

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022800.D
 Acq On : 24 Jun 2025 16:16
 Operator : SY/MD
 Sample : Q2393-12
 Misc : 6.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARK AVE -6

Quant Time: Jun 25 01:28:05 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)

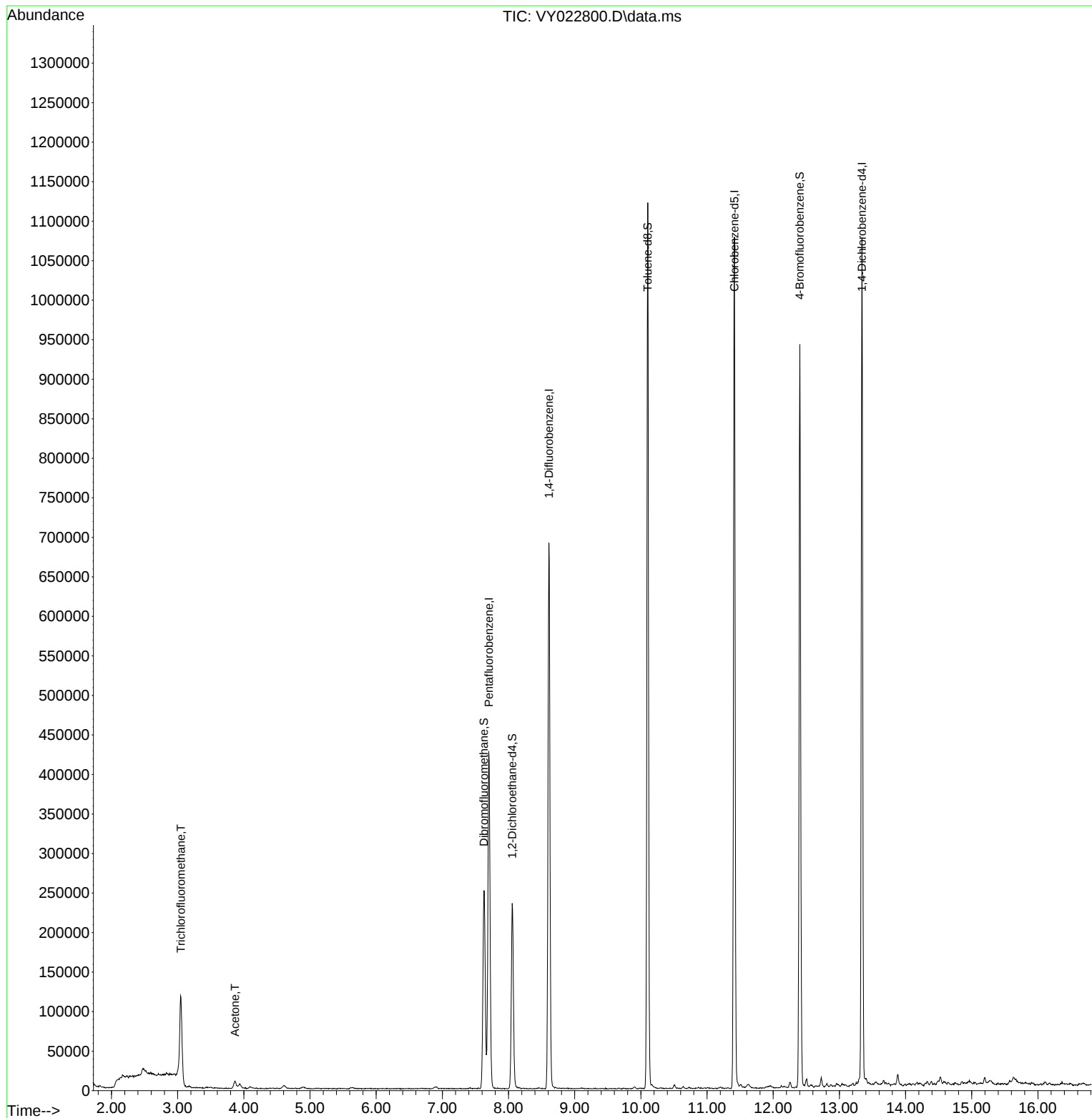
Internal Standards						
1) Pentafluorobenzene	7.701	168	326857	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	591695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	562315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	253297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	182513	50.030	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.060%	
35) Dibromofluoromethane	7.628	113	180799	50.244	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.103	98	704656	49.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.401	95	248893	54.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.440%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.049	101	110190	14.925	ug/l	94
16) Acetone	3.866	43	16416	23.808	ug/l	91

