

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046261.D
 Acq On : 19 May 2025 12:40
 Operator : JC/MD
 Sample : Q2052-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-B

Quant Time: May 19 23:09:14 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)

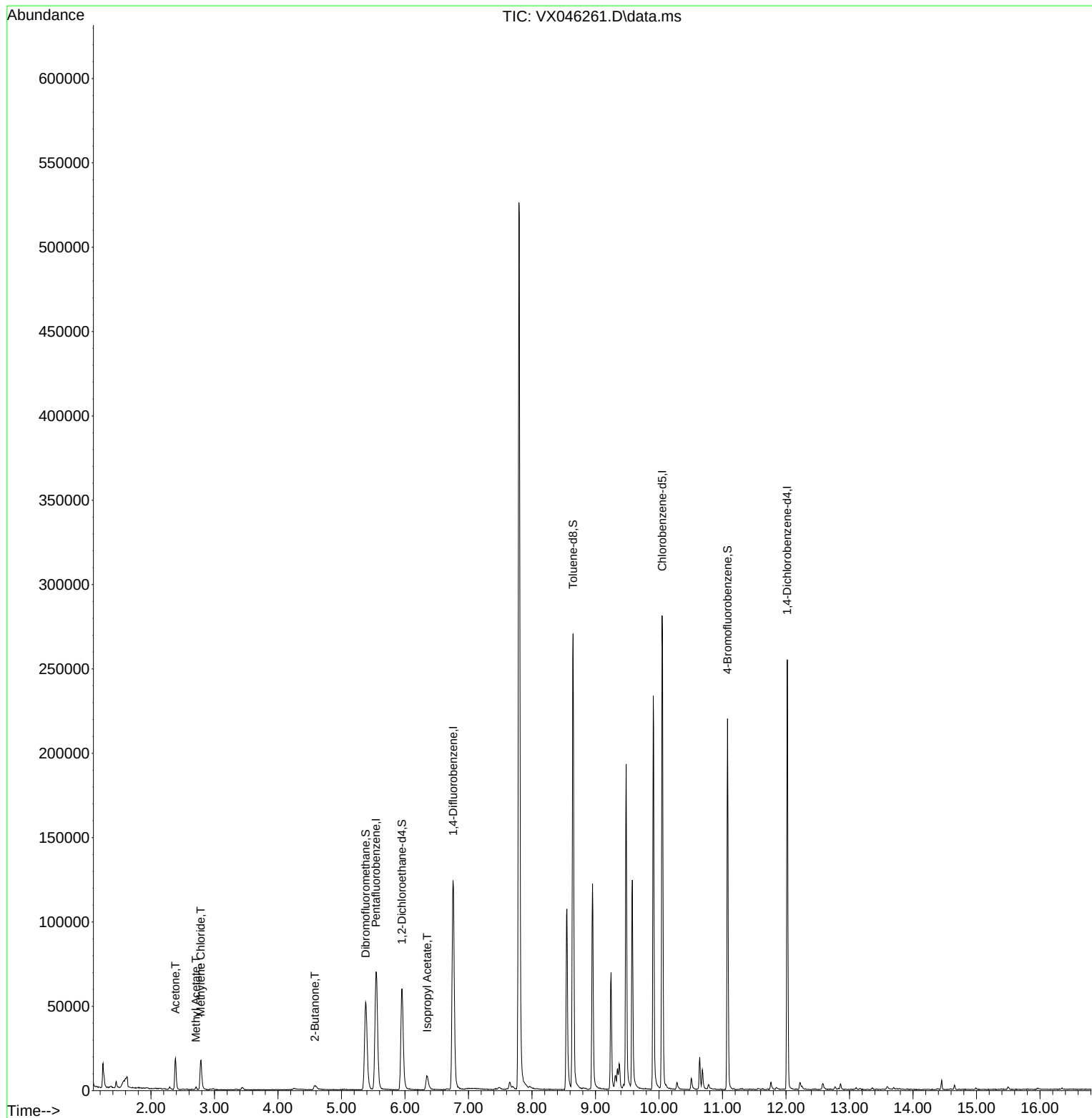
Internal Standards						
1) Pentafluorobenzene	5.544	168	61914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61748	53.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.000%	
35) Dibromofluoromethane	5.379	113	44417	51.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.120%	
50) Toluene-d8	8.647	98	152369	51.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	11.079	95	57812	50.545	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	20724	44.779	ug/l	100
18) Methyl Acetate	2.709	43	1740	1.620	ug/l	98
20) Methylene Chloride	2.782	84	8756	9.873	ug/l #	83
25) 2-Butanone	4.581	43	5657	8.419	ug/l	98
43) Isopropyl Acetate	6.349	43	12942	5.932	ug/l	97

