

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046993.D
 Acq On : 15 Jul 2025 12:08
 Operator : JC/MD
 Sample : Q2578-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A5-01-GRE

Quant Time: Jul 16 02:23:49 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)

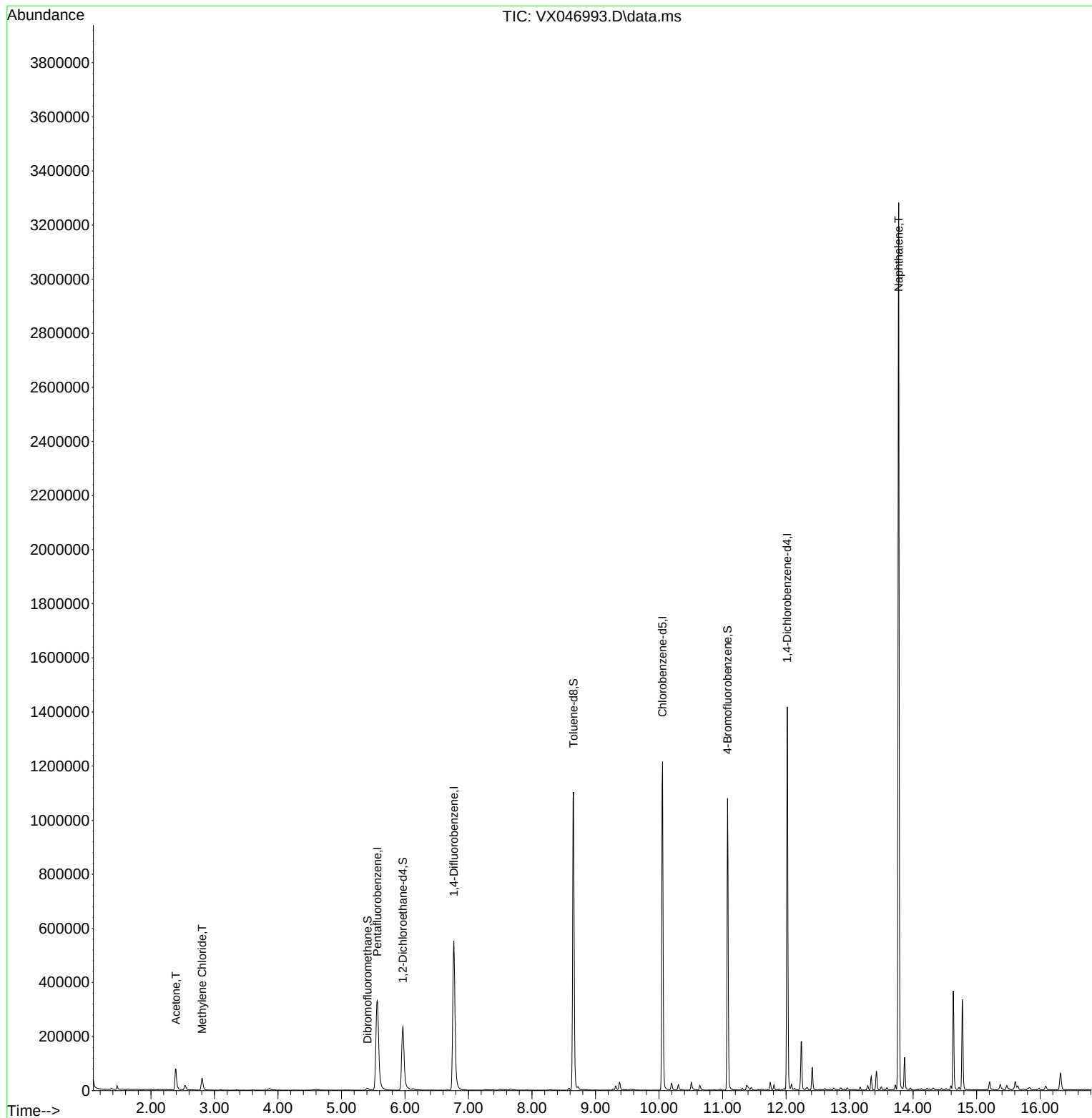
Internal Standards						
1) Pentafluorobenzene	5.562	168	344231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	596469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	541914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	243518	53.548	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.100%
35) Dibromofluoromethane	5.409	113	7111	1.756	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	3.520%#
50) Toluene-d8	8.653	98	690928	48.367	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	285992	52.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.360%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	100370	71.054	ug/l	93
20) Methylene Chloride	2.806	84	22750	5.446	ug/l	98
95) Naphthalene	13.774	128	1932498	120.989	ug/l	100

