

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046984.D
 Acq On : 14 Jul 2025 18:56
 Operator : JC/MD
 Sample : Q2553-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Jul 14 20:01:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

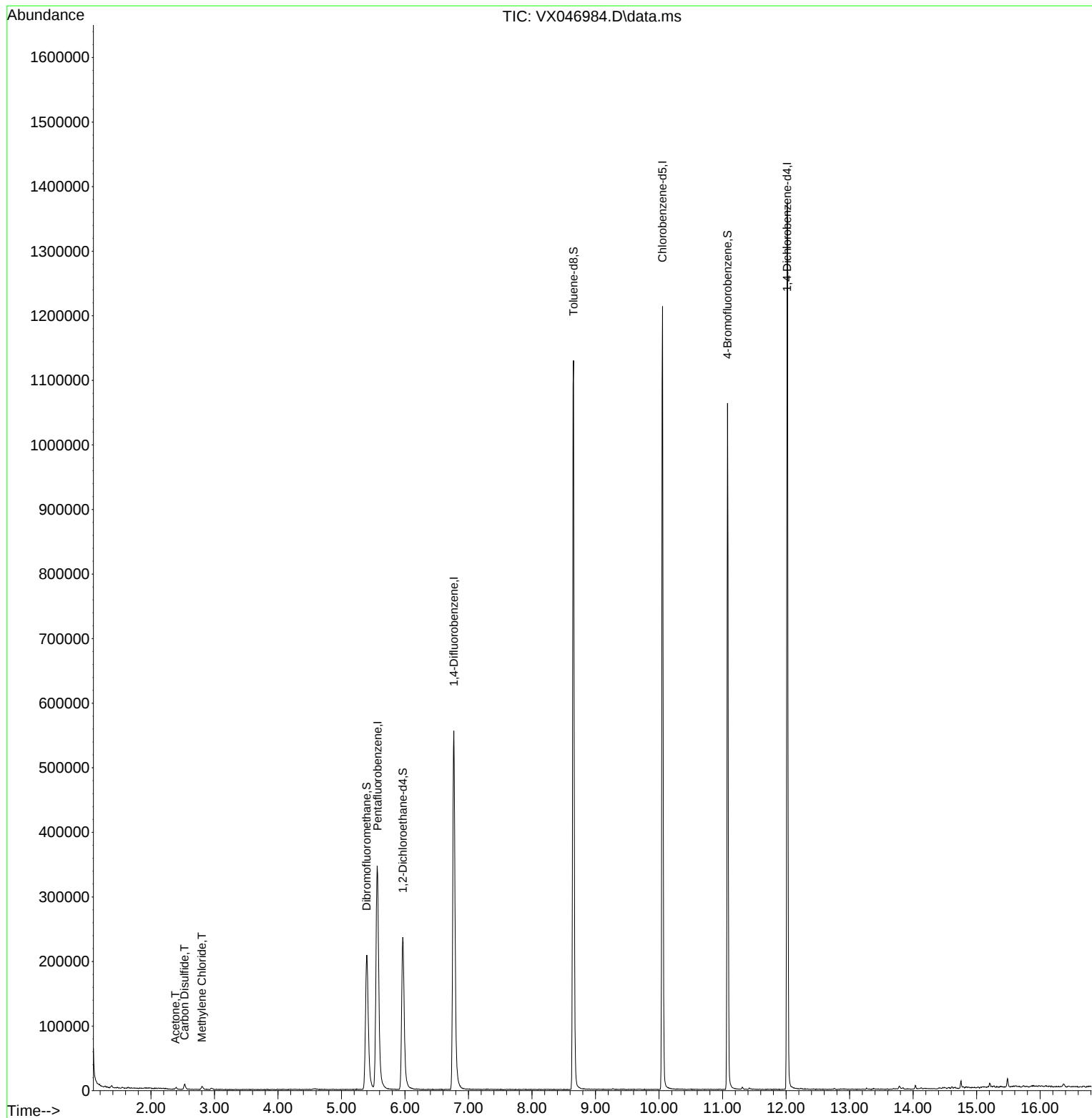
Internal Standards						
1) Pentafluorobenzene	5.568	168	356948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	602998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	248196	52.633	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.260%
35) Dibromofluoromethane	5.397	113	199290	48.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.653	98	691698	47.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.079	95	284303	51.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.600%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	3233	2.207	ug/l #	68
17) Carbon Disulfide	2.526	76	9009	0.888	ug/l	96
20) Methylene Chloride	2.800	84	2370	0.547	ug/l	87

