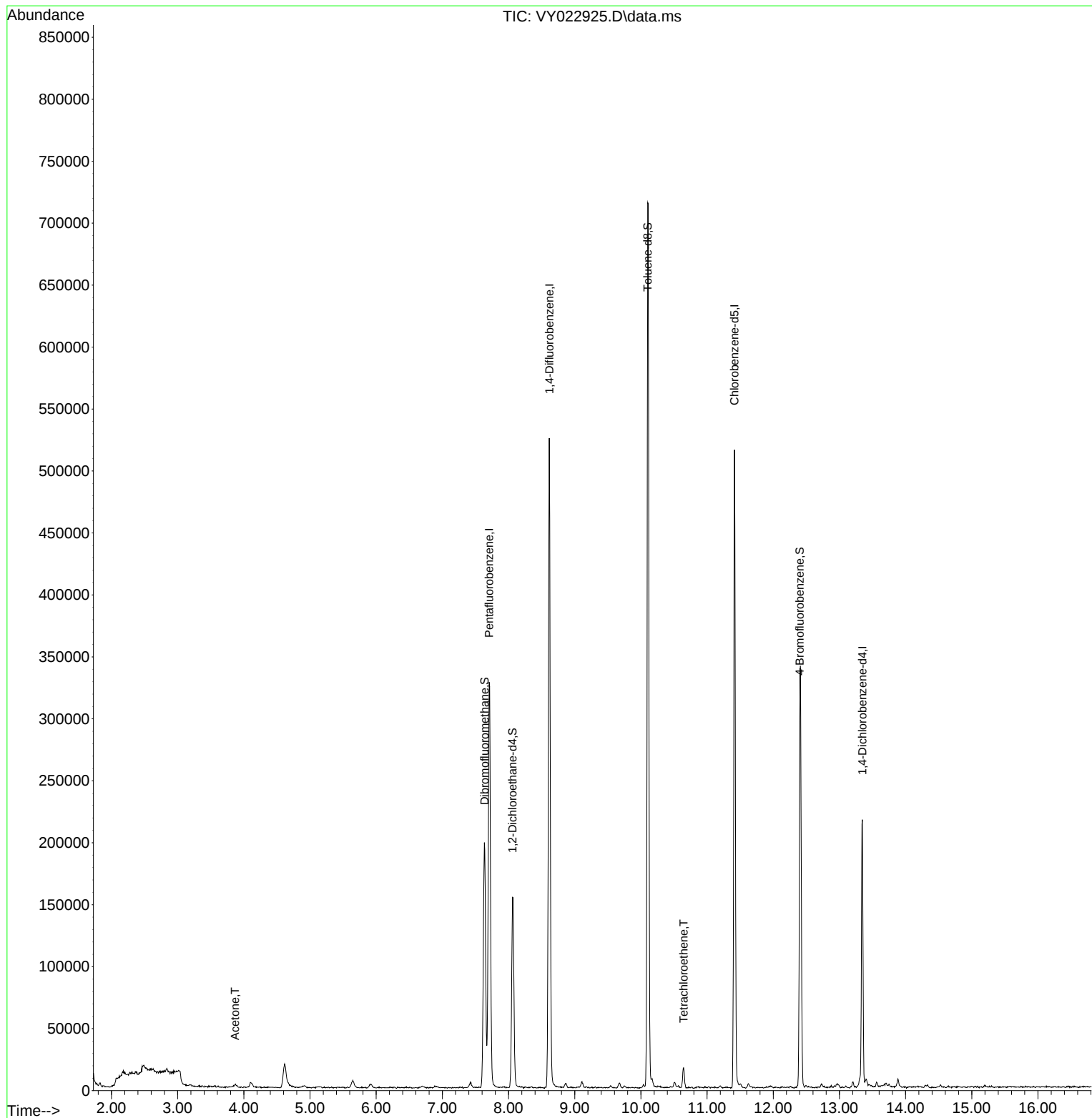
Internal Standards						
1) Pentafluorobenzene	7.707	168	250233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	421989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	262343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	52246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124281	44.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.640	113	141611	55.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.103	98	468528	46.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.402	95	74808	22.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.700%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	3505	6.640	ug/l	90
64) Tetrachloroethene	10.646	164	2603	1.050	ug/l	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
Data File : VY022925.D
Acq On : 02 Jul 2025 20:14
Operator : SY/MD
Sample : Q2487-05
Misc : 5.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G2(2.5)

