

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022553.D
 Acq On : 04 Jun 2025 16:11
 Operator : SY/MD
 Sample : Q2198-03
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-207-SB02

Quant Time: Jun 05 04:17:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

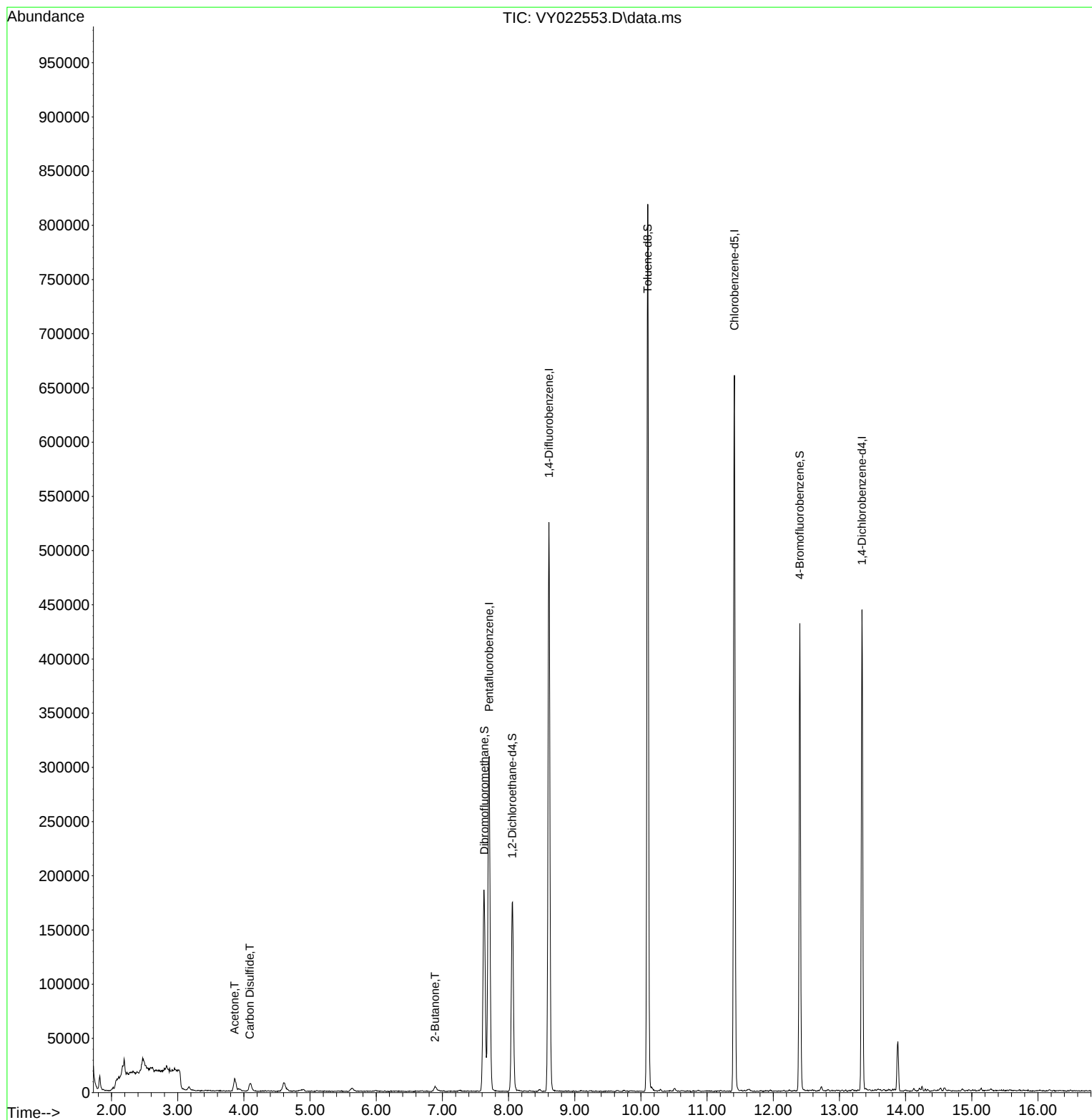
Internal Standards						
1) Pentafluorobenzene	7.707	168	231939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	422737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	101553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	133287	51.381	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.634	113	127878	50.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.360%	
50) Toluene-d8	10.103	98	504897	49.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.401	95	114216	37.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.200%	
Target Compounds						
						Qvalue
16) Acetone	3.860	43	19200	36.445	ug/l	100
17) Carbon Disulfide	4.092	76	13600	1.747	ug/l	95
25) 2-Butanone	6.890	43	5702	7.503	ug/l	90