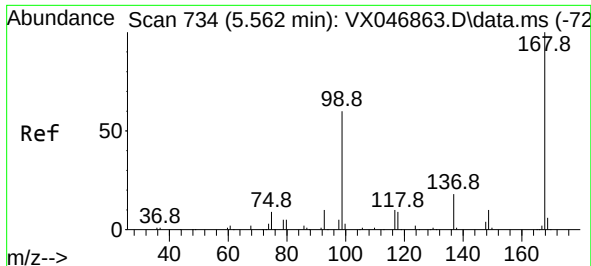
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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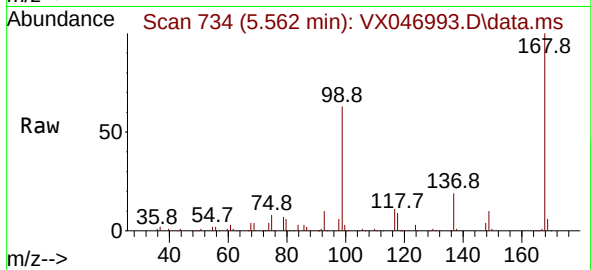
Quant Time: Jul 16 02:23:49 2025
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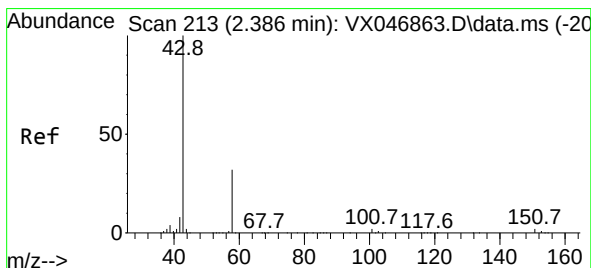
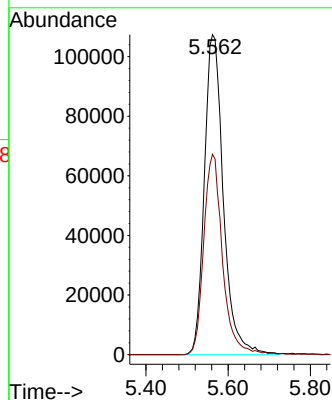
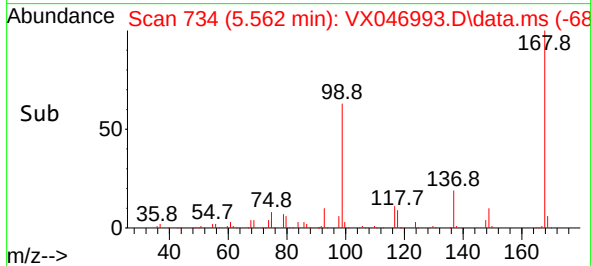


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

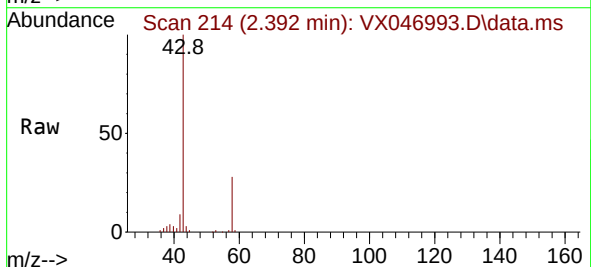
Instrument :
MSVOA_X
ClientSampleId :
WC-A5-01-GRE



