

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046239.D
 Acq On : 16 May 2025 13:45
 Operator : JC/MD
 Sample : Q2048-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L2-WC-4

Quant Time: May 16 23:05:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

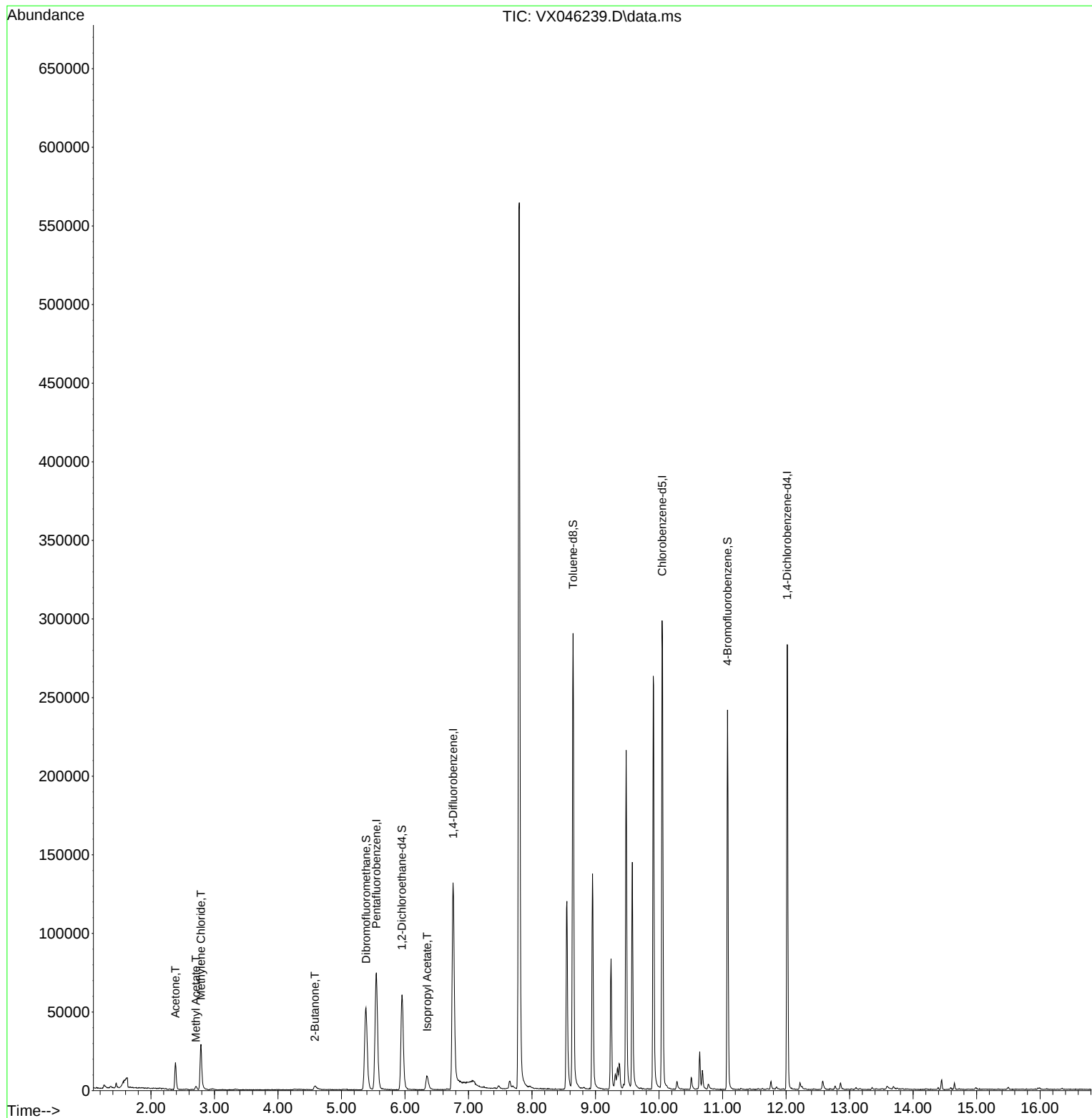
Internal Standards						
1) Pentafluorobenzene	5.550	168	63281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63360	53.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.420%	
35) Dibromofluoromethane	5.385	113	46208	50.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	8.647	98	163082	51.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	11.079	95	64277	53.369	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.740%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	18899	39.953	ug/l	100
18) Methyl Acetate	2.709	43	3002	2.735	ug/l	96
20) Methylene Chloride	2.788	84	13448	14.835	ug/l	96
25) 2-Butanone	4.580	43	5928	8.632	ug/l #	82
43) Isopropyl Acetate	6.348	43	13857	6.032	ug/l	97

