

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046996.D
 Acq On : 15 Jul 2025 13:12
 Operator : JC/MD
 Sample : Q2578-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-11-GRE

Quant Time: Jul 16 02:25:14 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)

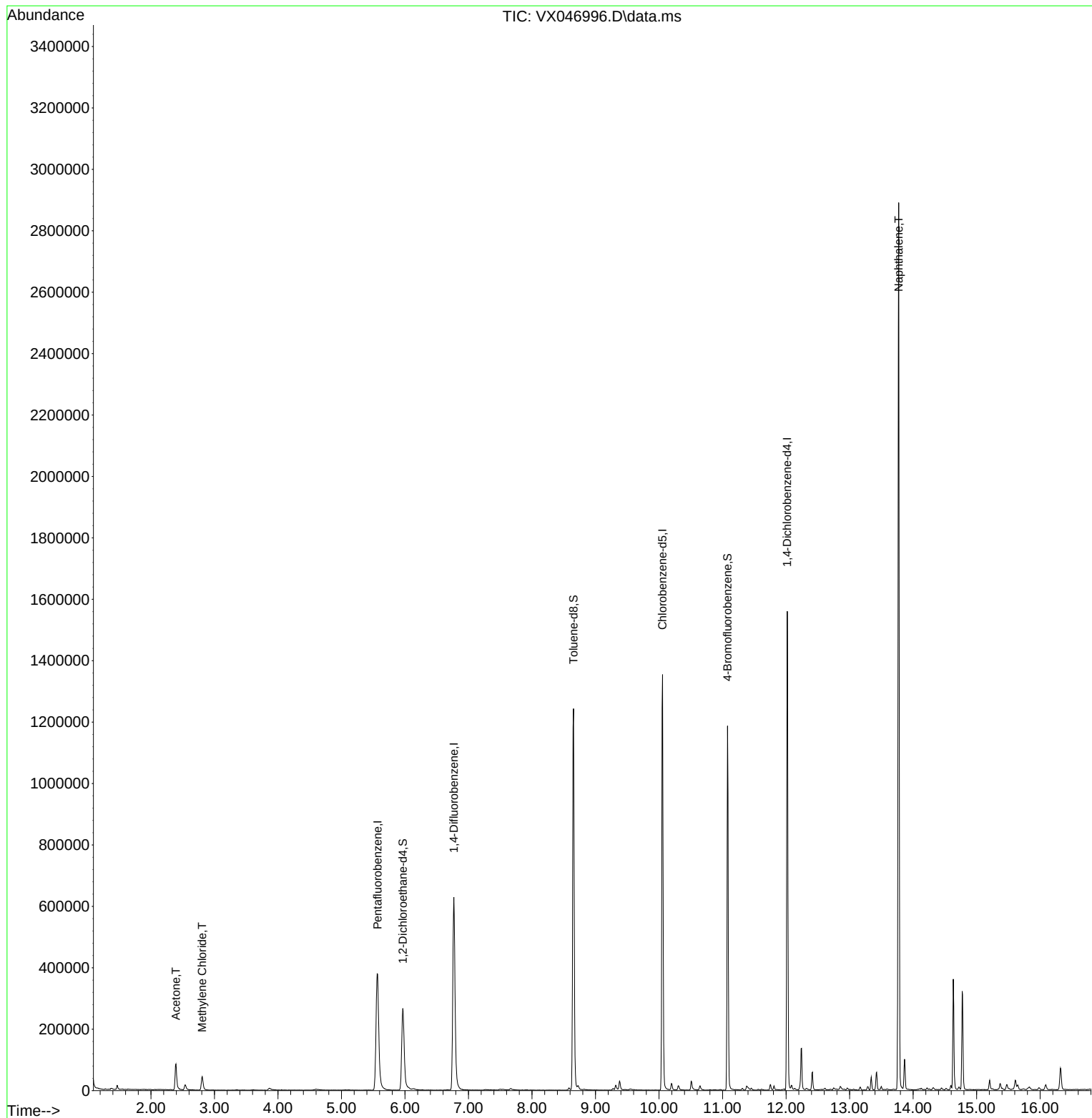
Internal Standards						
1) Pentafluorobenzene	5.568	168	387199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	667965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	604781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	313760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	278422	54.430	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.860%		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range 75 - 124	Recovery	= 0.000%#		
50) Toluene-d8	8.653	98	768754	48.055	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.100%		
62) 4-Bromofluorobenzene	11.079	95	317635	52.243	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.480%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	105375	66.319	ug/l	99
20) Methylene Chloride	2.806	84	21869	4.655	ug/l	90
95) Naphthalene	13.774	128	1696234	95.163	ug/l	100