Quant Time: Jul 03 02:28:56 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

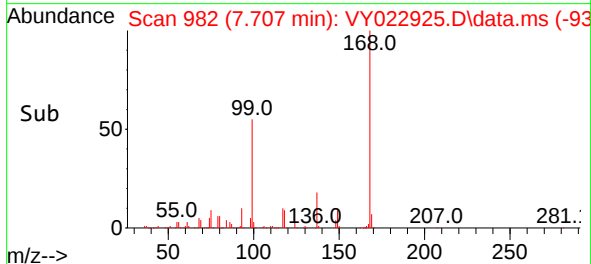
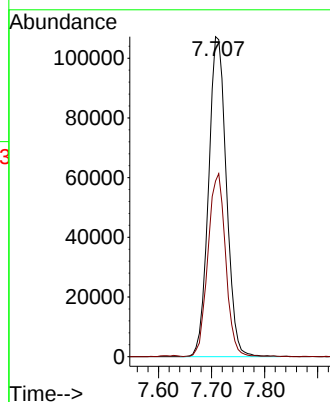
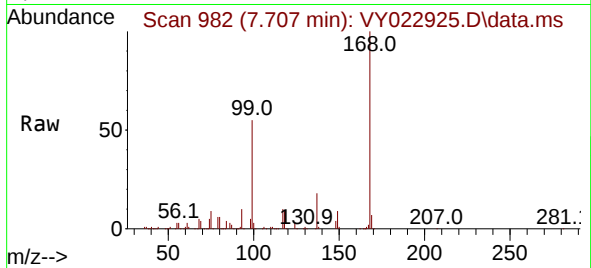




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

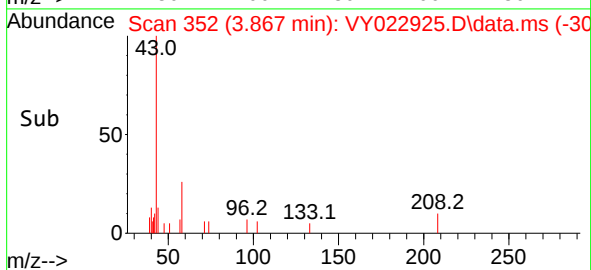
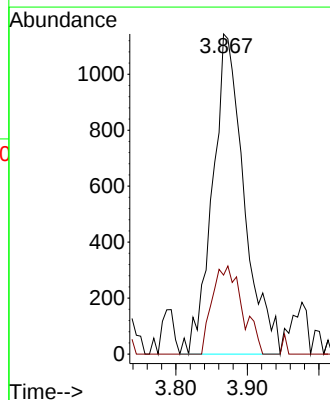
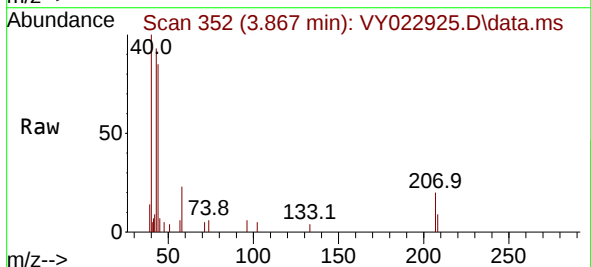
Instrument :
MSVOA_Y
ClientSampleId :
G2(2.5)

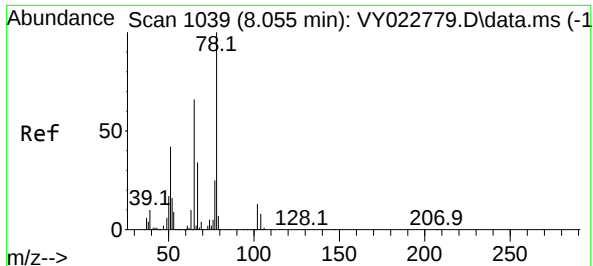
Tgt Ion:168 Resp: 250233
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#16
Acetone
Concen: 6.640 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
58 24.7 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 44.500 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022925.D

