

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046414.D
 Acq On : 30 May 2025 12:18
 Operator : JC/MD
 Sample : PB168191TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

Quant Time: May 30 23:25:25 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)

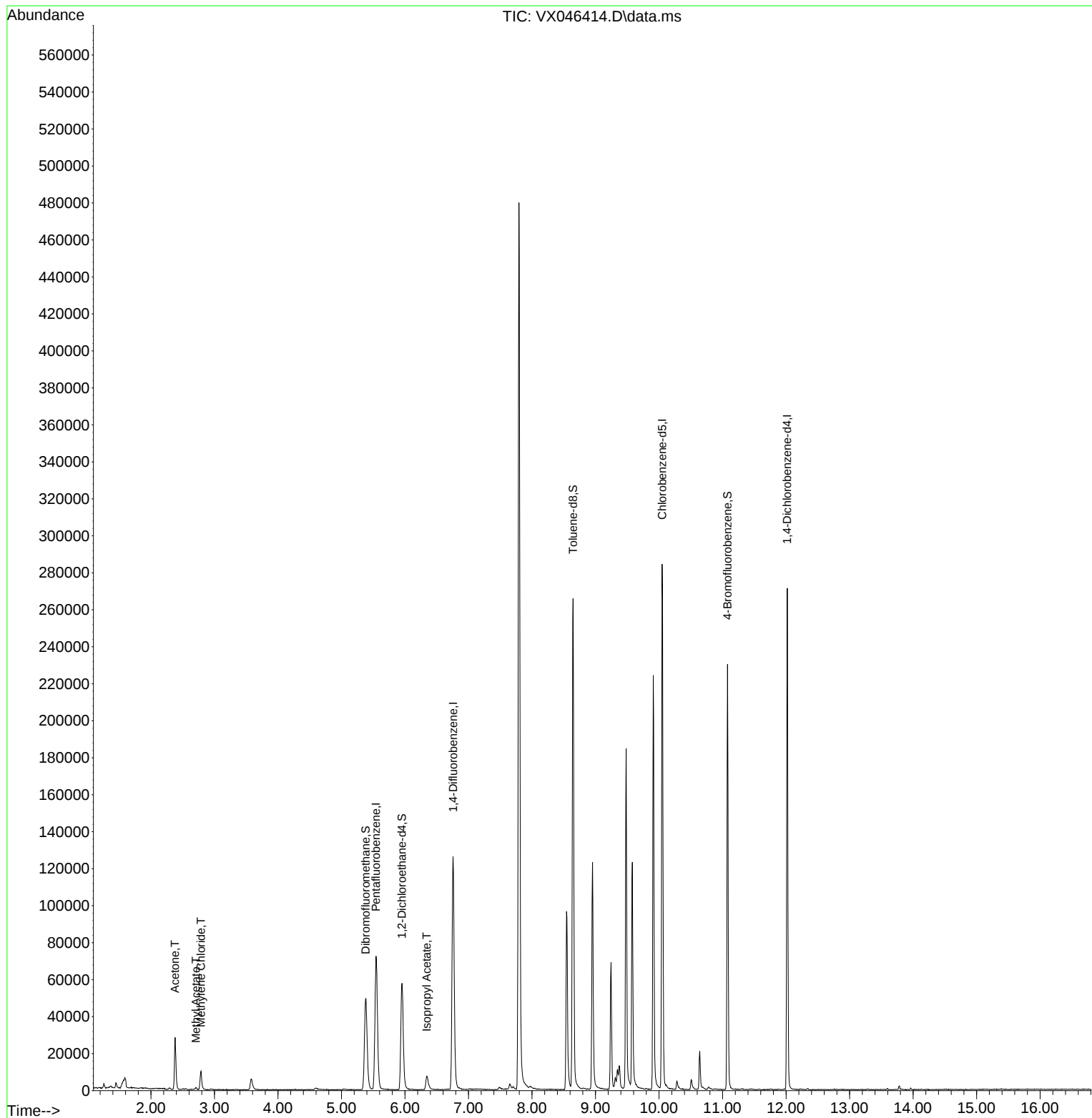
Internal Standards						
1) Pentafluorobenzene	5.544	168	59922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60371	54.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.080%	
35) Dibromofluoromethane	5.379	113	43701	50.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.700%	
50) Toluene-d8	8.647	98	154072	51.801	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.079	95	58549	51.318	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	30025	67.032	ug/l	99
18) Methyl Acetate	2.709	43	1623	1.561	ug/l	93
20) Methylene Chloride	2.788	84	4493	5.234	ug/l #	95
43) Isopropyl Acetate	6.342	43	11813	5.428	ug/l #	91