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

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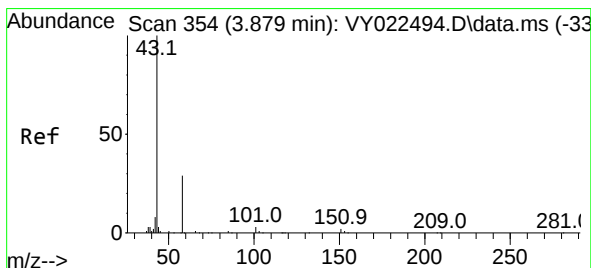
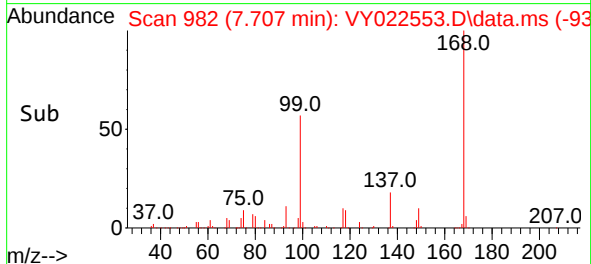
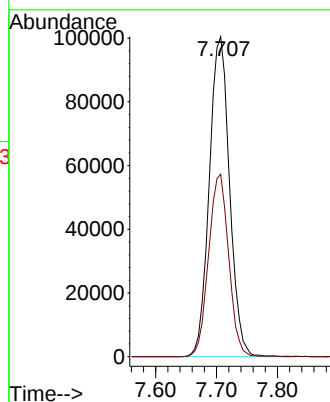
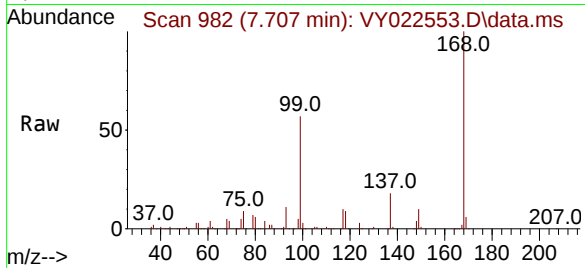




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

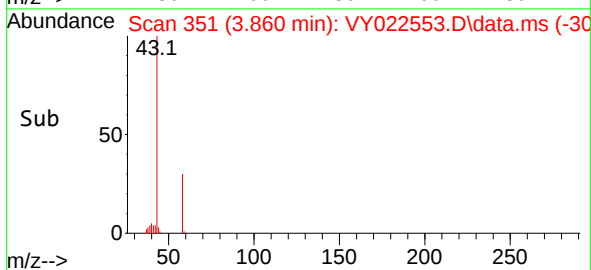
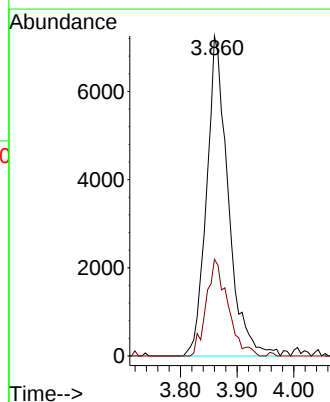
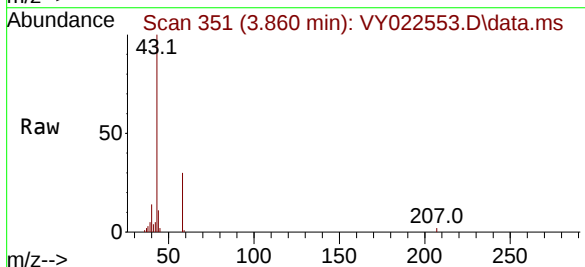
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

