

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022879.D
 Acq On : 30 Jun 2025 14:52
 Operator : SY/MD
 Sample : Q2436-05
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-84

Quant Time: Jul 01 03:38:12 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)

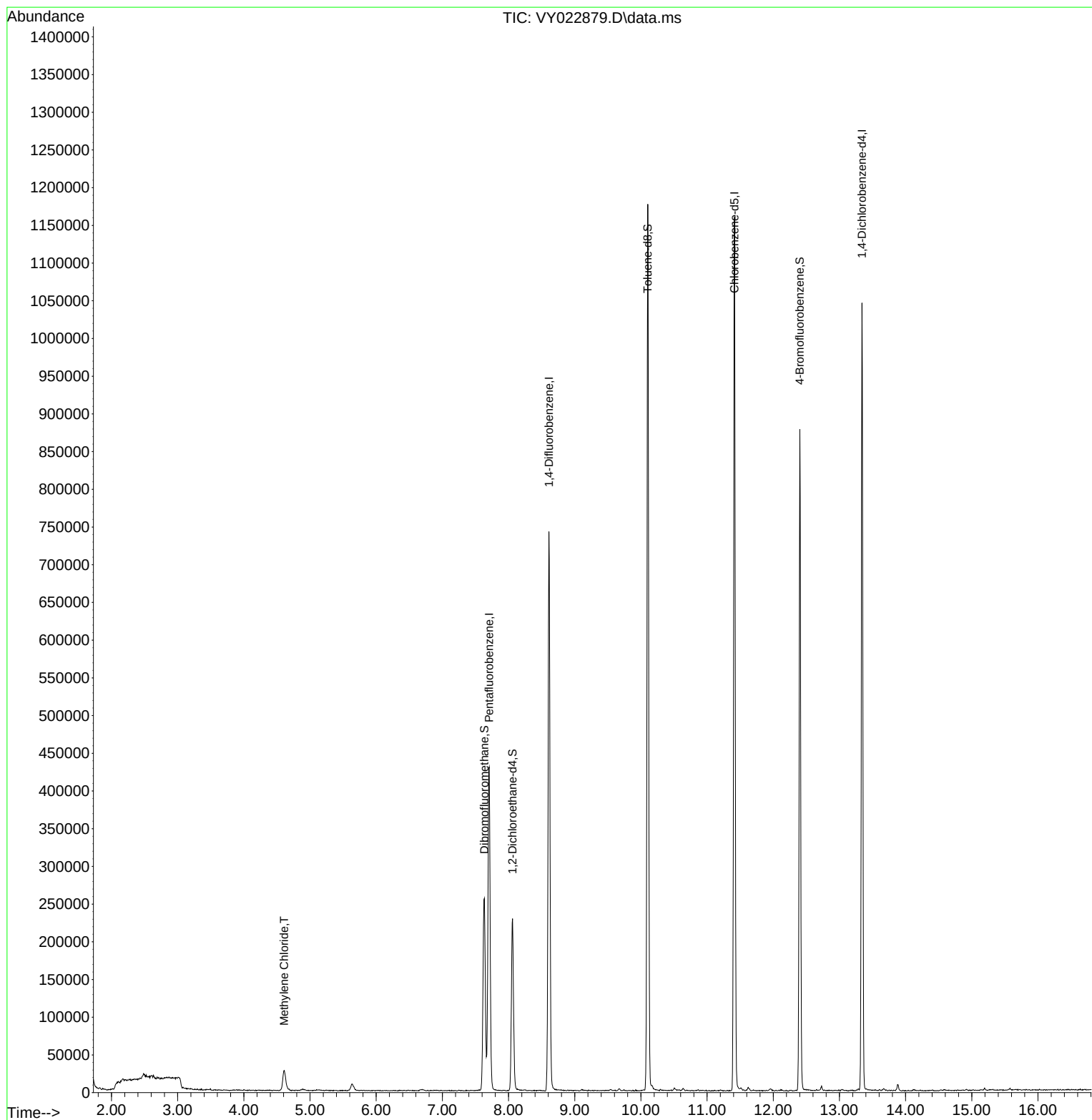
Internal Standards						
1) Pentafluorobenzene	7.707	168	323652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	612070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	599073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	250413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	180181	49.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.634	113	185558	49.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.103	98	747799	50.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.402	95	259107	54.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.140%
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	19840	4.601	ug/l	97