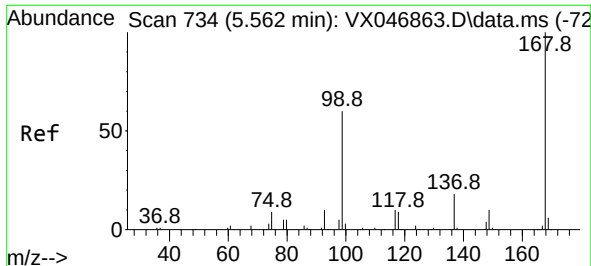
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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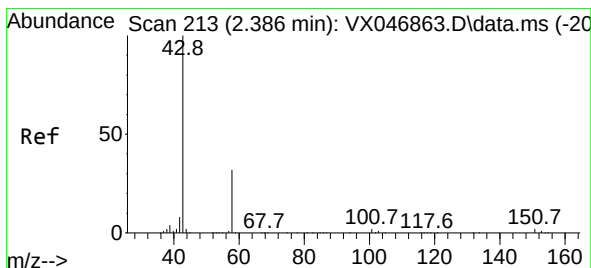
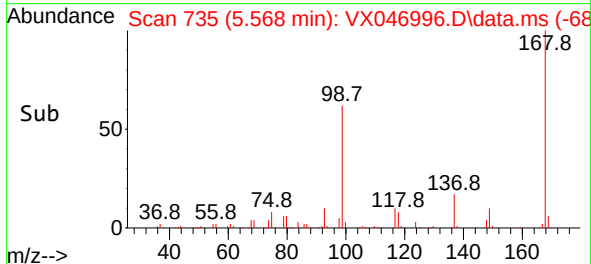
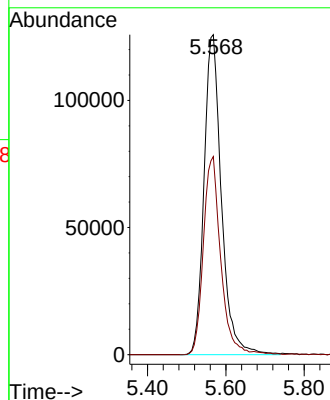
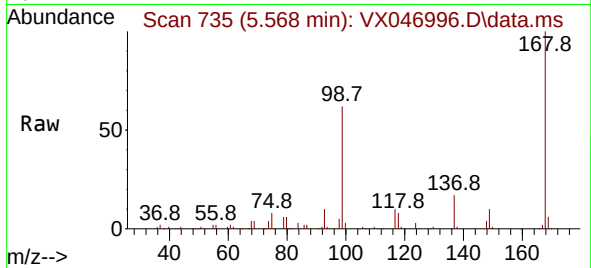




