

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022913.D
 Acq On : 02 Jul 2025 15:33
 Operator : SY/MD
 Sample : Q2458-06
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-60

Quant Time: Jul 03 02:23:31 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)

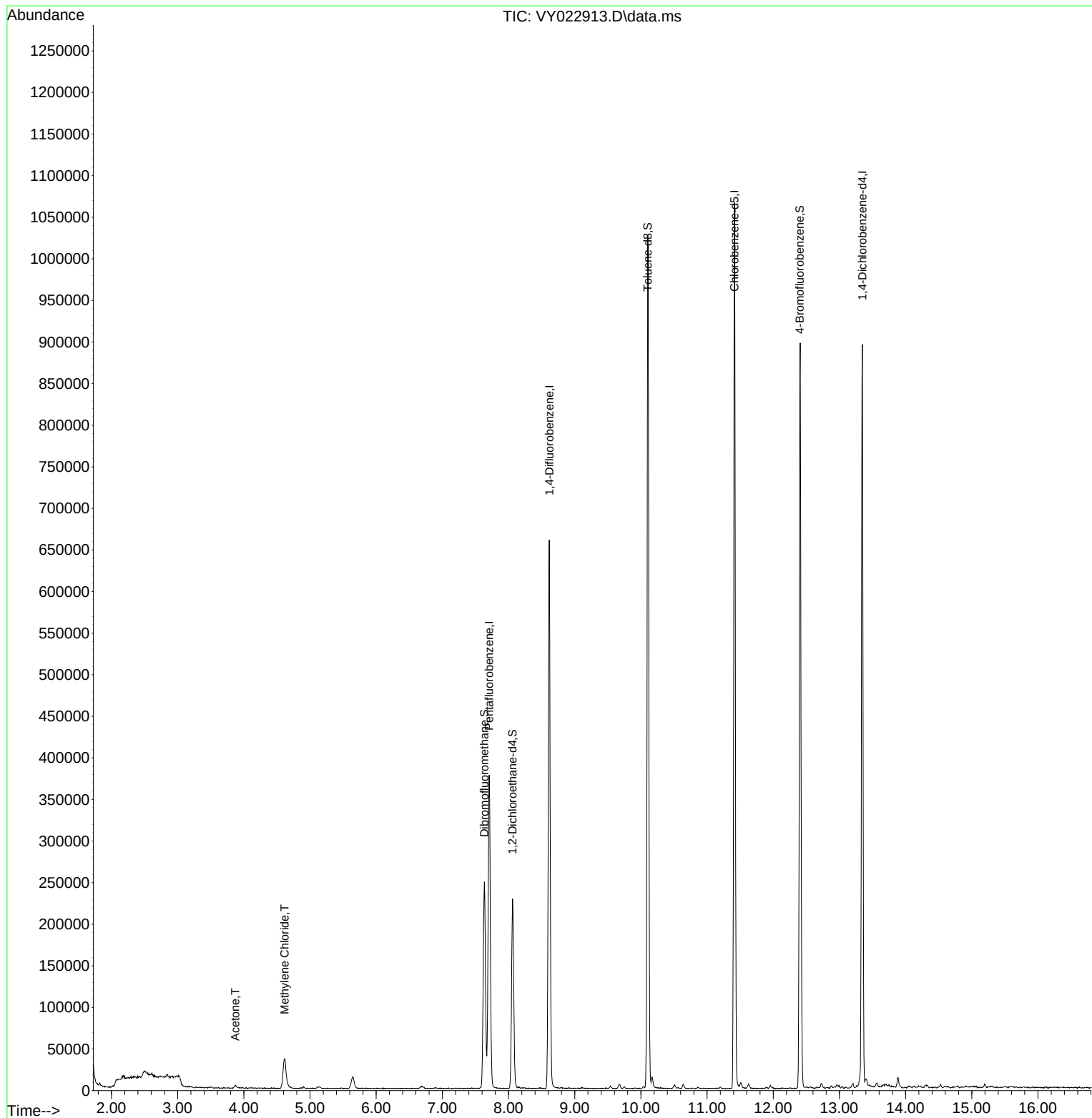
Internal Standards						
1) Pentafluorobenzene	7.707	168	284075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	537745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	538792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	220375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	180152	56.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.640%	
35) Dibromofluoromethane	7.634	113	174954	53.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.103	98	666650	51.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.401	95	235145	56.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.740%	
Target Compounds						Qvalue
16) Acetone	3.872	43	5690	9.495	ug/l	99
20) Methylene Chloride	4.616	84	26843	7.093	ug/l	94