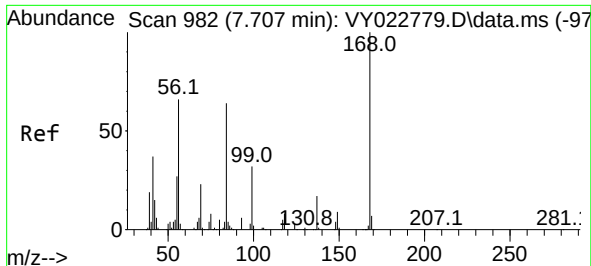
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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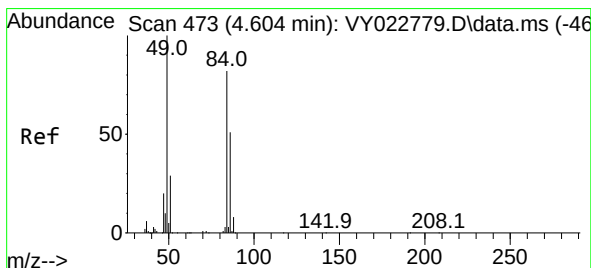
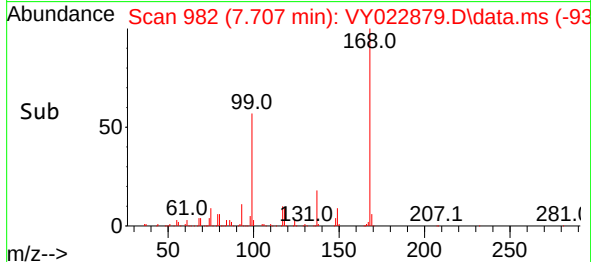
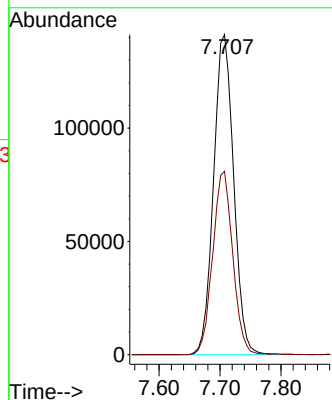
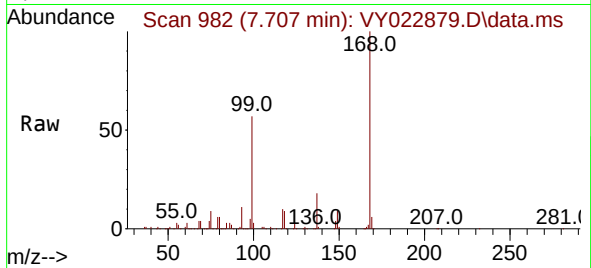




