

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070325\
 Data File : VY022943.D
 Acq On : 03 Jul 2025 15:23
 Operator : SY/MD
 Sample : Q2487-06
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G2(9)

Quant Time: Jul 07 08:23:30 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)

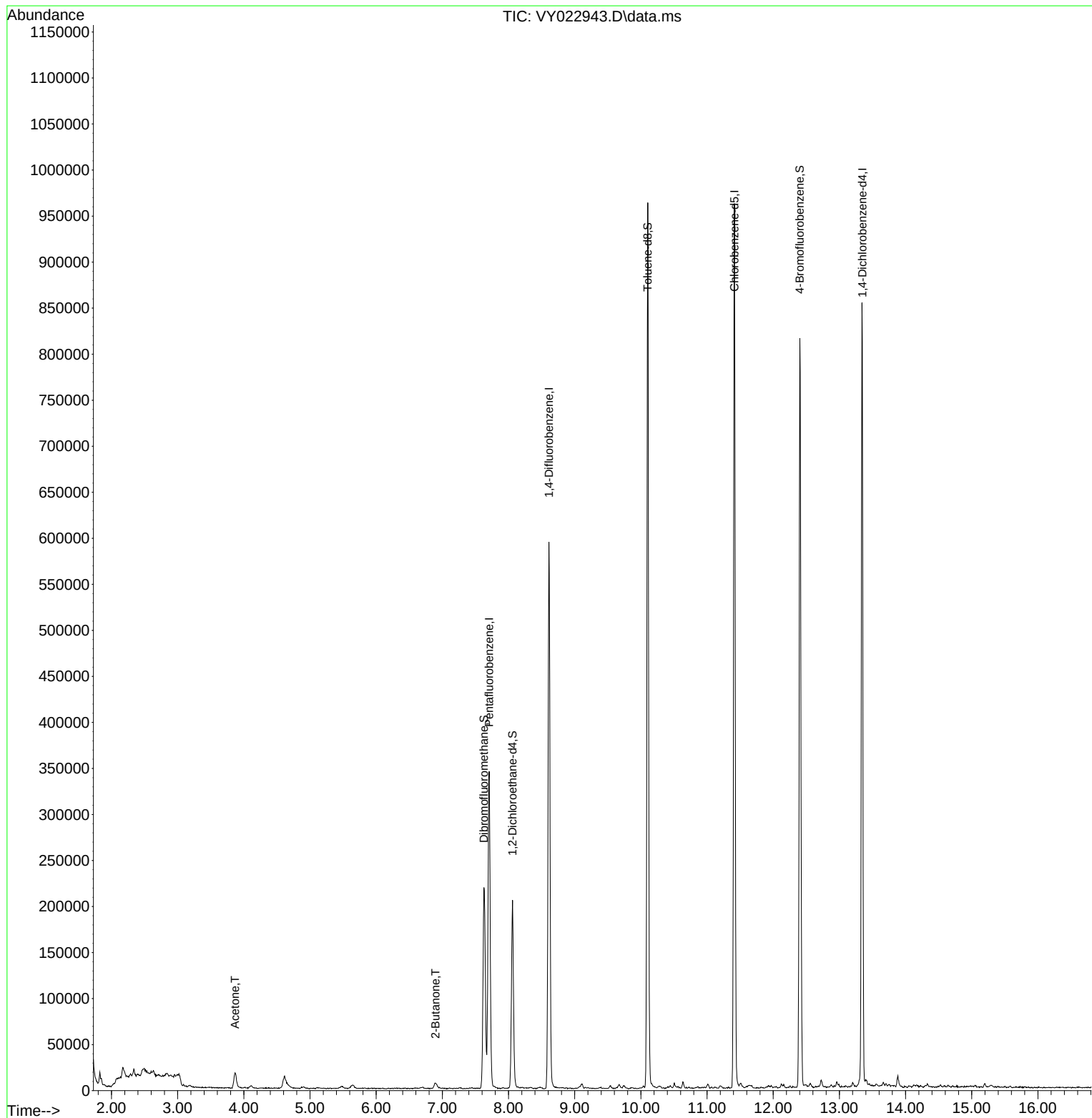
Internal Standards						
1) Pentafluorobenzene	7.707	168	255058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	488190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	486353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	207222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152567	53.594	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.180%		
35) Dibromofluoromethane	7.628	113	158047	53.234	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.460%		
50) Toluene-d8	10.103	98	602738	51.161	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.320%		
62) 4-Bromofluorobenzene	12.401	95	209808	55.398	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 110.800%		
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	28949	53.804	ug/l #	84
25) 2-Butanone	6.896	43	9937	12.689	ug/l #	81

