

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022958.D
 Acq On : 07 Jul 2025 14:25
 Operator : SY/MD
 Sample : Q2484-01
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-58

Quant Time: Jul 08 01:47:53 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)

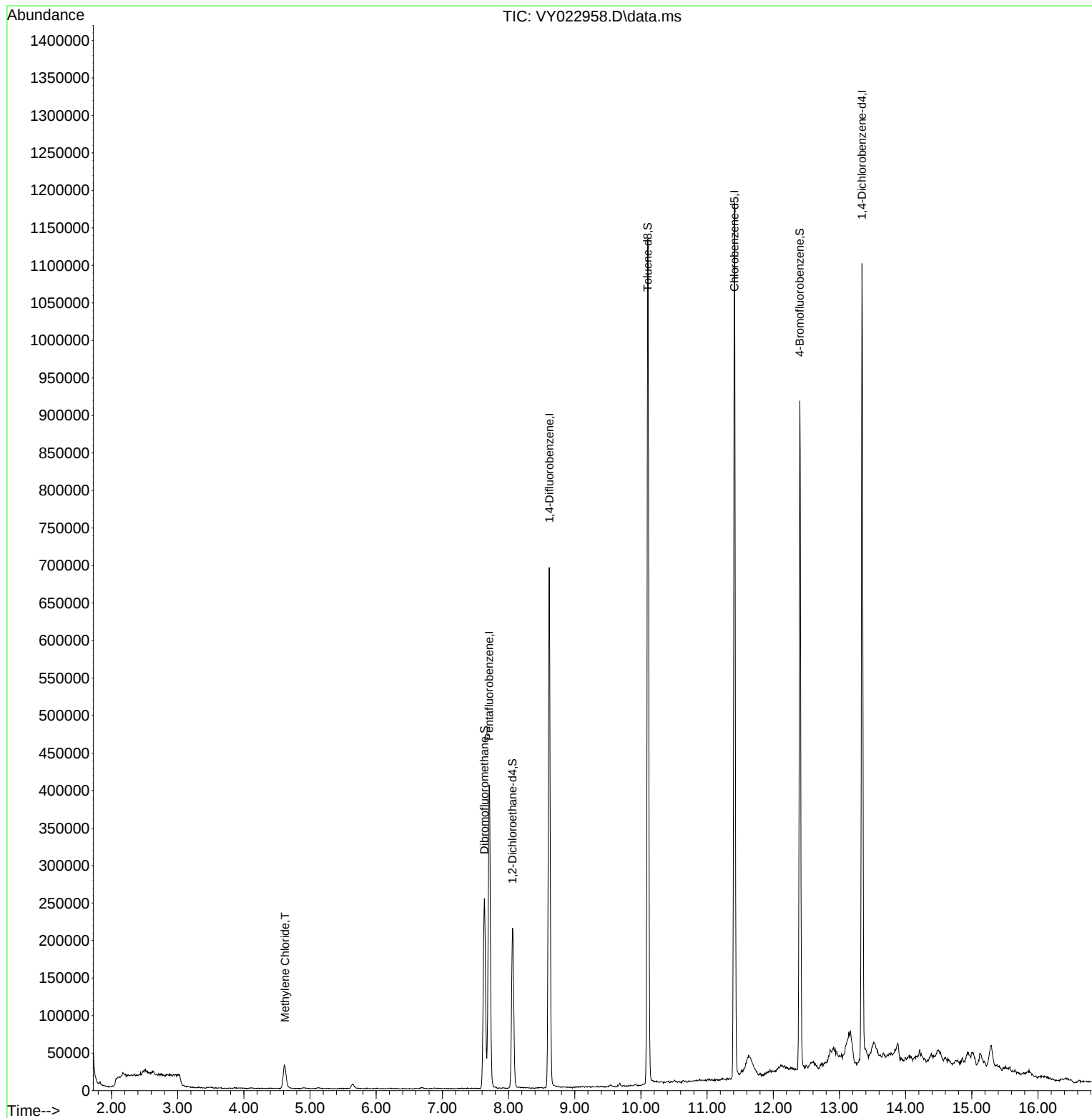
Internal Standards						
1) Pentafluorobenzene	7.707	168	303940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	573765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	578554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	249732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171132	50.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.900%	
35) Dibromofluoromethane	7.634	113	180945	51.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.103	98	715290	51.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.402	95	259979	58.407	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.820%	
Target Compounds						
20) Methylene Chloride	4.622	84	22497	5.556	ug/l	Qvalue 93

