

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046979.D
 Acq On : 14 Jul 2025 17:10
 Operator : JC/MD
 Sample : Q2578-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 15 01:24:14 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)

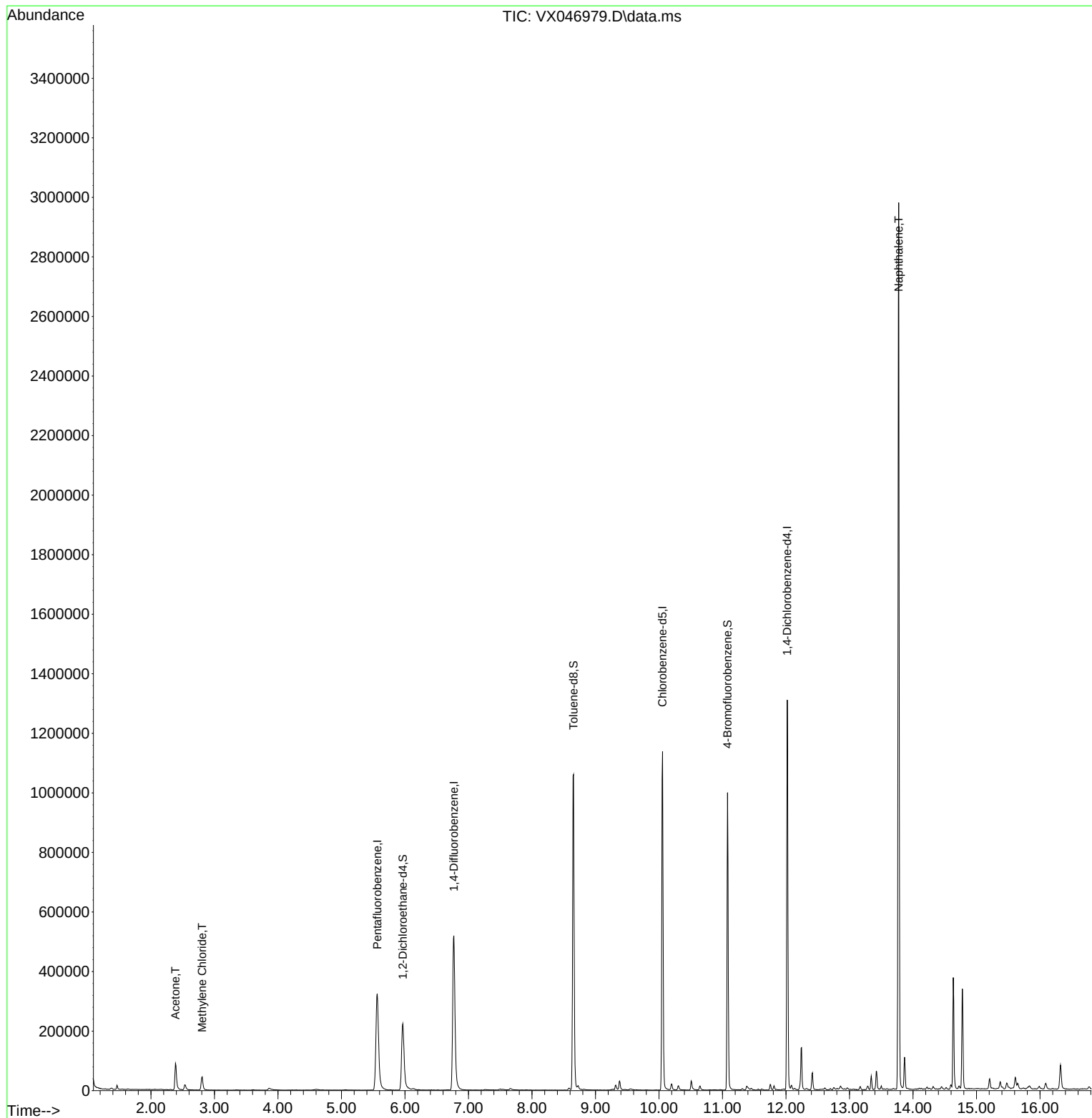
Internal Standards						
1) Pentafluorobenzene	5.562	168	327424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	571871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	520250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	268456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	235554	54.456	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.920%
35) Dibromofluoromethane	5.562	113	557	0.143	ug/l	0.16
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.280%#
50) Toluene-d8	8.653	98	657591	48.013	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	270900	52.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.080%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	109109	81.205	ug/l	99
20) Methylene Chloride	2.806	84	21366	5.378	ug/l	98
95) Naphthalene	13.774	128	1785469	117.074	ug/l	100