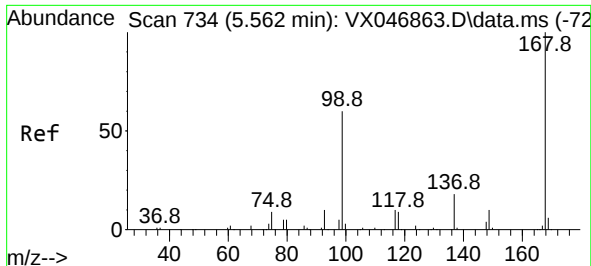
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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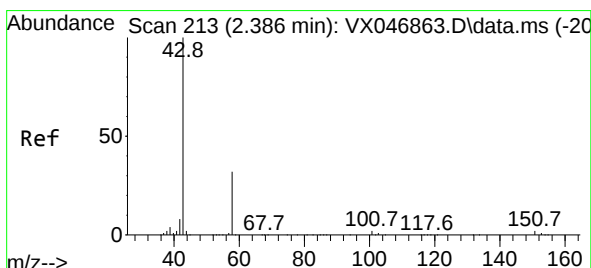
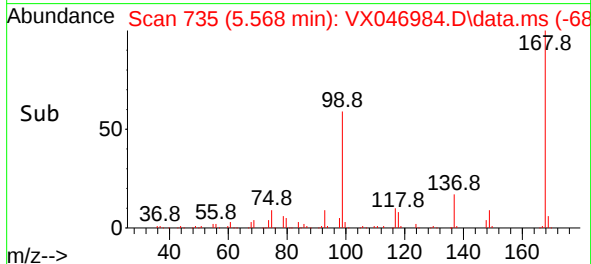
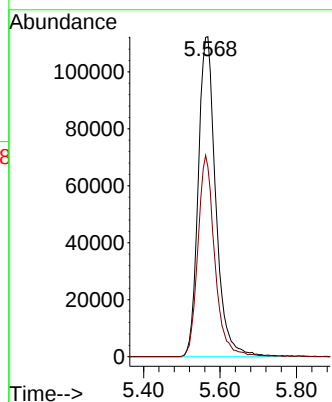
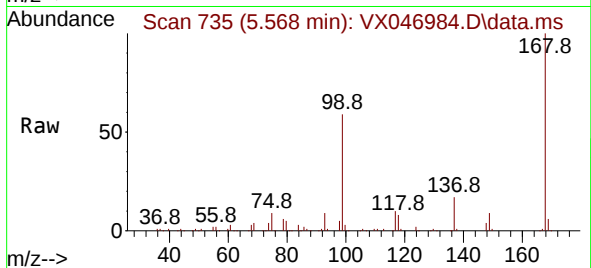




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

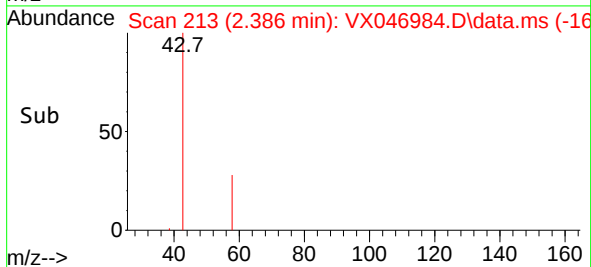
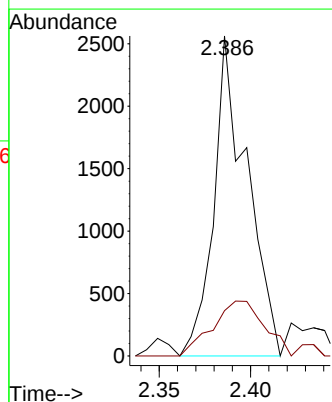
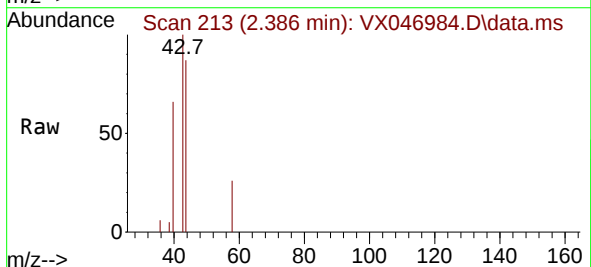
Instrument :
MSVOA_X
ClientSampleId :
FB