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

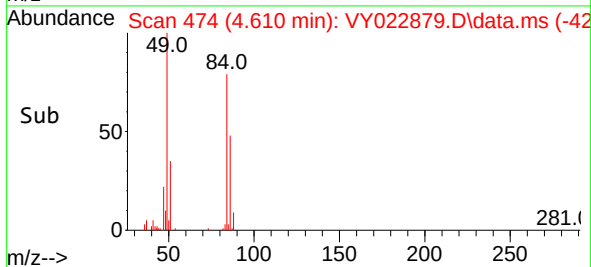
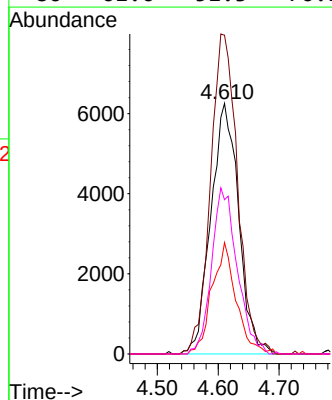
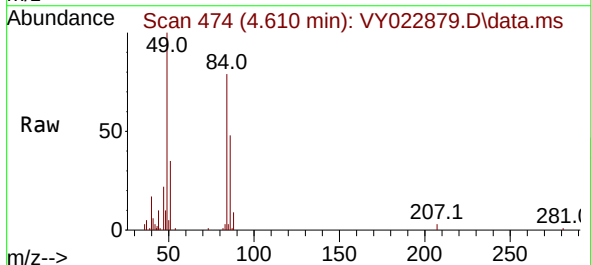
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

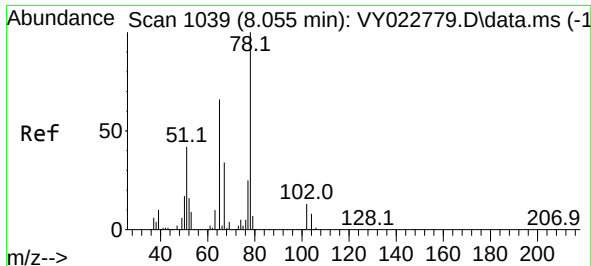
Tgt Ion:168 Resp: 323652
Ion Ratio Lower Upper
168 100
99 57.3 44.3 66.5



#20
Methylene Chloride
Concen: 4.601 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 84 Resp: 19840
Ion Ratio Lower Upper
84 100
49 127.2 101.9 152.9
51 44.4 29.8 44.8
86 61.6 51.3 76.9

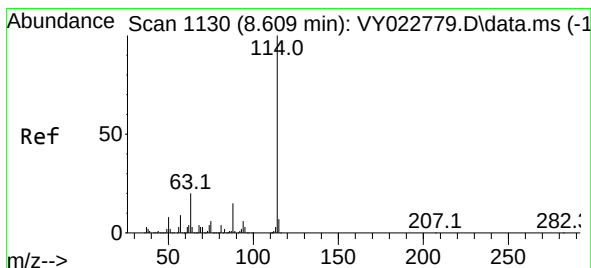
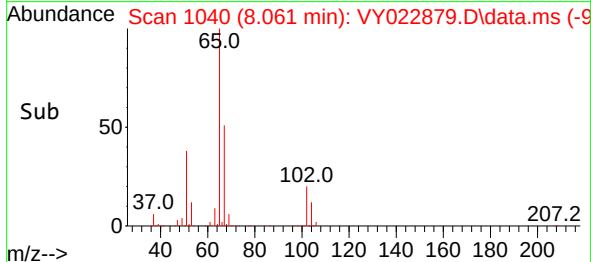
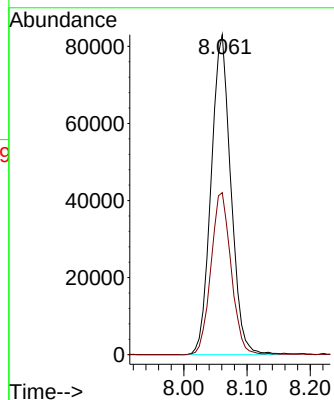
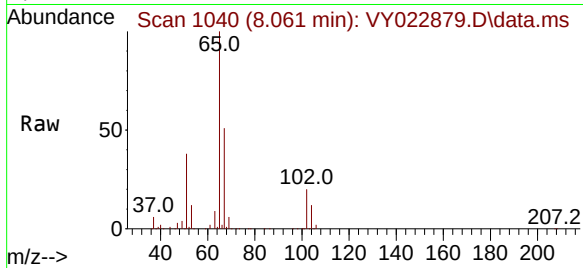




