

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046982.D
 Acq On : 14 Jul 2025 18:14
 Operator : JC/MD
 Sample : Q2579-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-14-G

Quant Time: Jul 15 01:25:42 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)

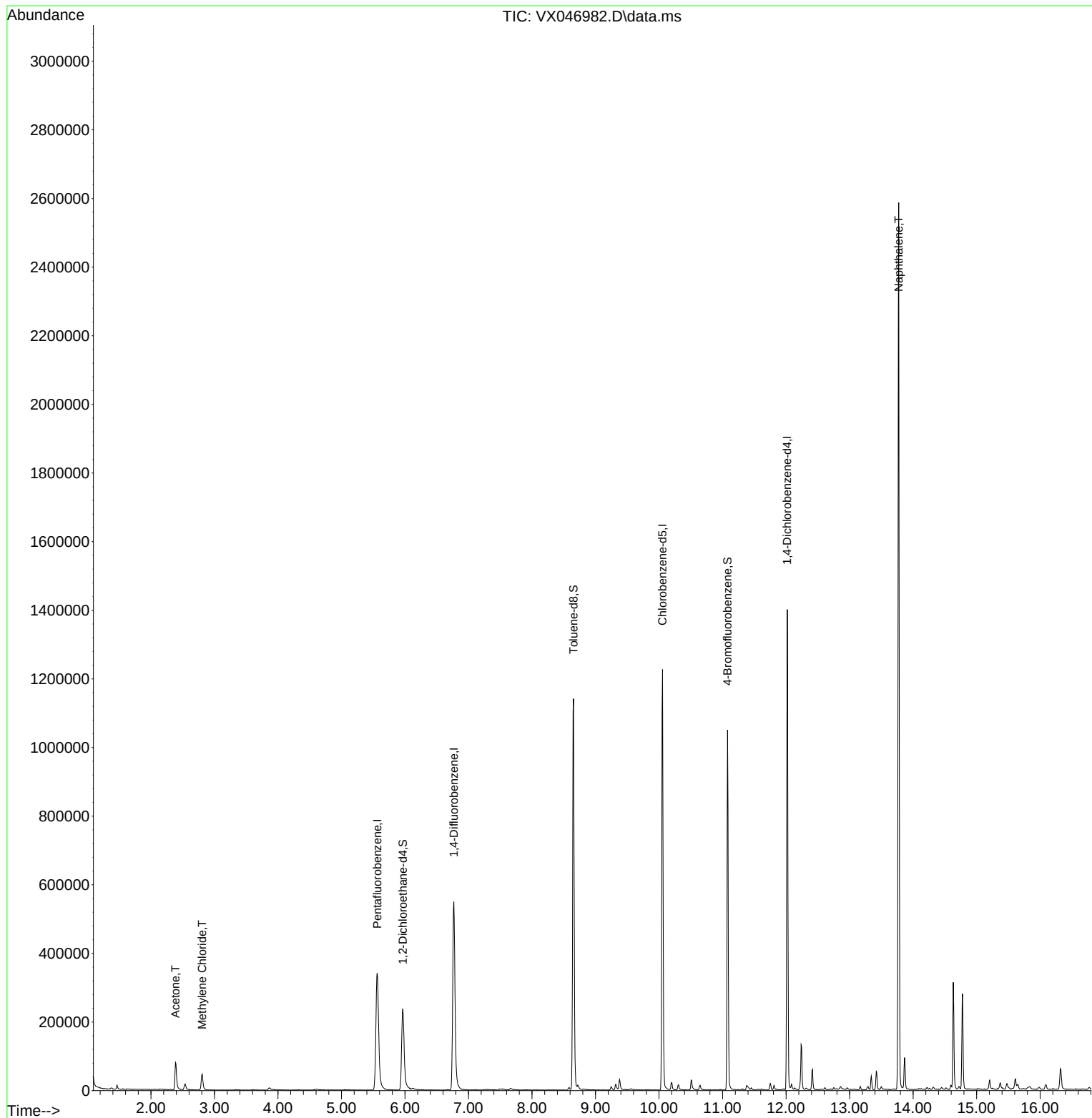
Internal Standards						
1) Pentafluorobenzene	5.562	168	353132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	548369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	247347	53.019	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.040%
35) Dibromofluoromethane	5.580	113	587	0.144	ug/l	0.18
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.280%#
50) Toluene-d8	8.653	98	698421	48.471	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	283567	51.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.560%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	100306	69.219	ug/l	95
20) Methylene Chloride	2.806	84	23062	5.382	ug/l	95
95) Naphthalene	13.774	128	1539105	95.725	ug/l	100