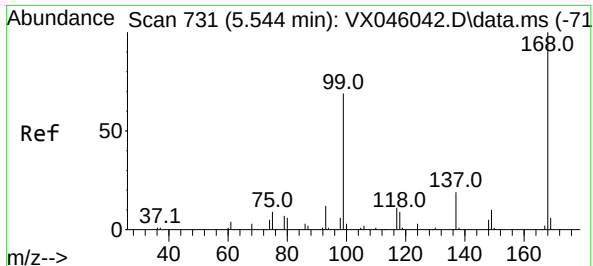
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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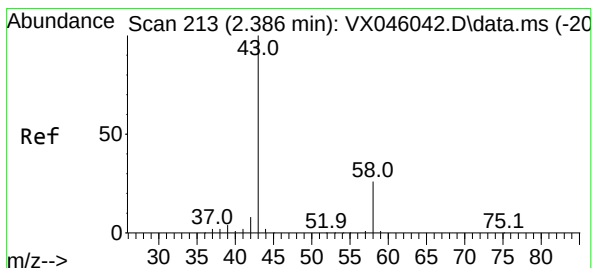
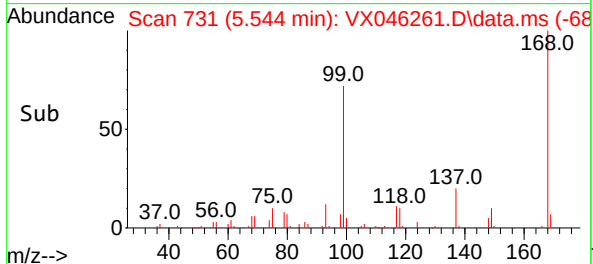
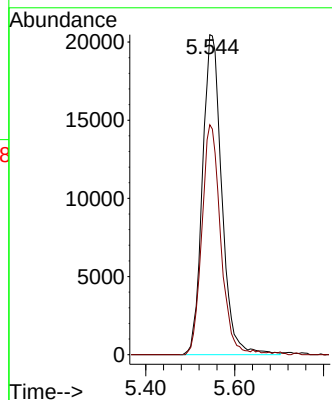
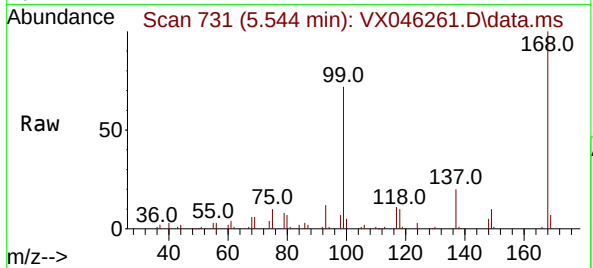




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

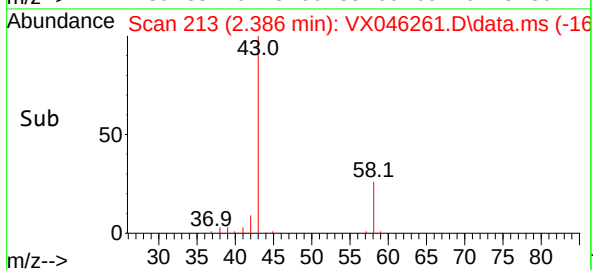
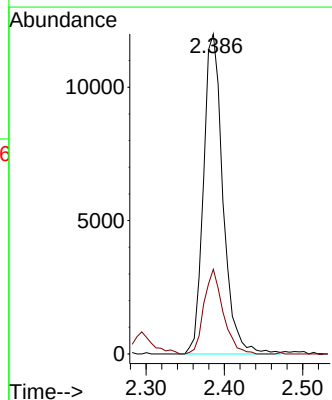
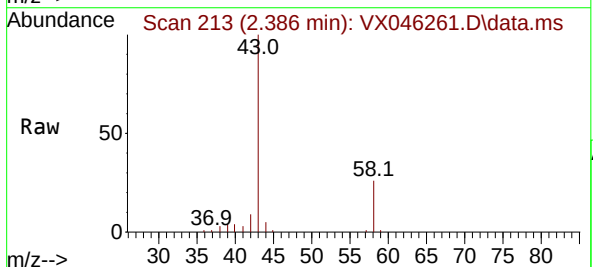
Instrument :
MSVOA_X
ClientSampleId :
TP-B

