

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022888.D
 Acq On : 30 Jun 2025 18:22
 Operator : SY/MD
 Sample : Q2458-02
 Misc : 3.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-55

Quant Time: Jul 01 03:42:24 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)

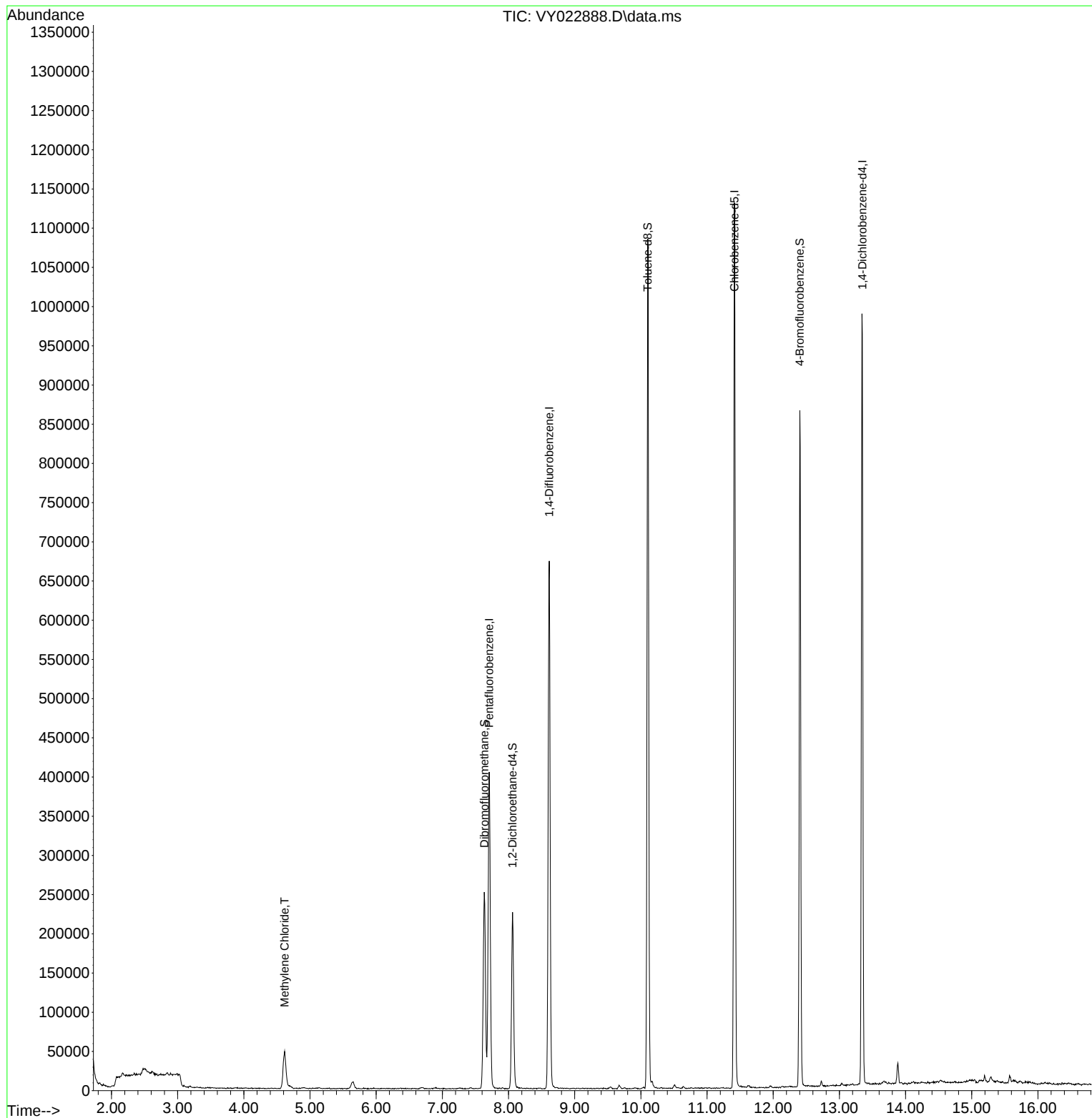
Internal Standards						
1) Pentafluorobenzene	7.707	168	302919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	573452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	562005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	240190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175271	51.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.634	113	179092	51.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.103	98	700038	50.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.401	95	251178	56.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.920%	
Target Compounds						
20) Methylene Chloride	4.616	84	33100	8.202	ug/l	Qvalue 95