Acq: 02 Jul 2025 20:14

Instrument :

MSVOA_Y

ClientSampleId :

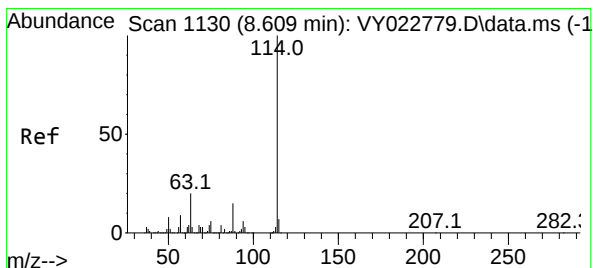
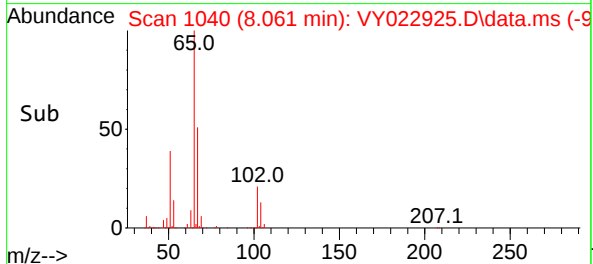
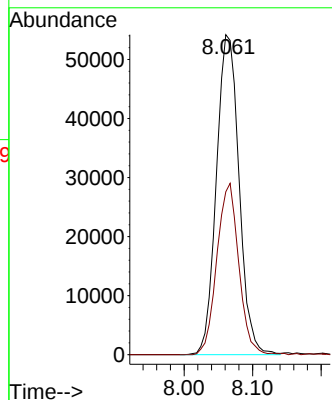
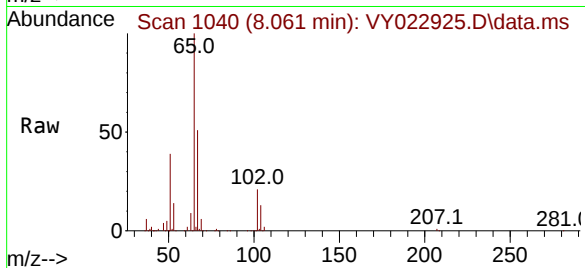
G2(2.5)

Tgt Ion: 65 Resp: 124281

Ion Ratio Lower Upper

65 100

67 51.8 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: VY022925.D

Acq: 02 Jul 2025 20:14

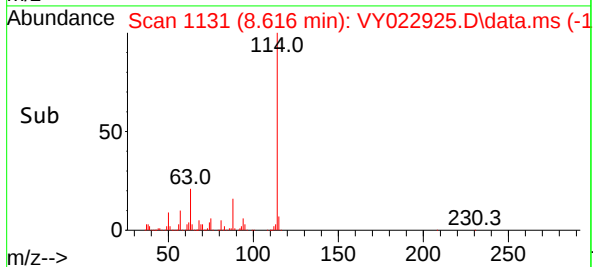
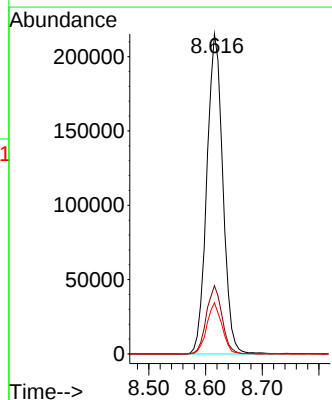
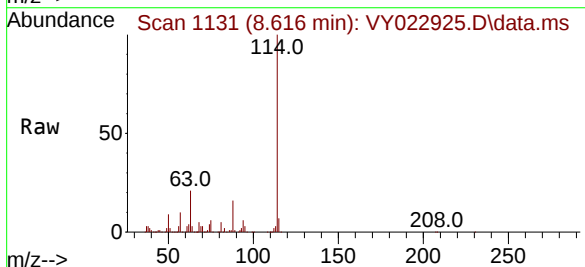
Tgt Ion:114 Resp: 421989