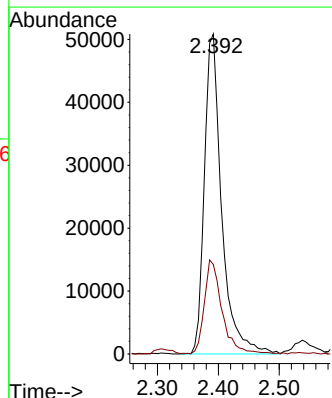
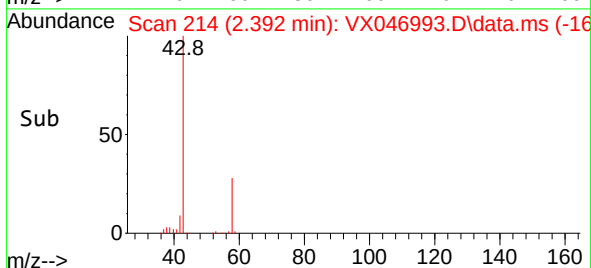
Tgt Ion:168 Resp: 344231
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2

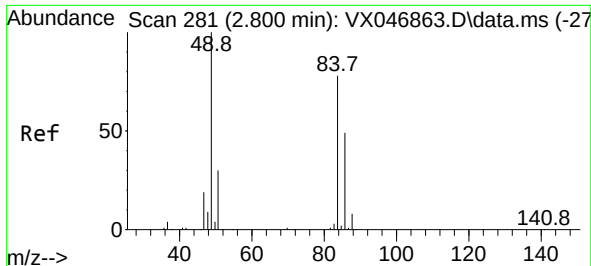


#16
Acetone
Concen: 71.054 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08



Tgt Ion: 43 Resp: 100370
Ion Ratio Lower Upper
43 100
58 28.3 25.8 38.6

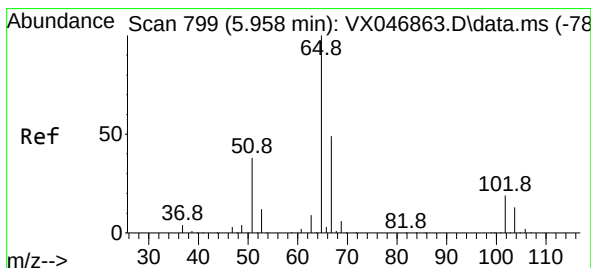
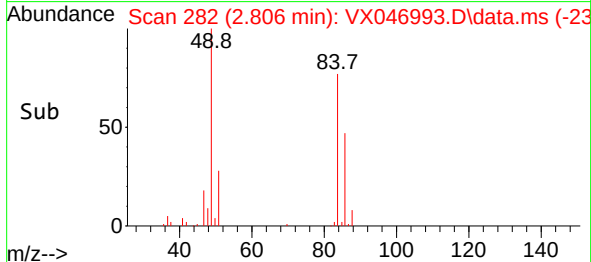
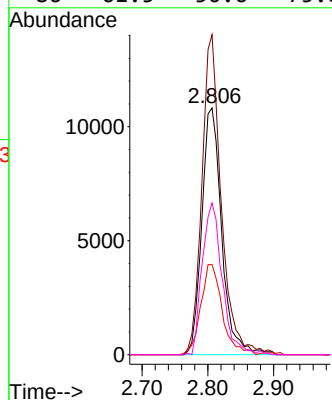
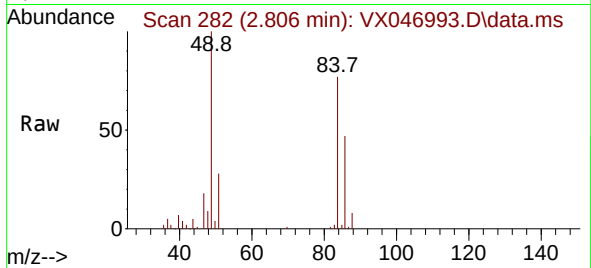




#20
Methylene Chloride
Concen: 5.446 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