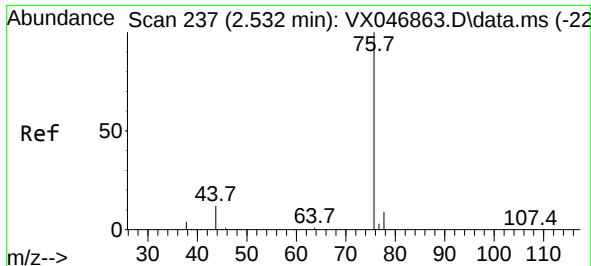
Tgt Ion:168 Resp: 356948
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#16
Acetone
Concen: 2.207 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
58 14.1 25.8 38.6#

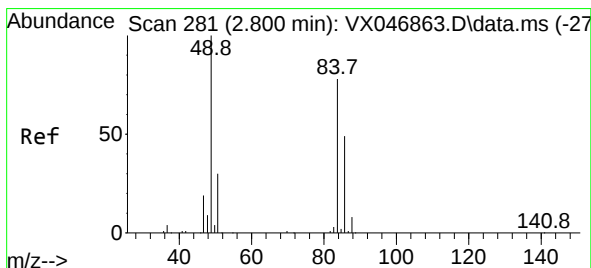
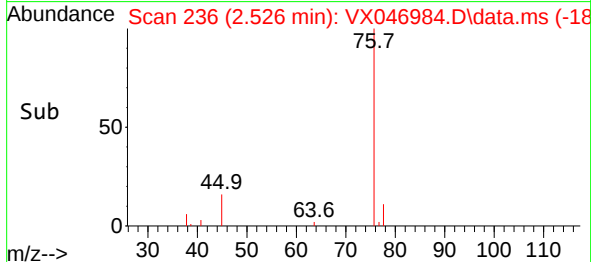
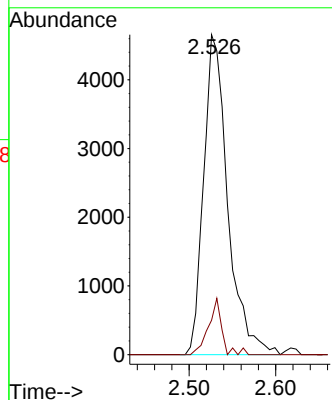
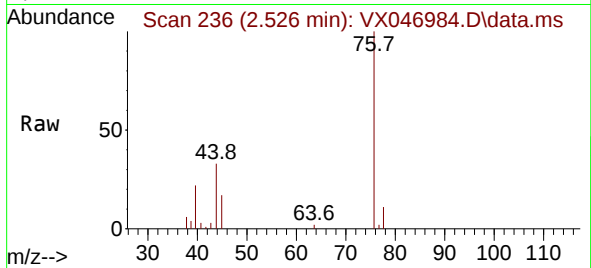




#17
Carbon Disulfide
Concen: 0.888 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