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

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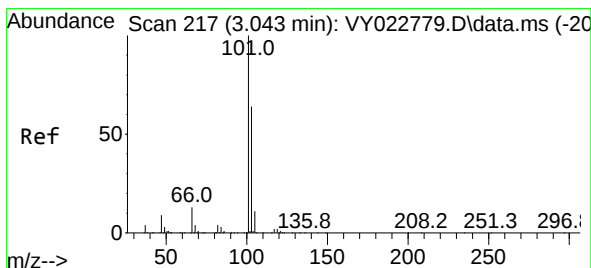
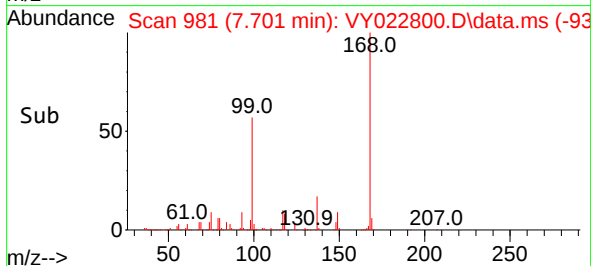
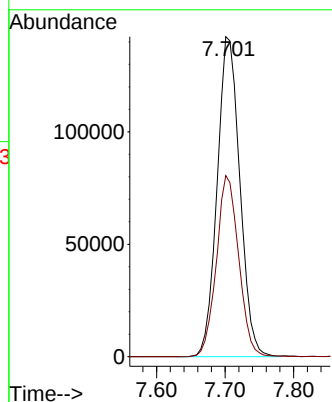
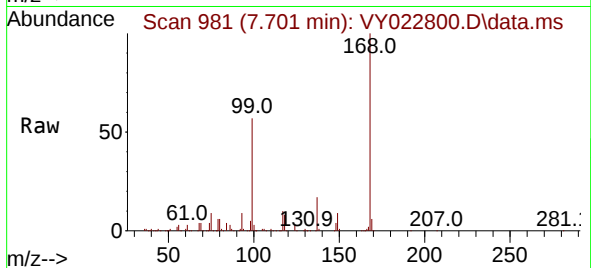




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

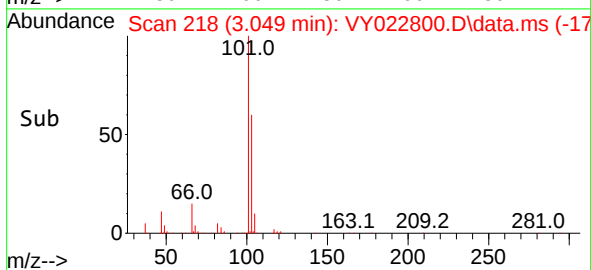
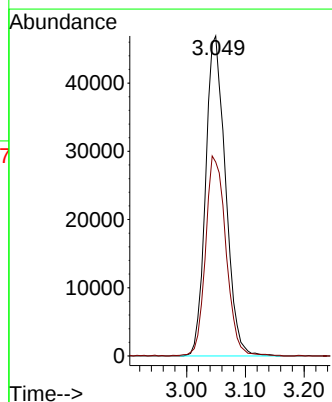
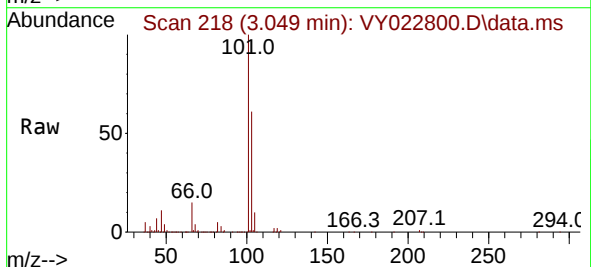
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