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

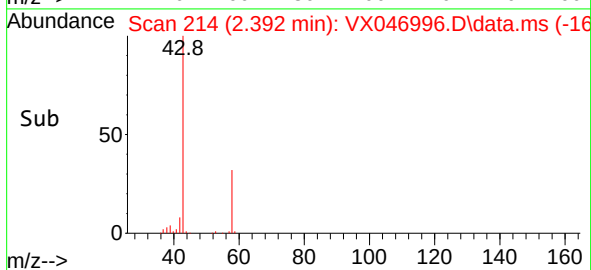
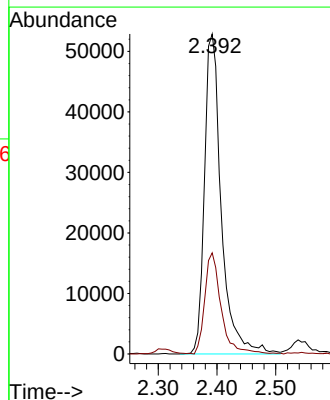
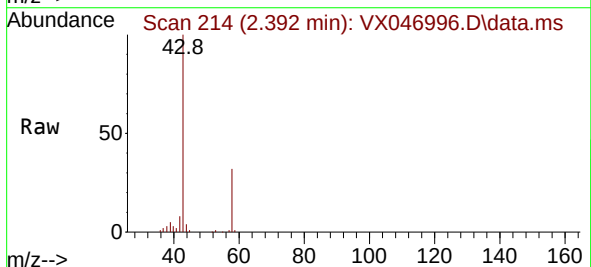
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-GRE

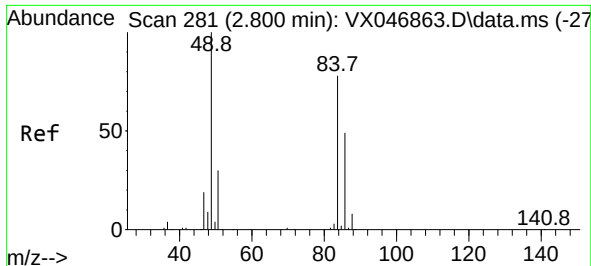
Tgt Ion:168 Resp: 387199
Ion Ratio Lower Upper
168 100
99 61.9 48.8 73.2



#16
Acetone
Concen: 66.319 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Tgt Ion: 43 Resp: 105375
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.6

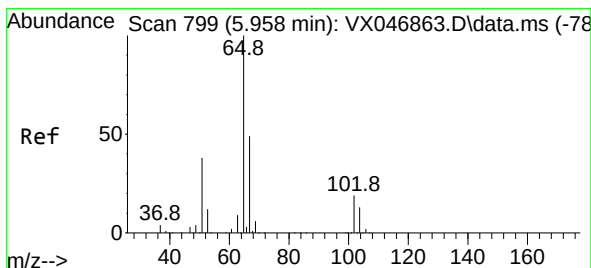
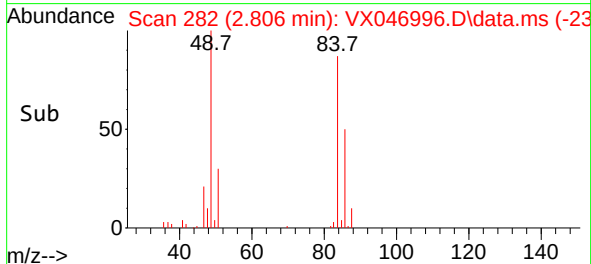
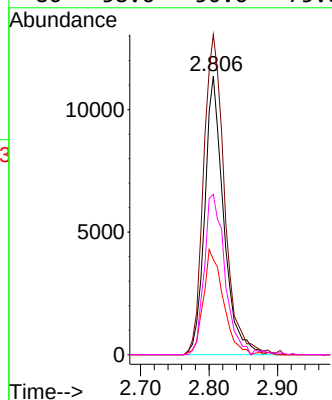
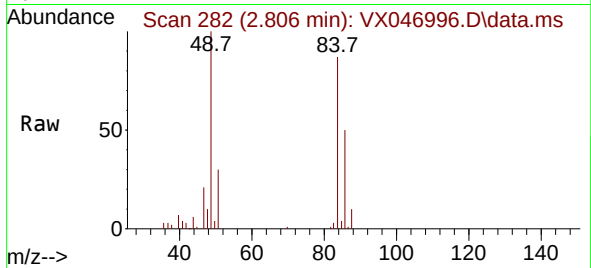