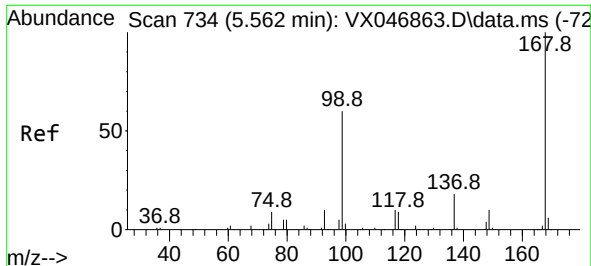
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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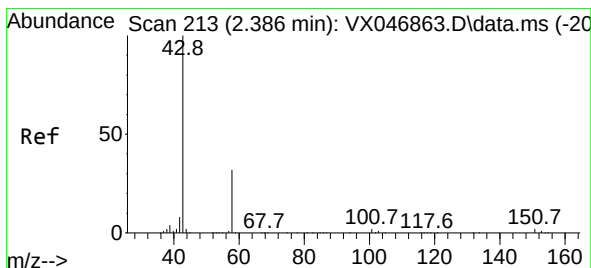
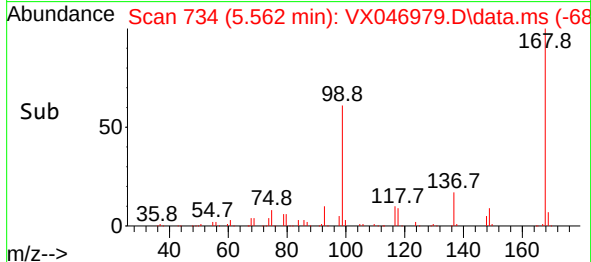
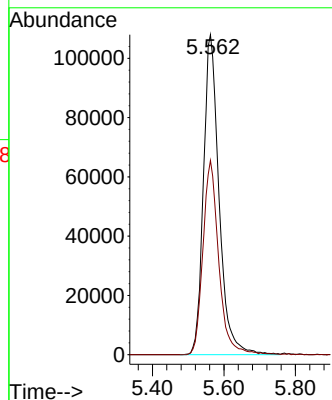
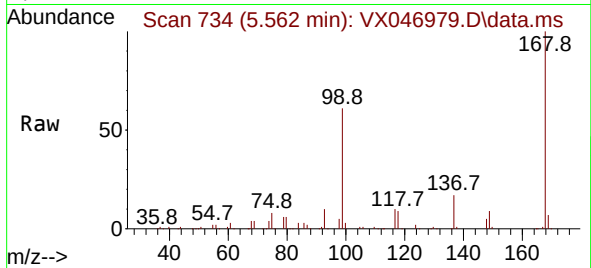




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

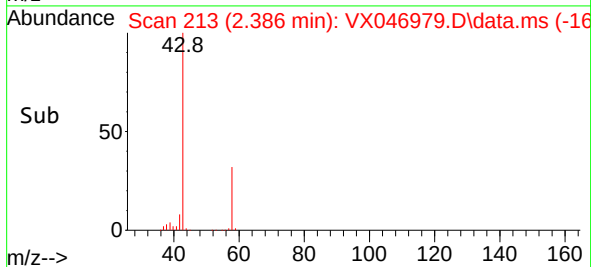
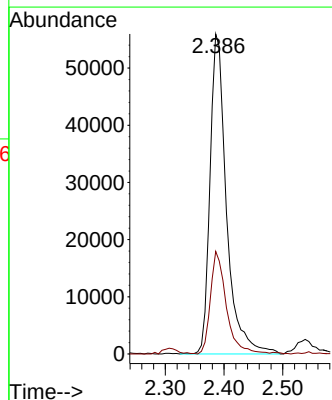
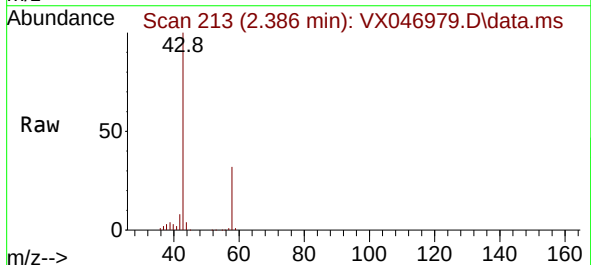
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-G