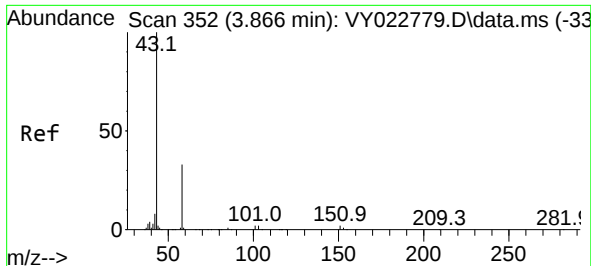
Tgt Ion:168 Resp: 326857
Ion Ratio Lower Upper
168 100
99 56.6 44.3 66.5



#7
Trichlorofluoromethane
Concen: 14.925 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion:101 Resp: 110190
Ion Ratio Lower Upper
101 100
103 60.4 52.2 78.2

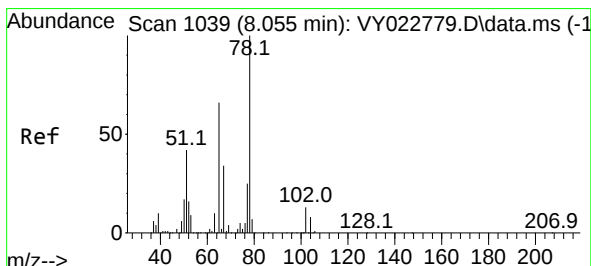
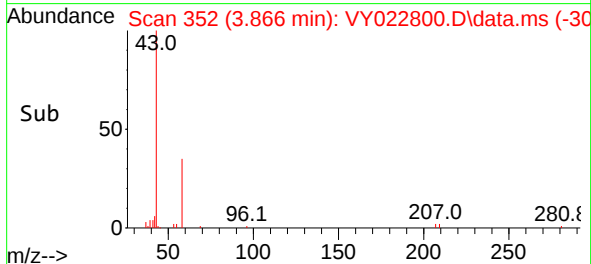
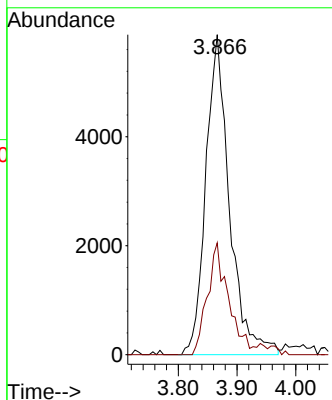
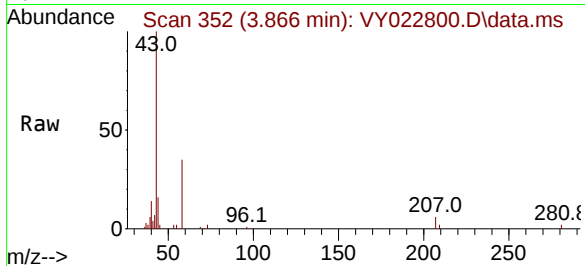




#16
Acetone
Concen: 23.808 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

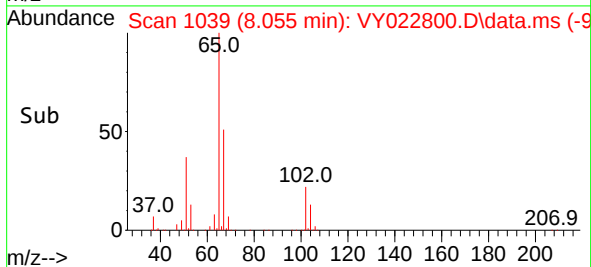
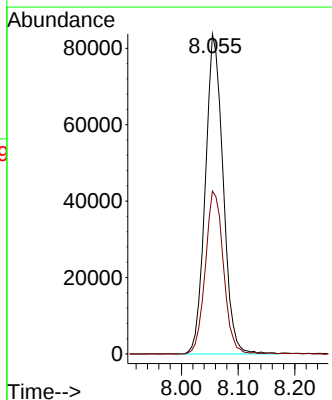
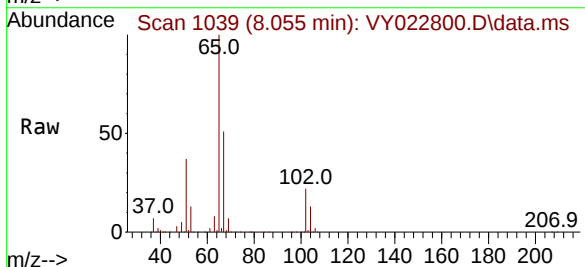
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