#33
 1,2-Dichloroethane-d4
 Concen: 49.880 ug/l
 RT: 8.061 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: VY022879.D
 Acq: 30 Jun 2025 14:52

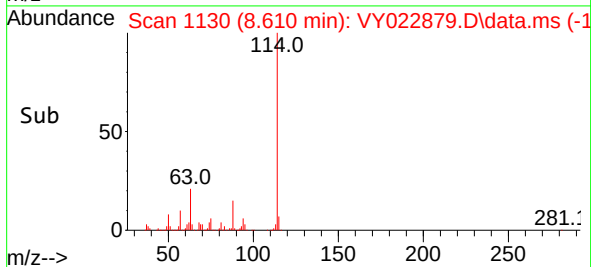
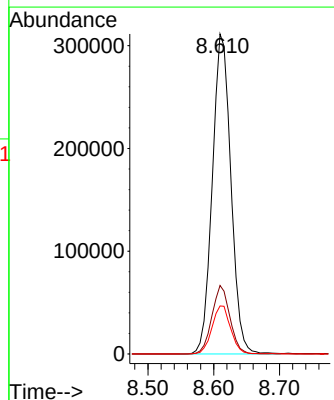
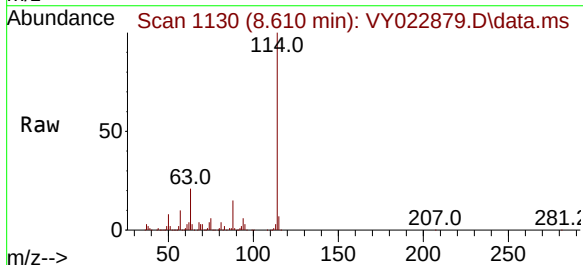
Instrument :
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 ClientSampleId :
 TP-84

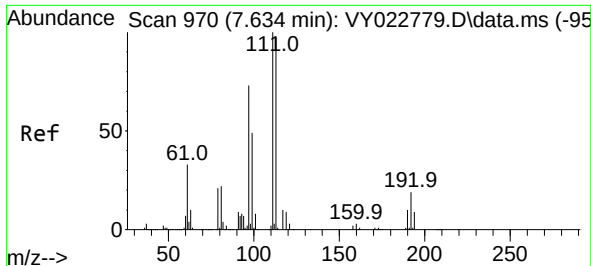
Tgt Ion: 65 Resp: 180181
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY022879.D
 Acq: 30 Jun 2025 14:52

Tgt Ion: 114 Resp: 612070
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 15.0 0.0 27.8

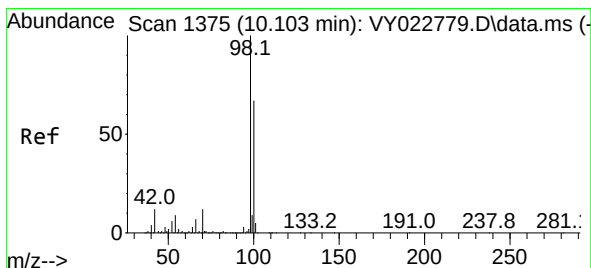
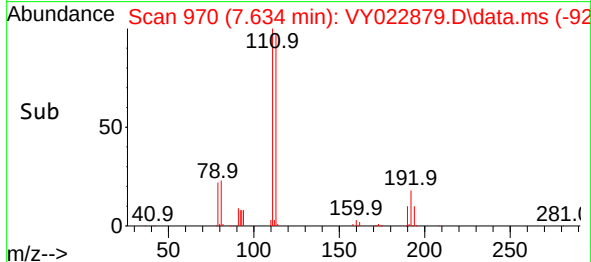
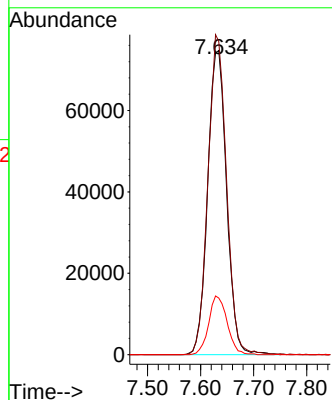
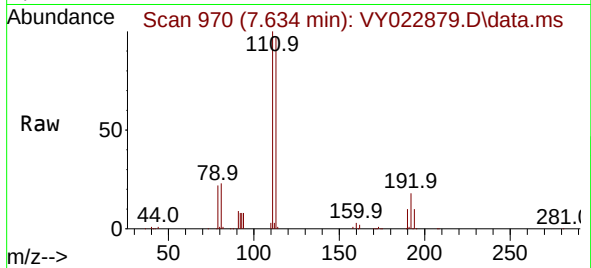