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

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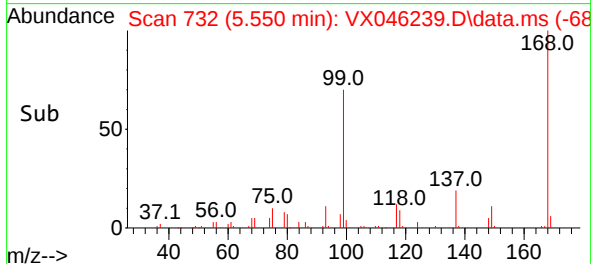
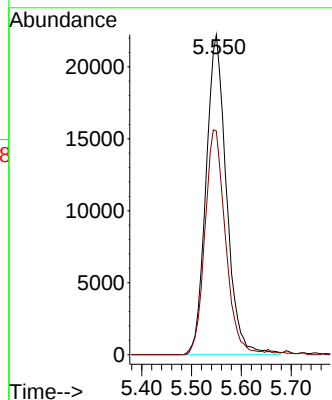
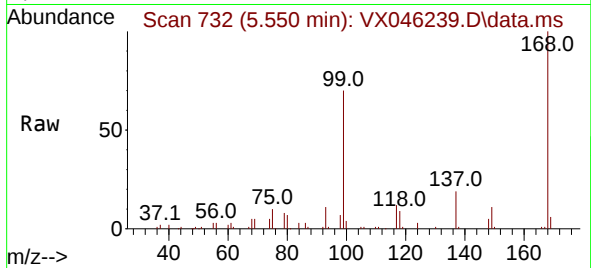




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

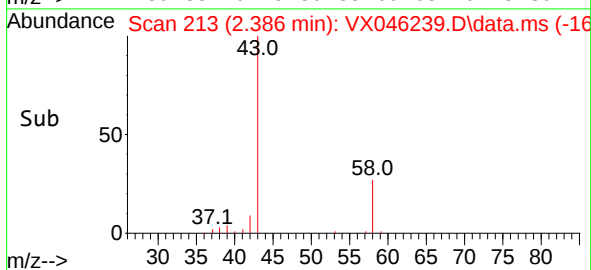
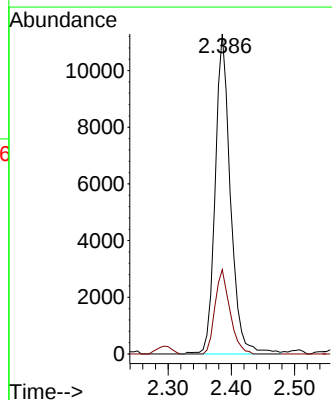
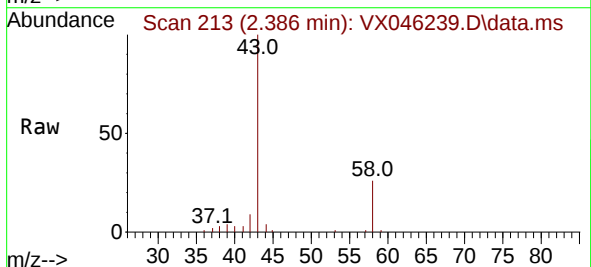
Instrument :
MSVOA_X
ClientSampleId :
L2-WC-4