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

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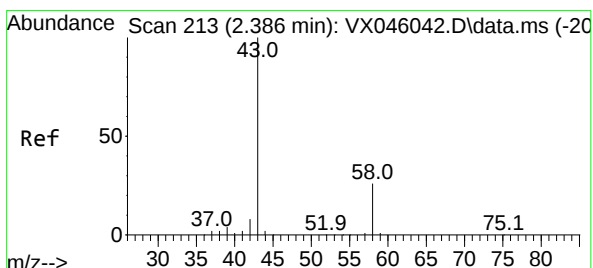
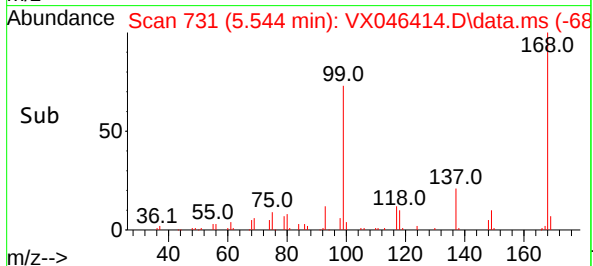
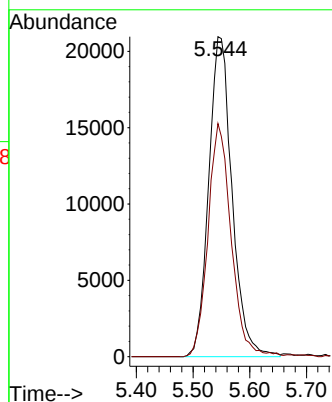
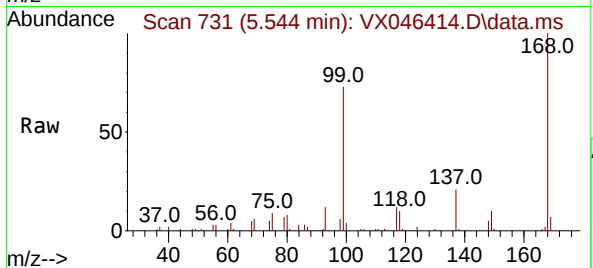




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

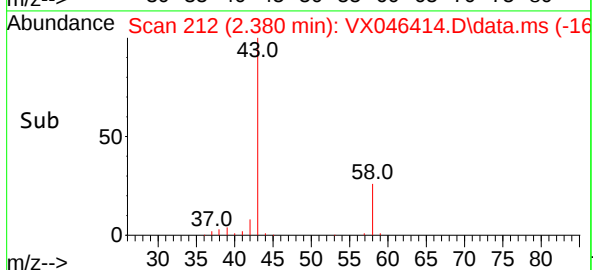
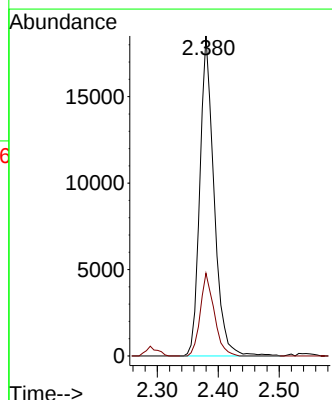
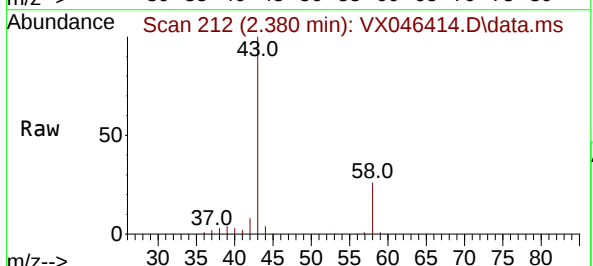
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