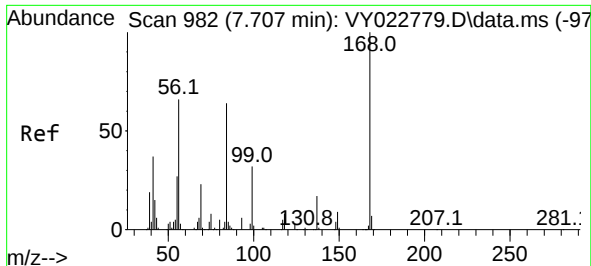
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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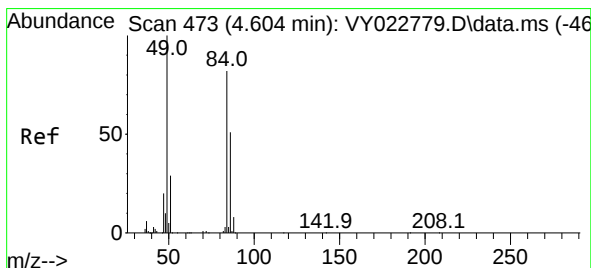
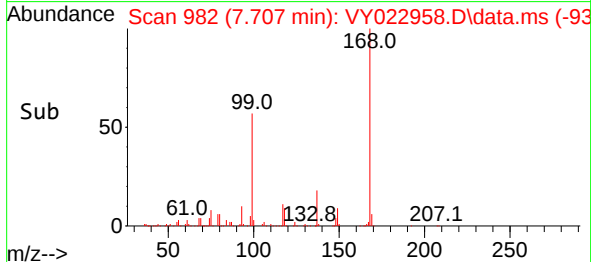
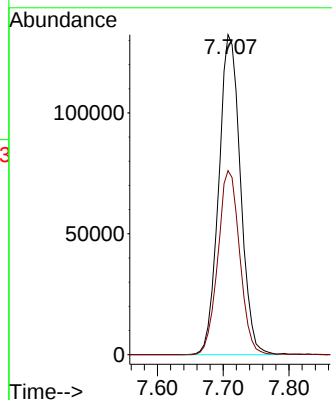
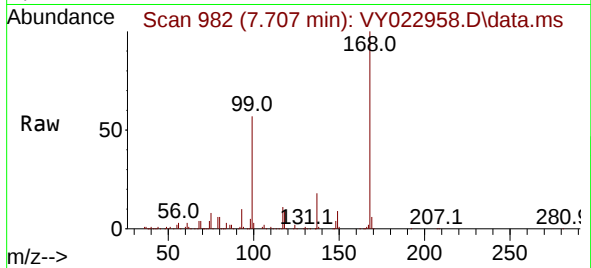




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022958.D
Acq: 07 Jul 2025 14:25