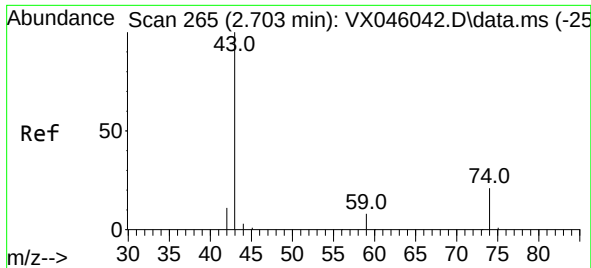
Tgt Ion:168 Resp: 61914
Ion Ratio Lower Upper
168 100
99 71.9 54.9 82.3



#16
Acetone
Concen: 44.779 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

Tgt Ion: 43 Resp: 20724
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8

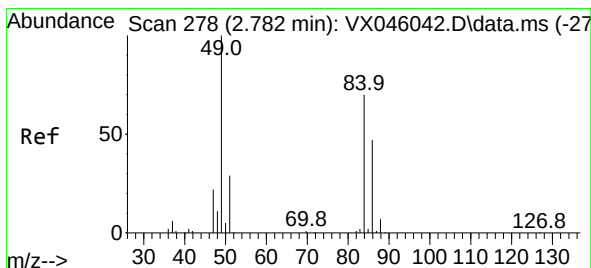
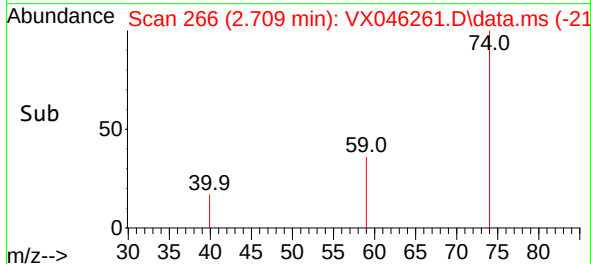
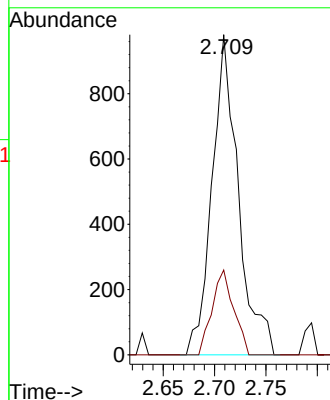
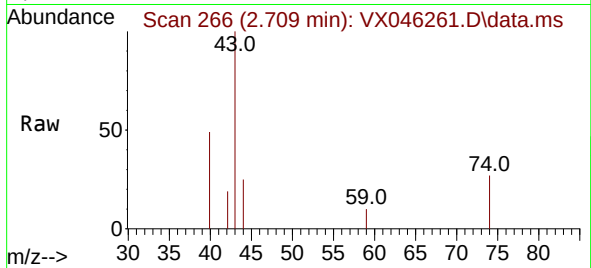




#18
Methyl Acetate
Concen: 1.620 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

