

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022808.D
 Acq On : 24 Jun 2025 19:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 25 01:31:28 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)

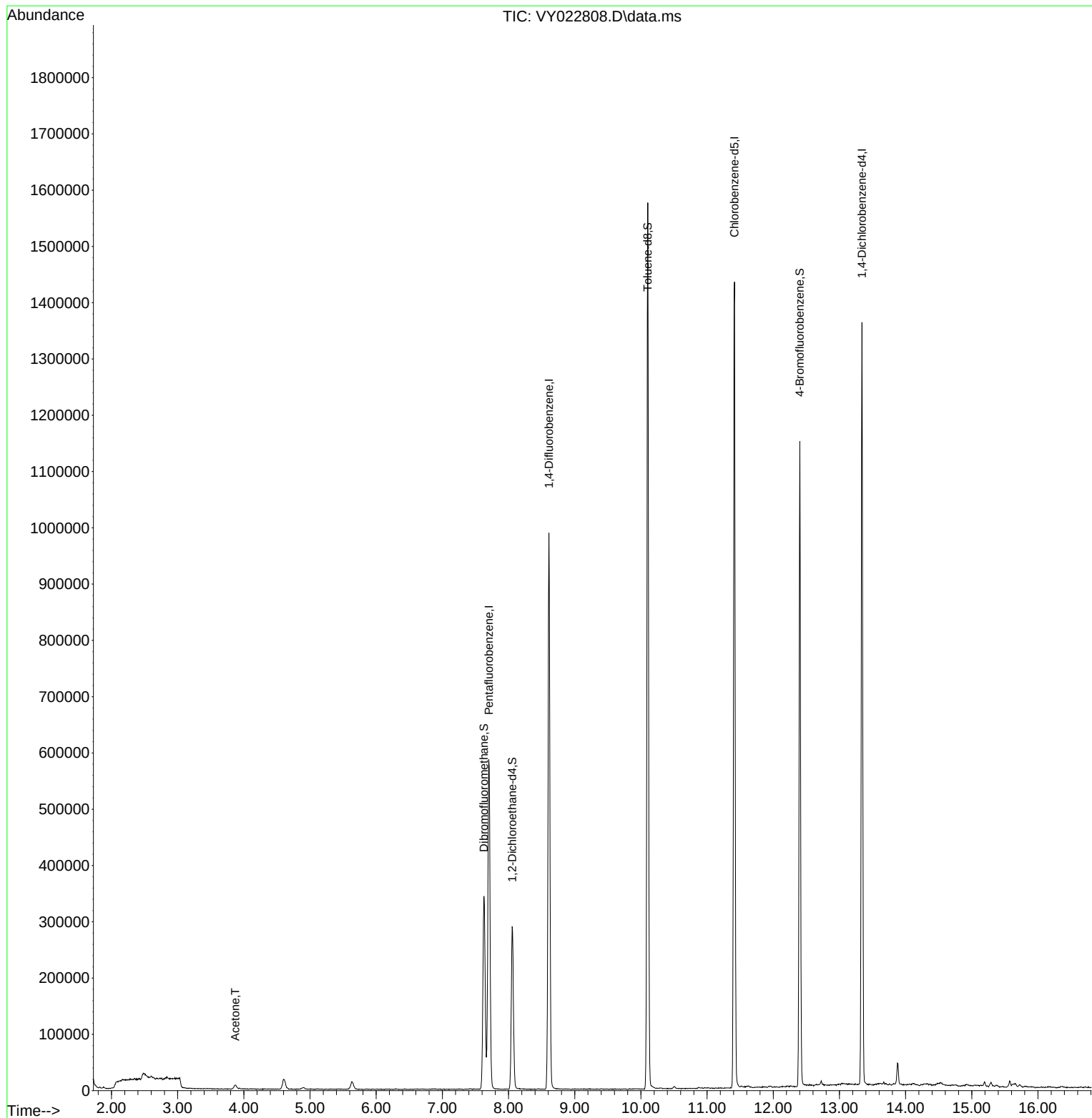
Internal Standards						
1) Pentafluorobenzene	7.701	168	451392	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	818670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	740202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	324221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	229065	45.468	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.628	113	241563	48.519	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.103	98	975229	49.363	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.402	95	317342	49.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.940%
Target Compounds						
16) Acetone	3.873	43	14046	14.751	ug/l	Qvalue 95