Tgt Ion:168 Resp: 63281
Ion Ratio Lower Upper
168 100
99 69.9 54.9 82.3



#16
Acetone
Concen: 39.953 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

Tgt Ion: 43 Resp: 18899
Ion Ratio Lower Upper
43 100
58 26.4 21.2 31.8

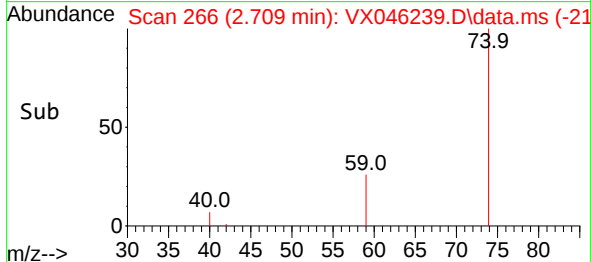
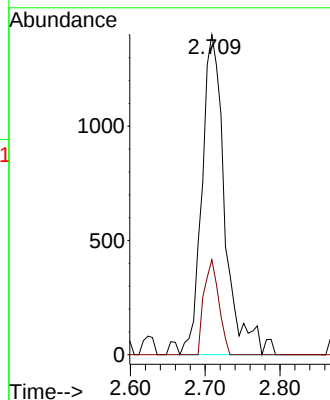
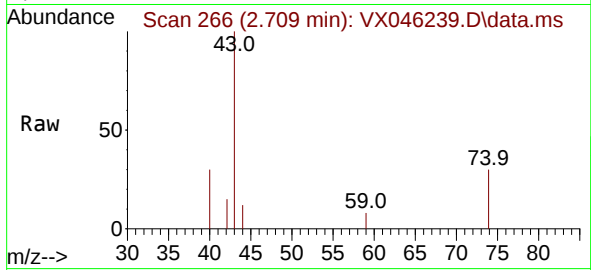




#18
Methyl Acetate
Concen: 2.735 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

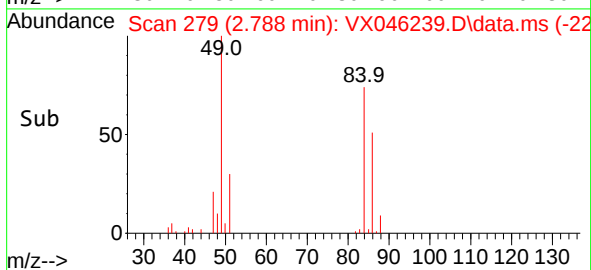
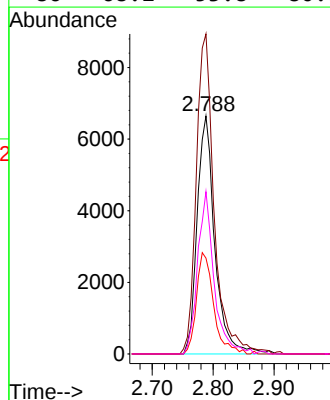
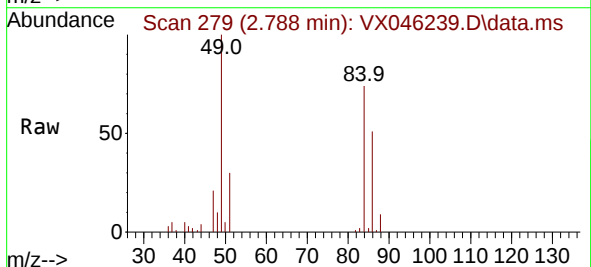
Instrument :
MSVOA_X
ClientSampleId :
L2-WC-4