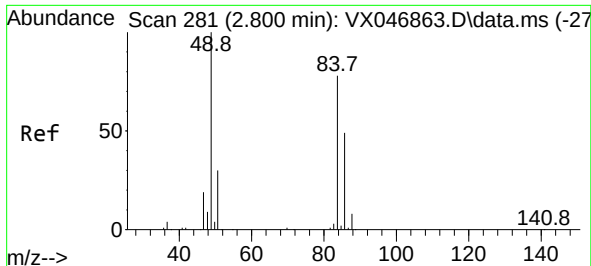
Tgt Ion:168 Resp: 327424
Ion Ratio Lower Upper
168 100
99 60.7 48.8 73.2



#16
Acetone
Concen: 81.205 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

Tgt Ion: 43 Resp: 109109
Ion Ratio Lower Upper
43 100
58 31.7 25.8 38.6

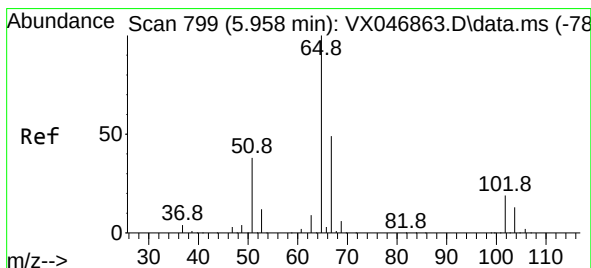
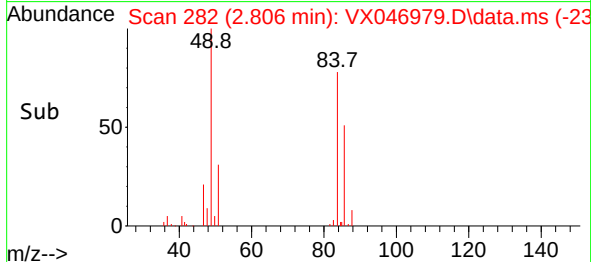
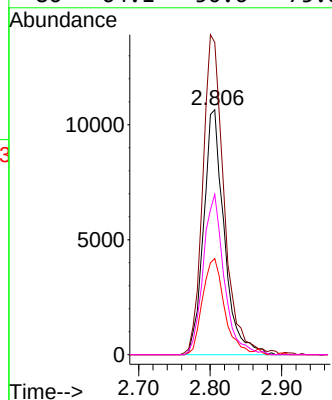
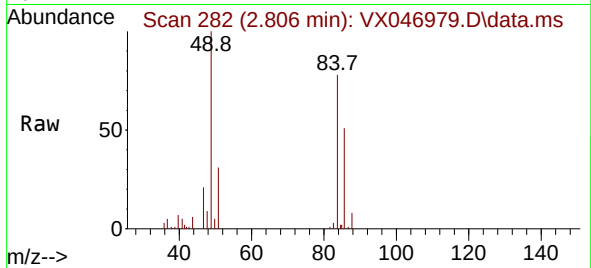




#20
Methylene Chloride
Concen: 5.378 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