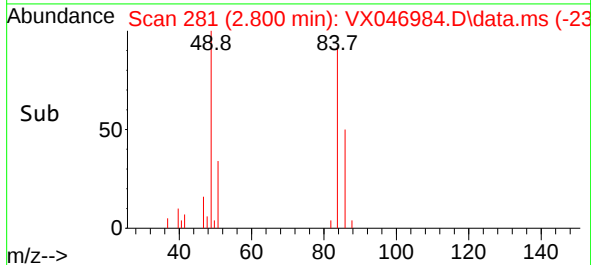
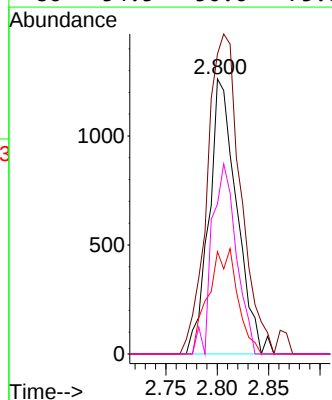
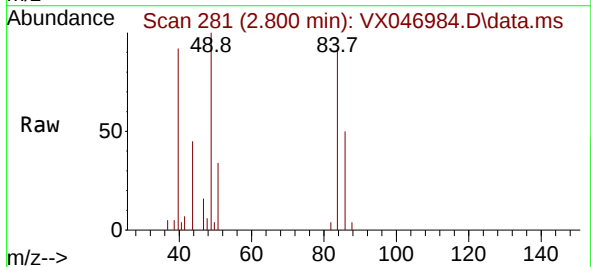
Instrument :
MSVOA_X
ClientSampleId :
FB

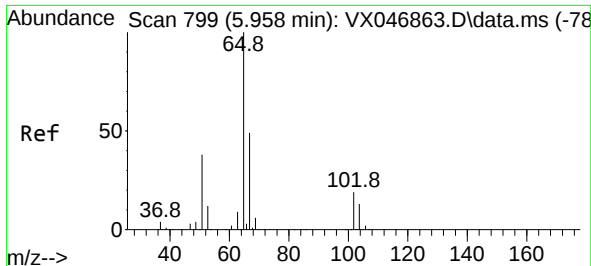
Tgt Ion: 76 Resp: 9009
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2



#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 84 Resp: 2370
Ion Ratio Lower Upper
84 100
49 109.0 102.8 154.2
51 37.2 31.1 46.7
86 54.5 50.6 75.8

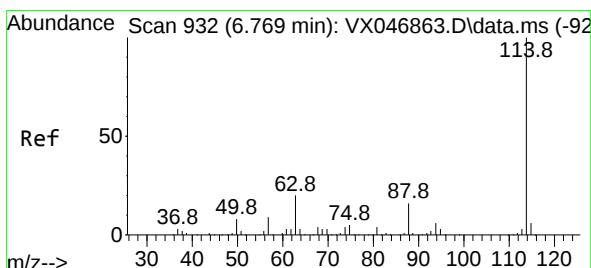
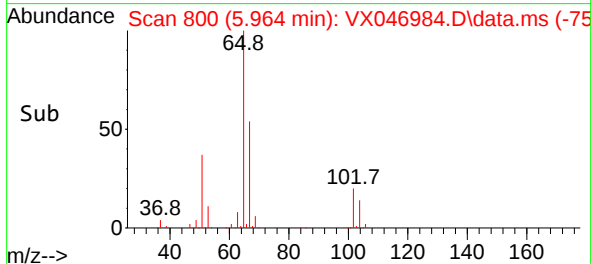
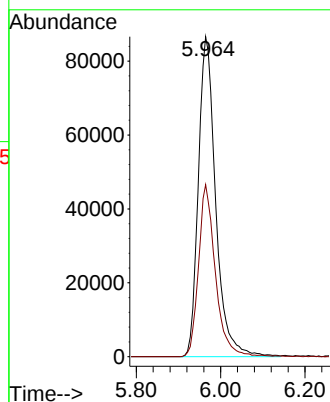
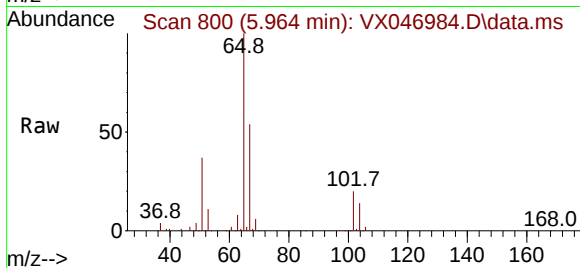




#33
1,2-Dichloroethane-d4
Concen: 52.633 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