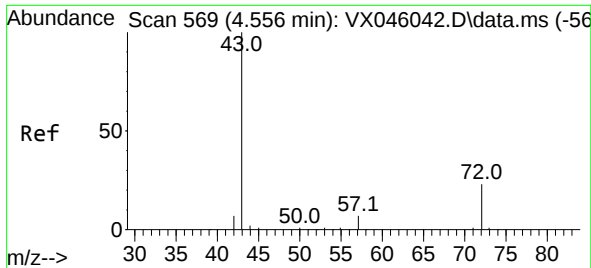
Tgt Ion: 43 Resp: 3002
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1



#20
Methylene Chloride
Concen: 14.835 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

Tgt Ion: 84 Resp: 13448
Ion Ratio Lower Upper
84 100
49 134.5 113.9 170.9
51 40.3 33.5 50.3
86 68.2 53.8 80.8

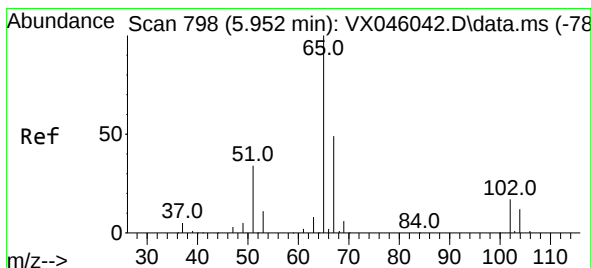
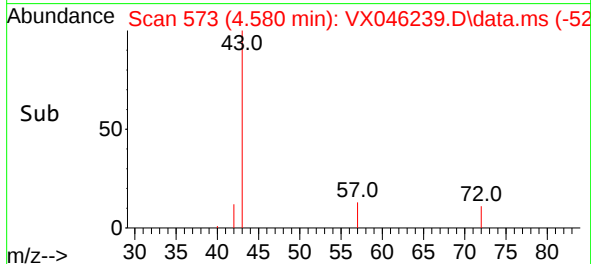
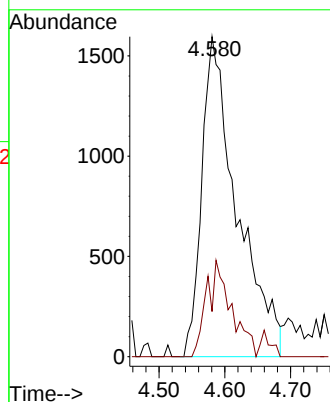
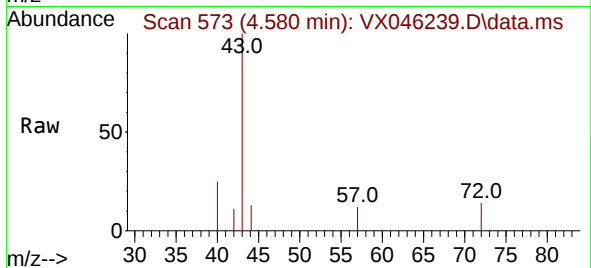




#25
2-Butanone
Concen: 8.632 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

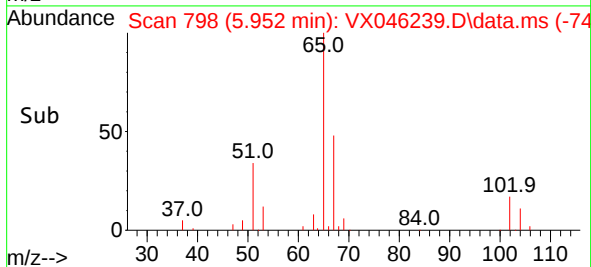
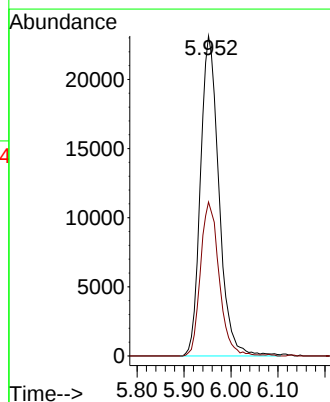
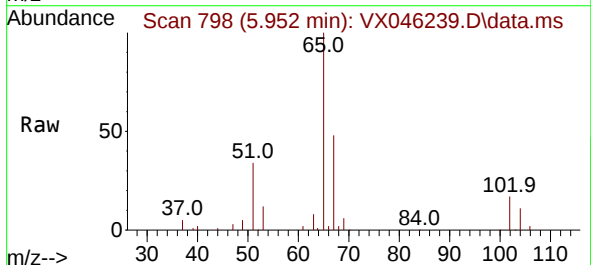
Instrument :
MSVOA_X
ClientSampleId :
L2-WC-4