#20
Methylene Chloride
Concen: 4.655 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

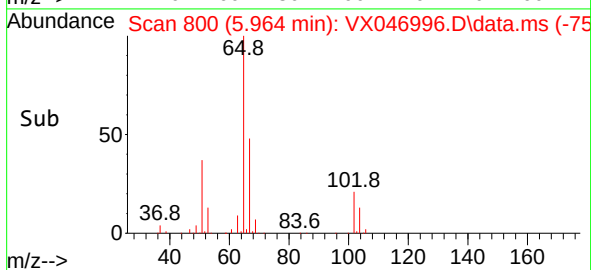
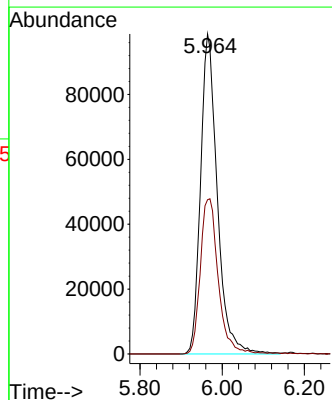
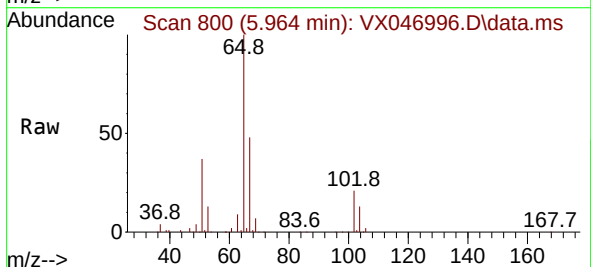
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-GRE

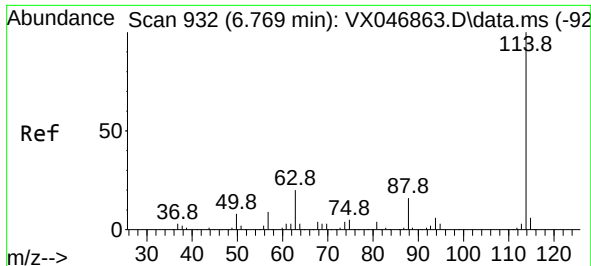
Tgt Ion: 84 Resp: 21869
Ion Ratio Lower Upper
84 100
49 114.9 102.8 154.2
51 34.2 31.1 46.7
86 58.6 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 54.430 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Tgt Ion: 65 Resp: 278422
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

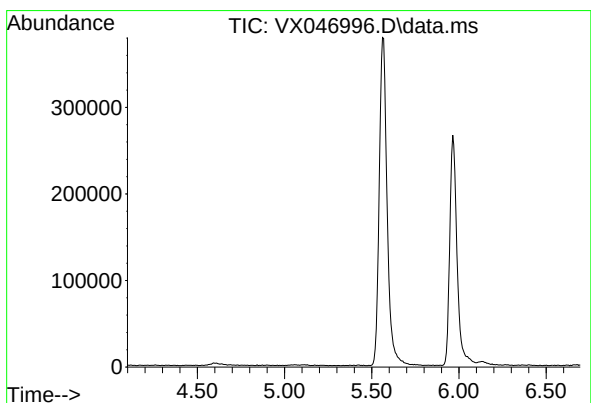
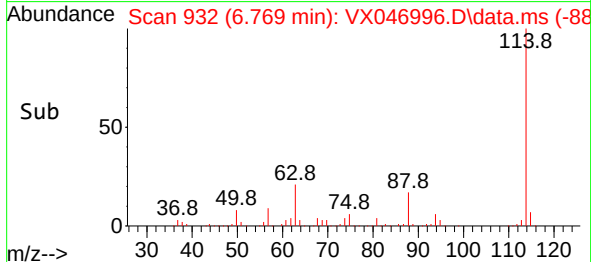
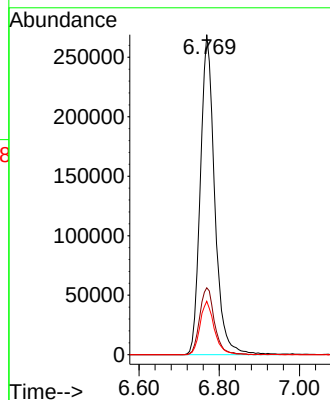
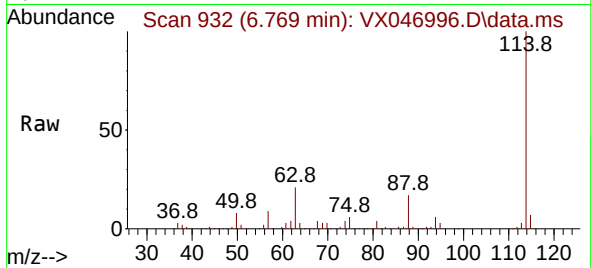