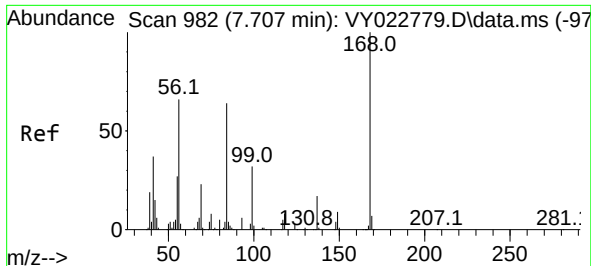
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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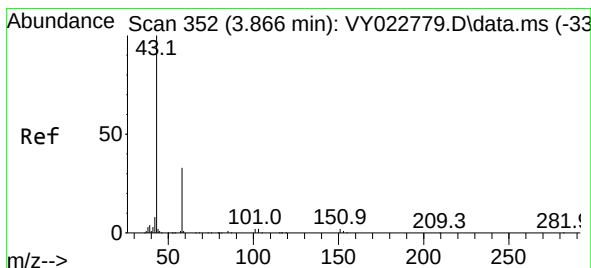
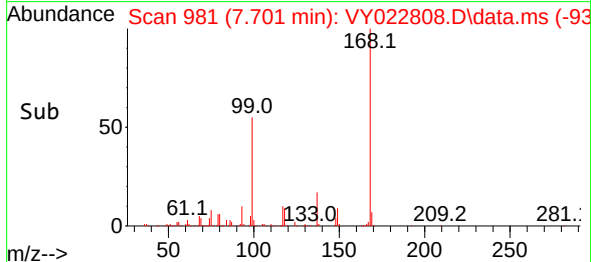
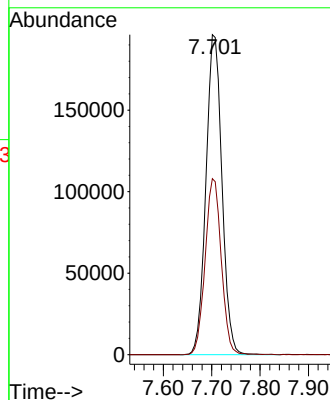
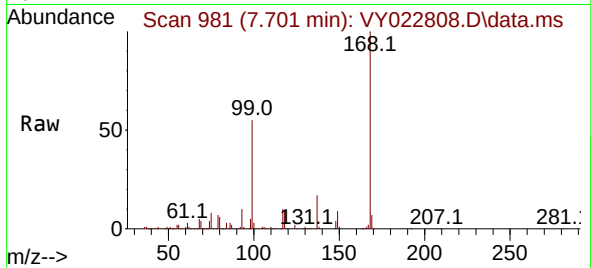




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022808.D
Acq: 24 Jun 2025 19:23