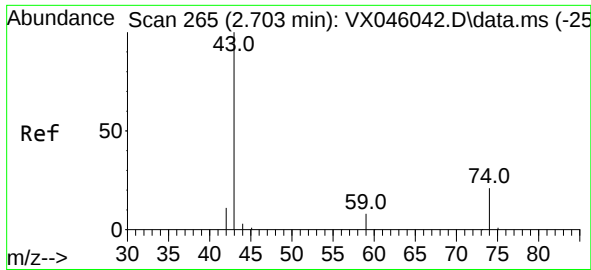
Tgt Ion:168 Resp: 59922
Ion Ratio Lower Upper
168 100
99 72.9 54.9 82.3



#16
Acetone
Concen: 67.032 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 43 Resp: 30025
Ion Ratio Lower Upper
43 100
58 25.8 21.2 31.8

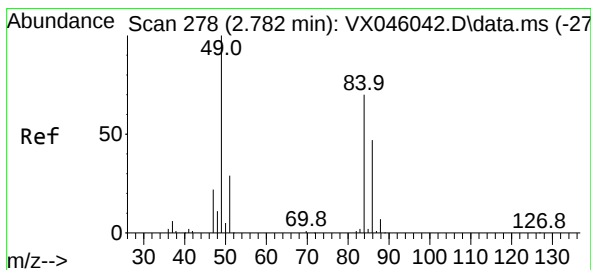
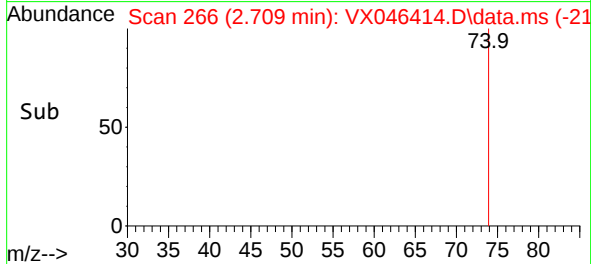
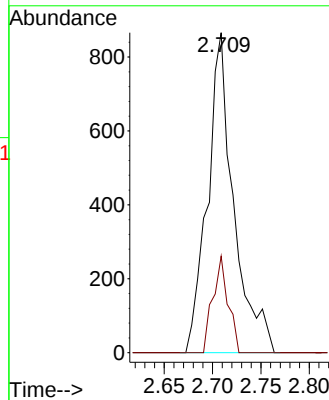
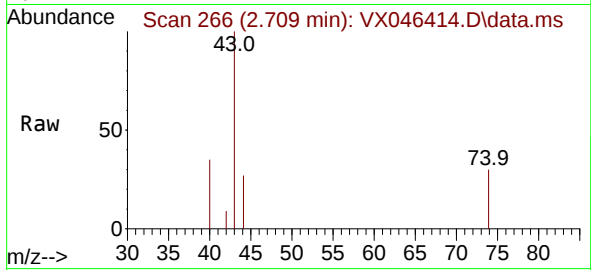




#18
Methyl Acetate
Concen: 1.561 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