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-GRE

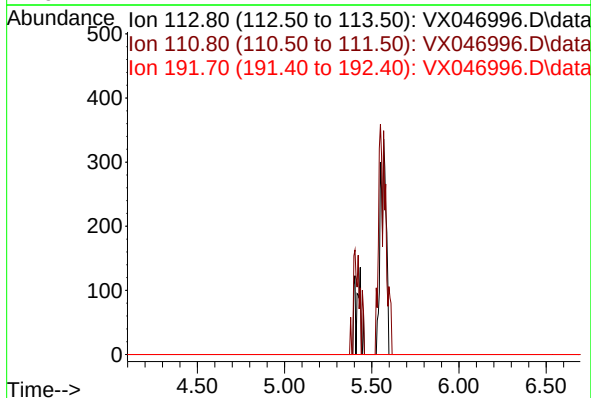
Tgt Ion:114 Resp: 667965
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 16.7 0.0 31.0

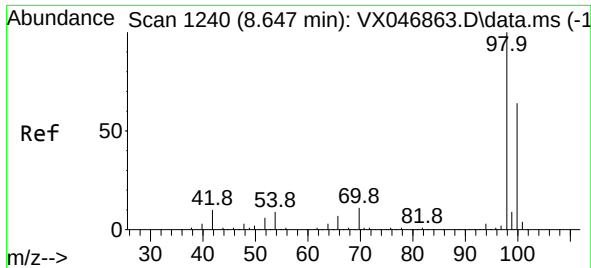


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.40 min

Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.5
192 19.1

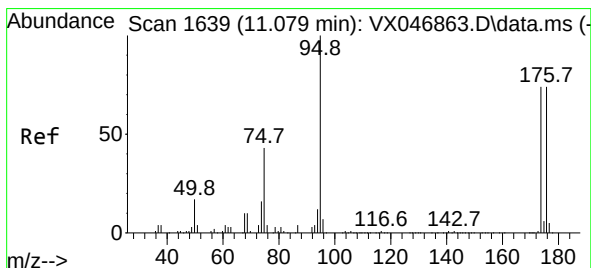
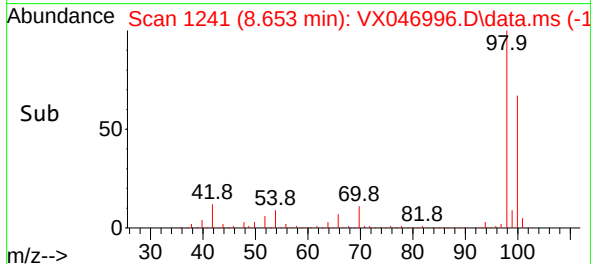
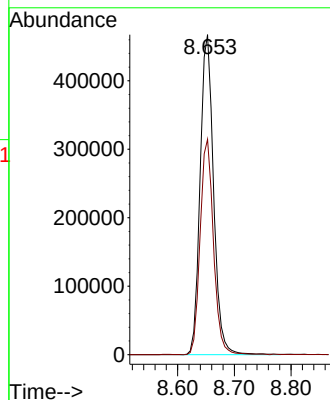
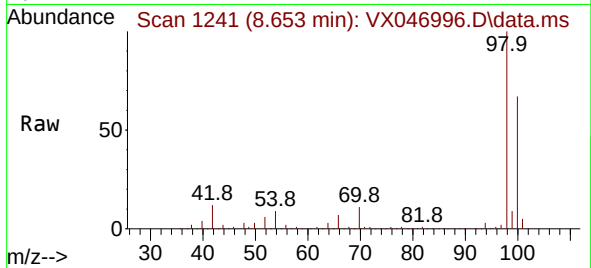