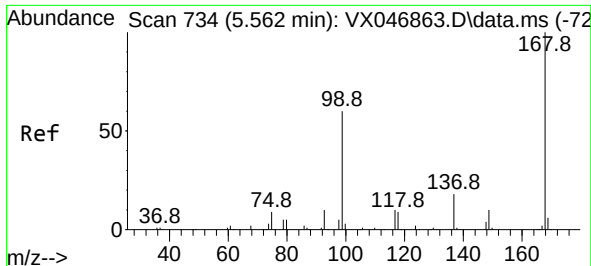
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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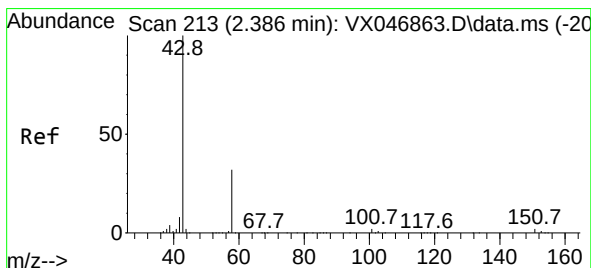
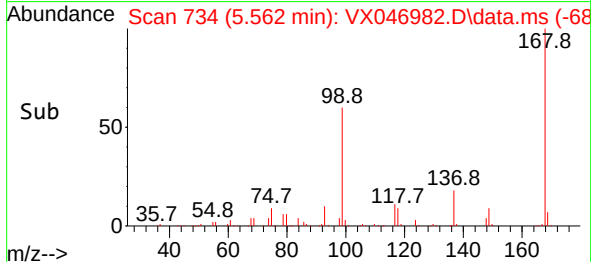
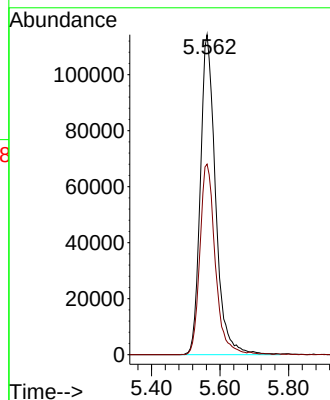
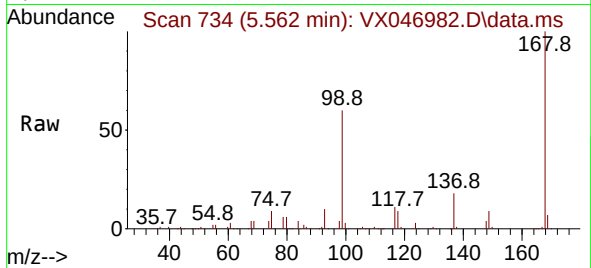




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

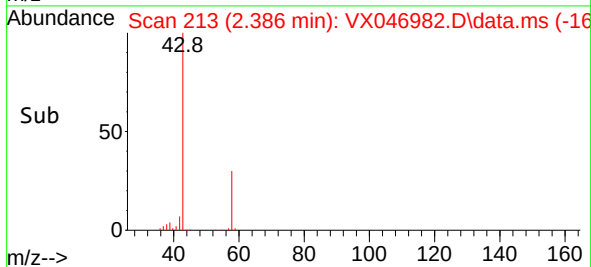
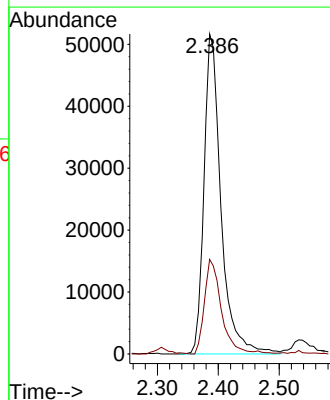
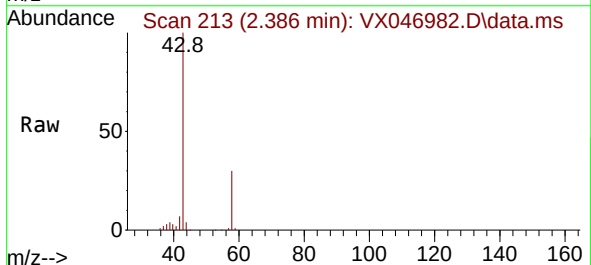
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