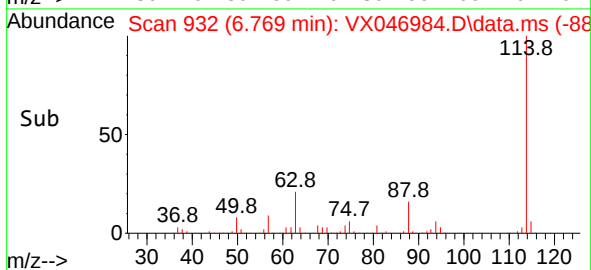
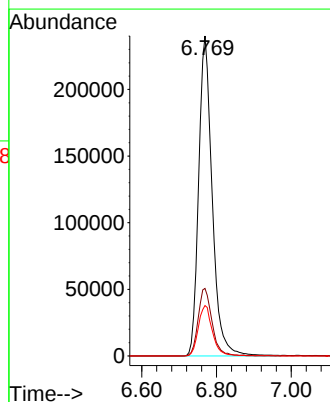
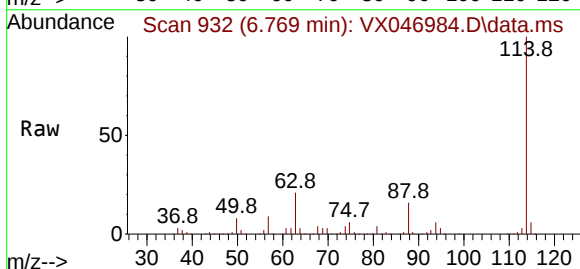
Instrument :
MSVOA_X
ClientSampleId :
FB

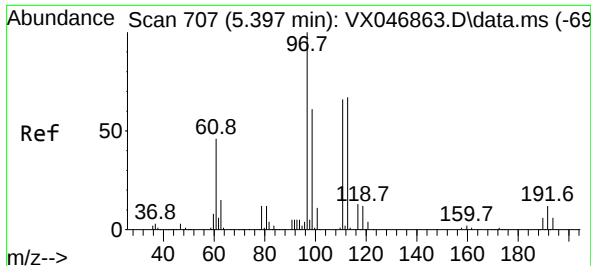
Tgt Ion: 65 Resp: 248196
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

Tgt Ion: 114 Resp: 602998
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 15.7 0.0 31.0

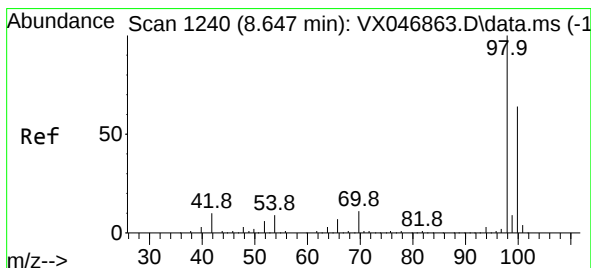
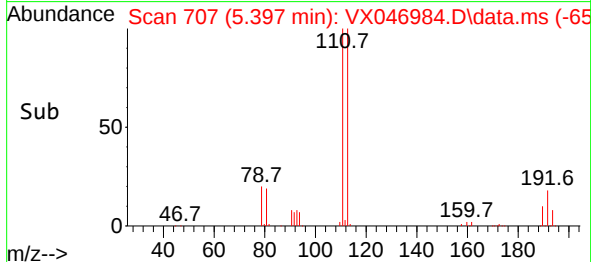
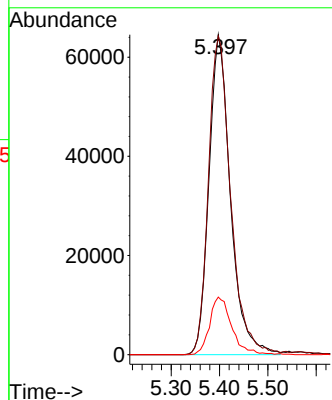
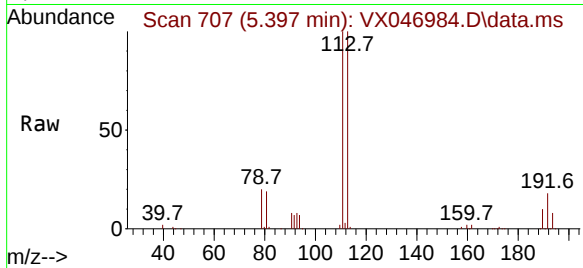