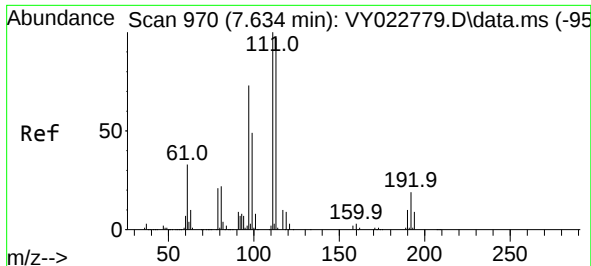
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 16.0 0.0 27.8

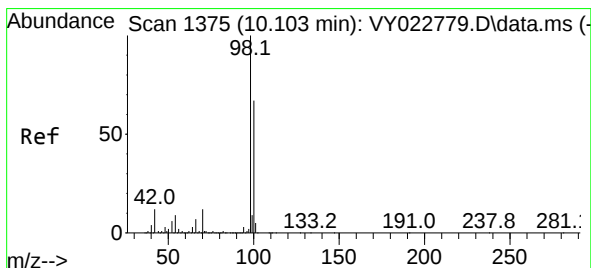
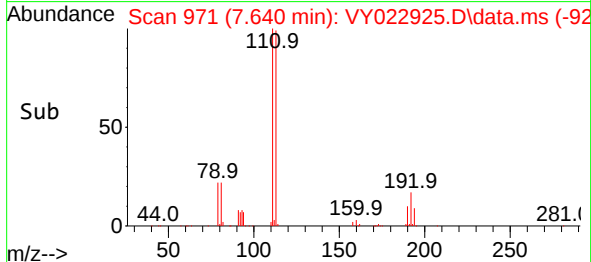
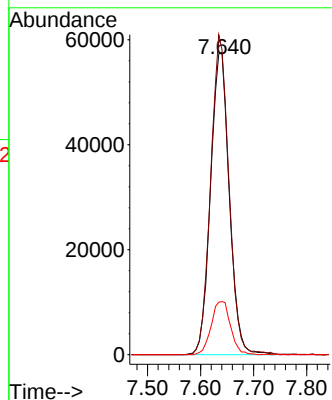
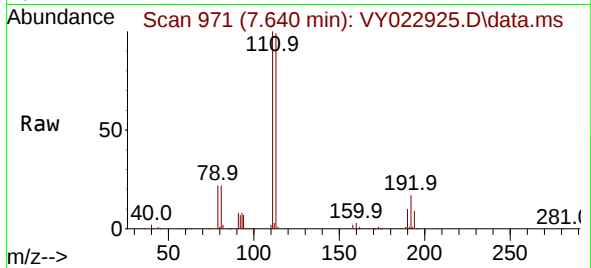




#35
Dibromofluoromethane
Concen: 55.180 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

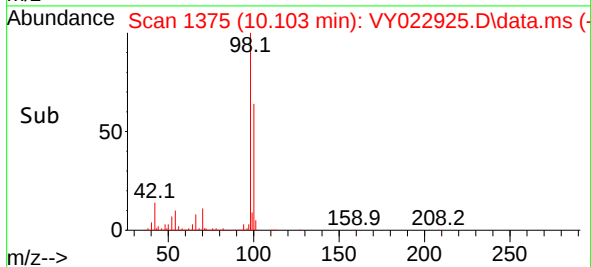
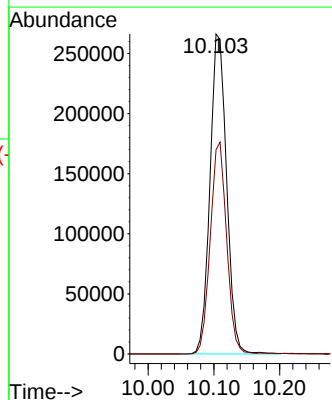
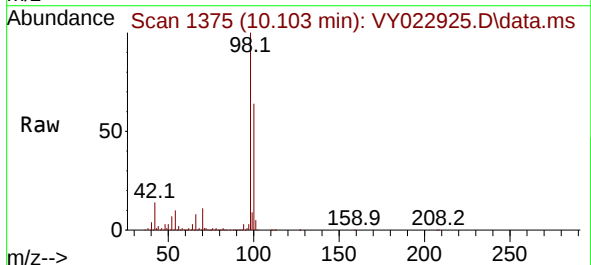
Instrument :
MSVOA_Y
ClientSampleId :
G2(2.5)