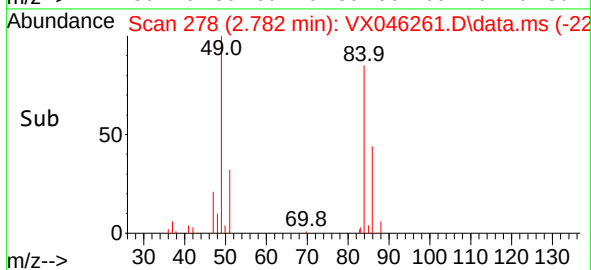
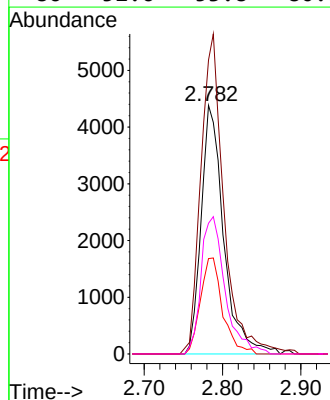
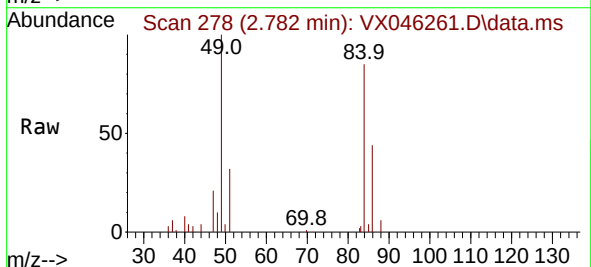
Instrument :
MSVOA_X
ClientSampleId :
TP-B

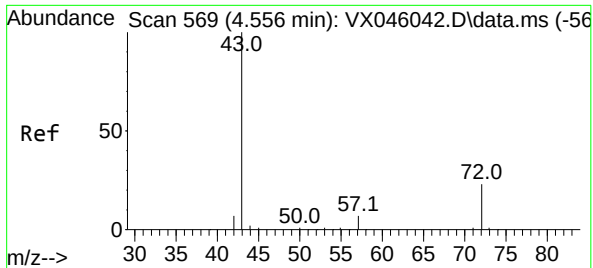
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1



#20
Methylene Chloride
Concen: 9.873 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

Tgt Ion: 84 Resp: 8756
Ion Ratio Lower Upper
84 100
49 118.3 113.9 170.9
51 38.4 33.5 50.3
86 52.6 53.8 80.8#

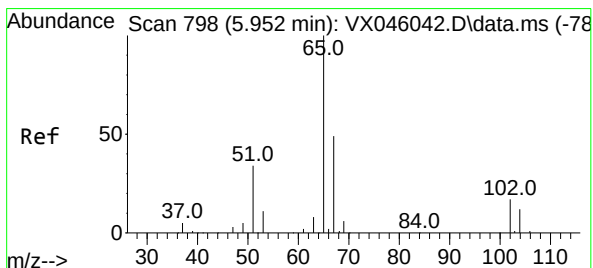
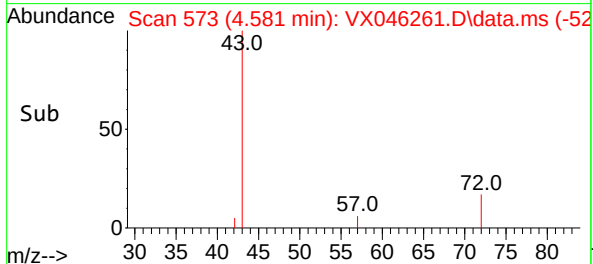
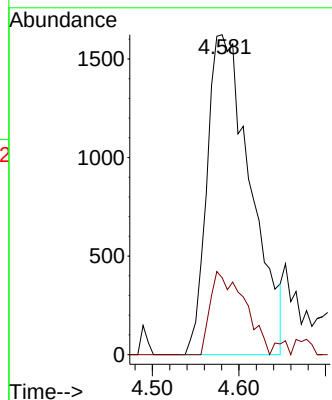
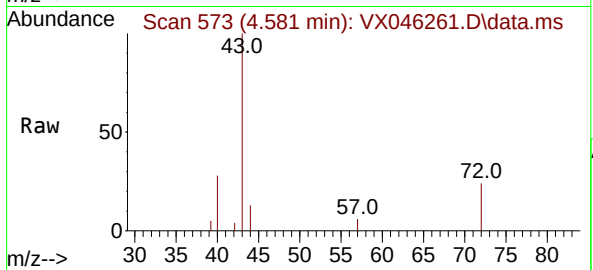




#25
2-Butanone
Concen: 8.419 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