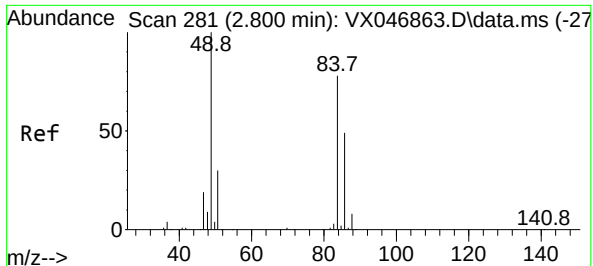
Tgt Ion:168 Resp: 353132
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



#16
Acetone
Concen: 69.219 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion: 43 Resp: 100306
Ion Ratio Lower Upper
43 100
58 29.3 25.8 38.6

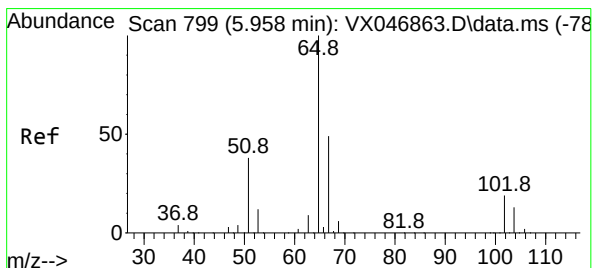
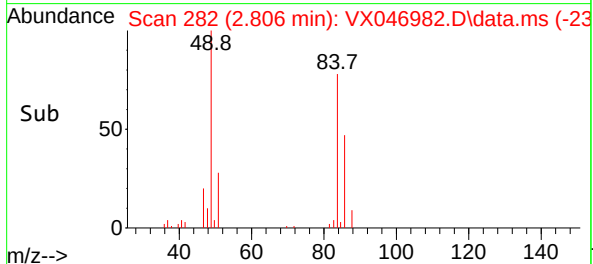
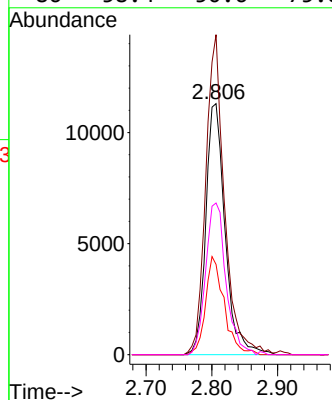
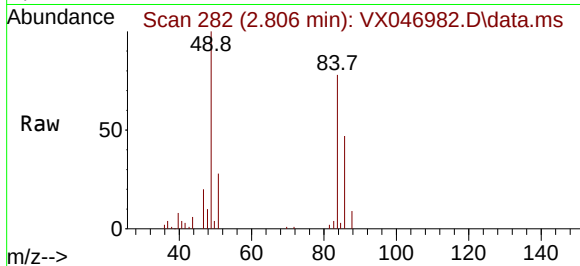




#20
Methylene Chloride
Concen: 5.382 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