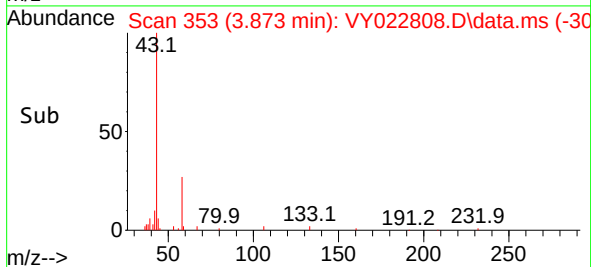
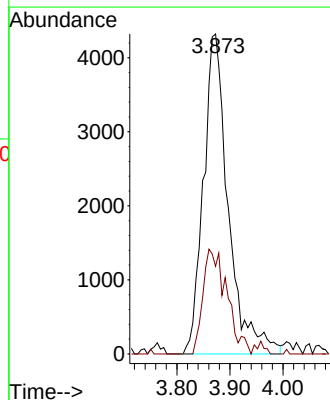
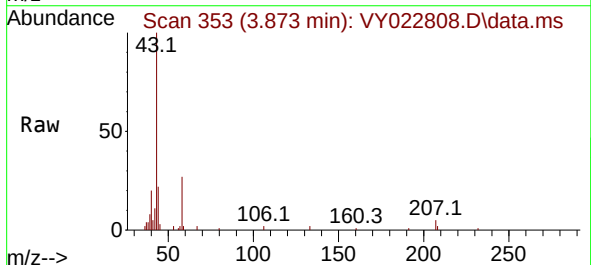
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

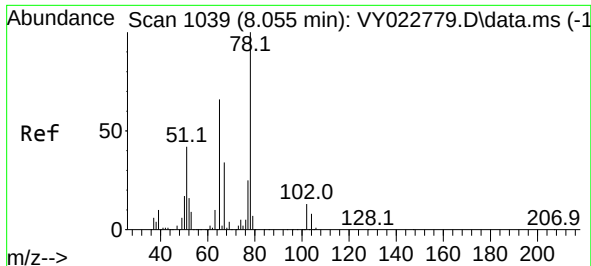
Tgt Ion:168 Resp: 451392
Ion Ratio Lower Upper
168 100
99 55.0 44.3 66.5



#16
Acetone
Concen: 14.751 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022808.D
Acq: 24 Jun 2025 19:23

Tgt Ion: 43 Resp: 14046
Ion Ratio Lower Upper
43 100
58 27.4 24.0 36.0

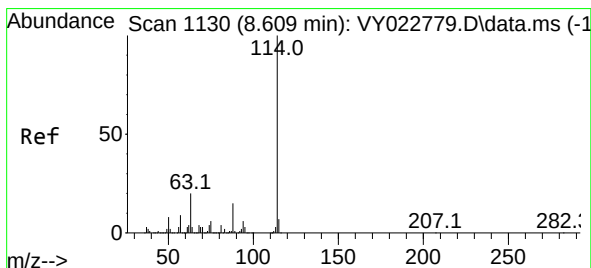
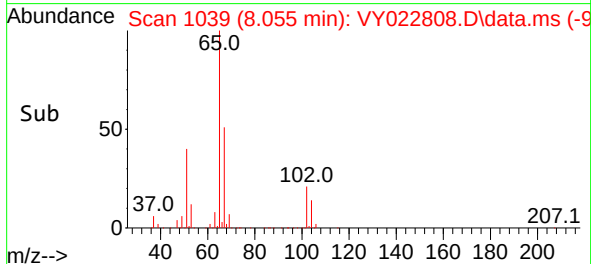
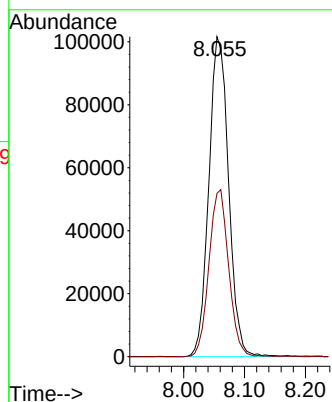
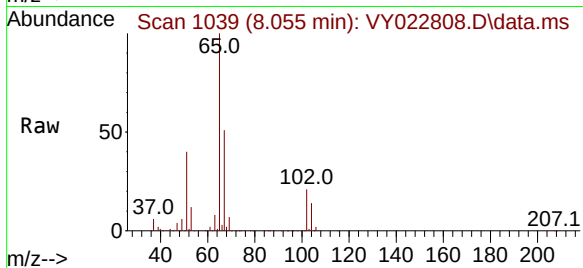