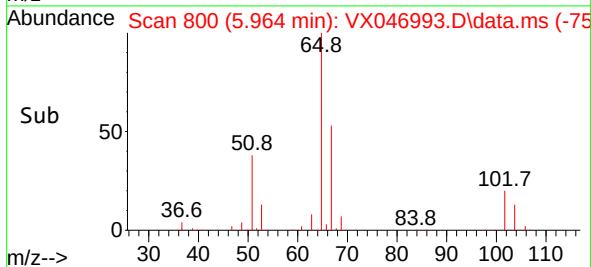
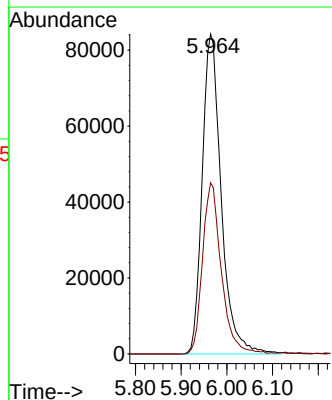
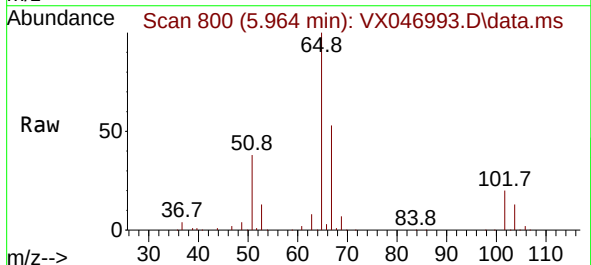
Instrument :
MSVOA_X
ClientSampleId :
WC-A5-01-GRE

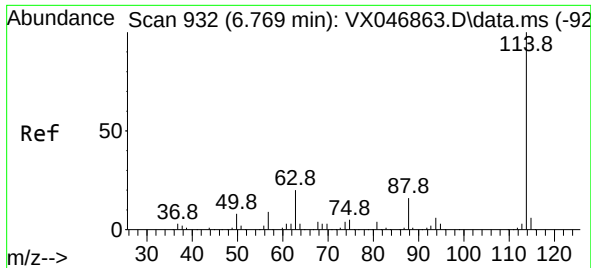
Tgt Ion: 84 Resp: 22750
Ion Ratio Lower Upper
84 100
49 129.7 102.8 154.2
51 36.5 31.1 46.7
86 61.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 53.548 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

Tgt Ion: 65 Resp: 243518
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

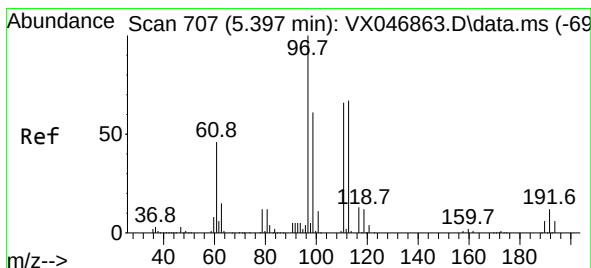
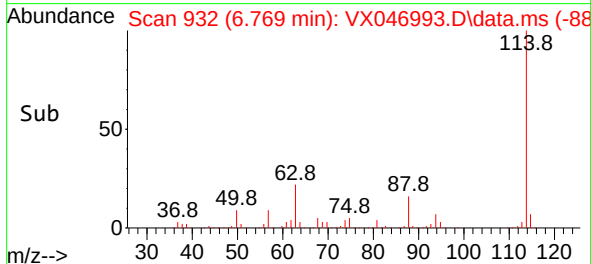
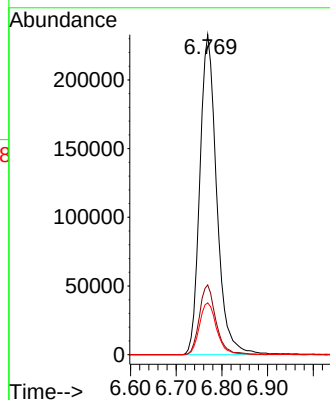
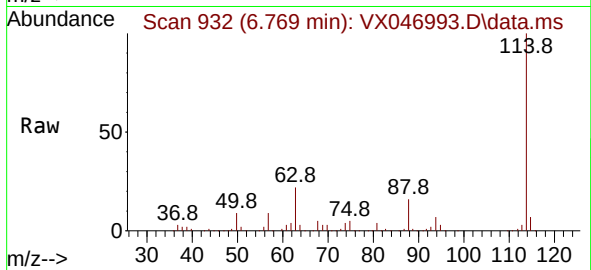