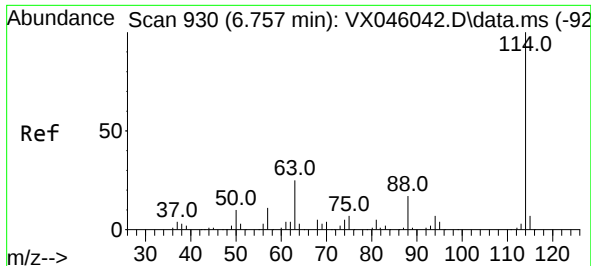
Tgt Ion: 43 Resp: 5928
Ion Ratio Lower Upper
43 100
72 14.1 18.4 27.6#



#33
1,2-Dichloroethane-d4
Concen: 53.706 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

Tgt Ion: 65 Resp: 63360
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.0

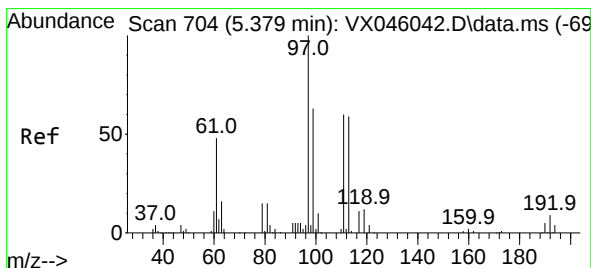
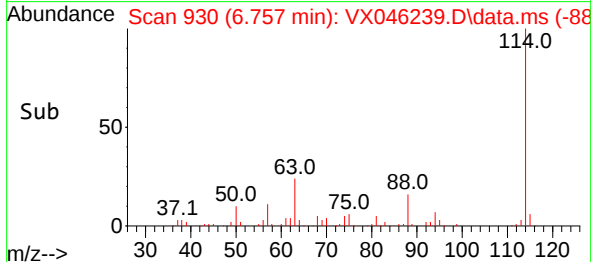
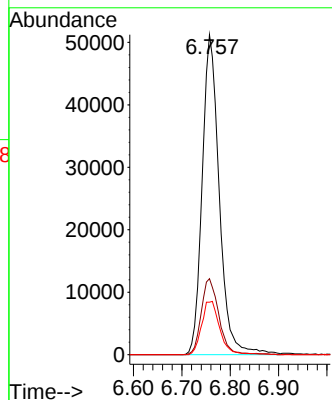
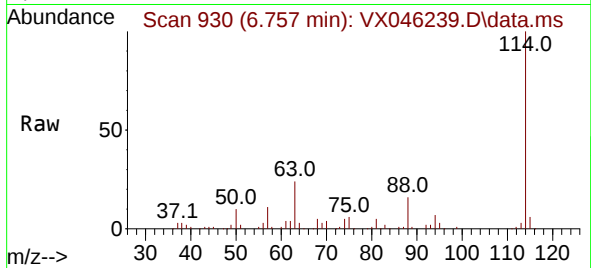