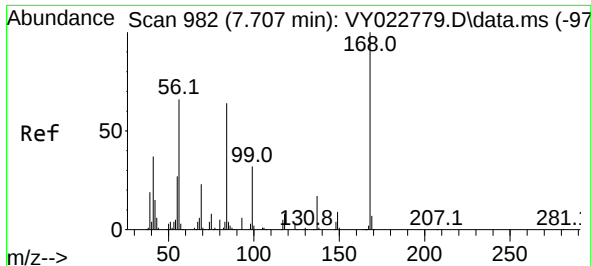
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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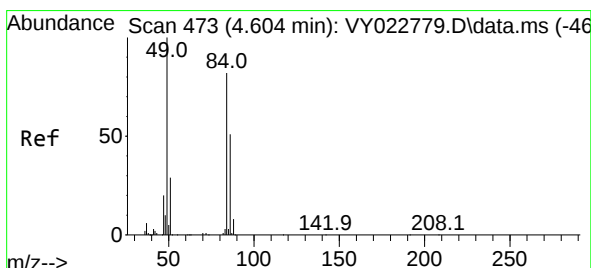
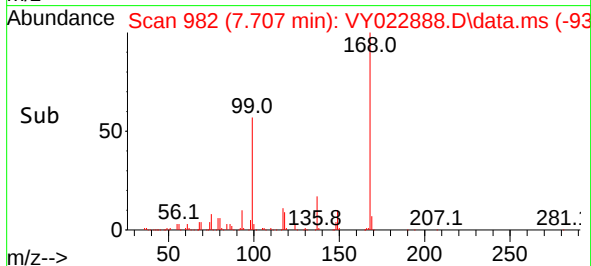
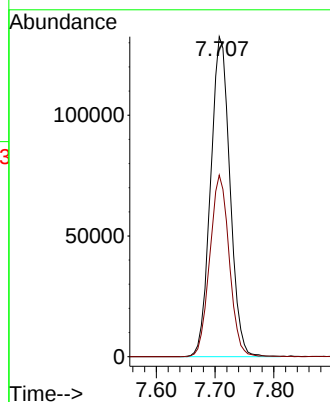
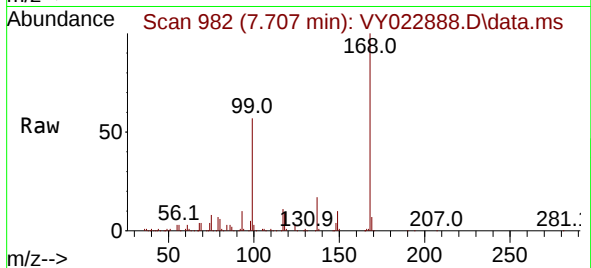




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022888.D
Acq: 30 Jun 2025 18:22

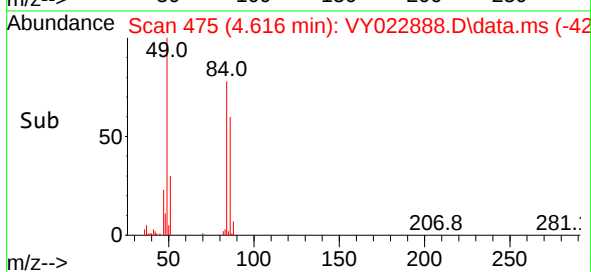
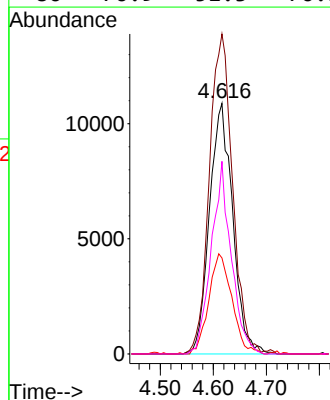
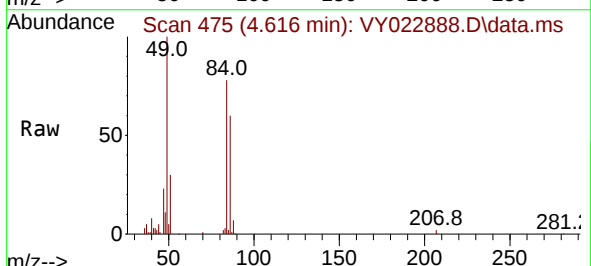
Instrument :
MSVOA_Y
ClientSampleId :
TP-55