#35
 Dibromofluoromethane
 Concen: 48.688 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX046984.D
 Acq: 14 Jul 2025 18:56

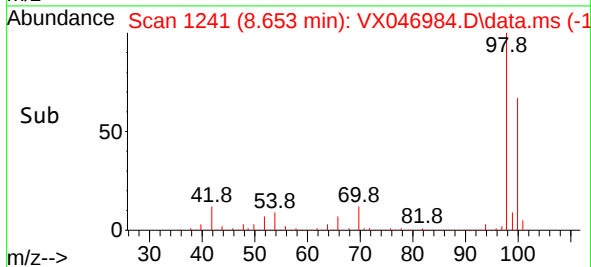
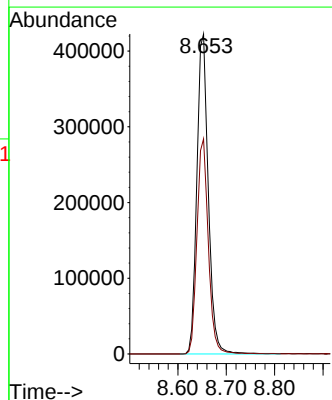
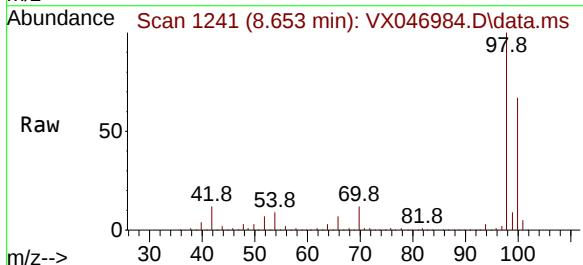
Instrument :
 MSVOA_X
 ClientSampleId :
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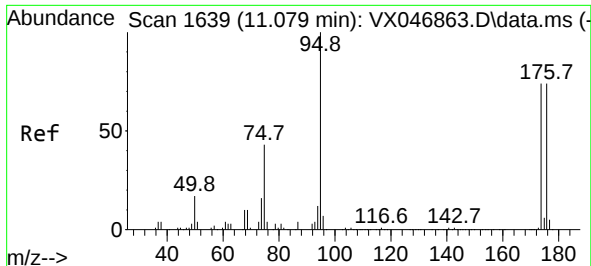
Tgt Ion:113 Resp: 199290
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.2 121.8
 192 18.6 15.3 22.9



#50
 Toluene-d8
 Concen: 47.896 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: VX046984.D
 Acq: 14 Jul 2025 18:56

Tgt Ion: 98 Resp: 691698
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.6

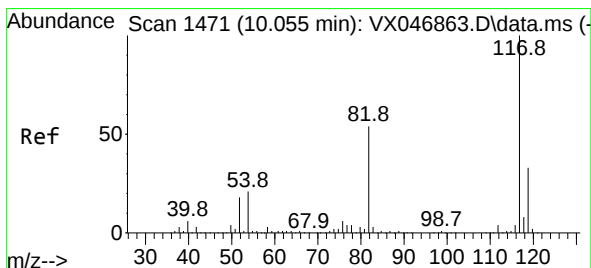
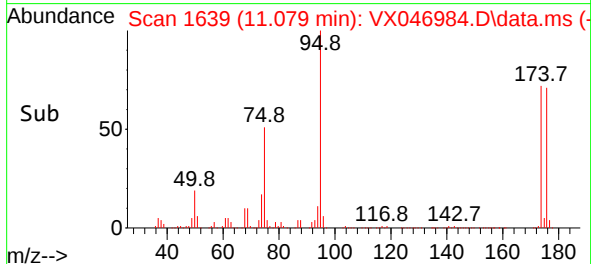
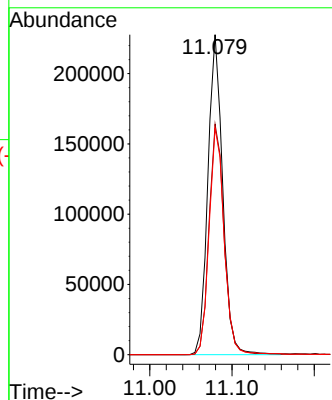
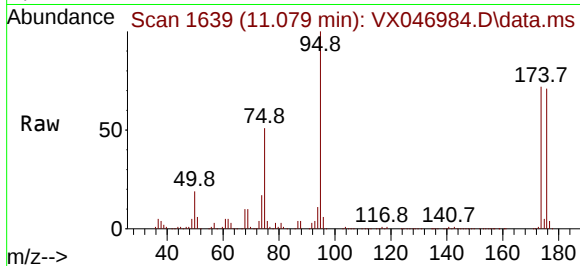