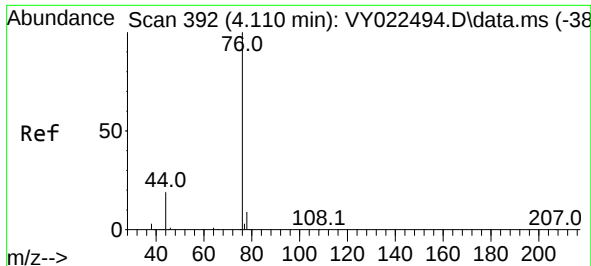
Tgt Ion:168 Resp: 231939
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5



#16
Acetone
Concen: 36.445 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 43 Resp: 19200
Ion Ratio Lower Upper
43 100
58 30.2 24.0 36.0

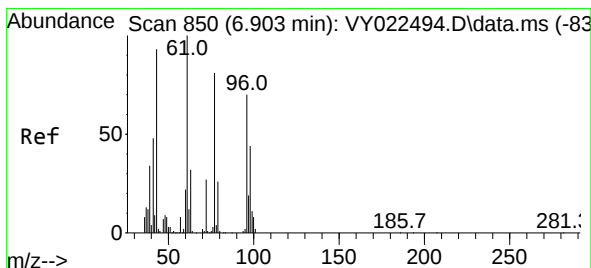
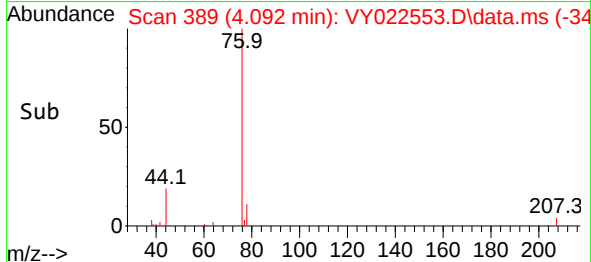
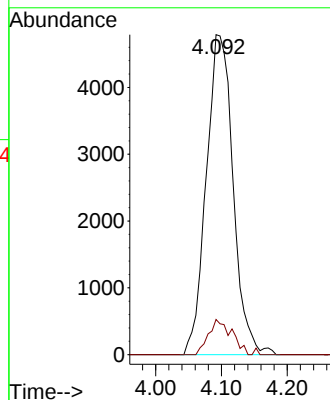
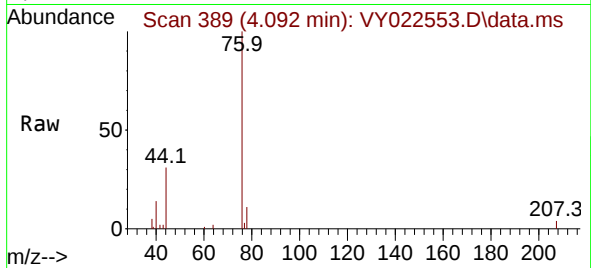




#17
Carbon Disulfide
Concen: 1.747 ug/l
RT: 4.092 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