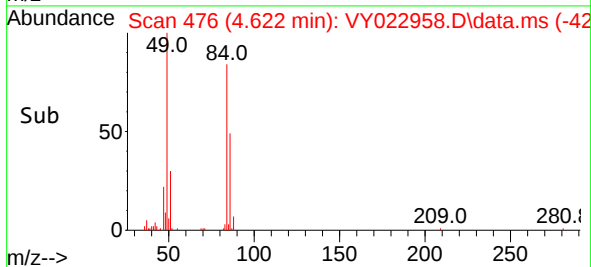
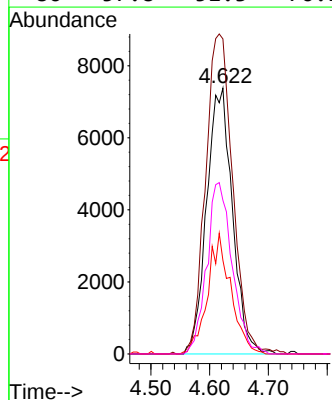
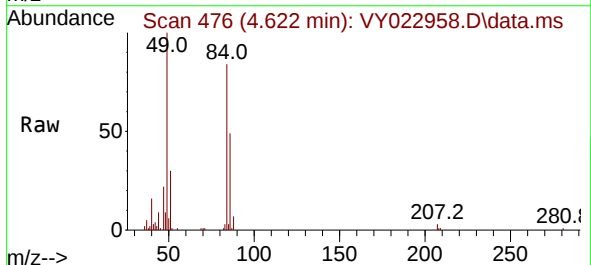
Instrument :
MSVOA_Y
ClientSampleId :
TP-58

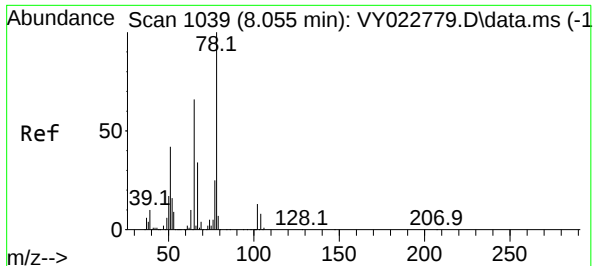
Tgt Ion:168 Resp: 303940
Ion Ratio Lower Upper
168 100
99 57.5 44.3 66.5



#20
Methylene Chloride
Concen: 5.556 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022958.D
Acq: 07 Jul 2025 14:25

Tgt Ion: 84 Resp: 22497
Ion Ratio Lower Upper
84 100
49 118.5 101.9 152.9
51 35.2 29.8 44.8
86 57.8 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 50.448 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022958.D

Acq: 07 Jul 2025 14:25

Instrument :

MSVOA_Y

ClientSampleId :

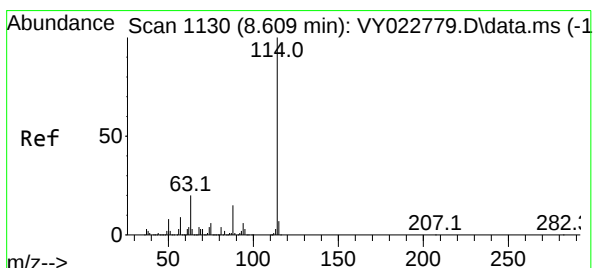
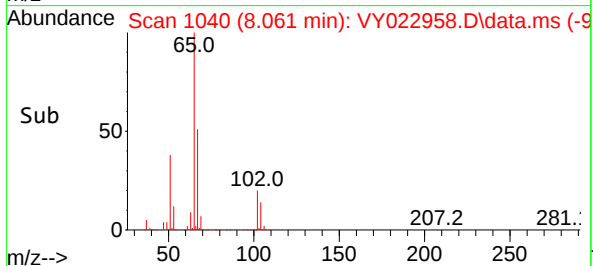
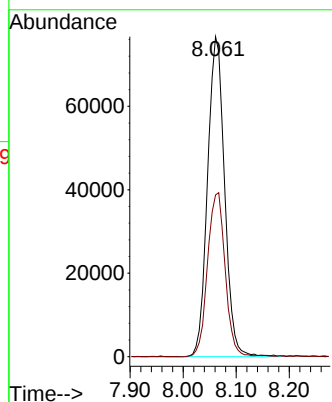
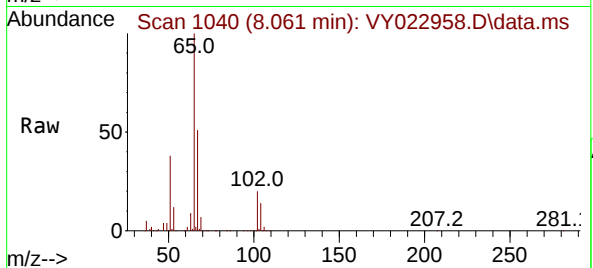
TP-58