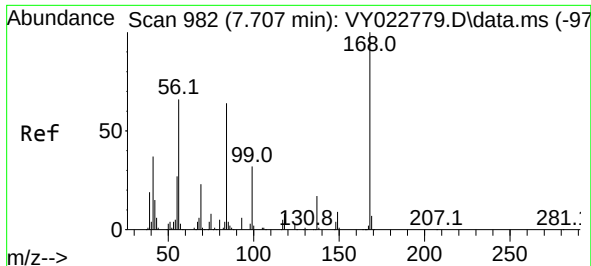
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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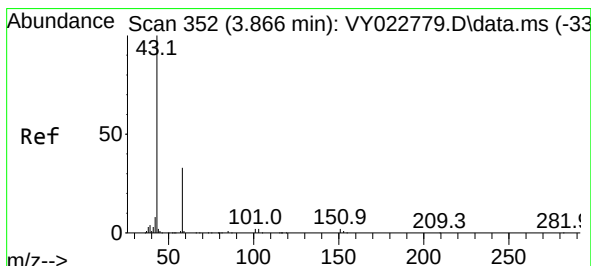
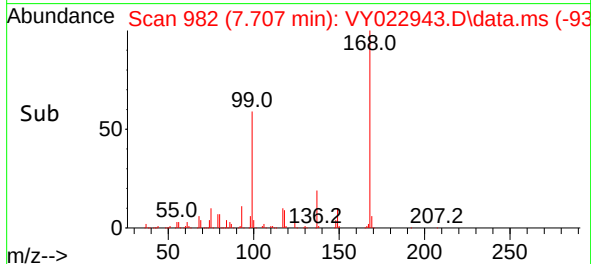
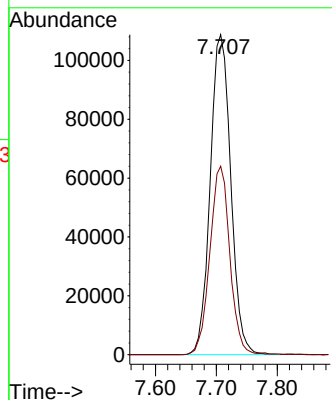
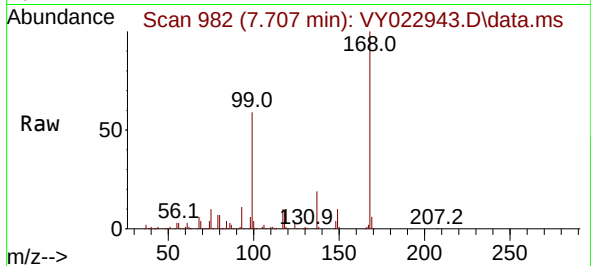




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

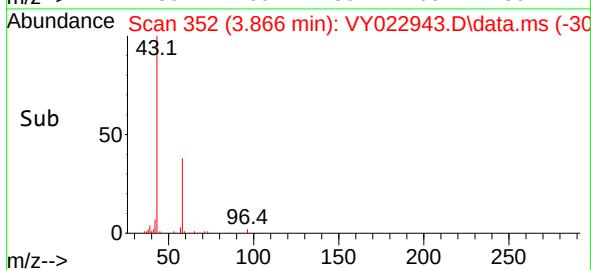
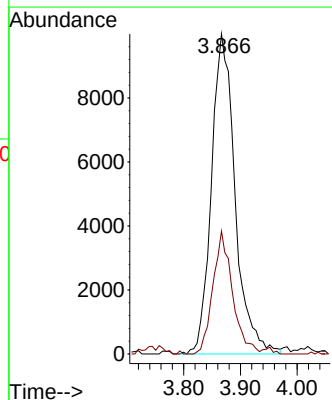
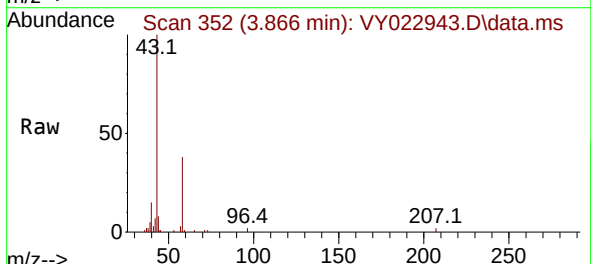
Instrument :
MSVOA_Y
ClientSampleId :
G2(9)