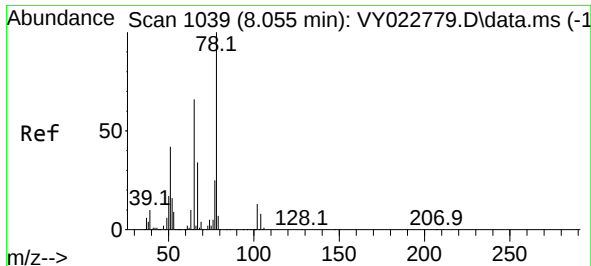
Tgt Ion:168 Resp: 302919
Ion Ratio Lower Upper
168 100
99 56.7 44.3 66.5



#20
Methylene Chloride
Concen: 8.202 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022888.D
Acq: 30 Jun 2025 18:22

Tgt Ion: 84 Resp: 33100
Ion Ratio Lower Upper
84 100
49 127.7 101.9 152.9
51 38.3 29.8 44.8
86 76.9 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 51.842 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY022888.D

Acq: 30 Jun 2025 18:22

Instrument :

MSVOA_Y

ClientSampleId :

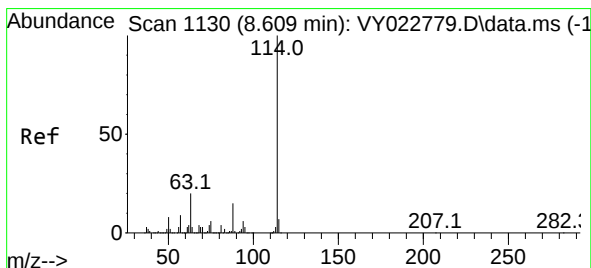
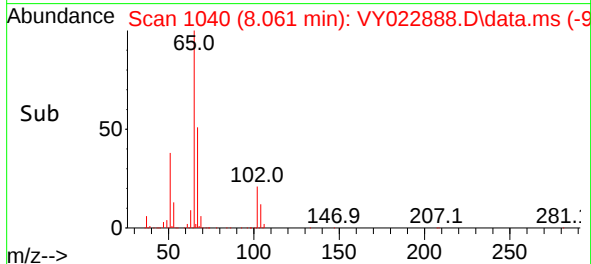
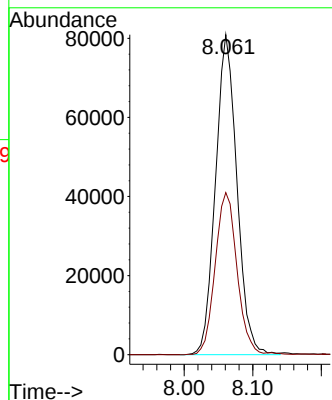
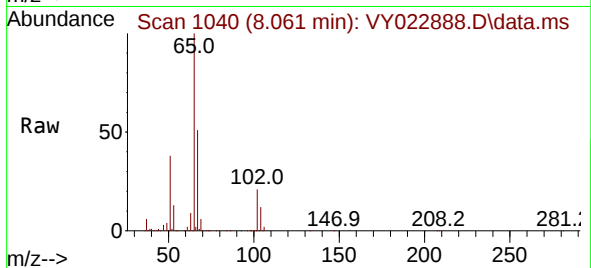
TP-55