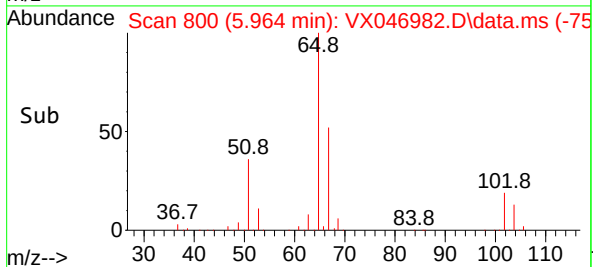
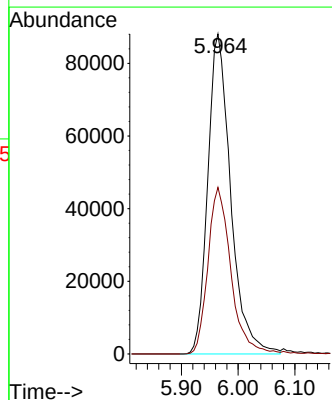
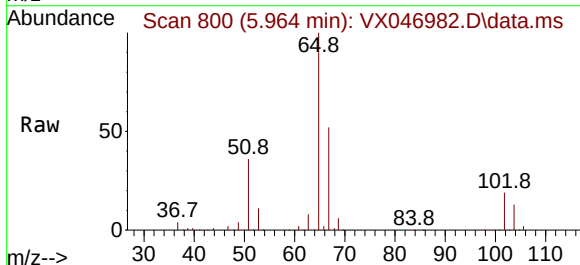
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

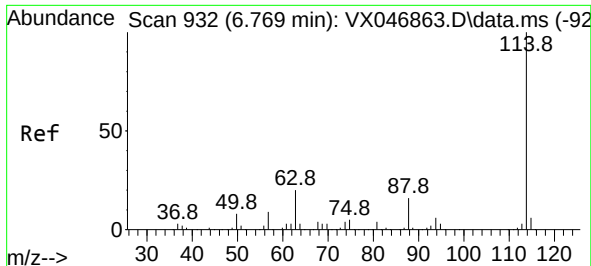
Tgt Ion:	84	Resp:	23062
Ion	Ratio	Lower	Upper
84	100		
49	123.1	102.8	154.2
51	34.7	31.1	46.7
86	58.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.019 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion:	65	Resp:	247347
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2

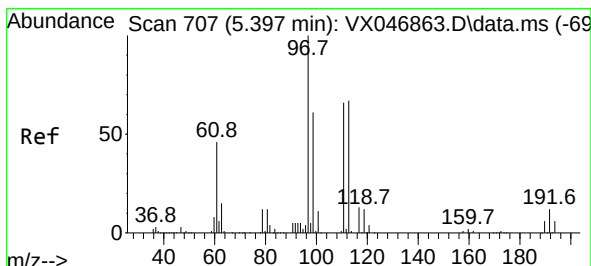
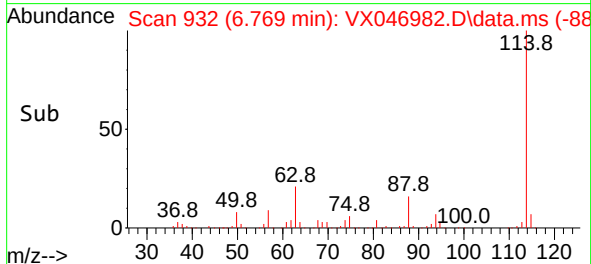
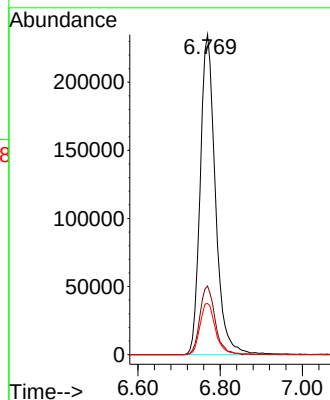
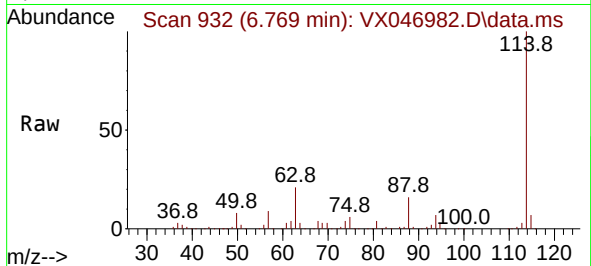