Tgt Ion: 65 Resp: 171132

Ion Ratio Lower Upper

65 100

67 52.8 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: VY022958.D

Acq: 07 Jul 2025 14:25

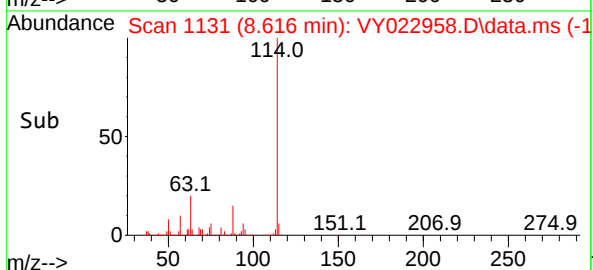
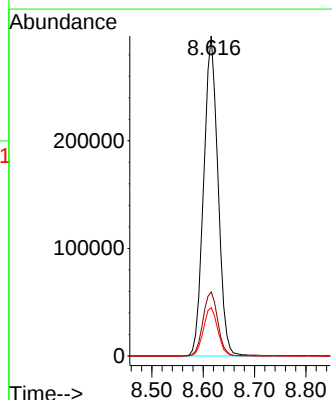
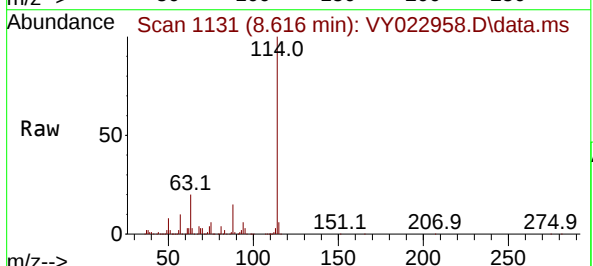
Tgt Ion: 114 Resp: 573765

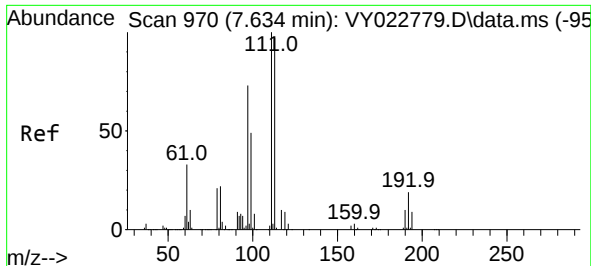
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.1 0.0 27.8

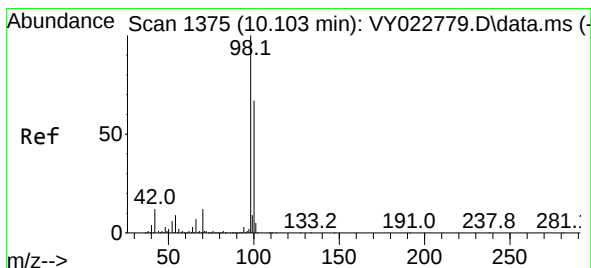
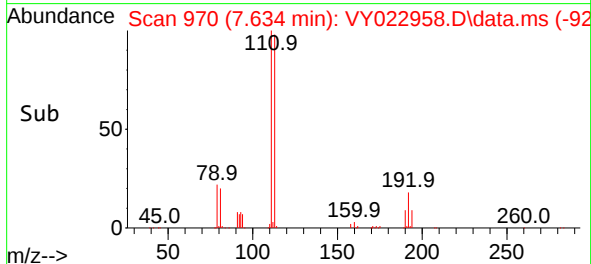
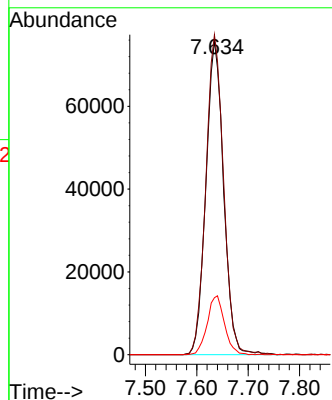
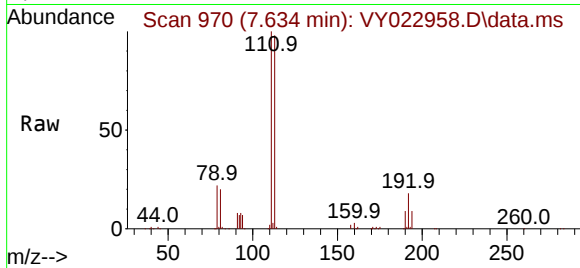