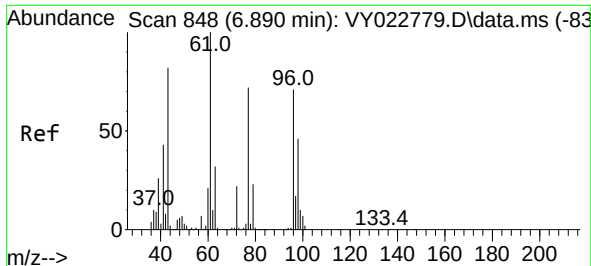
Tgt Ion:168 Resp: 255058
Ion Ratio Lower Upper
168 100
99 58.9 44.3 66.5



#16
Acetone
Concen: 53.804 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

Tgt Ion: 43 Resp: 28949
Ion Ratio Lower Upper
43 100
58 38.4 24.0 36.0#

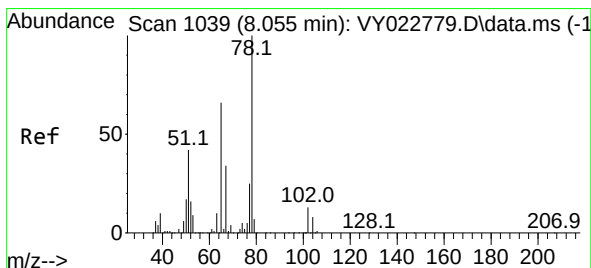
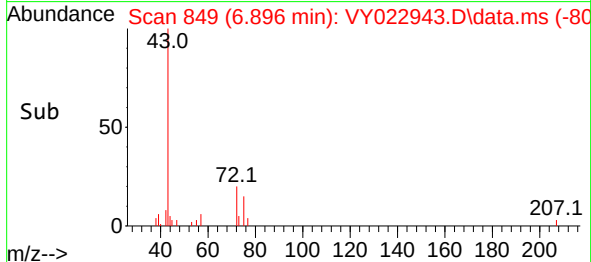
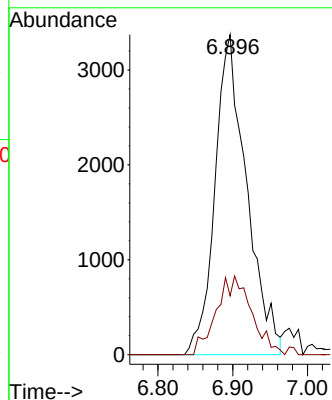
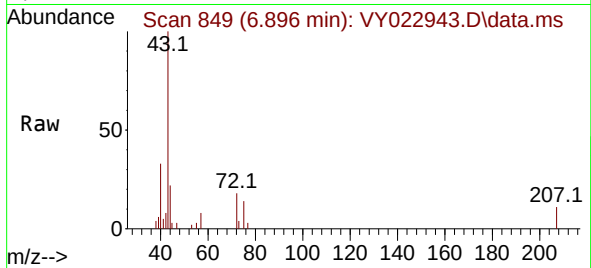




#25
2-Butanone
Concen: 12.689 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

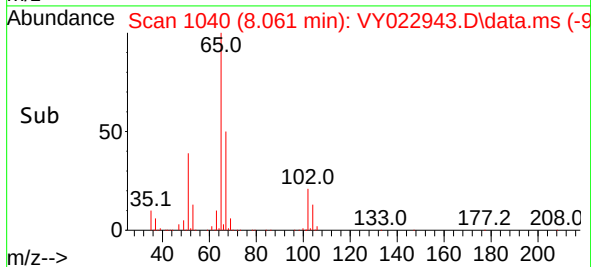
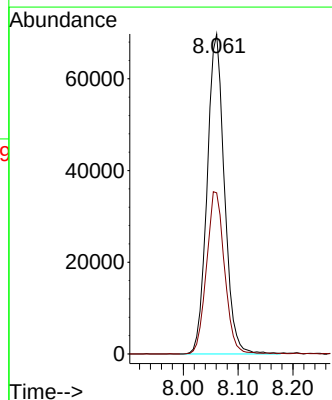
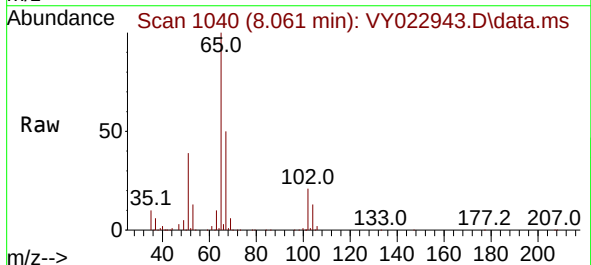
Instrument :
MSVOA_Y
ClientSampleId :
G2(9)