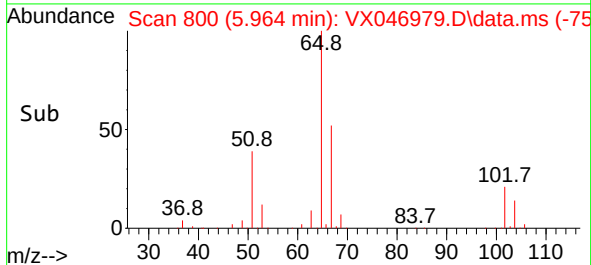
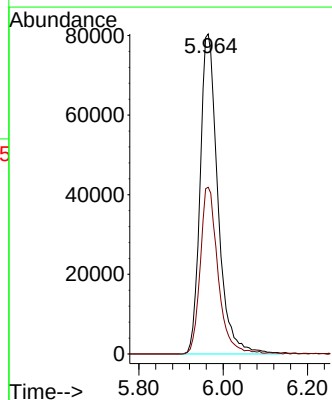
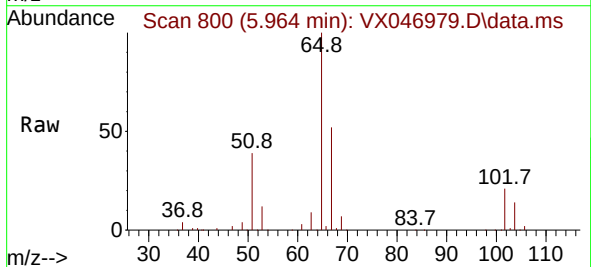
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-G

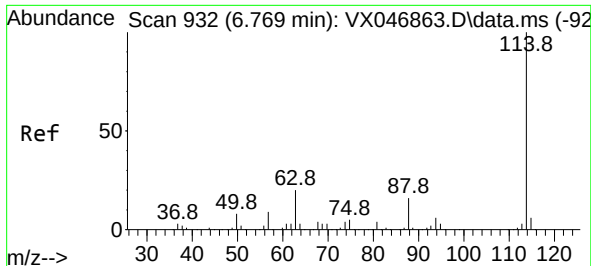
Tgt Ion: 84 Resp: 21366
Ion Ratio Lower Upper
84 100
49 124.9 102.8 154.2
51 38.4 31.1 46.7
86 64.1 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 54.456 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

Tgt Ion: 65 Resp: 235554
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2

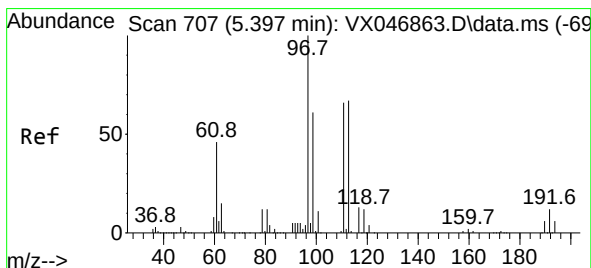
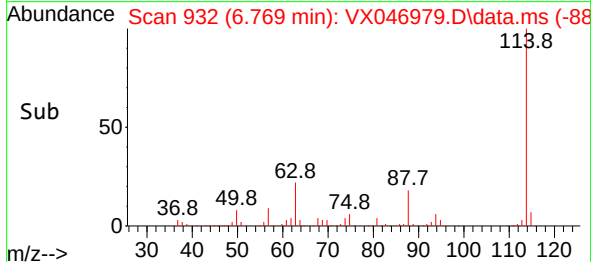
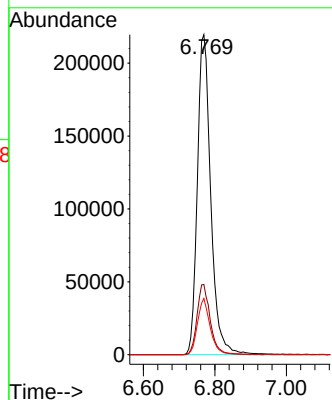
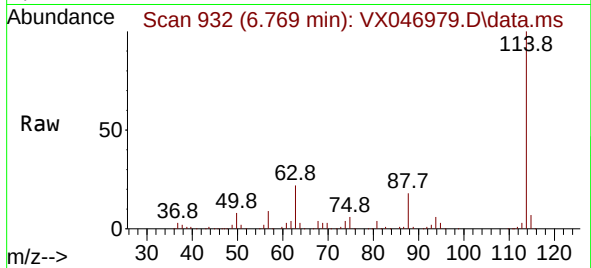