#35
Dibromofluoromethane
Concen: 51.856 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022958.D
Acq: 07 Jul 2025 14:25

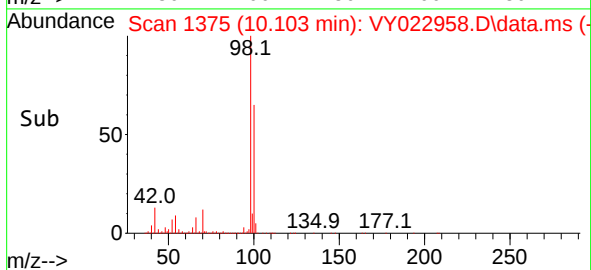
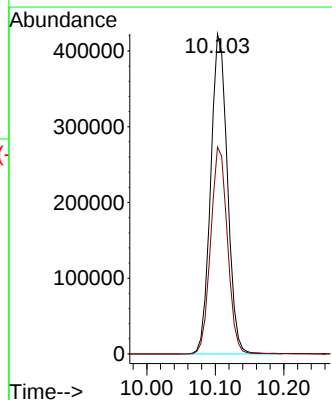
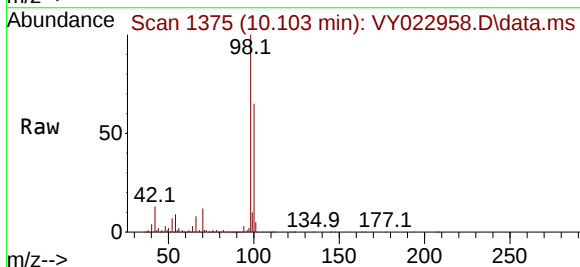
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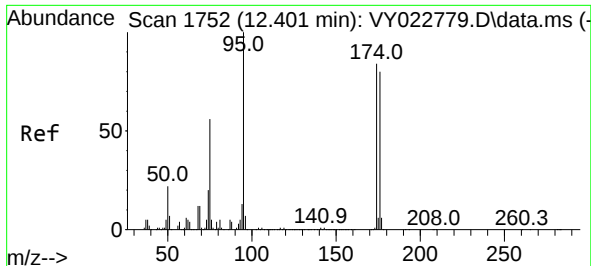
Tgt Ion:113 Resp: 180945
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 18.4 14.2 21.2



#50
Toluene-d8
Concen: 51.659 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022958.D
Acq: 07 Jul 2025 14:25