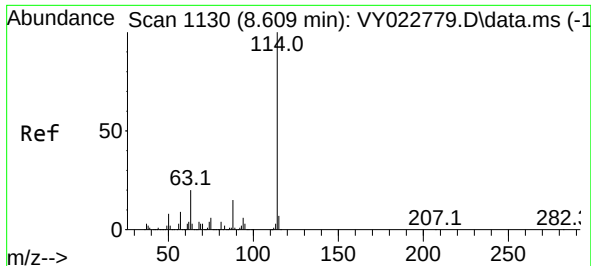
Tgt Ion: 43 Resp: 9937
Ion Ratio Lower Upper
43 100
72 18.4 22.9 34.3#



#33
1,2-Dichloroethane-d4
Concen: 53.594 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

Tgt Ion: 65 Resp: 152567
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4

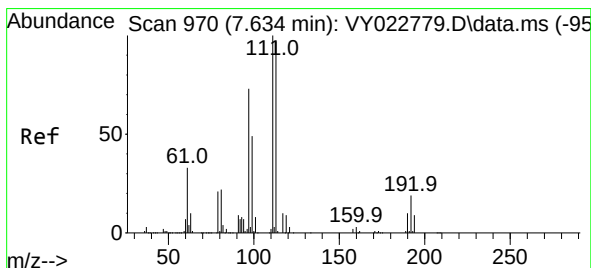
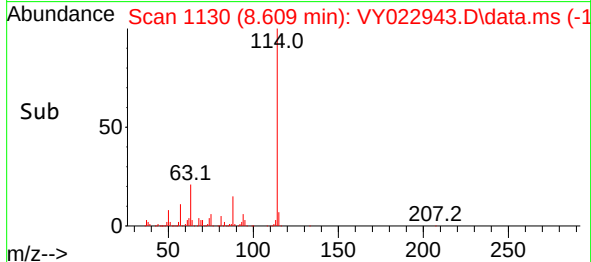
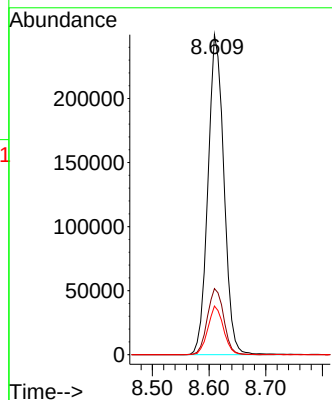
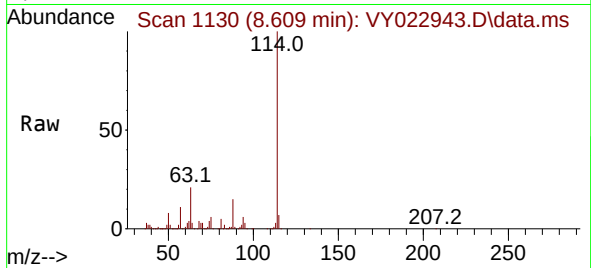