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

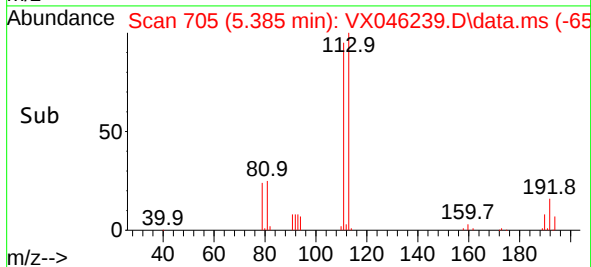
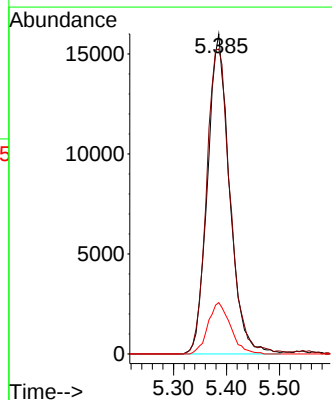
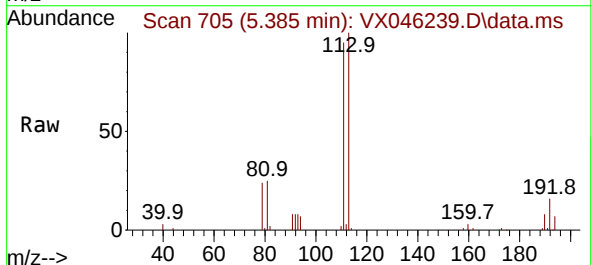
Instrument :
MSVOA_X
ClientSampleId :
L2-WC-4

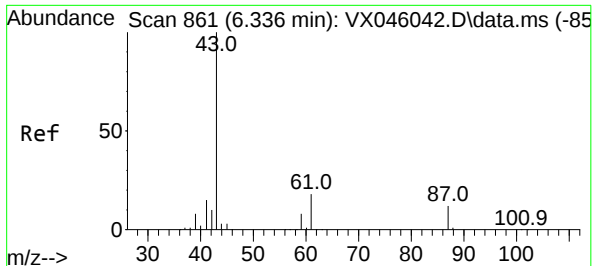
Tgt Ion:114 Resp: 125976
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 16.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.937 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

Tgt Ion:113 Resp: 46208
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 16.4 13.3 19.9

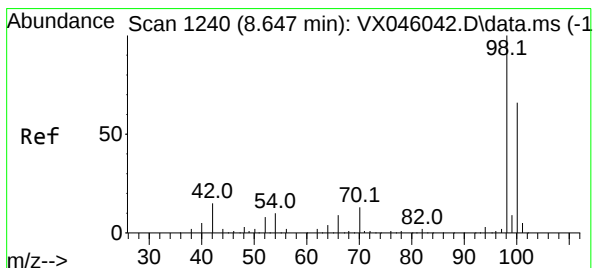
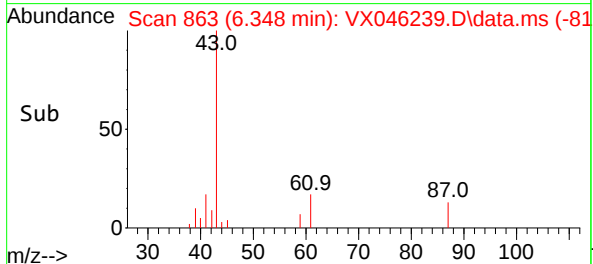
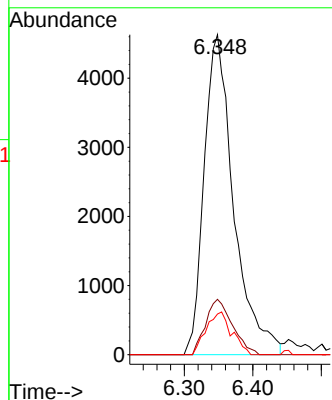
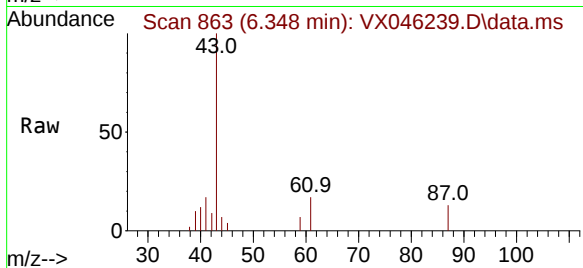