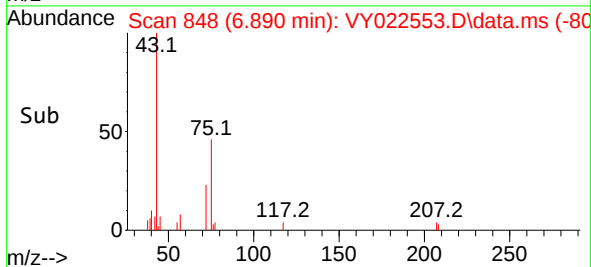
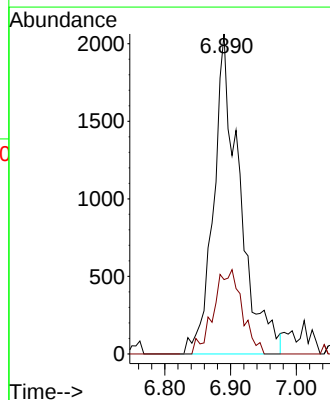
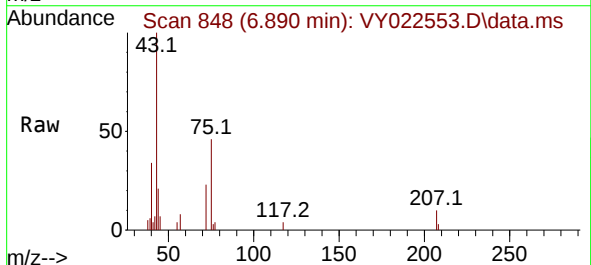
Instrument :
MSVOA_Y
ClientSampleId :
B-207-SB02

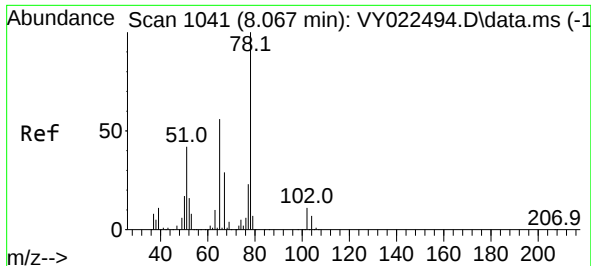
Tgt Ion: 76 Resp: 13600
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.2



#25
2-Butanone
Concen: 7.503 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.013 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 43 Resp: 5702
Ion Ratio Lower Upper
43 100
72 23.3 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 51.381 ug/l

RT: 8.054 min Scan# 110

Delta R.T. -0.013 min

Lab File: VY022553.D

Acq: 04 Jun 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

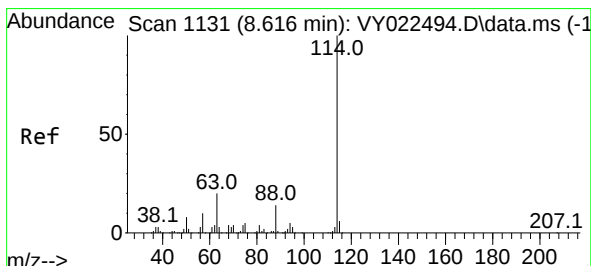
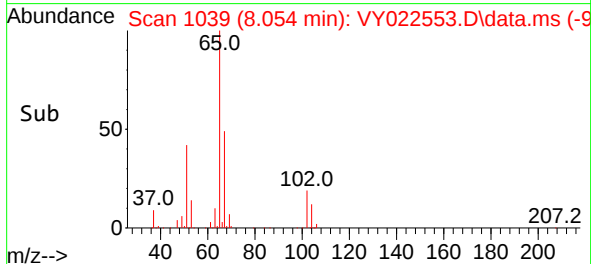
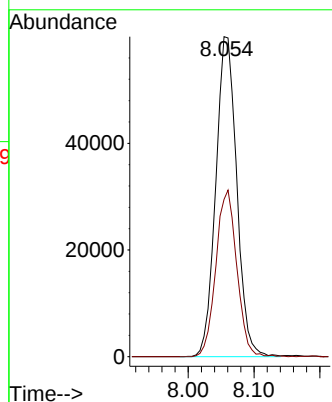
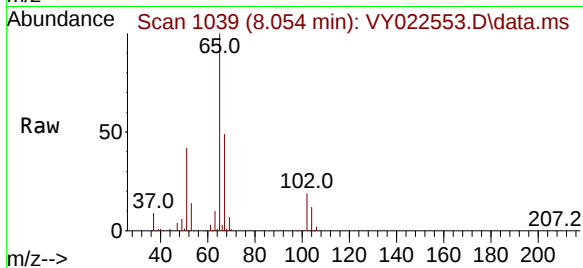
B-207-SB02