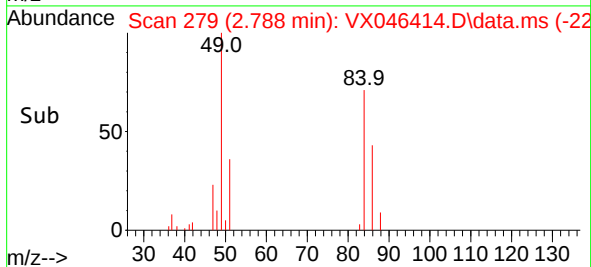
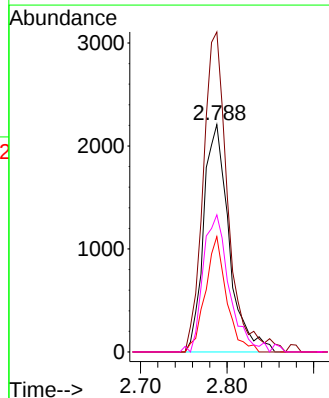
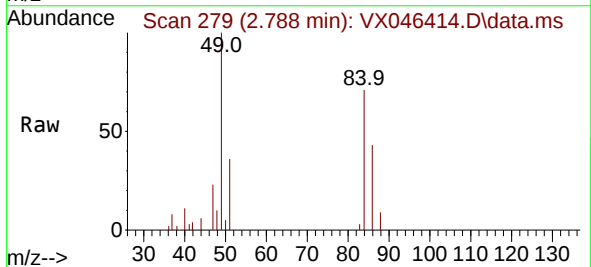
Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
74 17.7 16.7 25.1



#20
Methylene Chloride
Concen: 5.234 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 84 Resp: 4493
Ion Ratio Lower Upper
84 100
49 140.7 113.9 170.9
51 50.7 33.5 50.3#
86 60.3 53.8 80.8

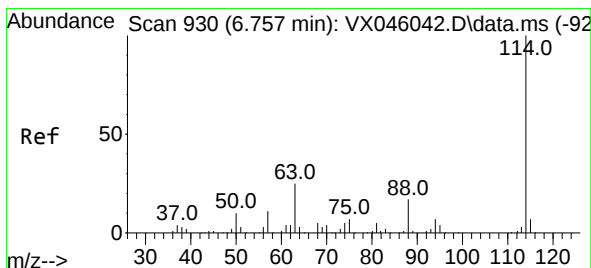
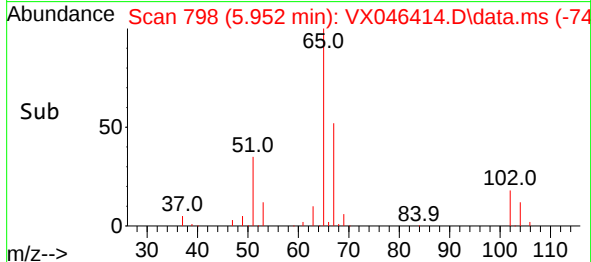
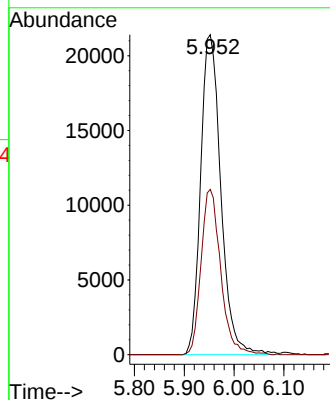
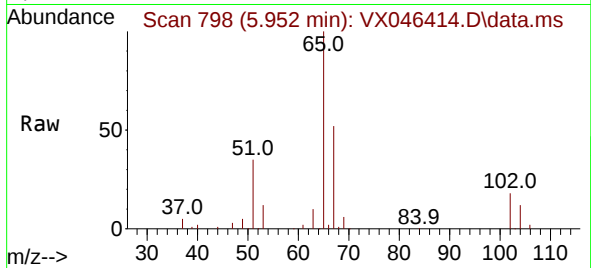




#33
 1,2-Dichloroethane-d4
 Concen: 54.041 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