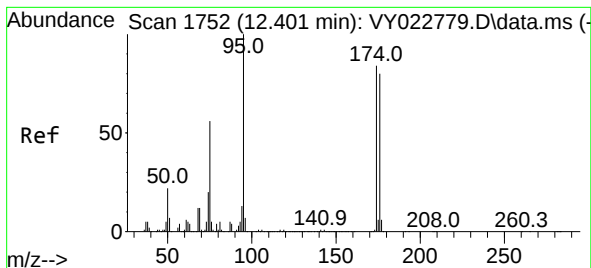
Tgt Ion:113 Resp: 141611
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 18.1 14.2 21.2



#50
Toluene-d8
Concen: 46.008 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

Tgt Ion: 98 Resp: 468528
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

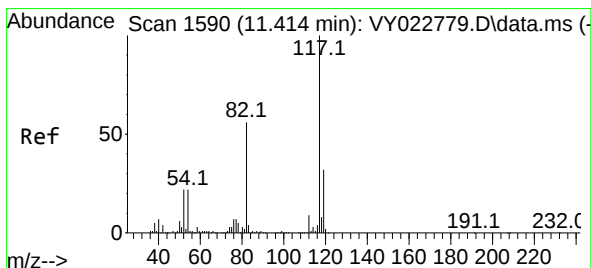
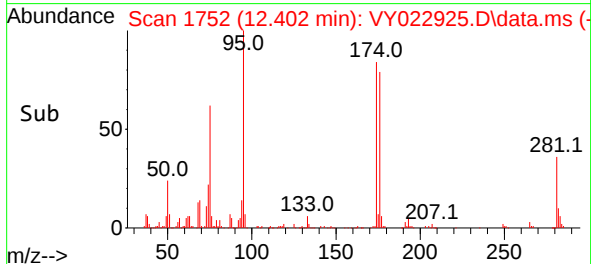
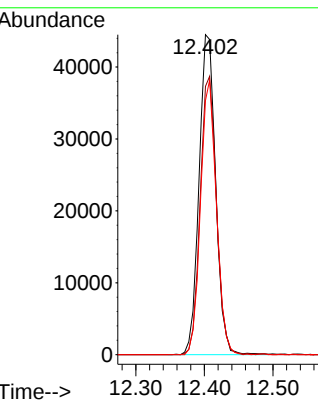
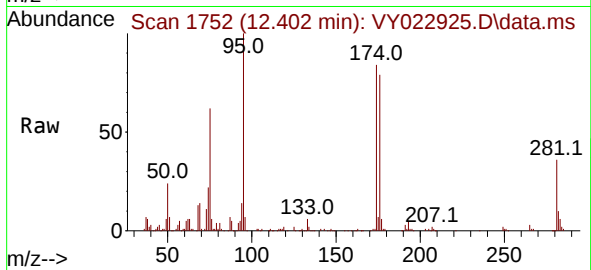




#62
4-Bromofluorobenzene
Concen: 22.851 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

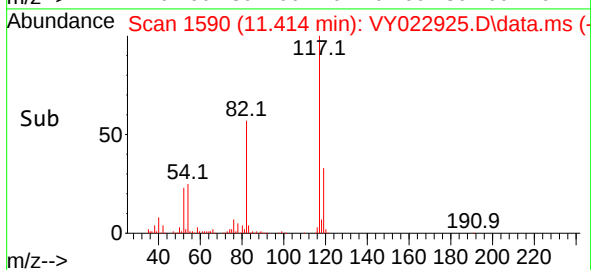
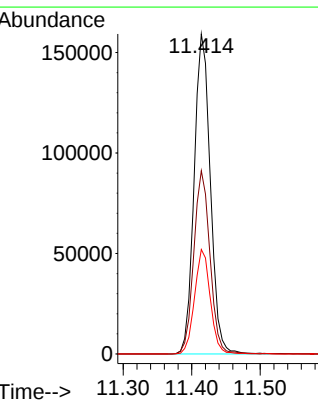
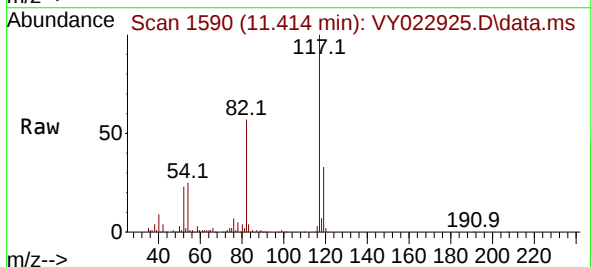
Instrument :
MSVOA_Y
ClientSampleId :
G2(2.5)