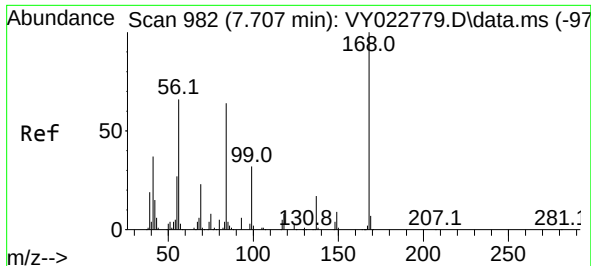
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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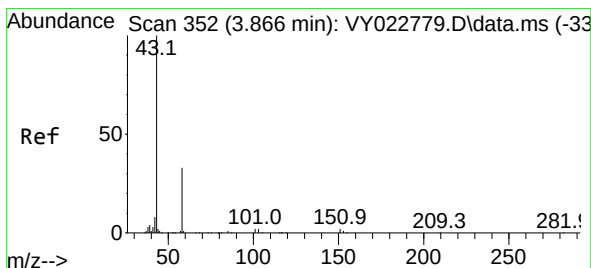
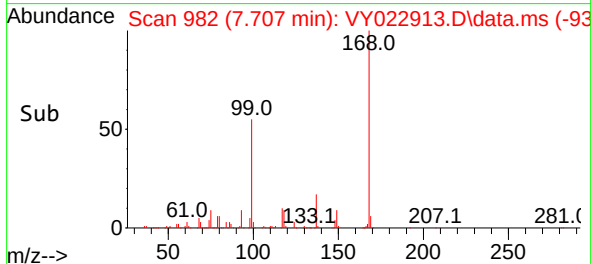
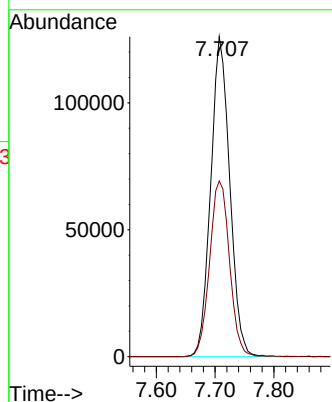
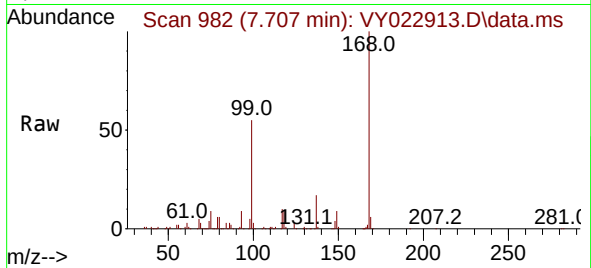




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

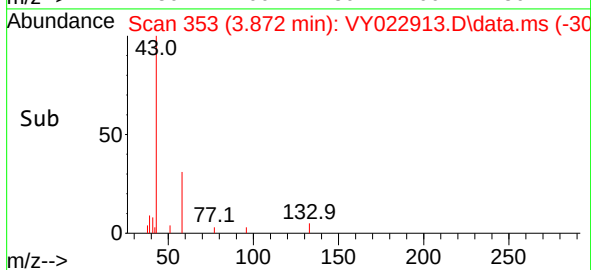
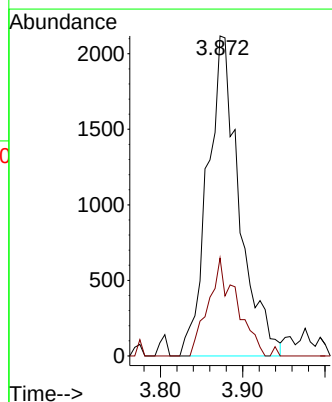
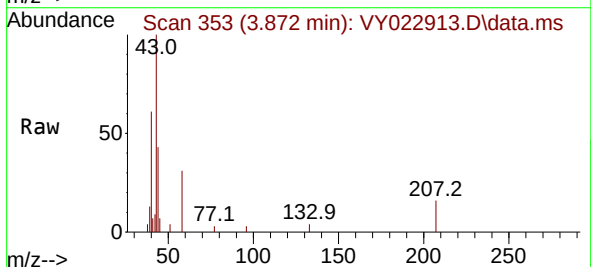
Instrument :
MSVOA_Y
ClientSampleId :
TP-60