Tgt Ion: 65 Resp: 133287

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VY022553.D

Acq: 04 Jun 2025 16:11

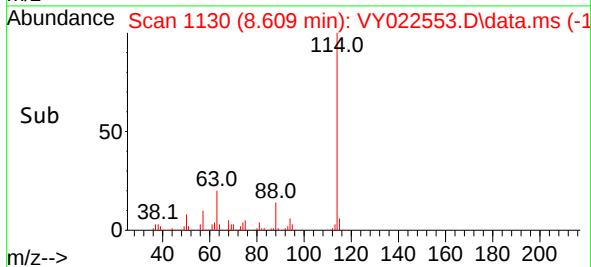
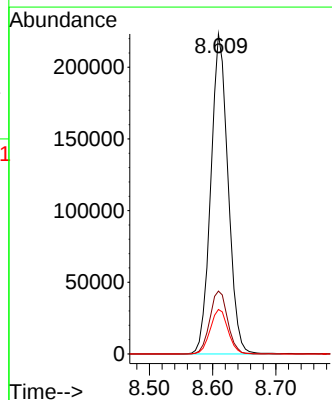
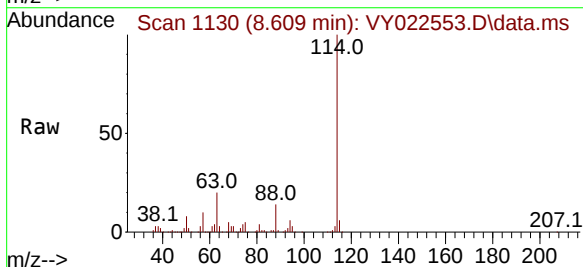
Tgt Ion: 114 Resp: 422737

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 13.9 0.0 27.8

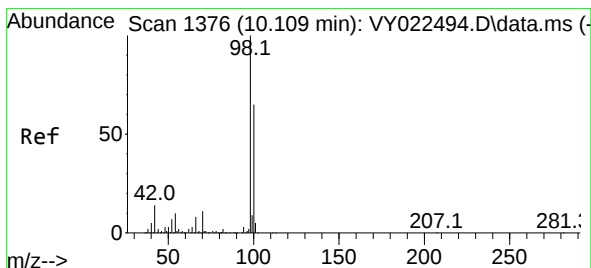
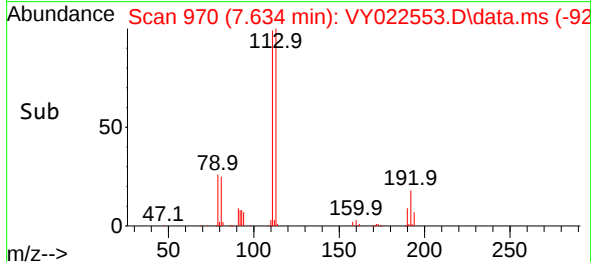
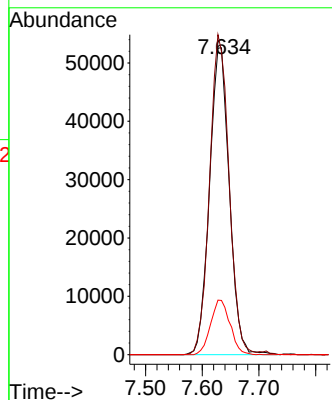
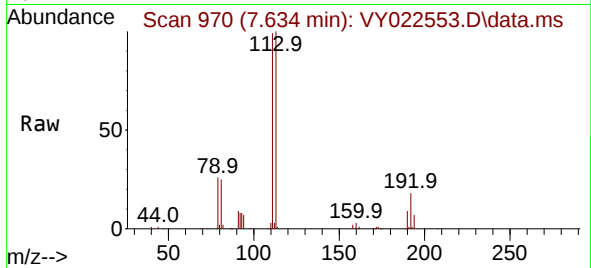