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

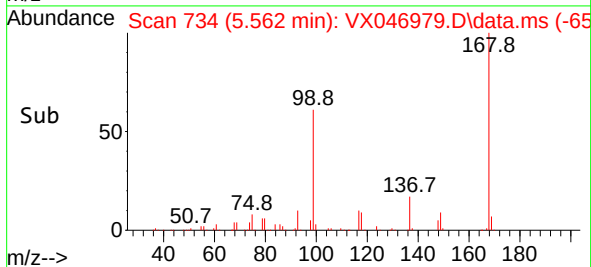
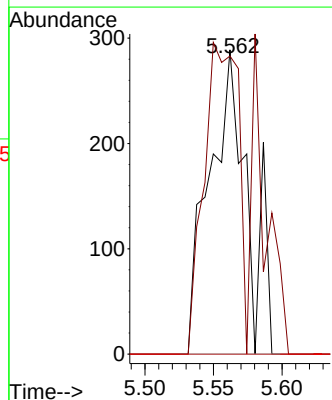
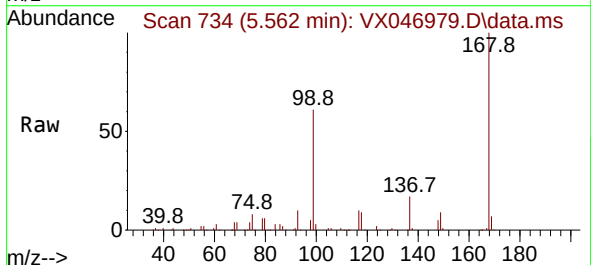
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-11-G

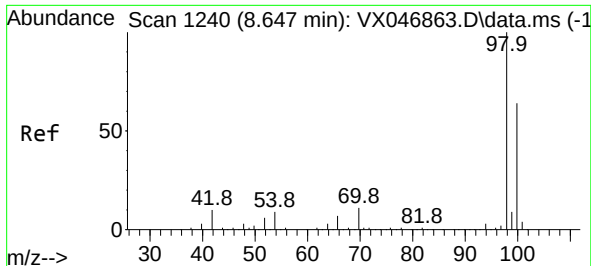
Tgt Ion:114 Resp: 571871
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.4
88 17.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 0.143 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.165 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

Tgt Ion:113 Resp: 557
Ion Ratio Lower Upper
113 100
111 92.6 81.2 121.8
192 0.0 15.3 22.9#

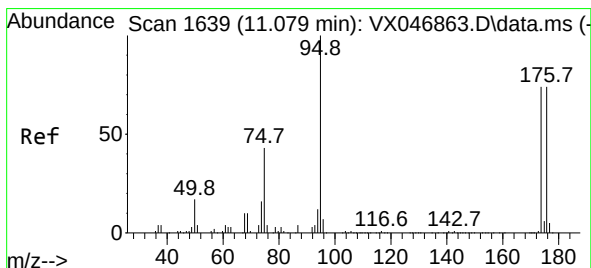
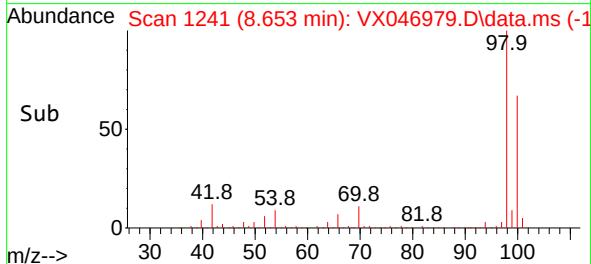
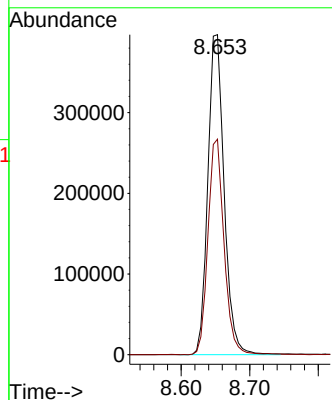
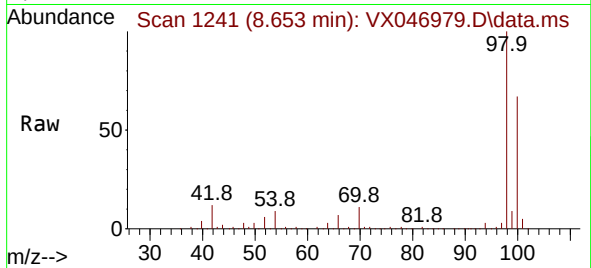