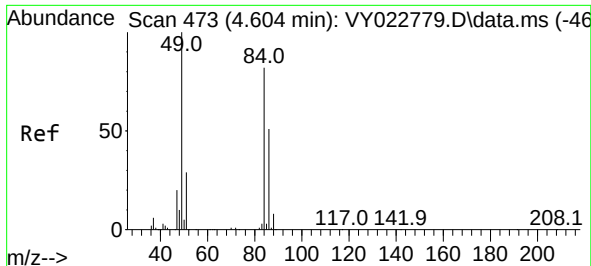
Tgt Ion:168 Resp: 284075
Ion Ratio Lower Upper
168 100
99 54.9 44.3 66.5



#16
Acetone
Concen: 9.495 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

Tgt Ion: 43 Resp: 5690
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0

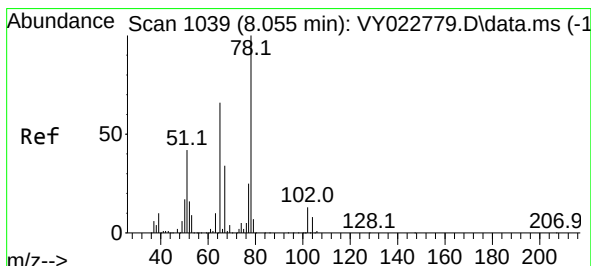
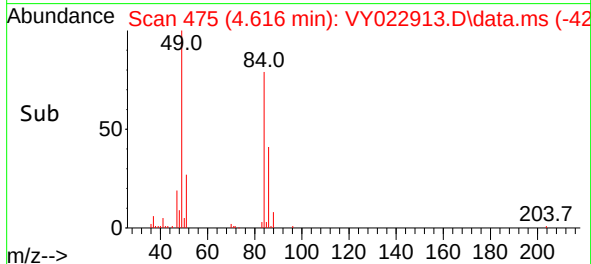
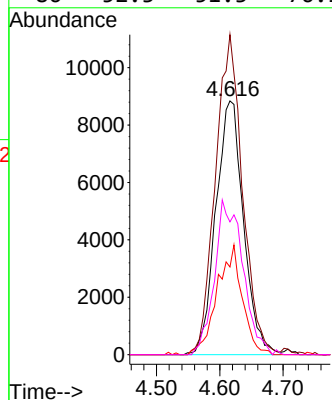
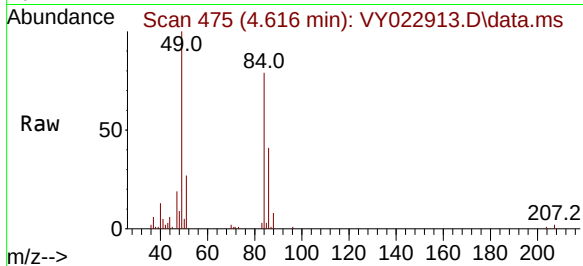




#20
Methylene Chloride
Concen: 7.093 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

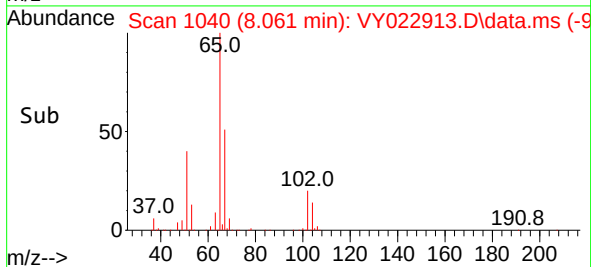
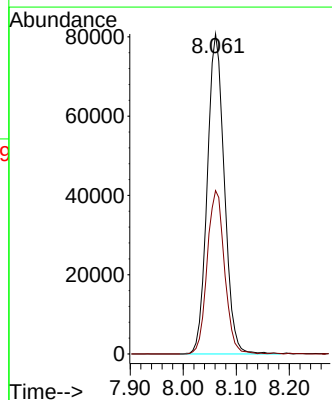
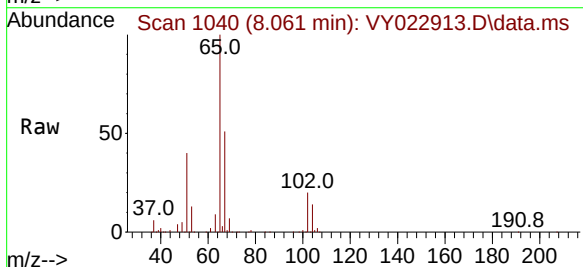
Instrument :
MSVOA_Y
ClientSampleId :
TP-60