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

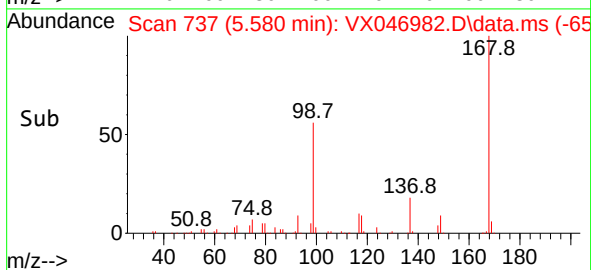
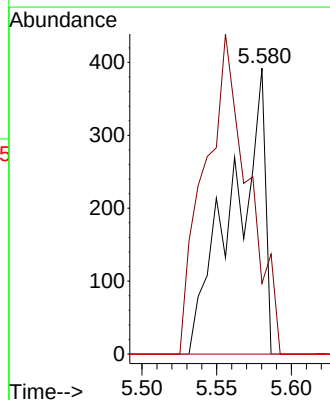
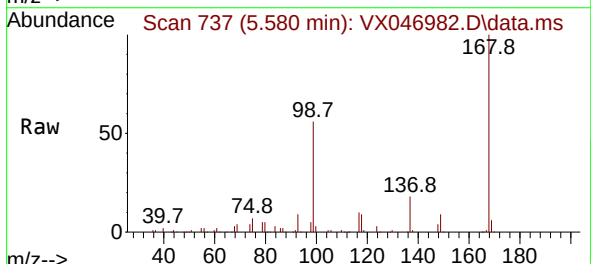
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G

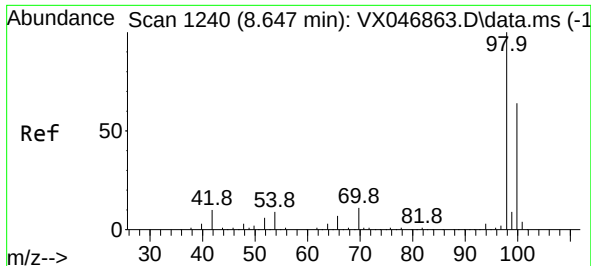
Tgt Ion:114 Resp: 601642
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 0.144 ug/l
RT: 5.580 min Scan# 737
Delta R.T. 0.183 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion:113 Resp: 587
Ion Ratio Lower Upper
113 100
111 0.0 81.2 121.8#
192 0.0 15.3 22.9#

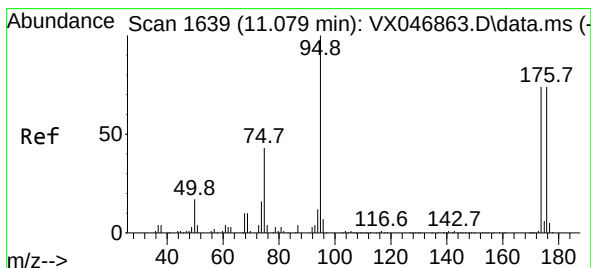
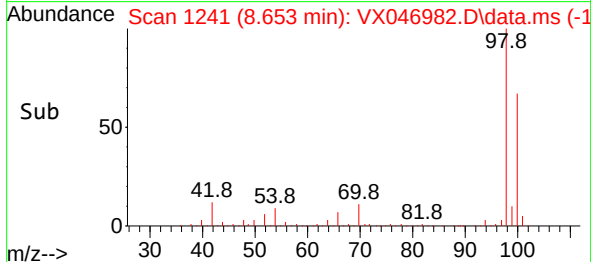
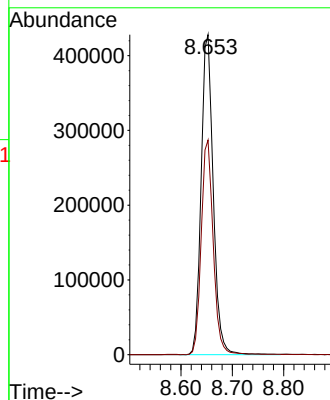
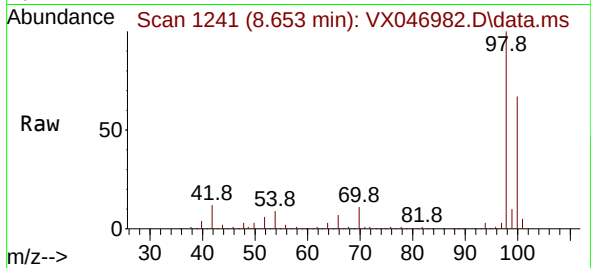