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046993.D
 Acq: 15 Jul 2025 12:08

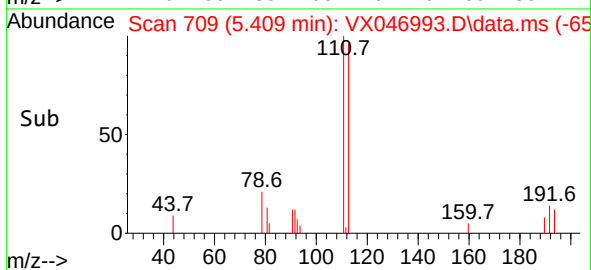
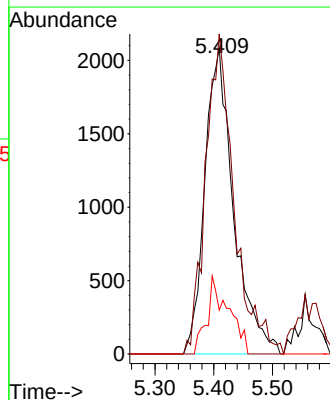
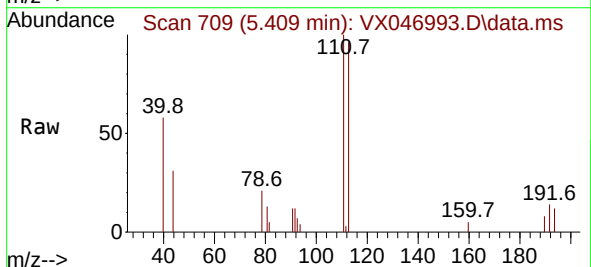
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A5-01-GRE

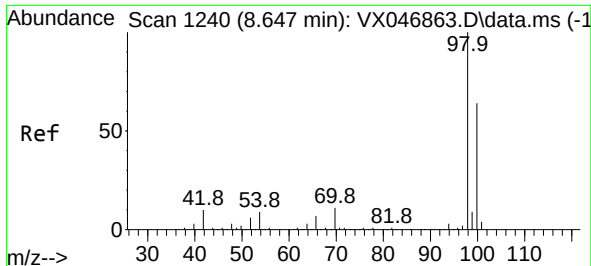
Tgt Ion:114 Resp: 596469
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 16.2 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 1.756 ug/l
 RT: 5.409 min Scan# 709
 Delta R.T. 0.012 min
 Lab File: VX046993.D
 Acq: 15 Jul 2025 12:08

Tgt Ion:113 Resp: 7111
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.2 121.8
 192 19.1 15.3 22.9

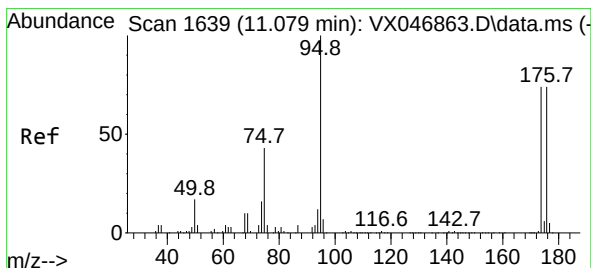
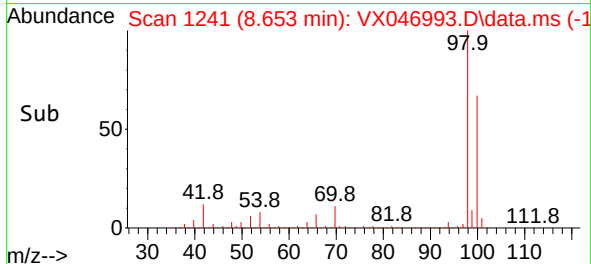
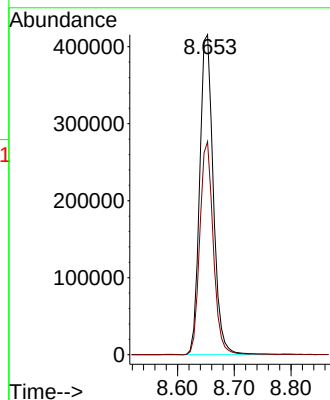
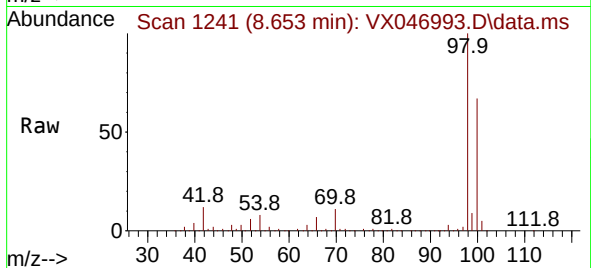