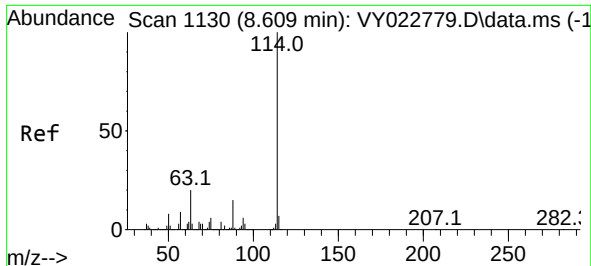
Tgt Ion:	84	Resp:	26843
Ion	Ratio	Lower	Upper
84	100		
49	126.1	101.9	152.9
51	34.5	29.8	44.8
86	52.3	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 56.820 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

Tgt Ion:	65	Resp:	180152
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4

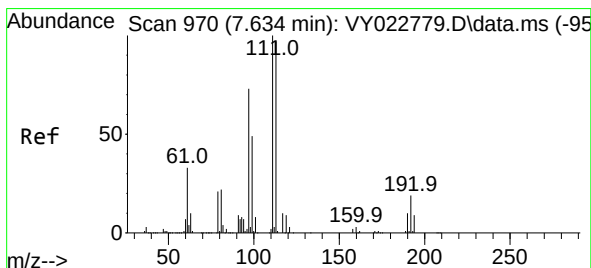
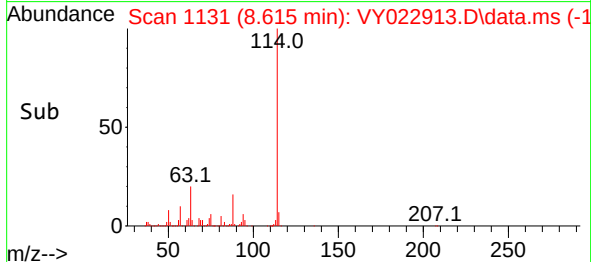
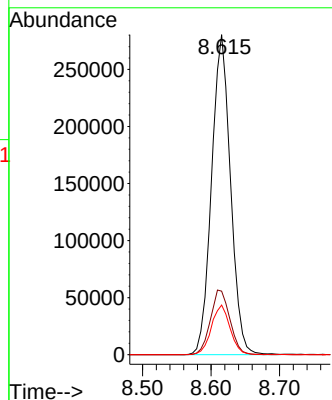
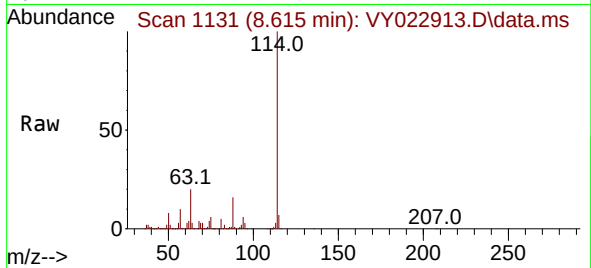




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

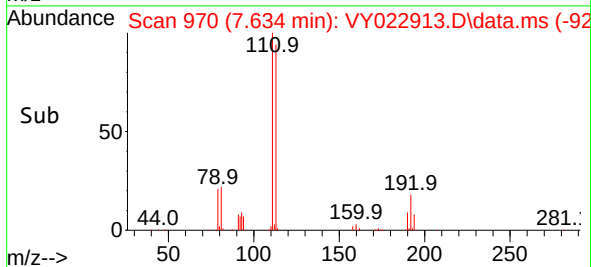
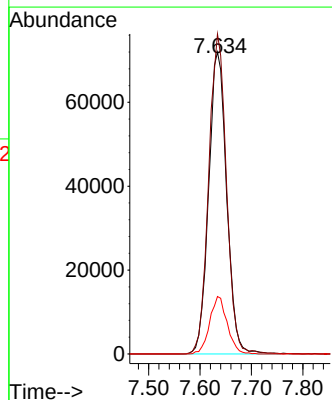
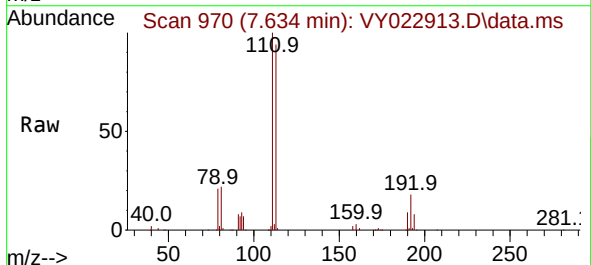
Instrument :
MSVOA_Y
ClientSampleId :
TP-60