#43
Isopropyl Acetate
Concen: 6.032 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

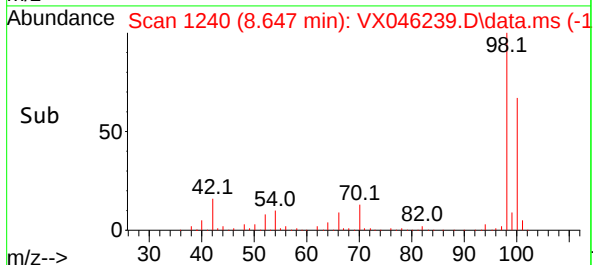
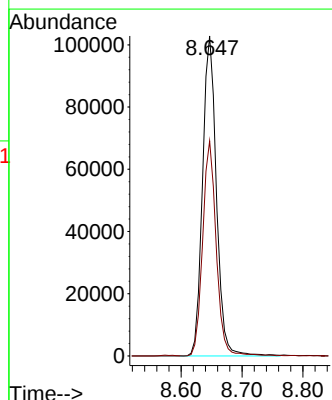
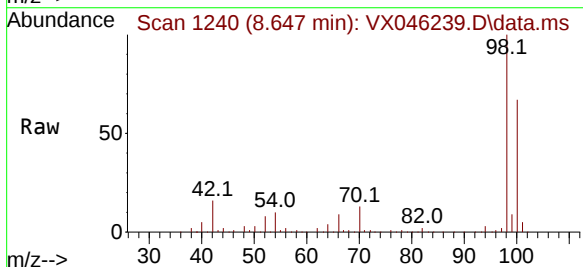
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L2-WC-4

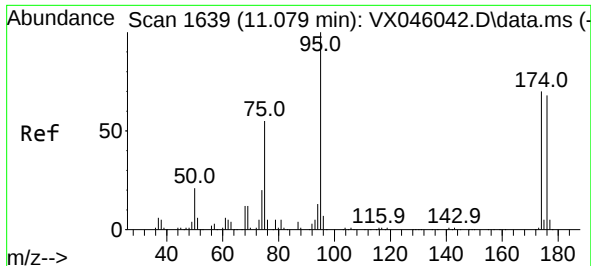
Tgt Ion: 43 Resp: 13857
Ion Ratio Lower Upper
43 100
61 15.7 14.3 21.5
87 11.6 9.5 14.3



#50
Toluene-d8
Concen: 51.940 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

Tgt Ion: 98 Resp: 163082
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

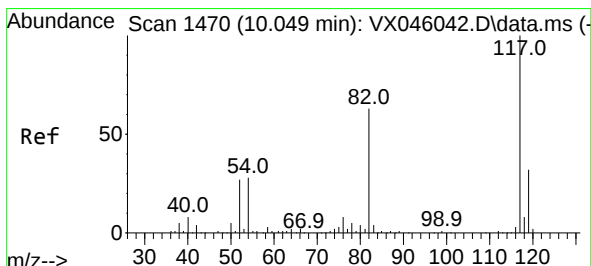
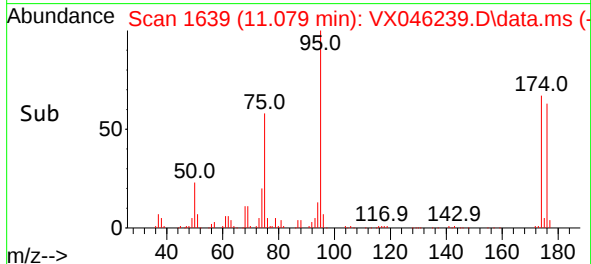
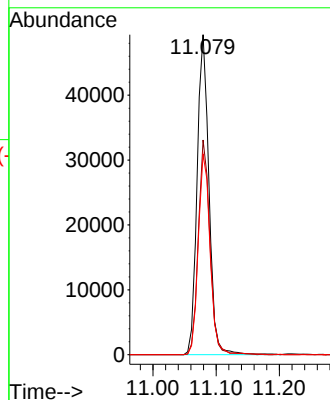
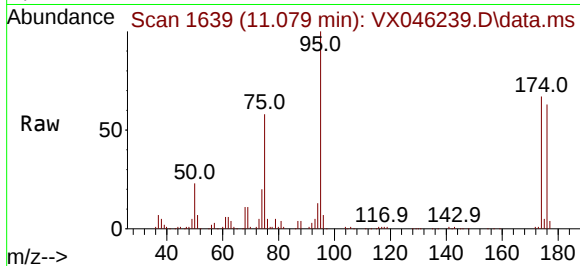