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

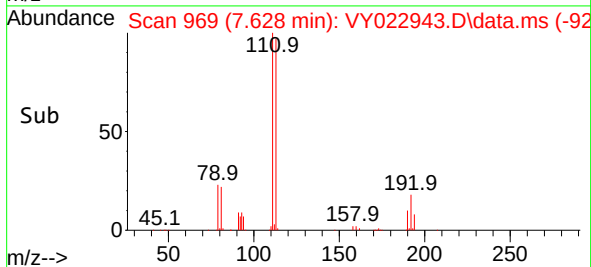
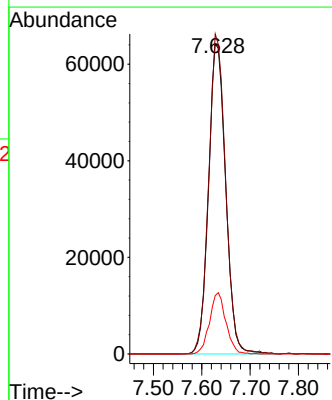
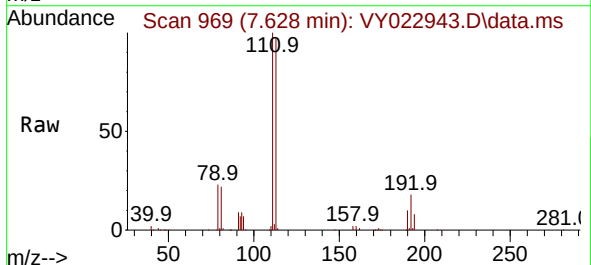
Instrument :
MSVOA_Y
ClientSampleId :
G2(9)

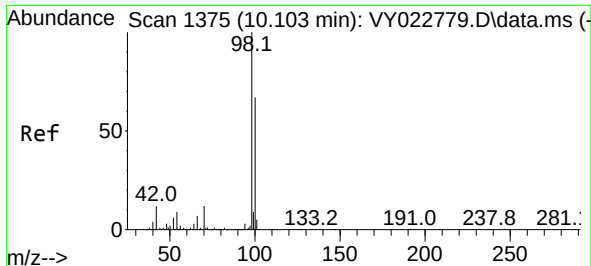
Tgt Ion:114 Resp: 488190
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 53.234 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

Tgt Ion:113 Resp: 158047
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 18.9 14.2 21.2

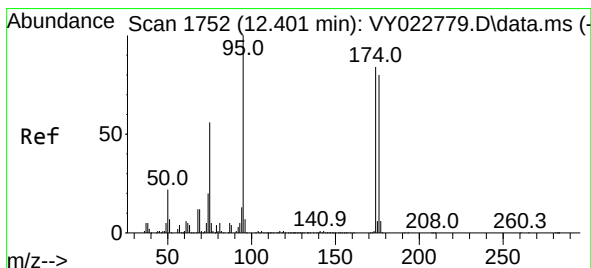
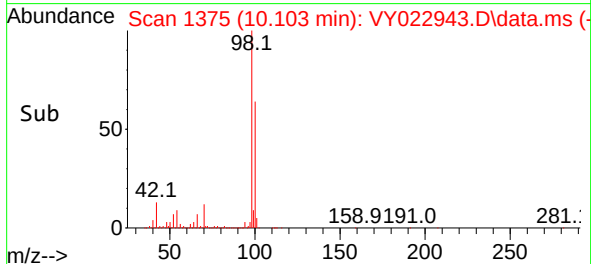
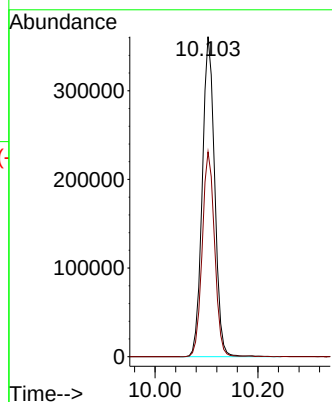
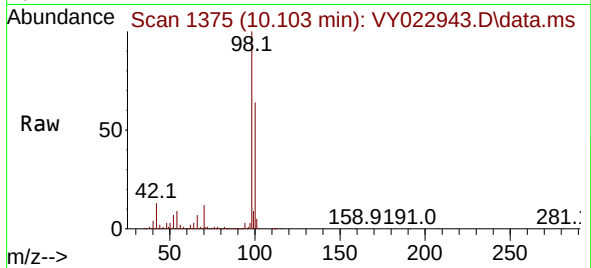




#50
Toluene-d8
Concen: 51.161 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