Tgt Ion: 98 Resp: 715290
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

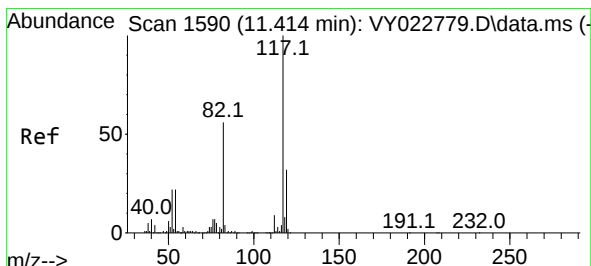
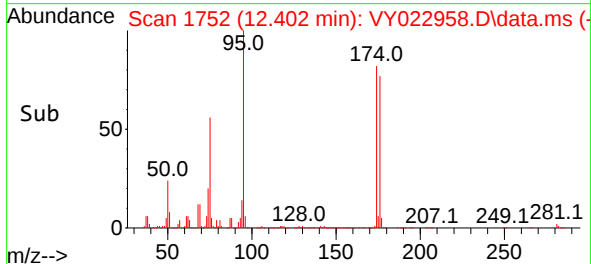
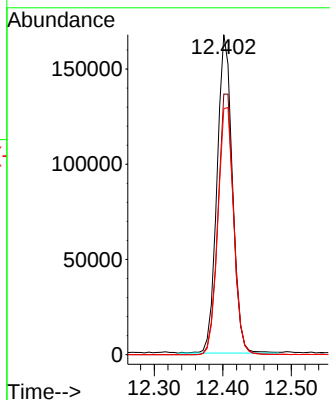
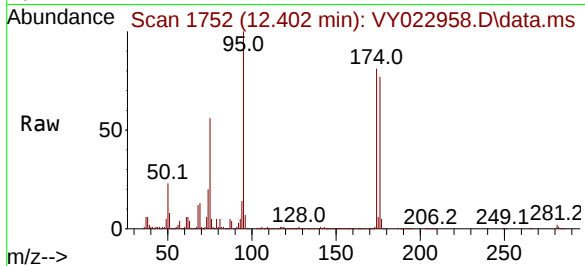




#62
4-Bromofluorobenzene
Concen: 58.407 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022958.D
Acq: 07 Jul 2025 14:25

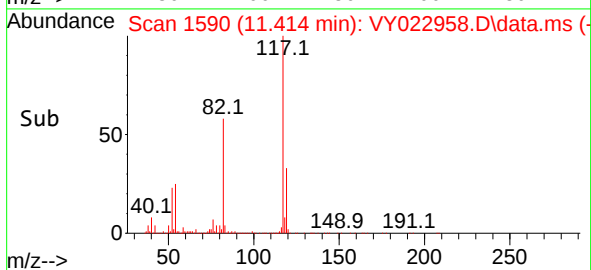
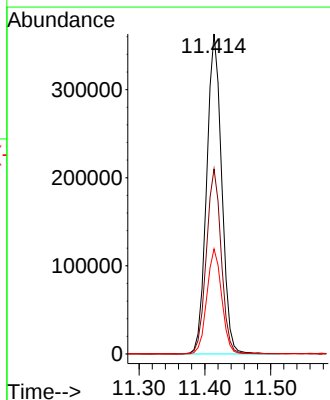
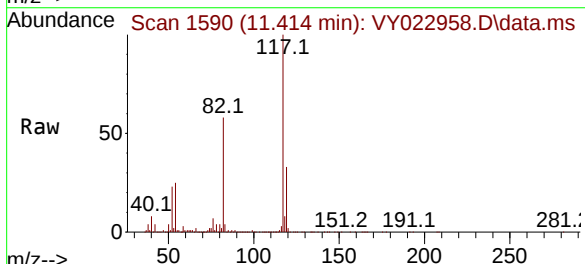
Instrument :
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ClientSampleId :
TP-58

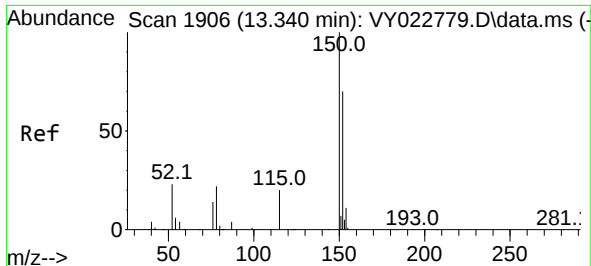
Tgt Ion: 95 Resp: 259979
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 79.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022958.D
Acq: 07 Jul 2025 14:25

Tgt Ion: 117 Resp: 578554
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY022958.D
 Acq: 07 Jul 2025 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-58

Tgt Ion:152 Resp: 249732

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.7
150	157.5	0.0	349.6