#50
Toluene-d8
Concen: 48.367 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

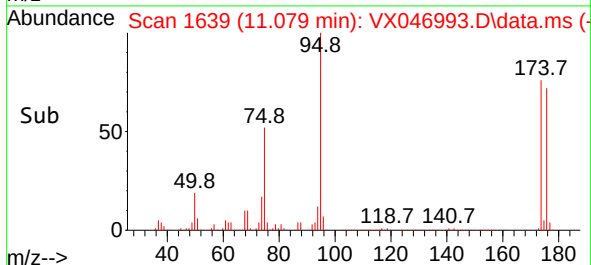
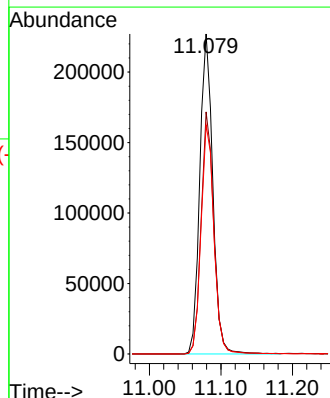
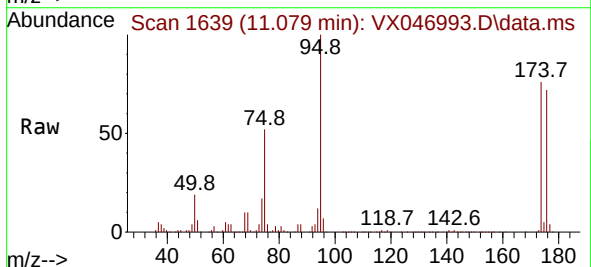
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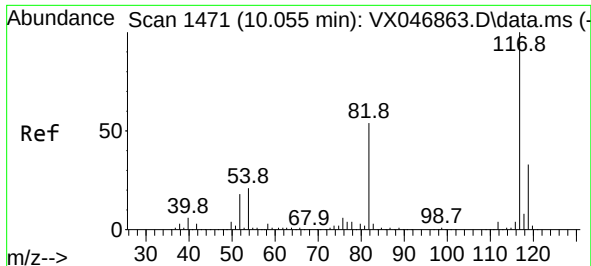
Tgt Ion: 98 Resp: 690928
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

Tgt Ion: 95 Resp: 285992
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.0
176 71.5 0.0 145.2

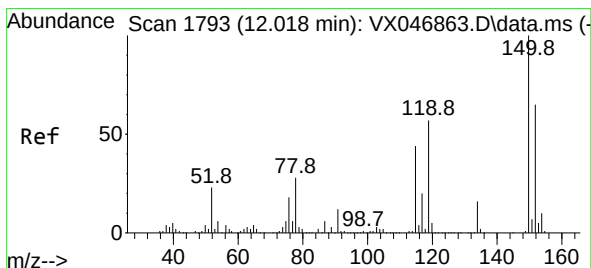
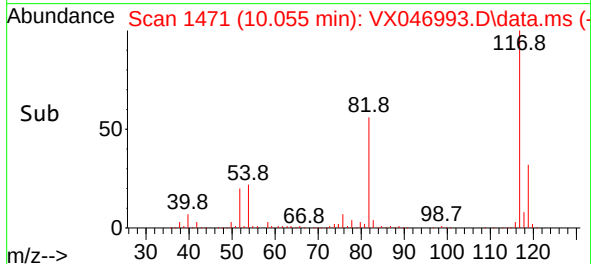
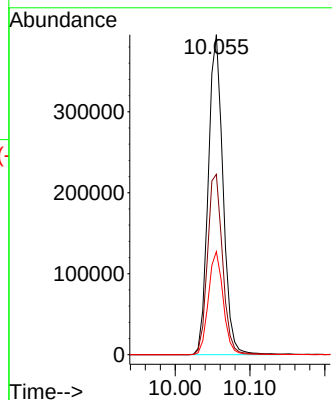
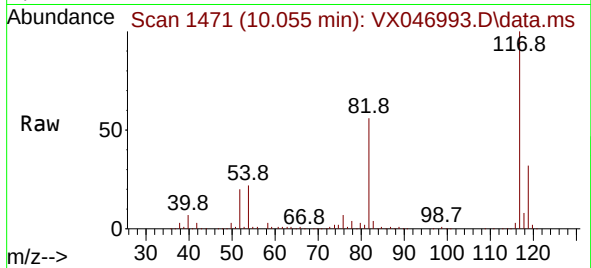