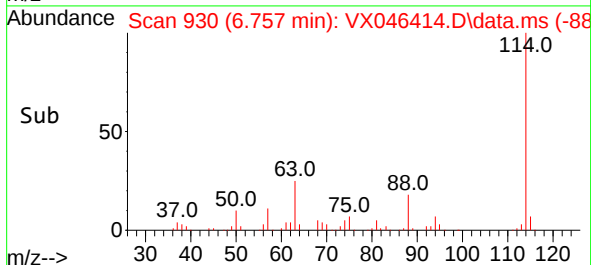
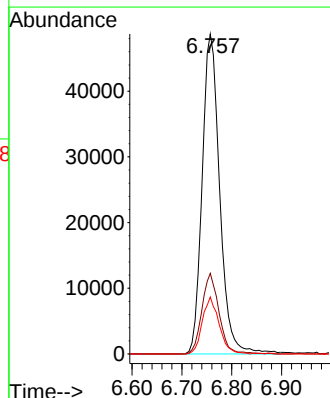
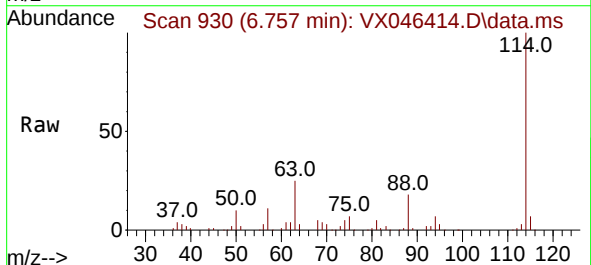
Instrument :
 MSVOA_X
 ClientSampleId :
 PB168191TB

Tgt Ion: 65 Resp: 60371
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046414.D
 Acq: 30 May 2025 12:18

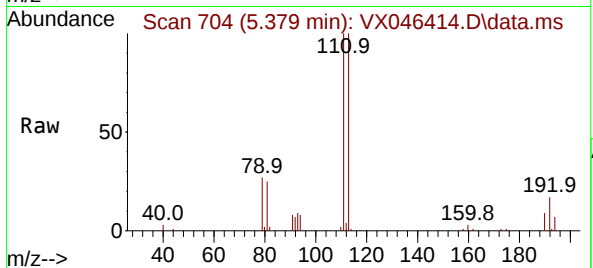
Tgt Ion: 114 Resp: 119336
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.8 0.0 33.6



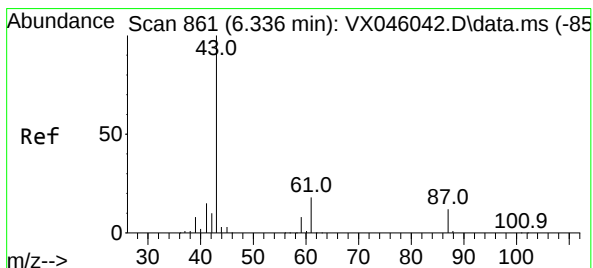
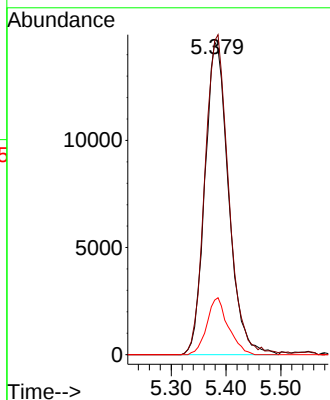
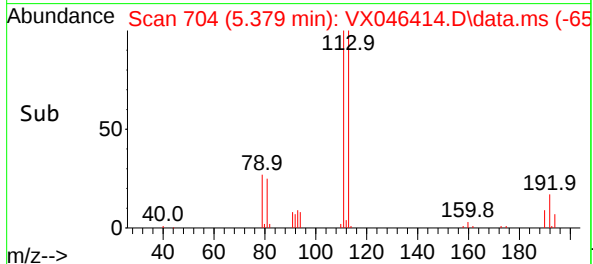