#35
Dibromofluoromethane
Concen: 49.850 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022879.D
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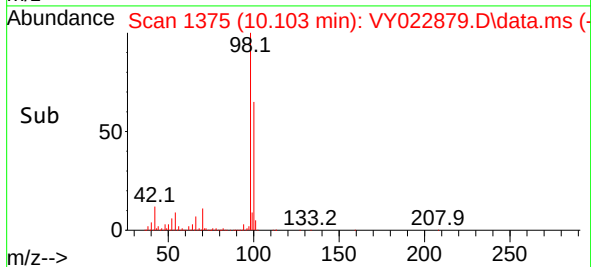
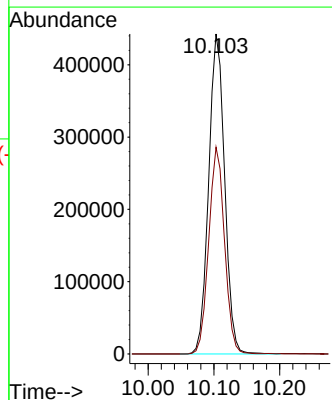
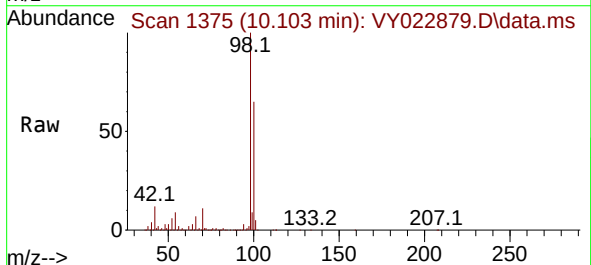
Instrument :
MSVOA_Y
ClientSampleId :
TP-84

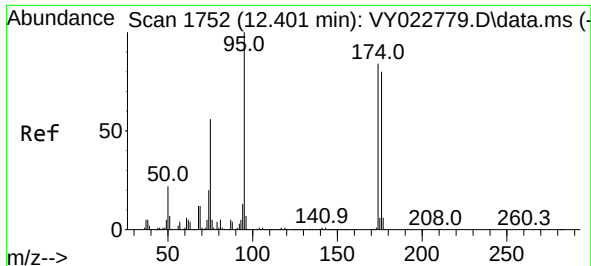
Tgt Ion:113 Resp: 185558
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 18.9 14.2 21.2



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 98 Resp: 747799
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