Tgt Ion: 65 Resp: 175271

Ion Ratio Lower Upper

65 100

67 51.9 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: VY022888.D

Acq: 30 Jun 2025 18:22

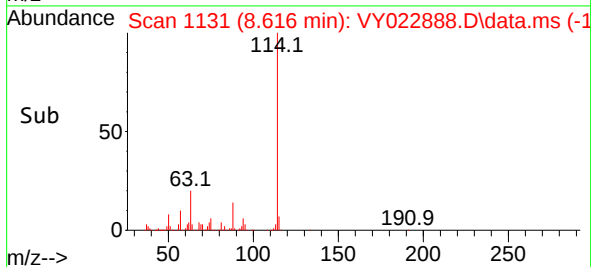
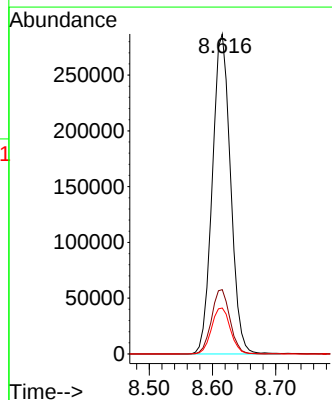
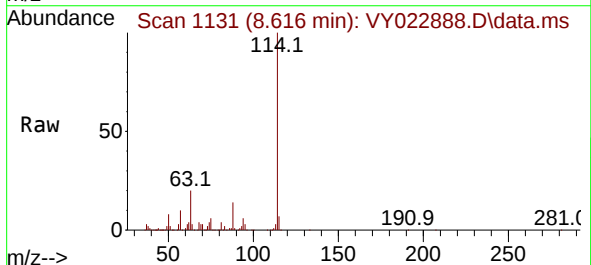
Tgt Ion: 114 Resp: 573452

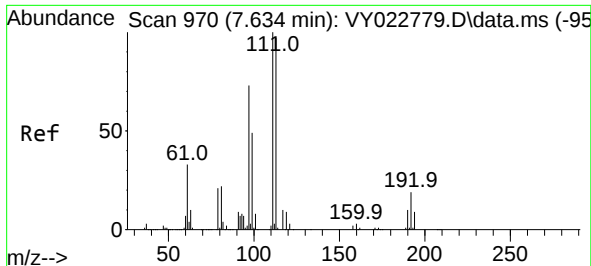
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.4 0.0 27.8

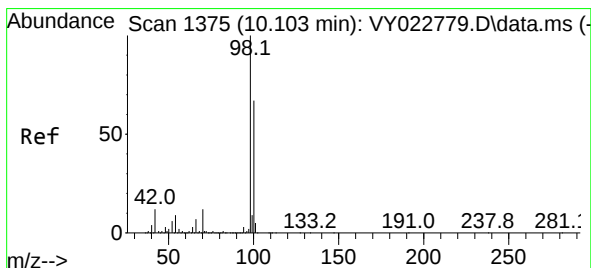
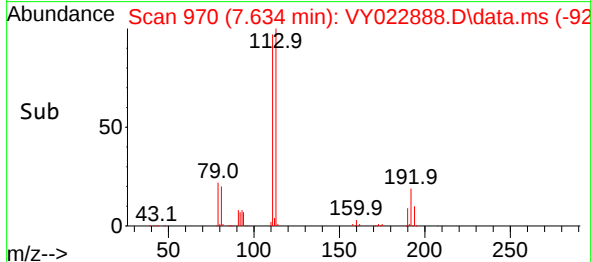
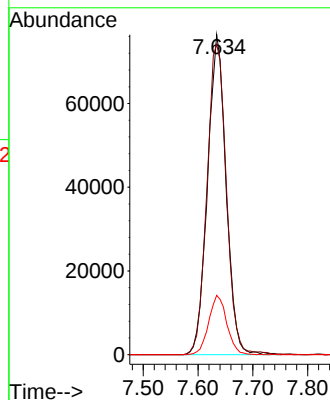
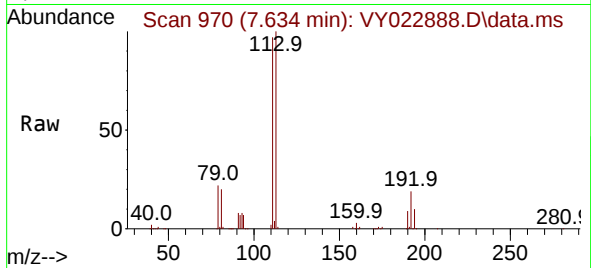