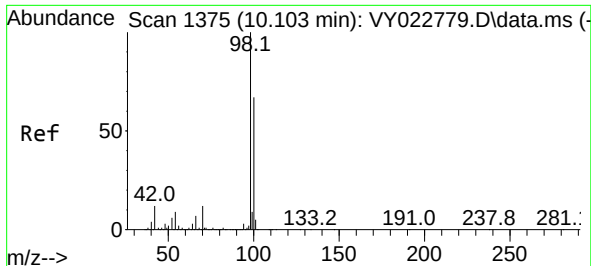
Tgt Ion:114 Resp: 537745
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.5 0.0 27.8



#35
Dibromofluoromethane
Concen: 53.498 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

Tgt Ion:113 Resp: 174954
Ion Ratio Lower Upper
113 100
111 104.5 81.1 121.7
192 18.5 14.2 21.2

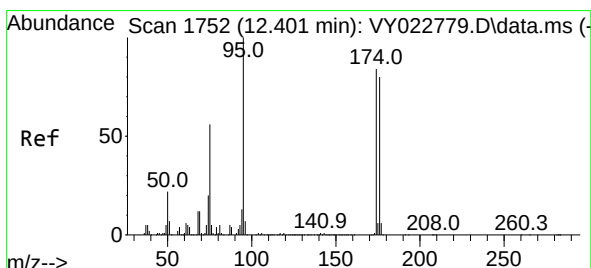
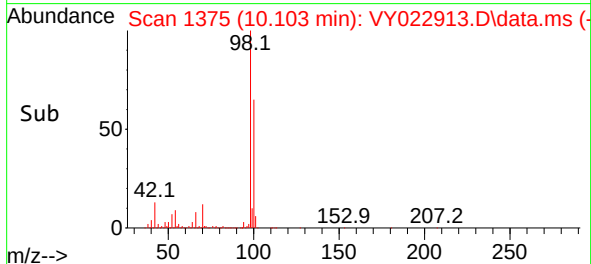
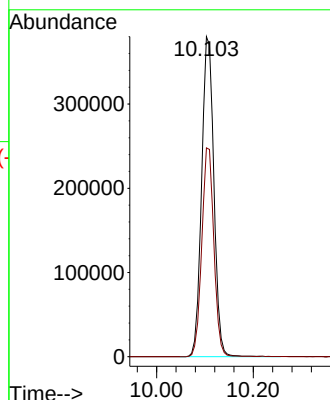
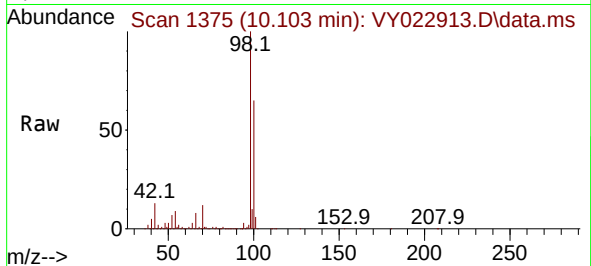




#50
Toluene-d8
Concen: 51.372 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