#50
Toluene-d8
Concen: 48.013 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

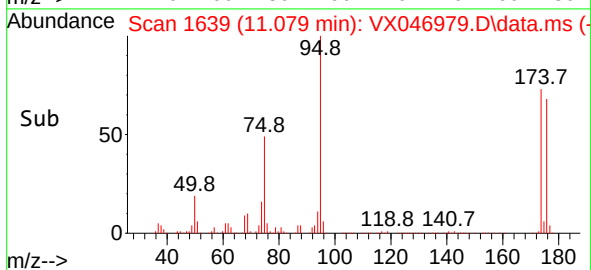
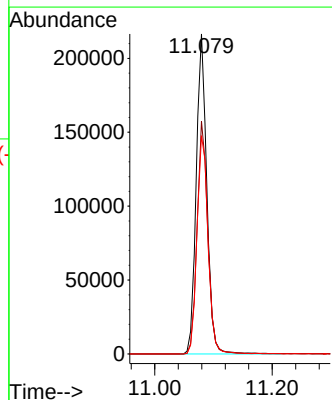
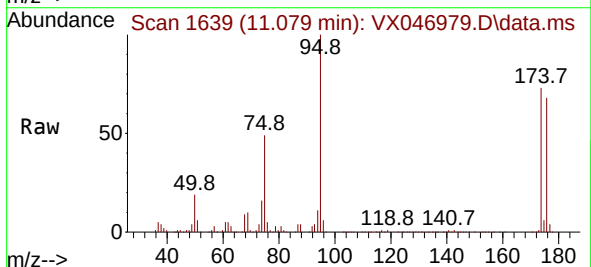
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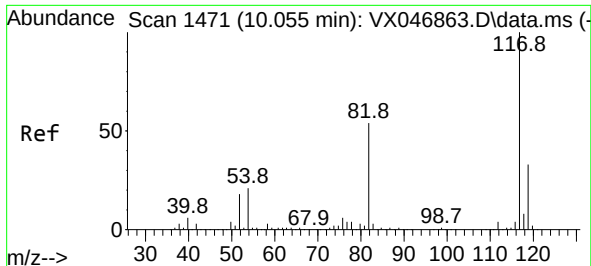
Tgt Ion: 98 Resp: 657591
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

Tgt Ion: 95 Resp: 270900
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.0
176 71.3 0.0 145.2

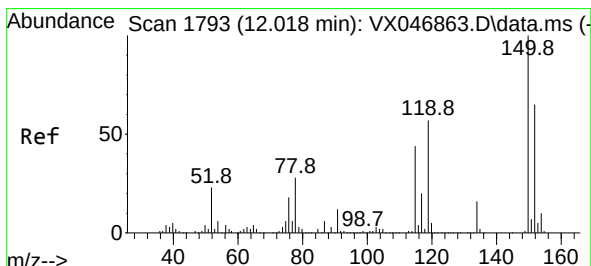
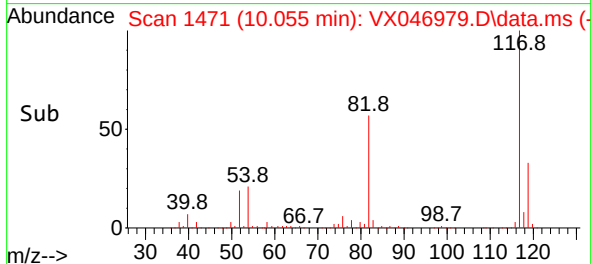
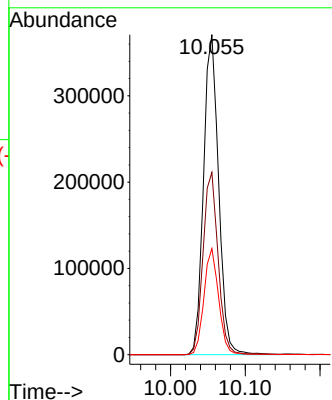
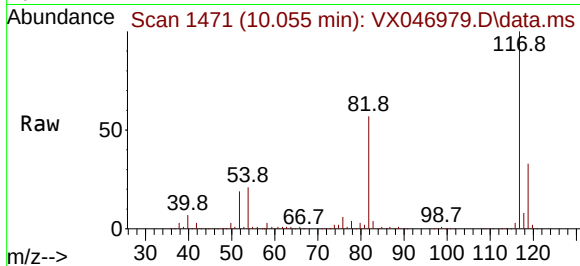