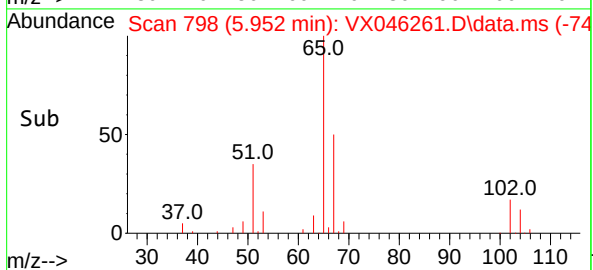
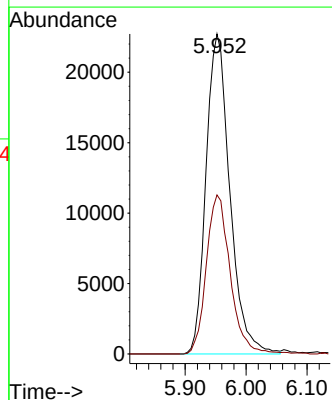
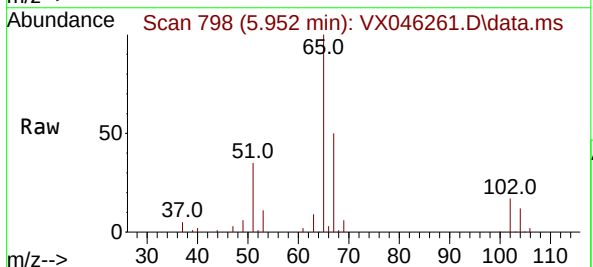
Instrument :
MSVOA_X
ClientSampleId :
TP-B

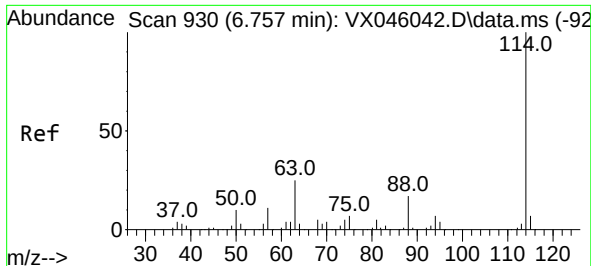
Tgt Ion: 43 Resp: 5657
Ion Ratio Lower Upper
43 100
72 24.0 18.4 27.6



#33
1,2-Dichloroethane-d4
Concen: 53.495 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

Tgt Ion: 65 Resp: 61748
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

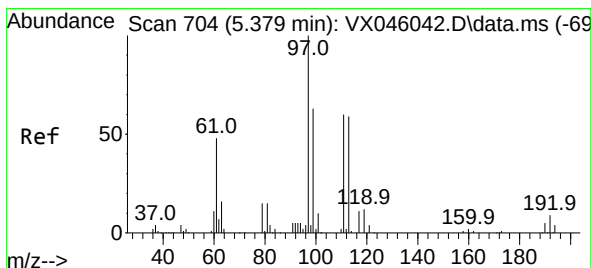
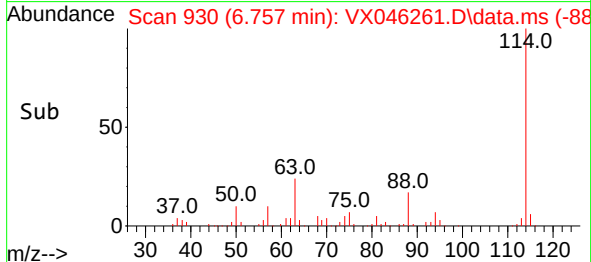
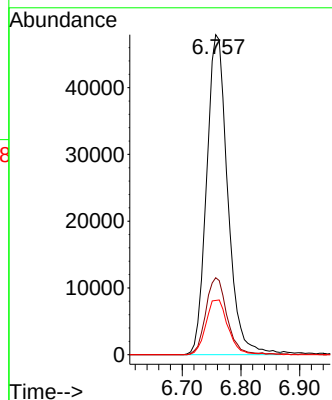
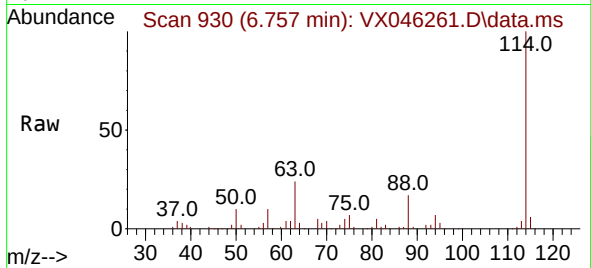