#50
Toluene-d8
Concen: 48.471 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

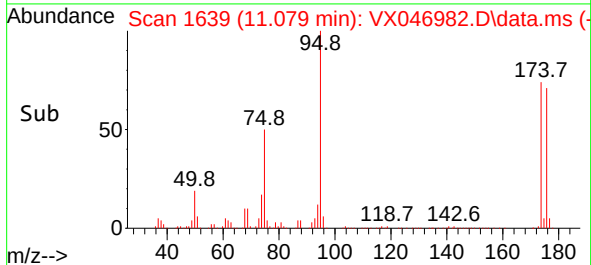
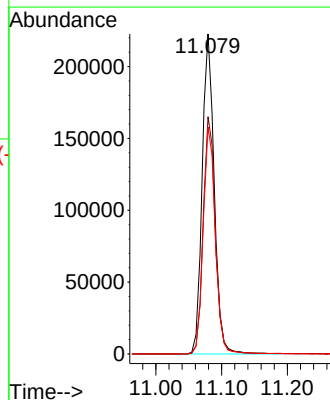
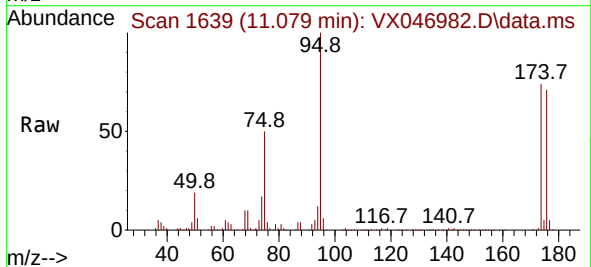
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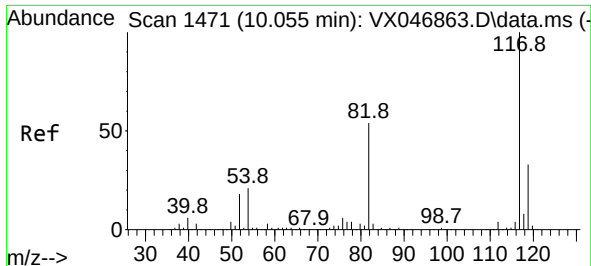
Tgt Ion: 98 Resp: 698421
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 51.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Tgt Ion: 95 Resp: 283567
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.0
176 71.2 0.0 145.2

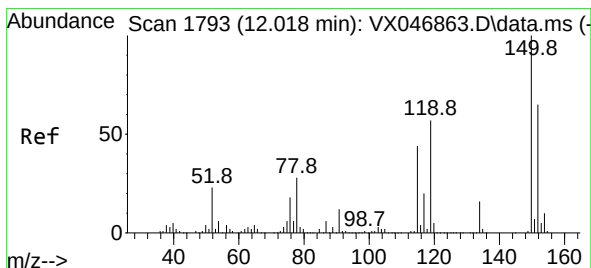
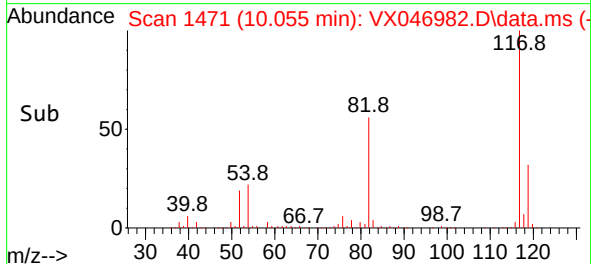
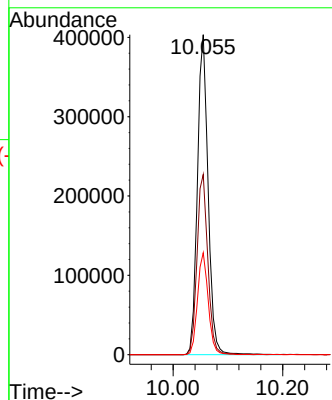
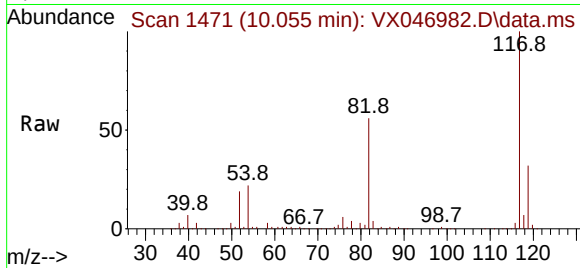