#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

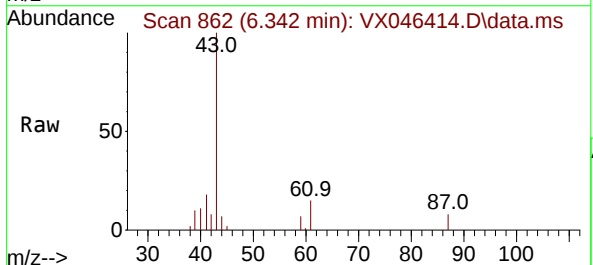
Instrument :
MSVOA_X
ClientSampleId :
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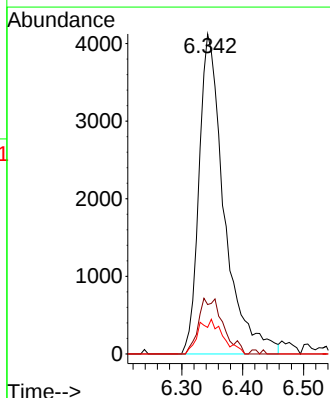
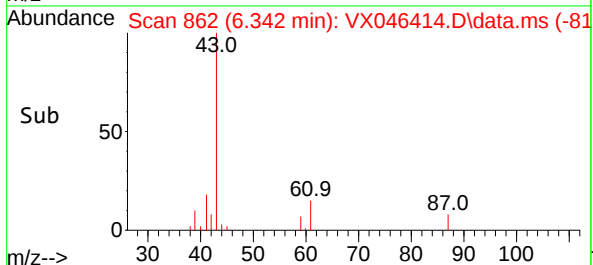
Tgt Ion:113 Resp: 43701
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.5 13.3 19.9



#43
Isopropyl Acetate
Concen: 5.428 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18



Tgt Ion: 43 Resp: 11813
Ion Ratio Lower Upper
43 100
61 16.9 14.3 21.5
87 4.6 9.5 14.3#

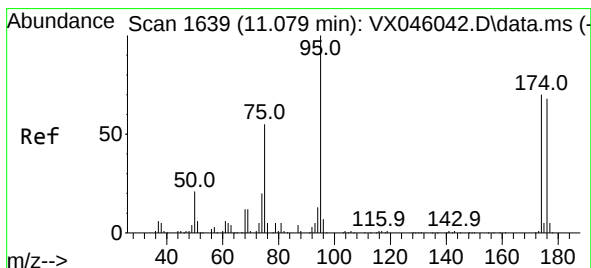
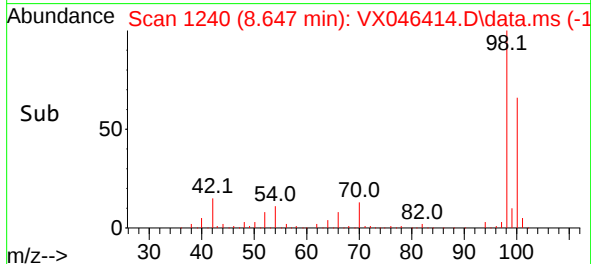
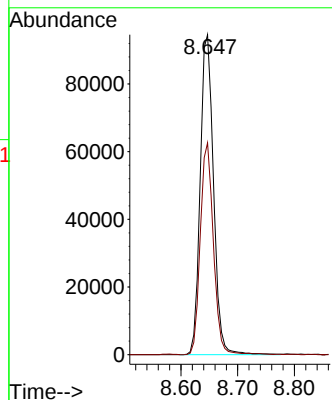
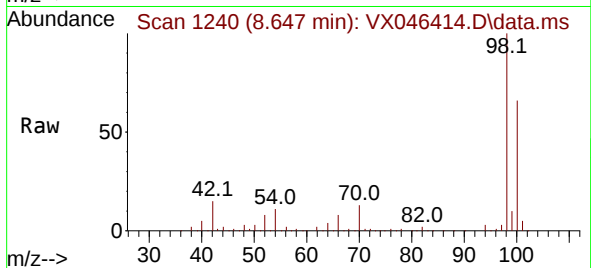




#50
Toluene-d8
Concen: 51.801 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