#35
Dibromofluoromethane
Concen: 50.680 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

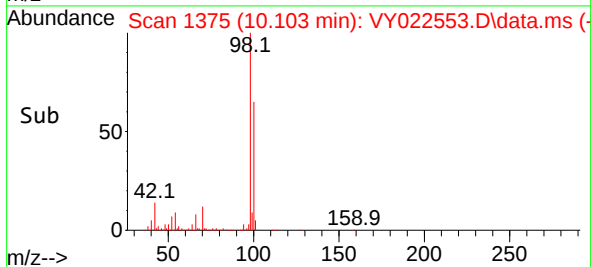
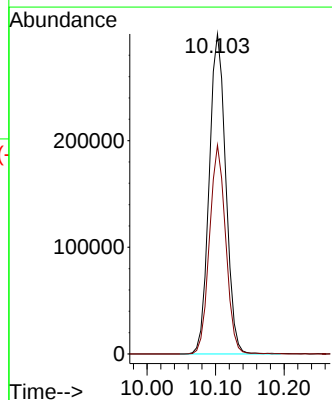
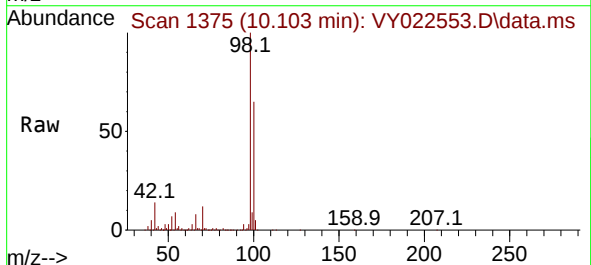
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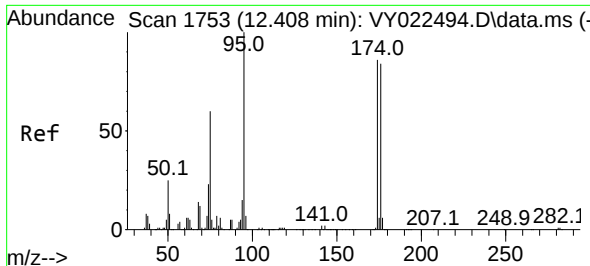
Tgt Ion:113 Resp: 127878
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 17.4 14.2 21.2



#50
Toluene-d8
Concen: 49.522 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

Tgt Ion: 98 Resp: 504897
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0

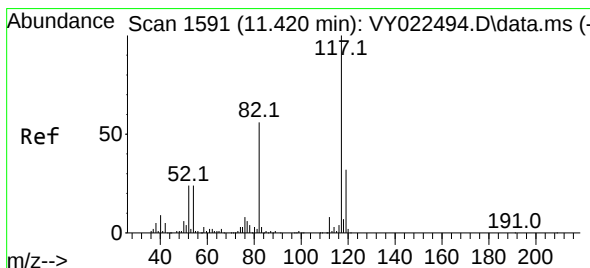
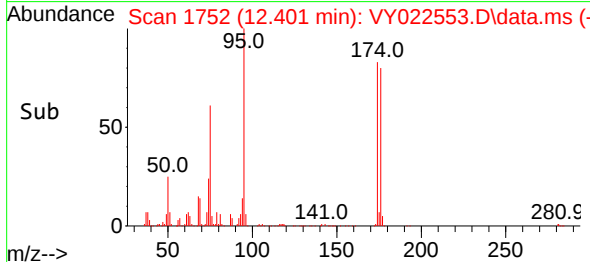
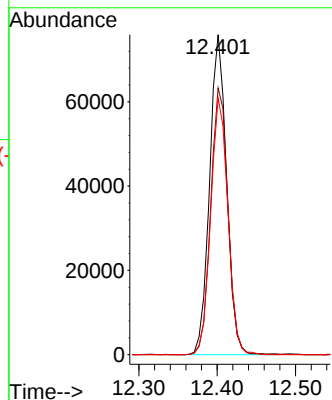
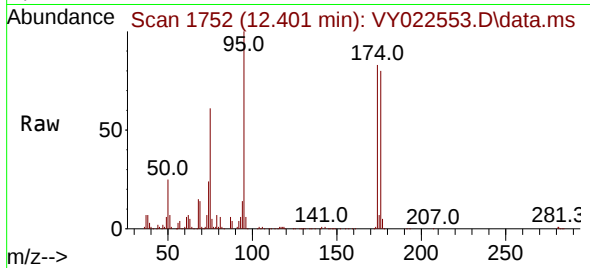