#33
 1,2-Dichloroethane-d4
 Concen: 45.468 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. -0.012 min
 Lab File: VY022808.D
 Acq: 24 Jun 2025 19:23

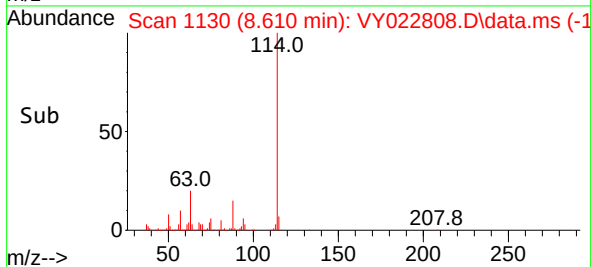
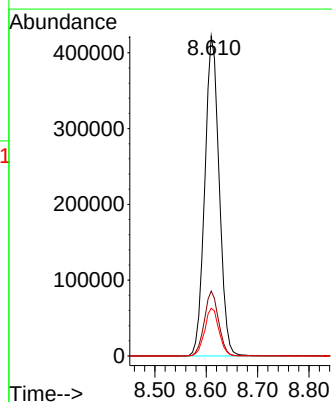
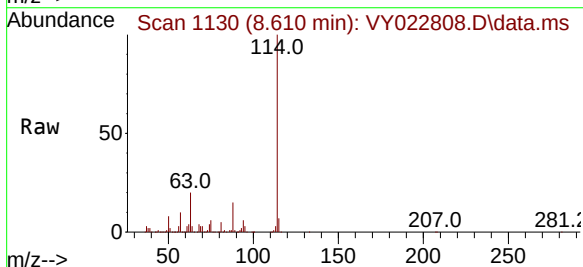
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

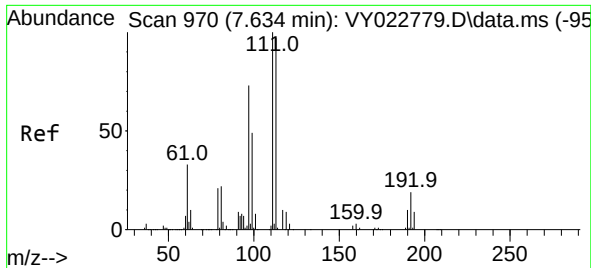
Tgt Ion: 65 Resp: 229065
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY022808.D
 Acq: 24 Jun 2025 19:23

Tgt Ion: 114 Resp: 818670
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 14.9 0.0 27.8

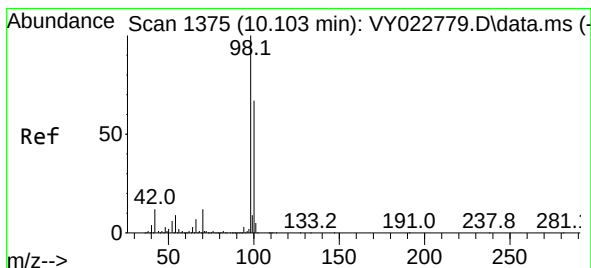
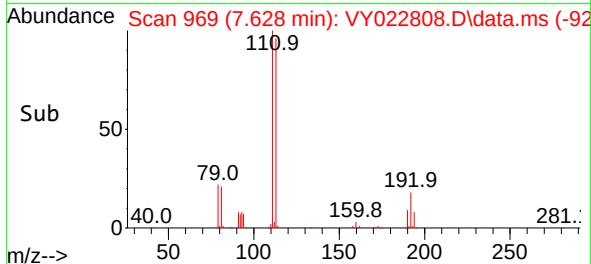
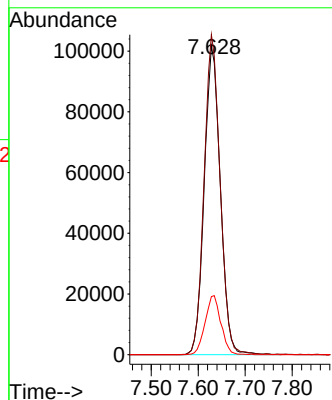
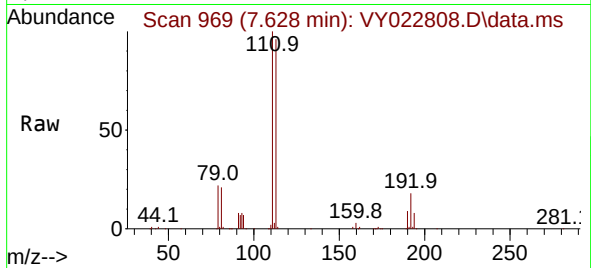