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

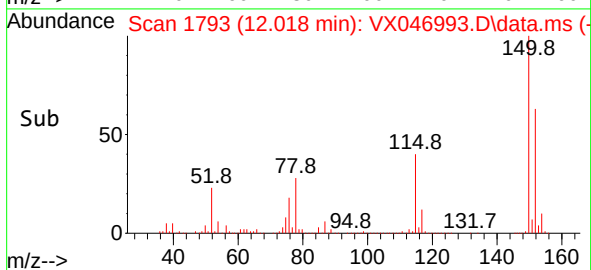
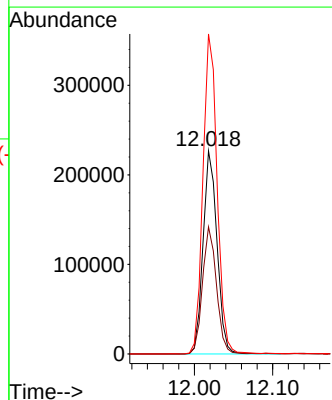
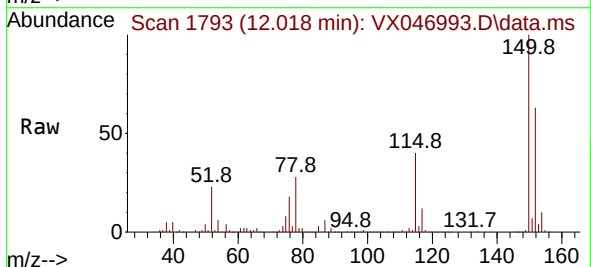
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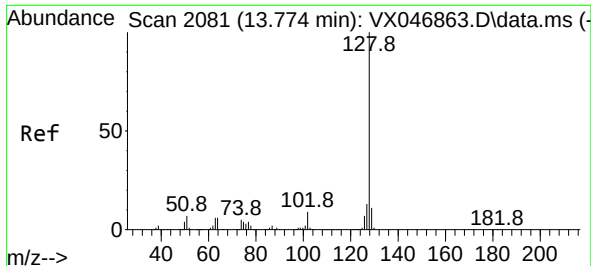
Tgt Ion:117 Resp: 541914
Ion Ratio Lower Upper
117 100
82 56.3 43.3 64.9
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046993.D
Acq: 15 Jul 2025 12:08

Tgt Ion:152 Resp: 281161
Ion Ratio Lower Upper
152 100
115 62.5 42.4 127.1
150 159.4 0.0 349.2





#95

Naphthalene

Concen: 120.989 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046993.D

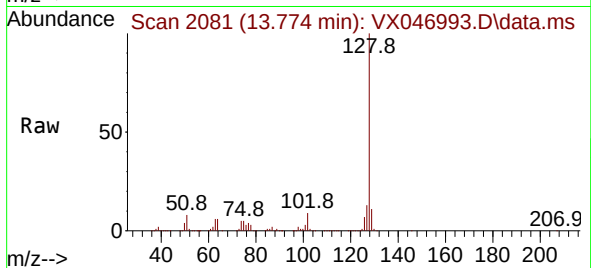
Acq: 15 Jul 2025 12:08

Instrument :

MSVOA_X

ClientSampleId :

WC-A5-01-GRE



Tgt Ion:128 Resp: 1932498

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.6 13.0