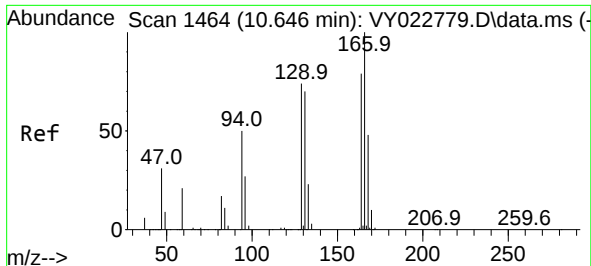
Tgt Ion: 95 Resp: 74808
Ion Ratio Lower Upper
95 100
174 85.3 0.0 170.0
176 81.8 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

Tgt Ion: 117 Resp: 262343
Ion Ratio Lower Upper
117 100
82 57.3 44.6 66.8
119 32.7 25.4 38.0

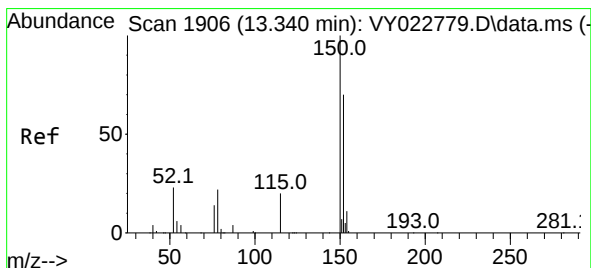
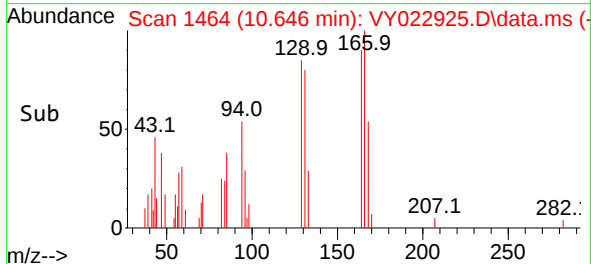
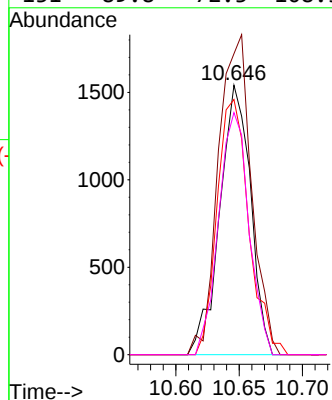
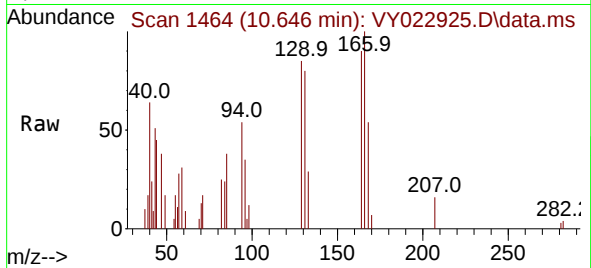




#64
Tetrachloroethene
Concen: 1.050 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

Instrument :
MSVOA_Y
ClientSampleId :
G2(2.5)

Tgt Ion:	164	Resp:	2603
Ion	Ratio	Lower	Upper
164	100		
166	111.7	104.0	156.0
129	94.7	74.5	111.7
131	89.8	72.3	108.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022925.D
Acq: 02 Jul 2025 20:14

Tgt Ion:	152	Resp:	52246
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.9	86.7
150	160.2	0.0	349.6