#62
4-Bromofluorobenzene
Concen: 53.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

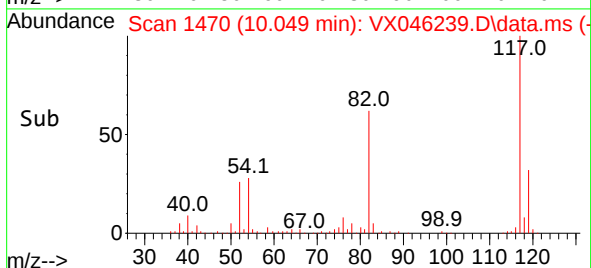
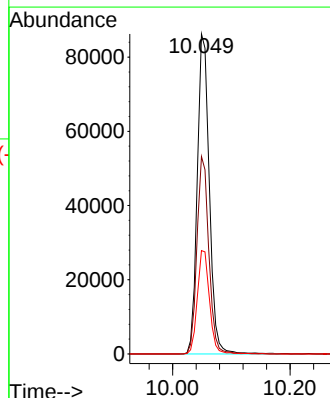
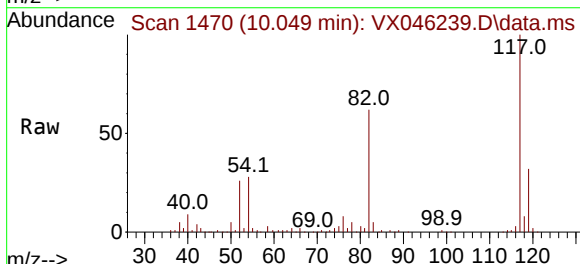
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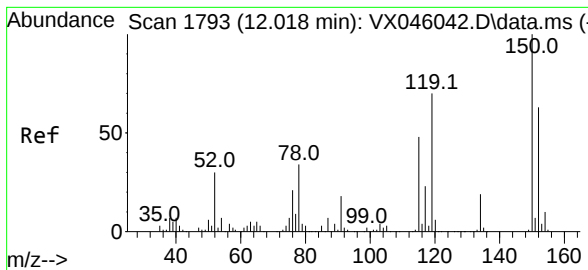
Tgt Ion: 95 Resp: 64277
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046239.D
Acq: 16 May 2025 13:45

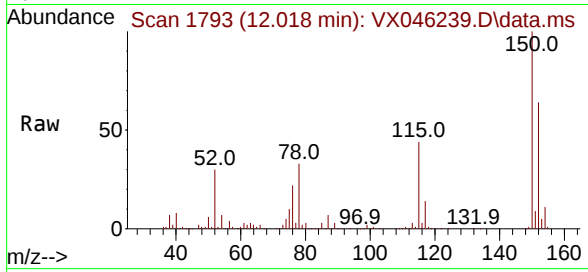
Tgt Ion: 117 Resp: 122657
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046239.D
 Acq: 16 May 2025 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 L2-WC-4



Tgt Ion:152 Resp: 52146
 Ion Ratio Lower Upper
 152 100
 115 66.8 46.9 140.7
 150 158.0 0.0 351.0