#35
Dibromofluoromethane
Concen: 51.353 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022888.D
Acq: 30 Jun 2025 18:22

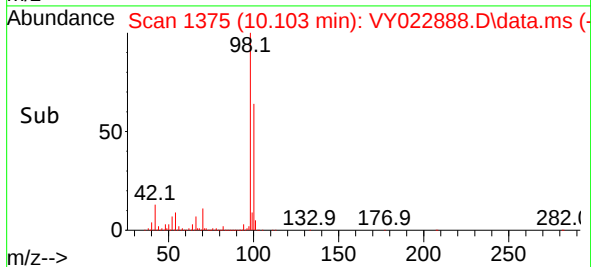
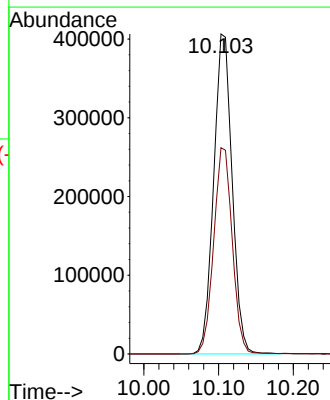
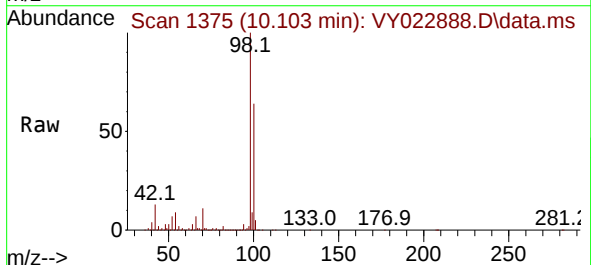
Instrument :
MSVOA_Y
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TP-55

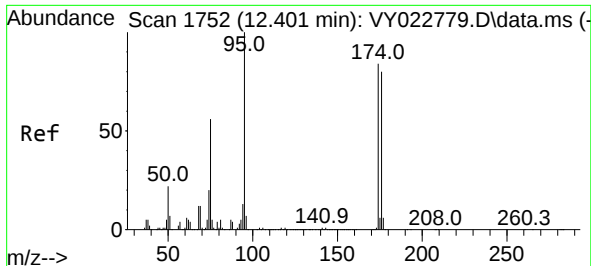
Tgt Ion:113 Resp: 179092
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 18.2 14.2 21.2



#50
Toluene-d8
Concen: 50.585 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022888.D
Acq: 30 Jun 2025 18:22

Tgt Ion: 98 Resp: 700038
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

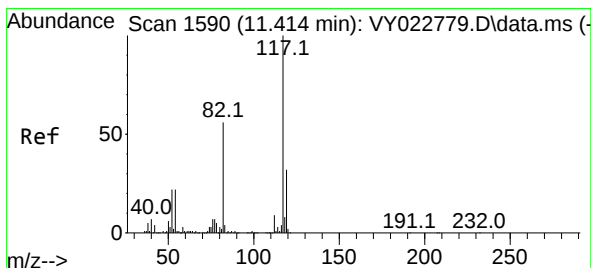
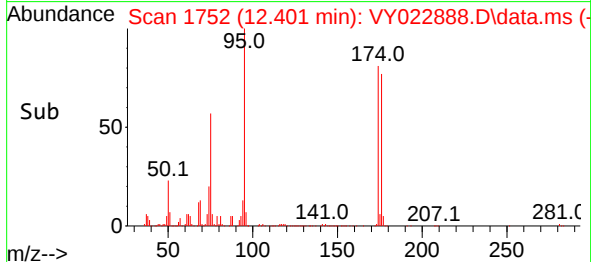
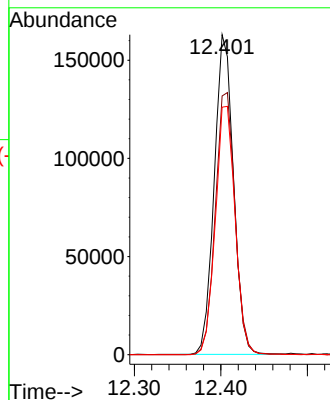
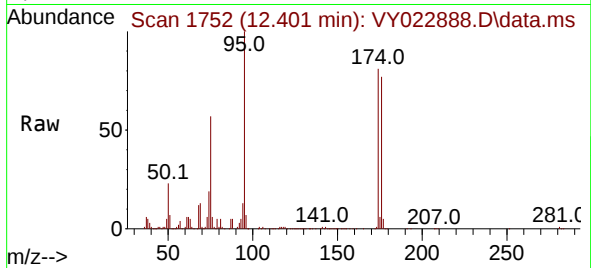