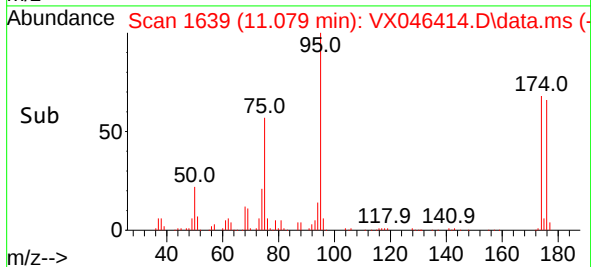
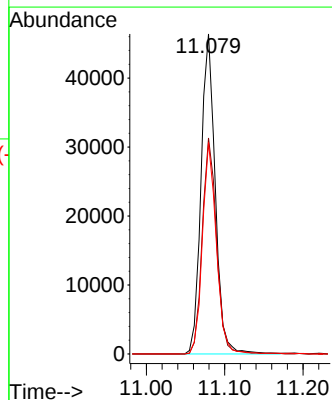
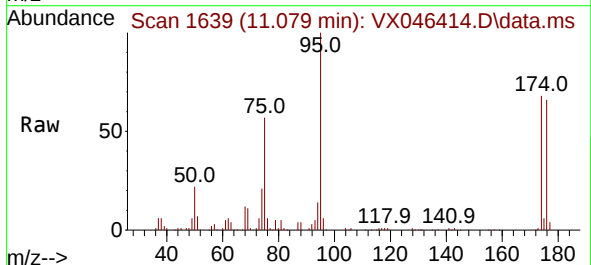
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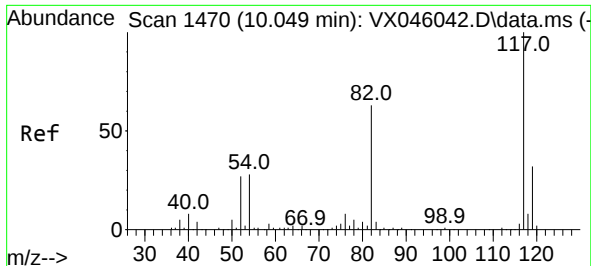
Tgt Ion: 98 Resp: 154072
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion: 95 Resp: 58549
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 64.7 0.0 131.4

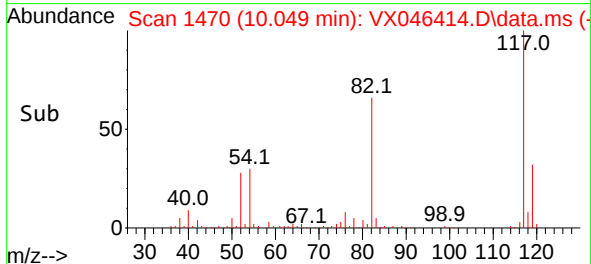
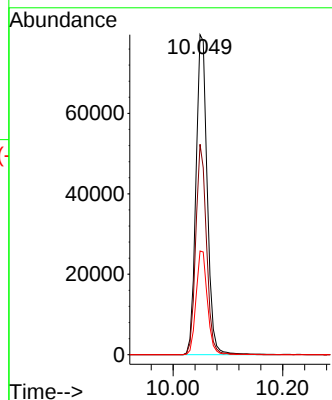
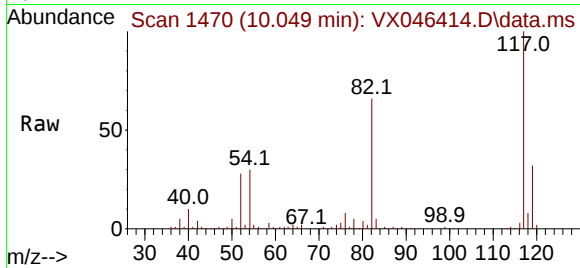




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
PB168191TB

Tgt Ion:117 Resp: 113811
Ion Ratio Lower Upper
117 100
82 65.8 50.6 76.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046414.D
Acq: 30 May 2025 12:18

Tgt Ion:152 Resp: 48567
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.7 0.0 351.0