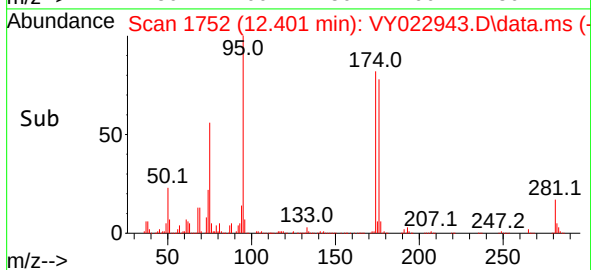
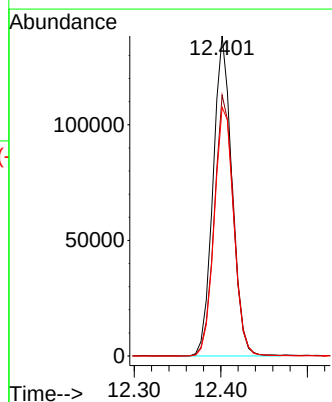
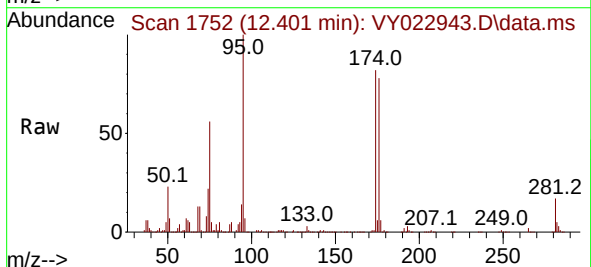
Instrument :
MSVOA_Y
ClientSampleId :
G2(9)

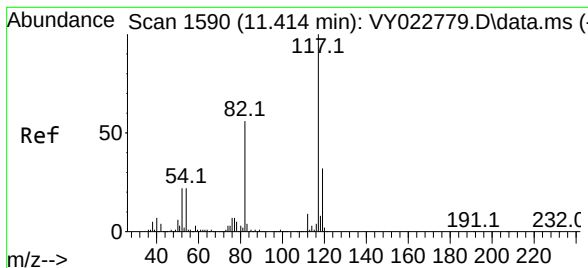
Tgt Ion: 98 Resp: 602738
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.398 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

Tgt Ion: 95 Resp: 209808
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 80.2 0.0 166.2

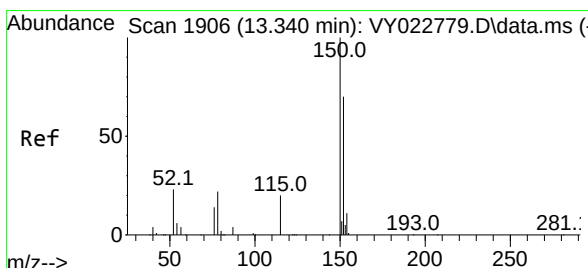
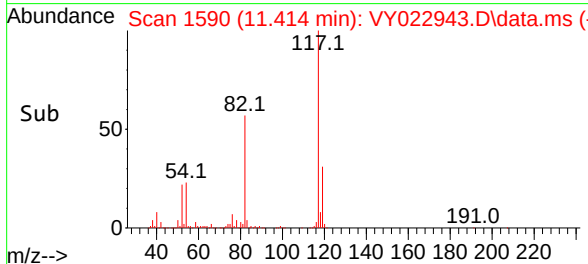
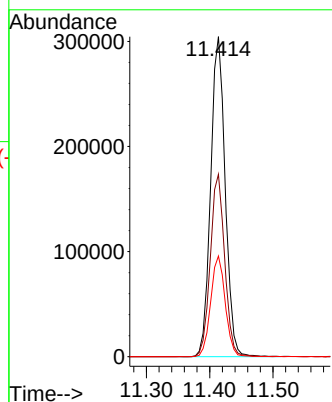
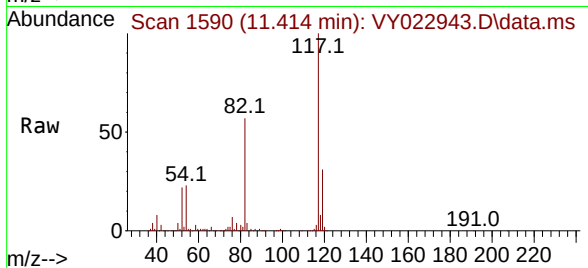




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022943.D
Acq: 03 Jul 2025 15:23

Instrument :
MSVOA_Y
ClientSampleId :
G2(9)

Tgt Ion:117 Resp: 486353
Ion Ratio Lower Upper
117 100
82 57.0 44.6 66.8
119 31.5 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: VY022943.D
Acq: 03 Jul 2025 15:23

Tgt Ion:152 Resp: 207222
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 156.1 0.0 349.6