#62
4-Bromofluorobenzene
Concen: 56.461 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022888.D
Acq: 30 Jun 2025 18:22

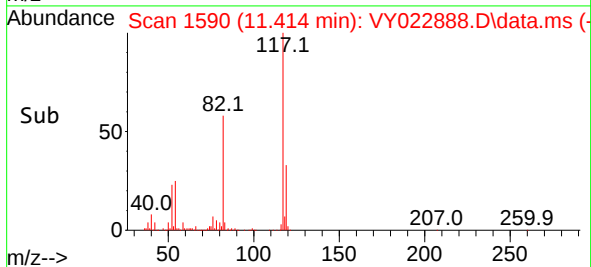
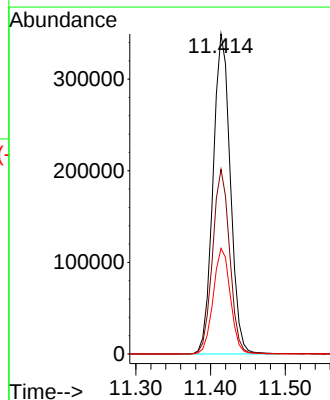
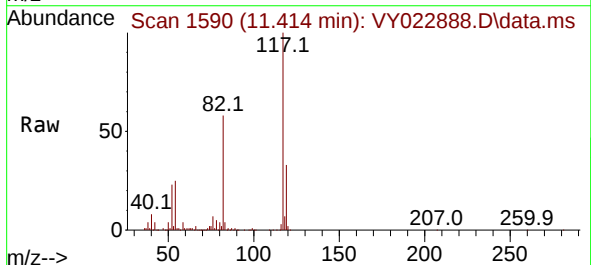
Instrument :
MSVOA_Y
ClientSampleId :
TP-55

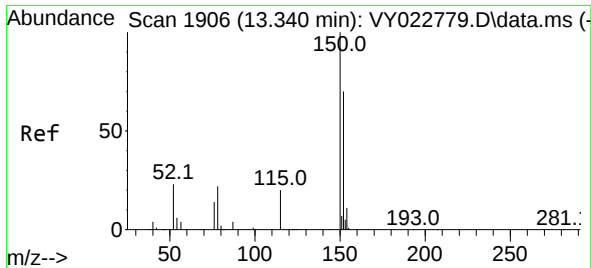
Tgt Ion:	95	Resp:	251178
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	170.0
176	80.1	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022888.D
Acq: 30 Jun 2025 18:22

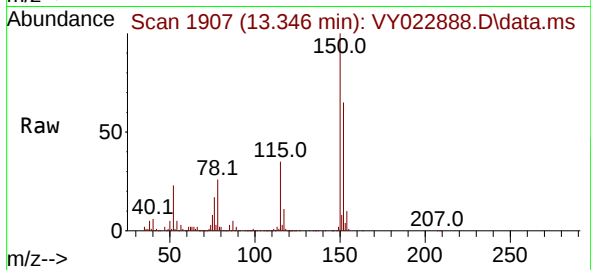
Tgt Ion:	117	Resp:	562005
Ion Ratio	Lower	Upper	
117	100		
82	57.7	44.6	66.8
119	33.0	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022888.D
 Acq: 30 Jun 2025 18:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-55



Tgt Ion:152 Resp: 240190
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.9 86.7
 150 157.0 0.0 349.6