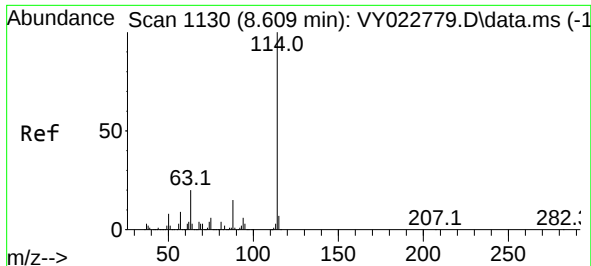
Tgt Ion: 43 Resp: 16416
Ion Ratio Lower Upper
43 100
58 35.0 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 50.030 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion: 65 Resp: 182513
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

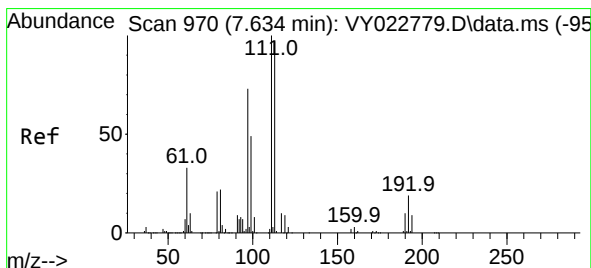
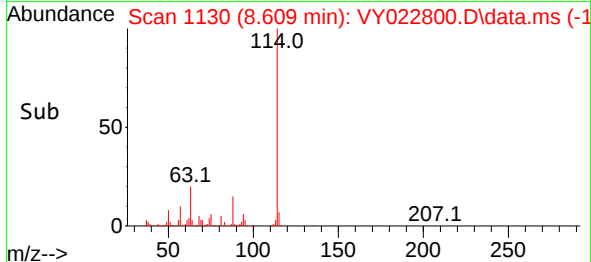
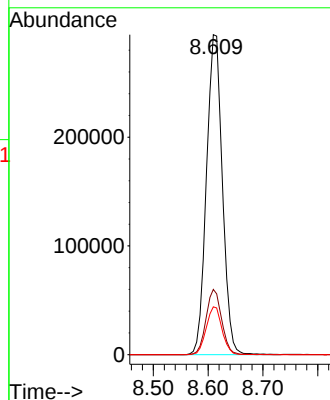
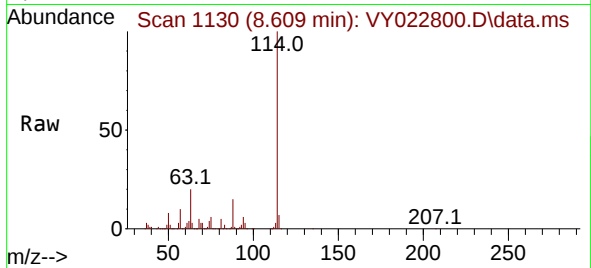




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

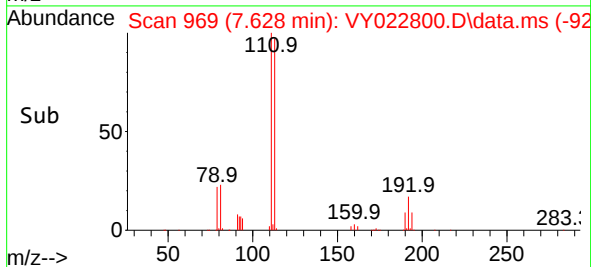
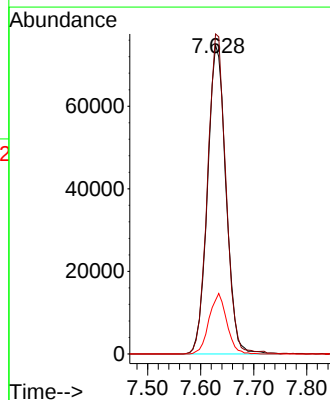
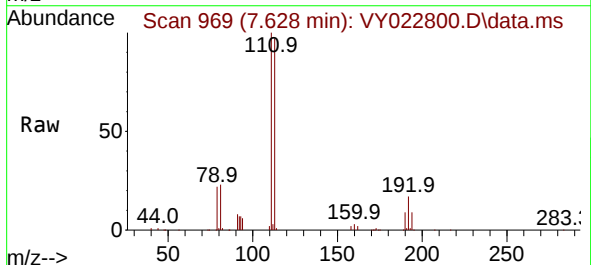
Instrument :
MSVOA_Y
ClientSampleId :
PARK AVE -6