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046261.D
 Acq: 19 May 2025 12:40

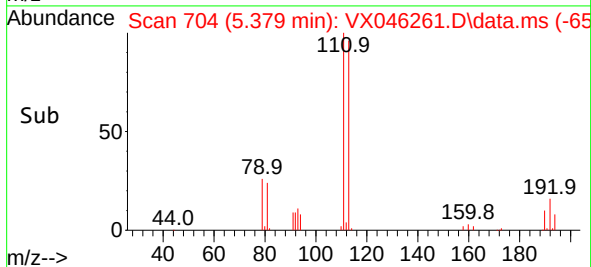
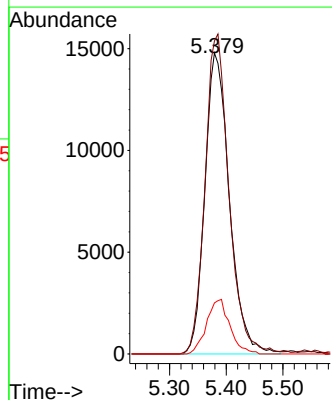
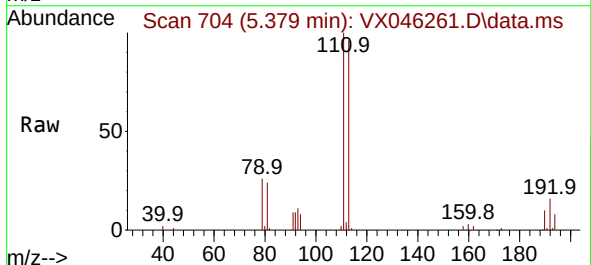
Instrument :
 MSVOA_X
 ClientSampleId :
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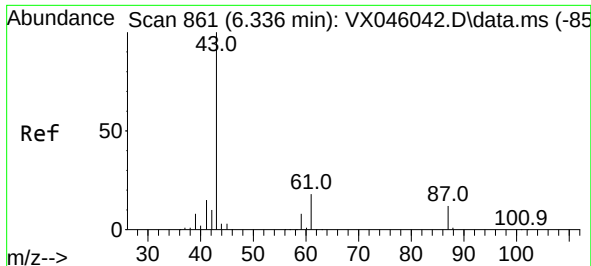
Tgt Ion:114 Resp: 119637
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 51.557 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX046261.D
 Acq: 19 May 2025 12:40

Tgt Ion:113 Resp: 44417
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.1 124.7
 192 17.2 13.3 19.9

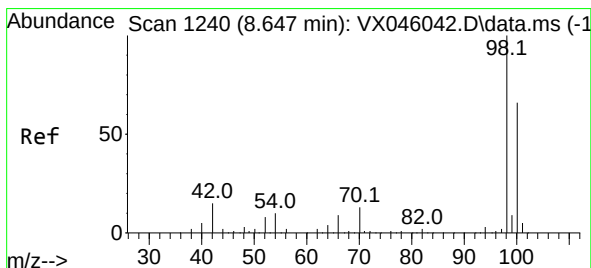
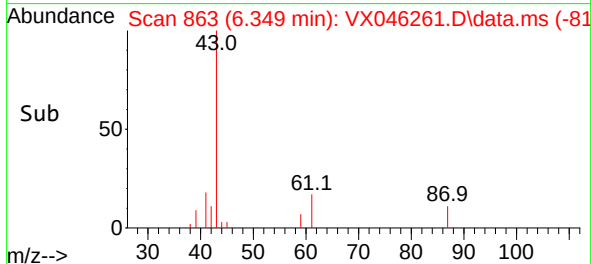
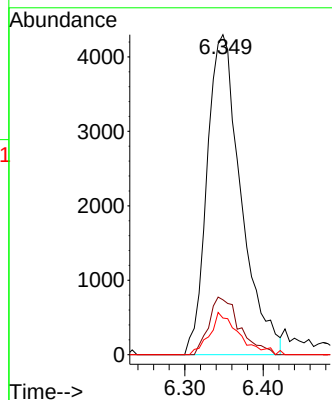
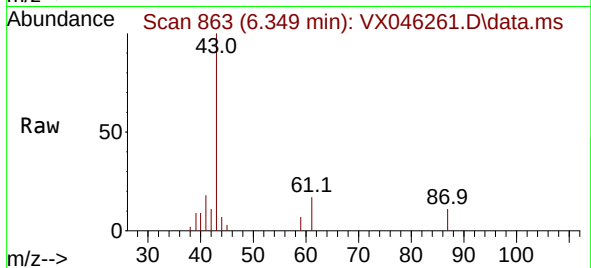