#62
4-Bromofluorobenzene
Concen: 37.599 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

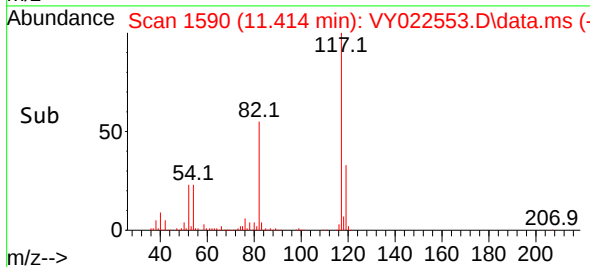
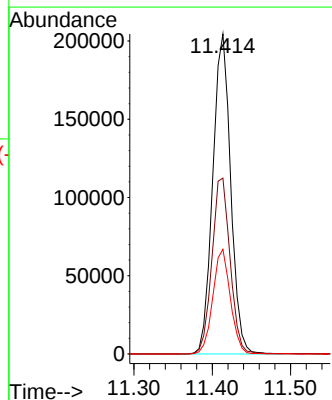
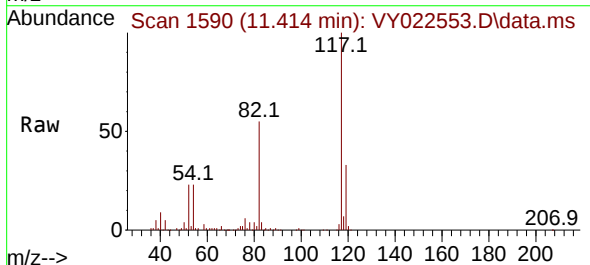
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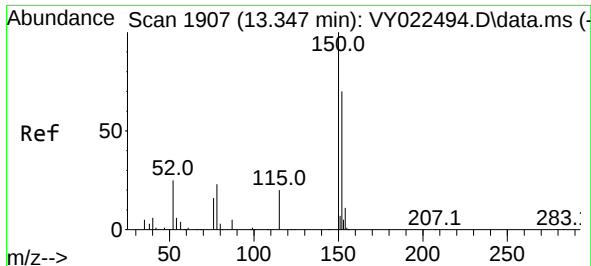
Tgt Ion: 95 Resp: 114216
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.0
176 81.4 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.007 min
Lab File: VY022553.D
Acq: 04 Jun 2025 16:11

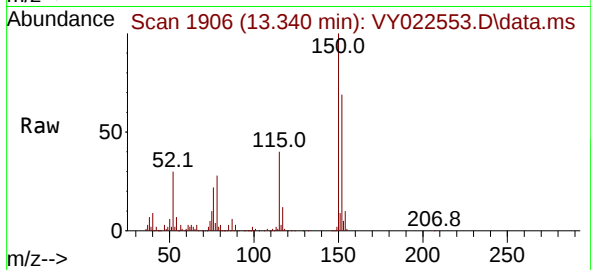
Tgt Ion: 117 Resp: 324979
Ion Ratio Lower Upper
117 100
82 54.9 44.6 66.8
119 32.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.007 min
 Lab File: VY022553.D
 Acq: 04 Jun 2025 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-207-SB02



Tgt Ion:152 Resp: 101553
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.9 86.7
 150 154.8 0.0 349.6