#35
Dibromofluoromethane
Concen: 48.519 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022808.D
Acq: 24 Jun 2025 19:23

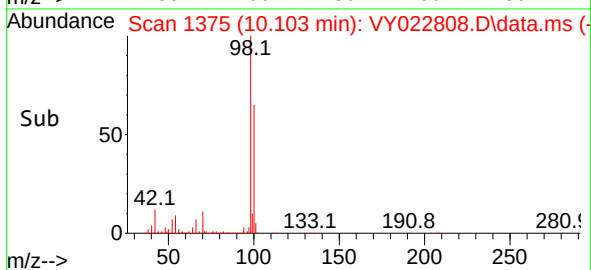
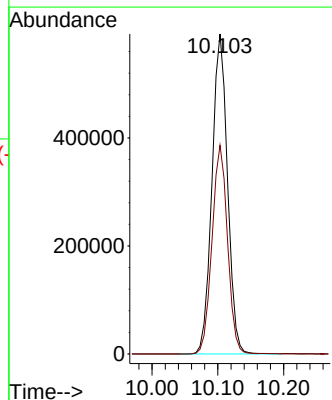
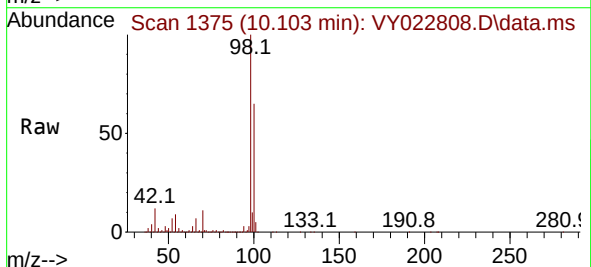
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

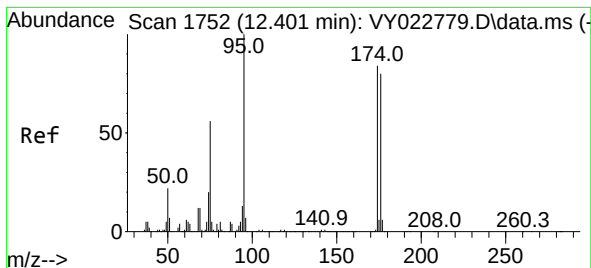
Tgt Ion:113 Resp: 241563
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 18.8 14.2 21.2



#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022808.D
Acq: 24 Jun 2025 19:23