#43
Isopropyl Acetate
Concen: 5.932 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

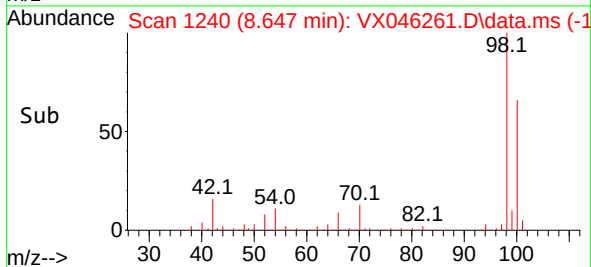
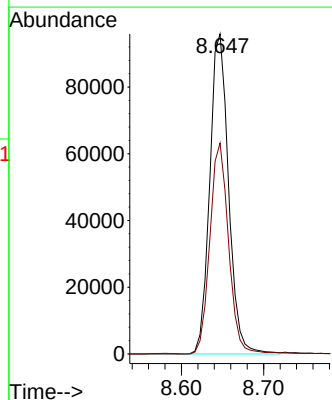
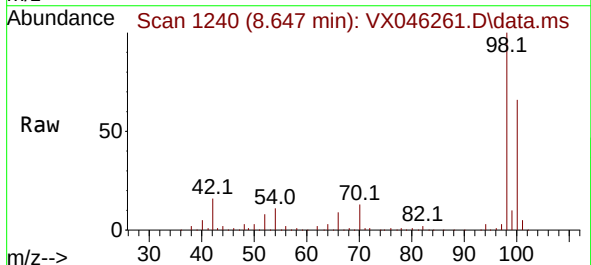
Instrument :
MSVOA_X
ClientSampleId :
TP-B

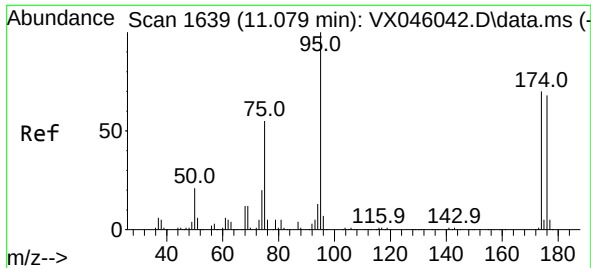
Tgt Ion: 43 Resp: 12942
Ion Ratio Lower Upper
43 100
61 16.3 14.3 21.5
87 11.5 9.5 14.3



#50
Toluene-d8
Concen: 51.099 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