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

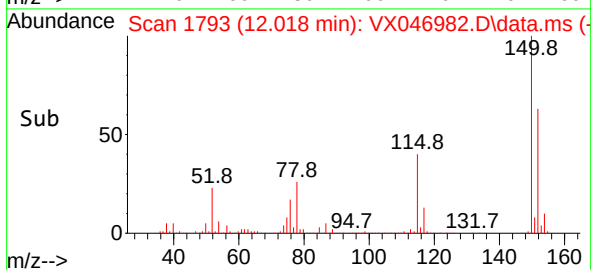
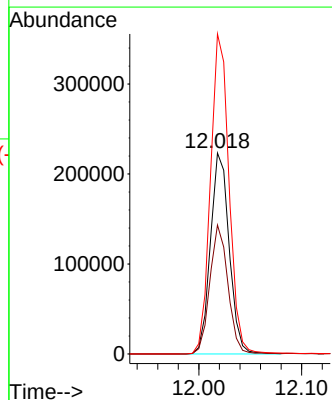
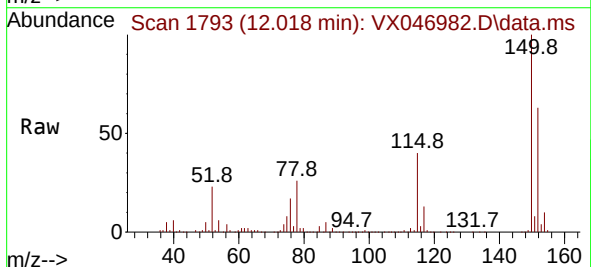
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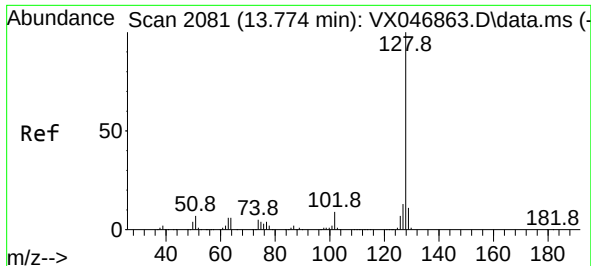
Tgt Ion:117 Resp: 548369
Ion Ratio Lower Upper
117 100
82 56.3 43.3 64.9
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

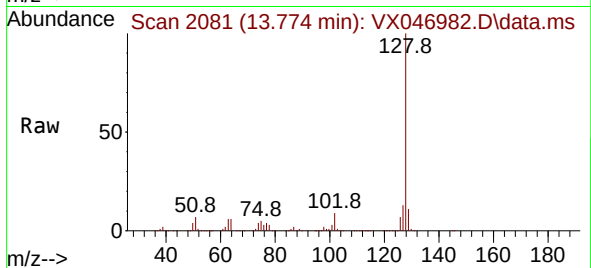
Tgt Ion:152 Resp: 283025
Ion Ratio Lower Upper
152 100
115 62.0 42.4 127.1
150 157.5 0.0 349.2





#95
Naphthalene
Concen: 95.725 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046982.D
Acq: 14 Jul 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-14-G



Tgt Ion:128 Resp: 1539105
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