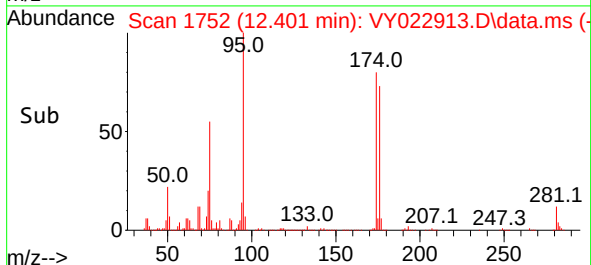
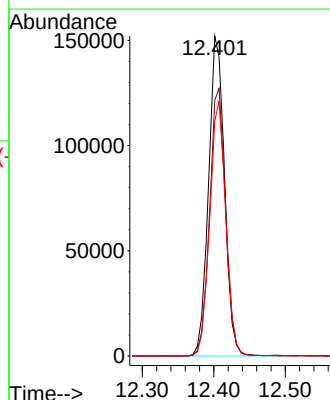
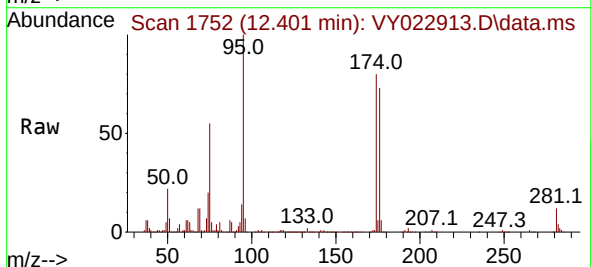
Instrument :
MSVOA_Y
ClientSampleId :
TP-60

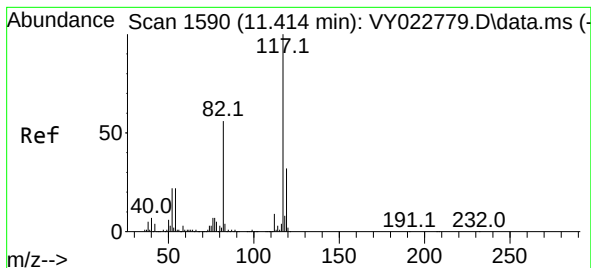
Tgt Ion: 98 Resp: 666650
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.367 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022913.D
Acq: 02 Jul 2025 15:33

Tgt Ion: 95 Resp: 235145
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 79.7 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: VY022913.D

Acq: 02 Jul 2025 15:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-60

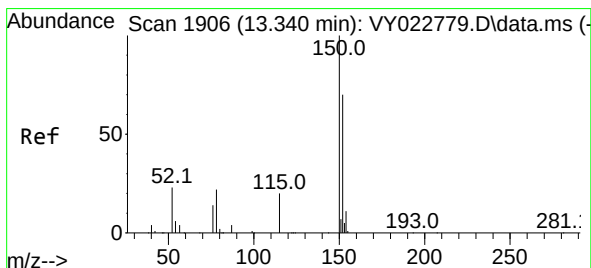
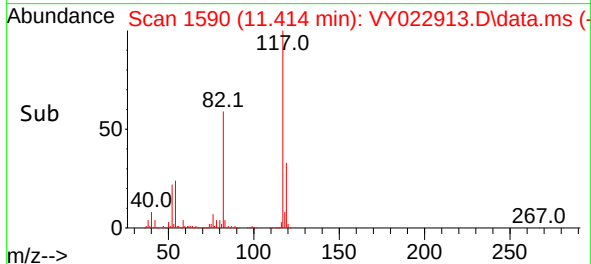
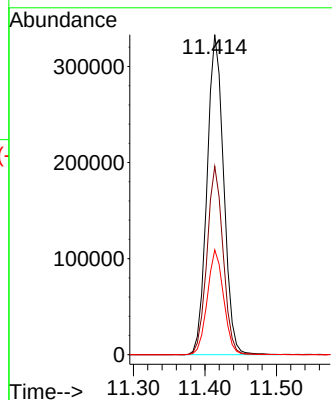
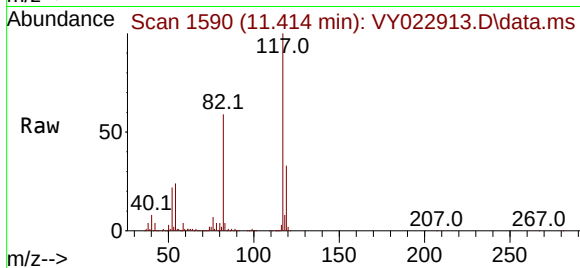
Tgt Ion:117 Resp: 538792

Ion Ratio Lower Upper

117 100

82 58.9 44.6 66.8

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. -0.000 min

Lab File: VY022913.D

Acq: 02 Jul 2025 15:33

Tgt Ion:152 Resp: 220375

Ion Ratio Lower Upper

152 100

115 57.5 28.9 86.7

150 157.9 0.0 349.6