Tgt Ion: 98 Resp: 152369
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

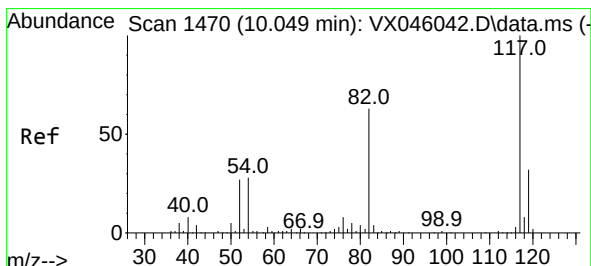
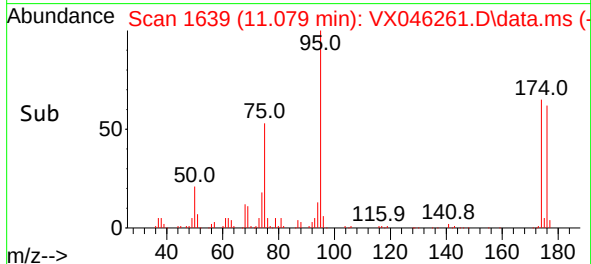
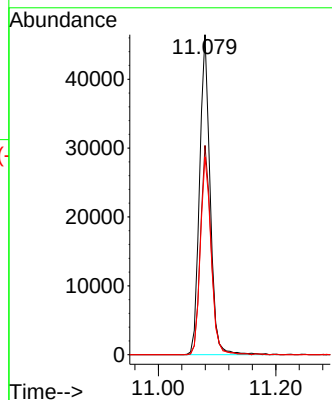
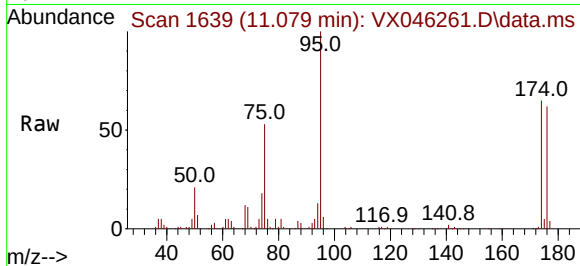




#62
4-Bromofluorobenzene
Concen: 50.545 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

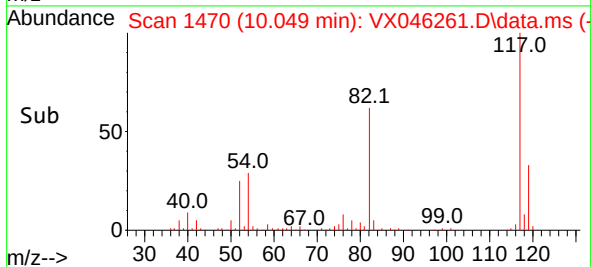
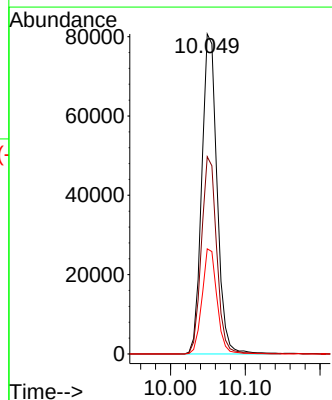
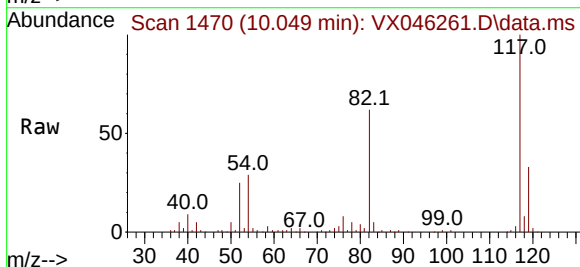
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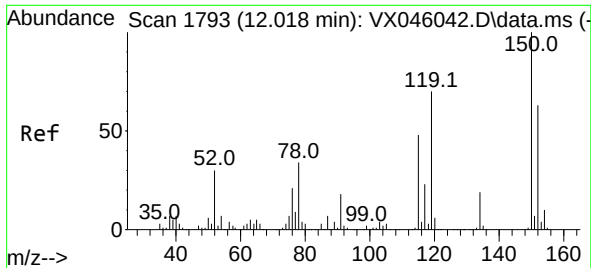
Tgt Ion: 95 Resp: 57812
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 63.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

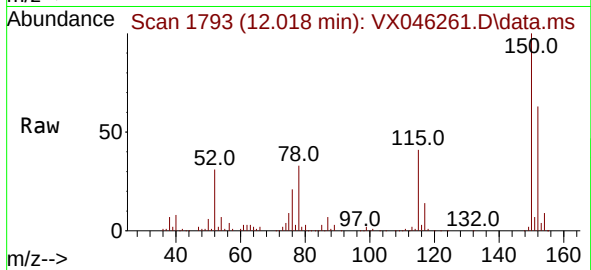
Tgt Ion: 117 Resp: 114429
Ion Ratio Lower Upper
117 100
82 61.6 50.6 76.0
119 32.9 25.8 38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046261.D
Acq: 19 May 2025 12:40

Instrument :
MSVOA_X
ClientSampleId :
TP-B



Tgt Ion:152 Resp: 45468
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.2 0.0 351.0