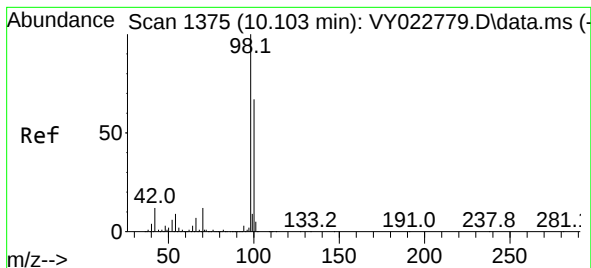
Tgt Ion:114 Resp: 591695
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 14.9 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.244 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022800.D
Acq: 24 Jun 2025 16:16

Tgt Ion:113 Resp: 180799
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 18.8 14.2 21.2





#50

Toluene-d8

Concen: 49.349 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022800.D

Acq: 24 Jun 2025 16:16

Instrument :

MSVOA_Y

ClientSampleId :

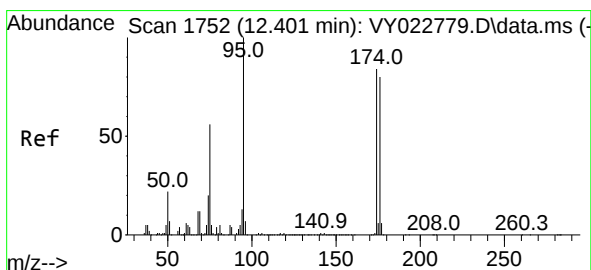
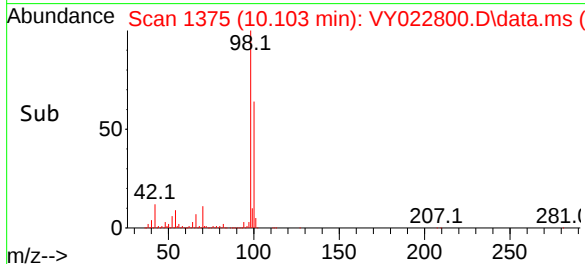
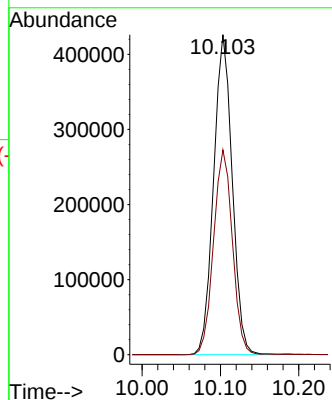
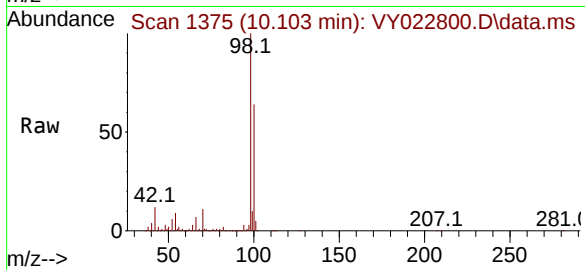
PARK AVE -6

Tgt Ion: 98 Resp: 704656

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 54.222 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022800.D