#50
Toluene-d8
Concen: 48.055 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

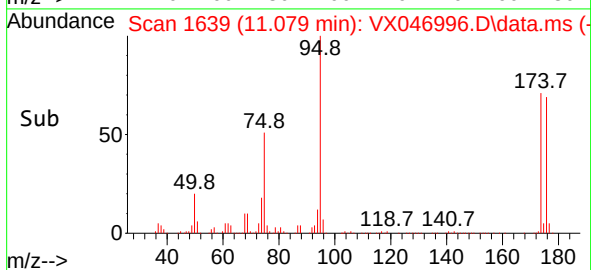
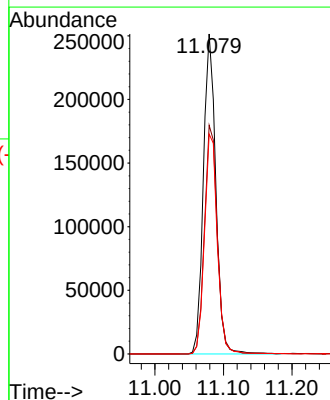
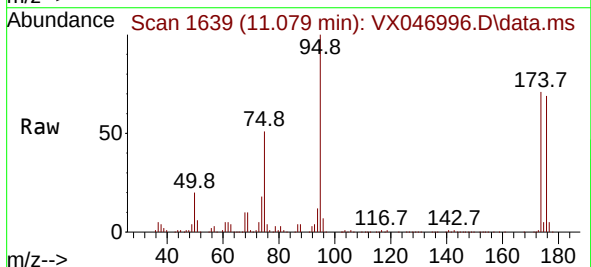
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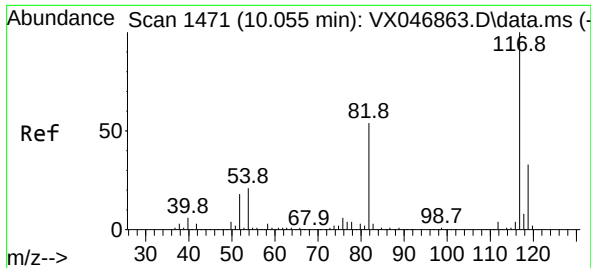
Tgt Ion: 98 Resp: 768754
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Tgt Ion: 95 Resp: 317635
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.0
176 71.2 0.0 145.2