#62
4-Bromofluorobenzene
Concen: 51.799 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

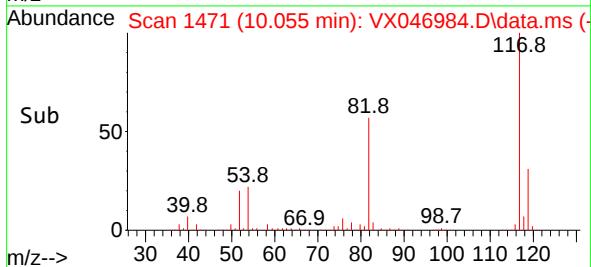
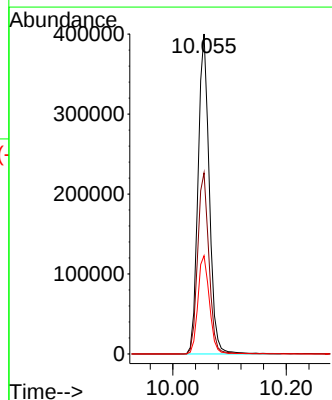
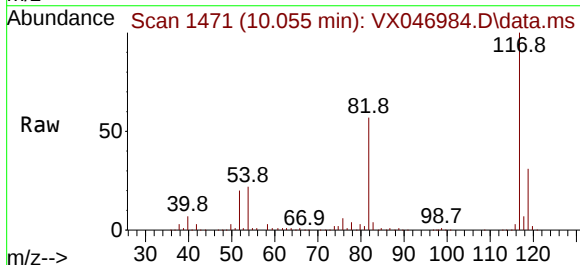
Instrument :
MSVOA_X
ClientSampleId :
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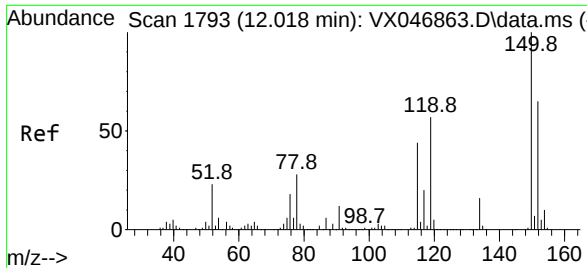
Tgt Ion: 95 Resp: 284303
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.0
176 72.4 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046984.D
Acq: 14 Jul 2025 18:56

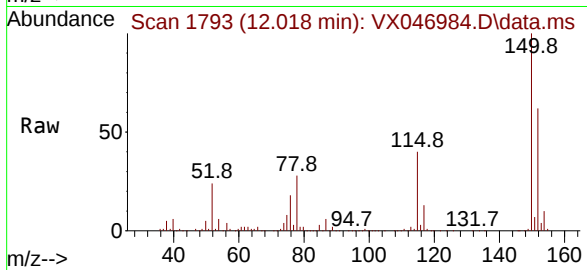
Tgt Ion: 117 Resp: 548783
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 30.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046984.D
 Acq: 14 Jul 2025 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FB



Tgt Ion:152 Resp: 281291
 Ion Ratio Lower Upper
 152 100
 115 61.8 42.4 127.1
 150 156.8 0.0 349.2