Acq: 24 Jun 2025 16:16

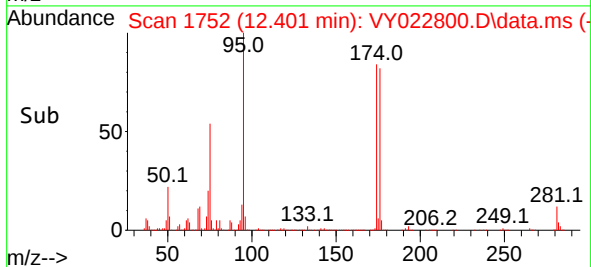
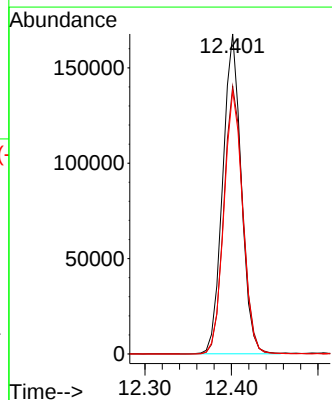
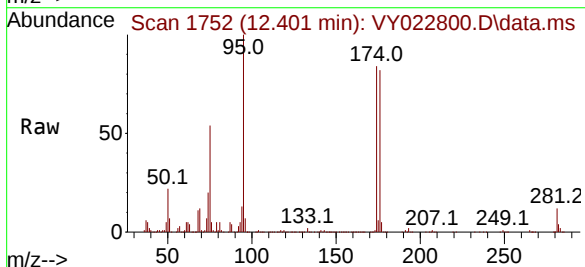
Tgt Ion: 95 Resp: 248893

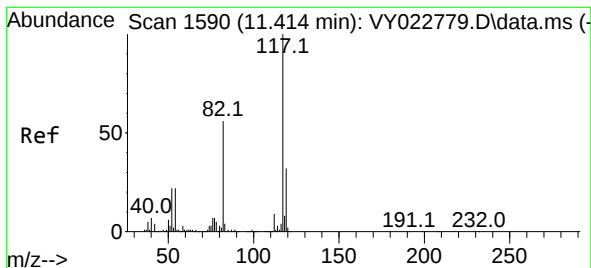
Ion Ratio Lower Upper

95 100

174 85.9 0.0 170.0

176 83.3 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: VY022800.D

Acq: 24 Jun 2025 16:16

Instrument :

MSVOA_Y

ClientSampleId :

PARK AVE -6

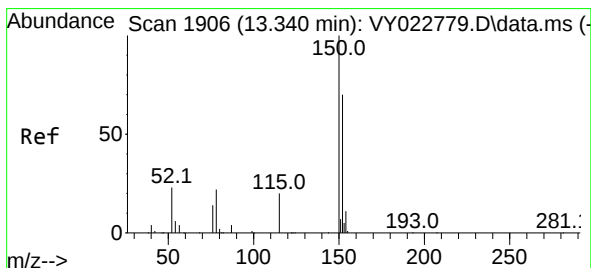
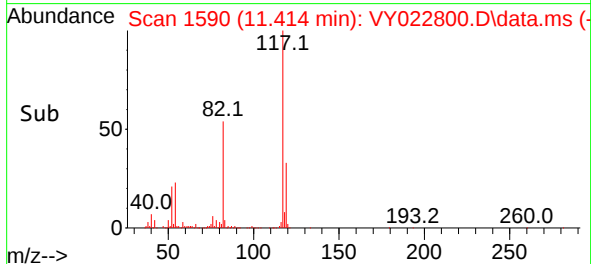
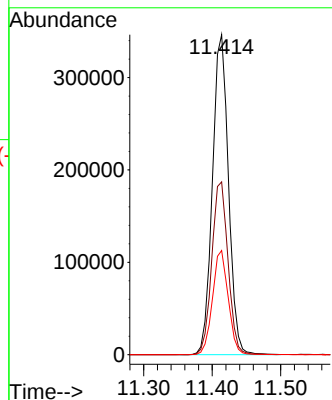
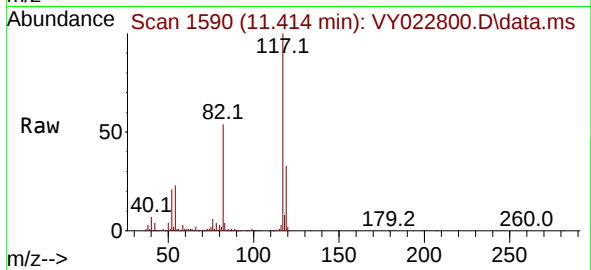
Tgt Ion:117 Resp: 562315

Ion Ratio Lower Upper

117 100

82 54.0 44.6 66.8

119 32.5 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: VY022800.D

Acq: 24 Jun 2025 16:16

Tgt Ion:152 Resp: 253297

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.7

150 157.5 0.0 349.6