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

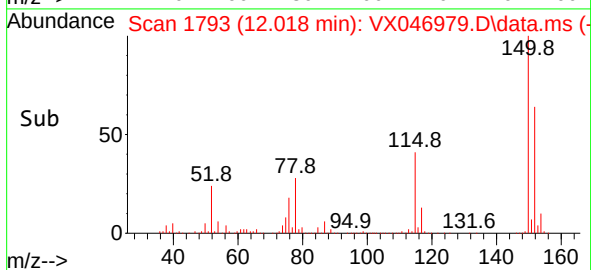
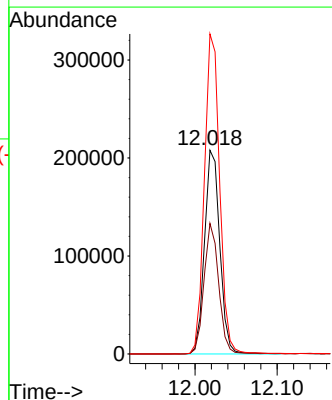
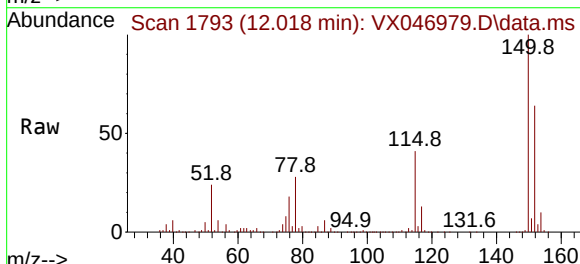
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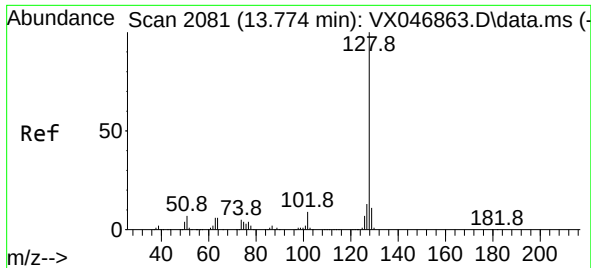
Tgt Ion:117 Resp: 520250
Ion Ratio Lower Upper
117 100
82 56.9 43.3 64.9
119 33.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046979.D
Acq: 14 Jul 2025 17:10

Tgt Ion:152 Resp: 268456
Ion Ratio Lower Upper
152 100
115 62.0 42.4 127.1
150 157.0 0.0 349.2





#95

Naphthalene

Concen: 117.074 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046979.D

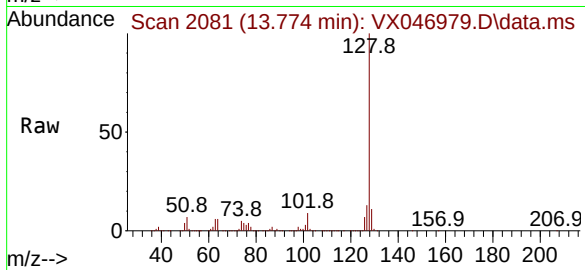
Acq: 14 Jul 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

WC-A2-11-G



Tgt Ion:128 Resp: 1785469

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.1 8.6 13.0