Tgt Ion: 98 Resp: 975229
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

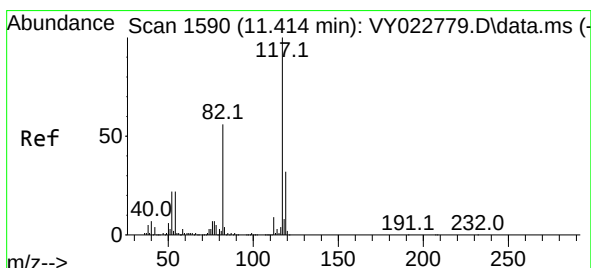
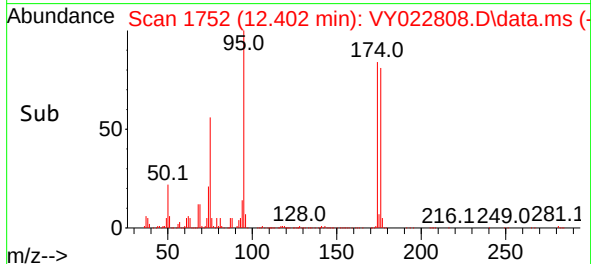
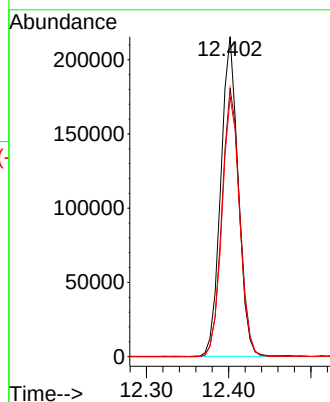
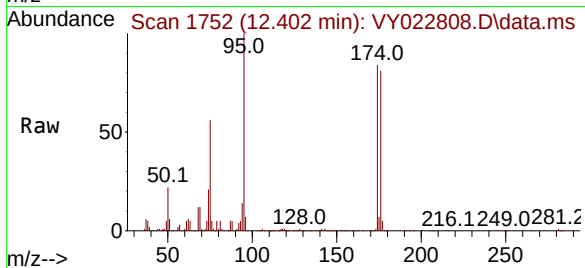




#62
4-Bromofluorobenzene
Concen: 49.967 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022808.D
Acq: 24 Jun 2025 19:23

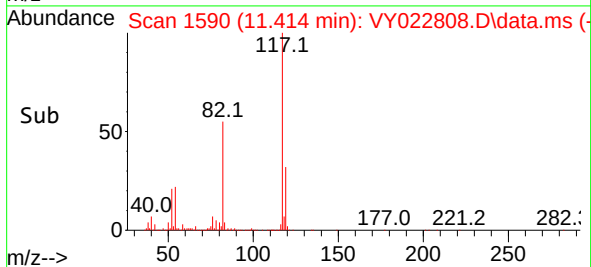
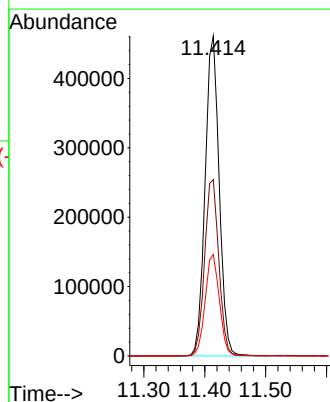
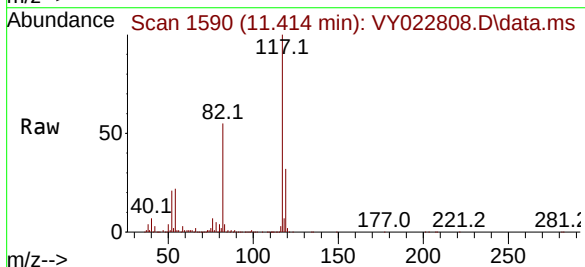
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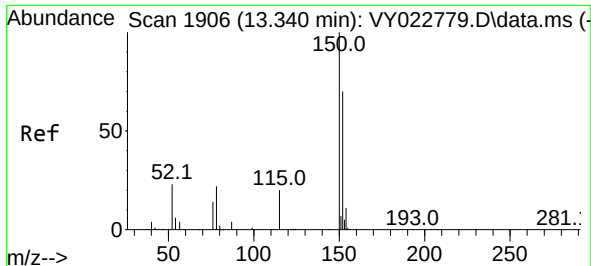
Tgt Ion: 95 Resp: 317342
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.0
176 82.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022808.D
Acq: 24 Jun 2025 19:23

Tgt Ion: 117 Resp: 740202
Ion Ratio Lower Upper
117 100
82 55.1 44.6 66.8
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY022808.D
 Acq: 24 Jun 2025 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 324221

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.9	86.7
150	157.2	0.0	349.6