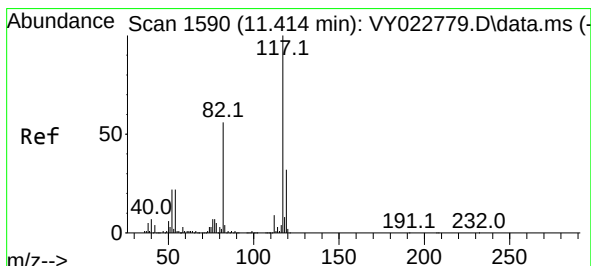
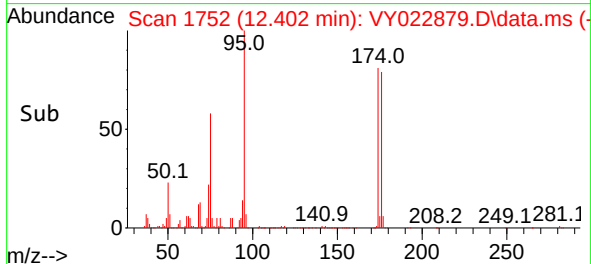
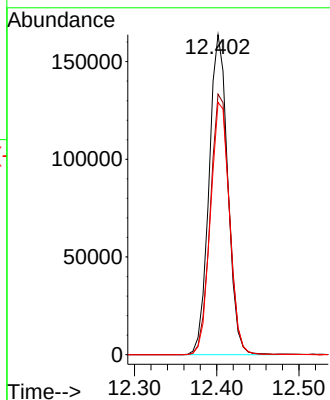
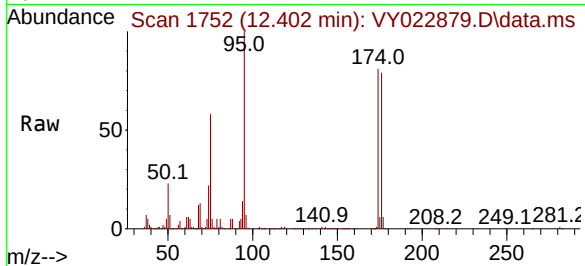




#62
4-Bromofluorobenzene
Concen: 54.568 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

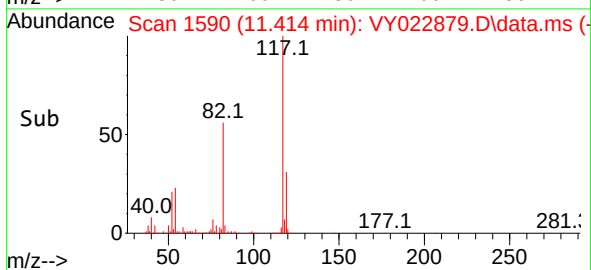
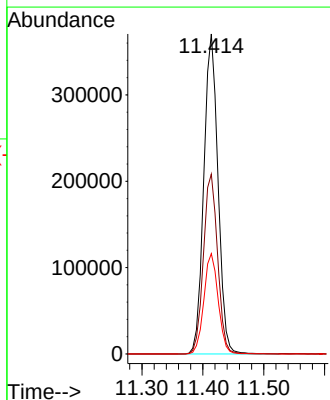
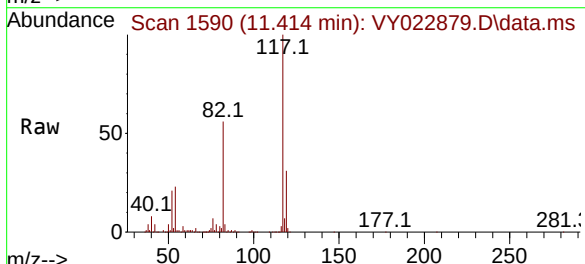
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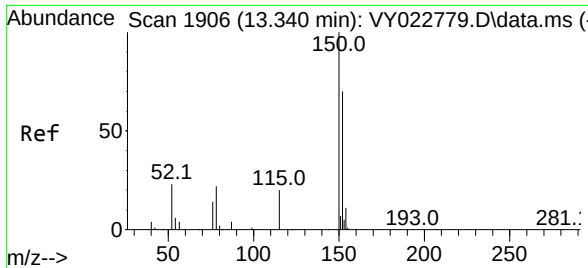
Tgt Ion: 95 Resp: 259107
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 80.3 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022879.D
Acq: 30 Jun 2025 14:52

Tgt Ion: 117 Resp: 599073
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 31.3 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: VY022879.D
 Acq: 30 Jun 2025 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-84

Tgt Ion:	152	Resp:	250413
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.9	86.7
150	159.5	0.0	349.6