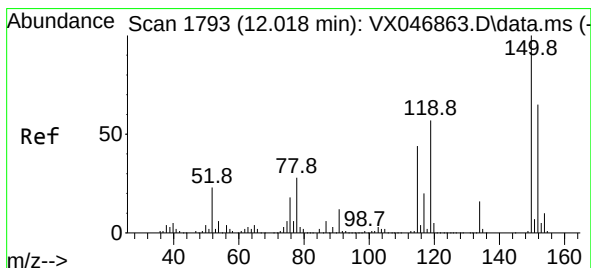
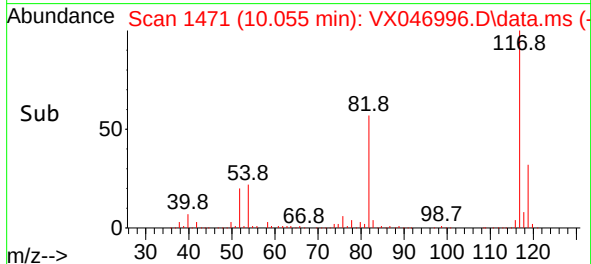
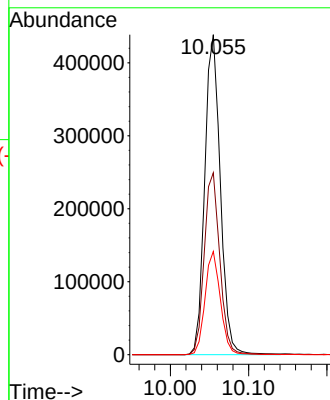
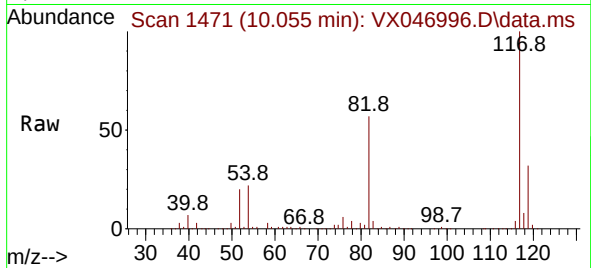




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

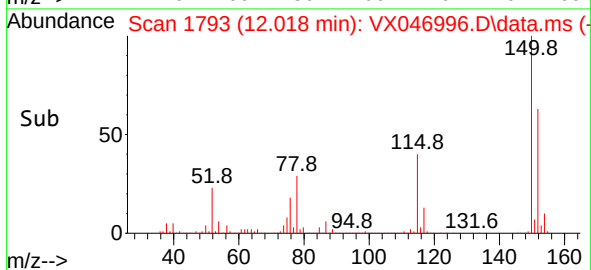
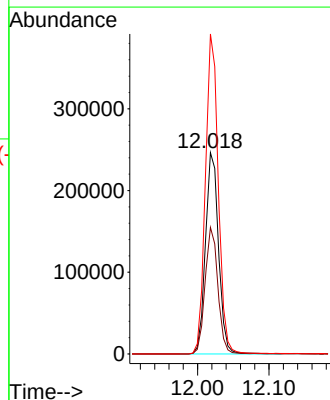
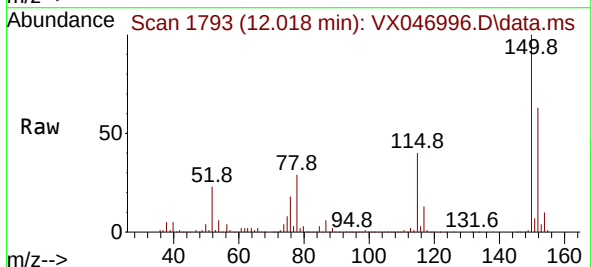
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-GRE

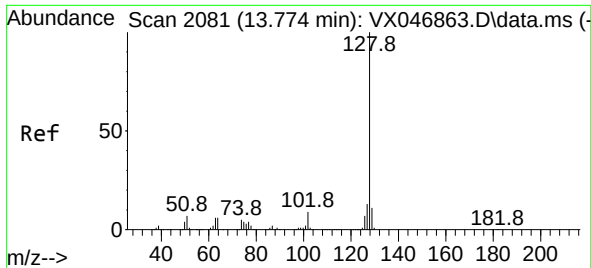
Tgt Ion:117 Resp: 604781
Ion Ratio Lower Upper
117 100
82 56.9 43.3 64.9
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Tgt Ion:152 Resp: 313760
Ion Ratio Lower Upper
152 100
115 61.3 42.4 127.1
150 156.3 0.0 349.2





#95
Naphthalene
Concen: 95.163 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046996.D
Acq: 15 Jul 2025 13:12

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-GRE

Tgt Ion:128 Resp: 1696234
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

