

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046140.D
 Acq On : 12 May 2025 15:56
 Operator : JC/MD
 Sample : Q1986-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-8

Quant Time: May 13 03:20:01 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)

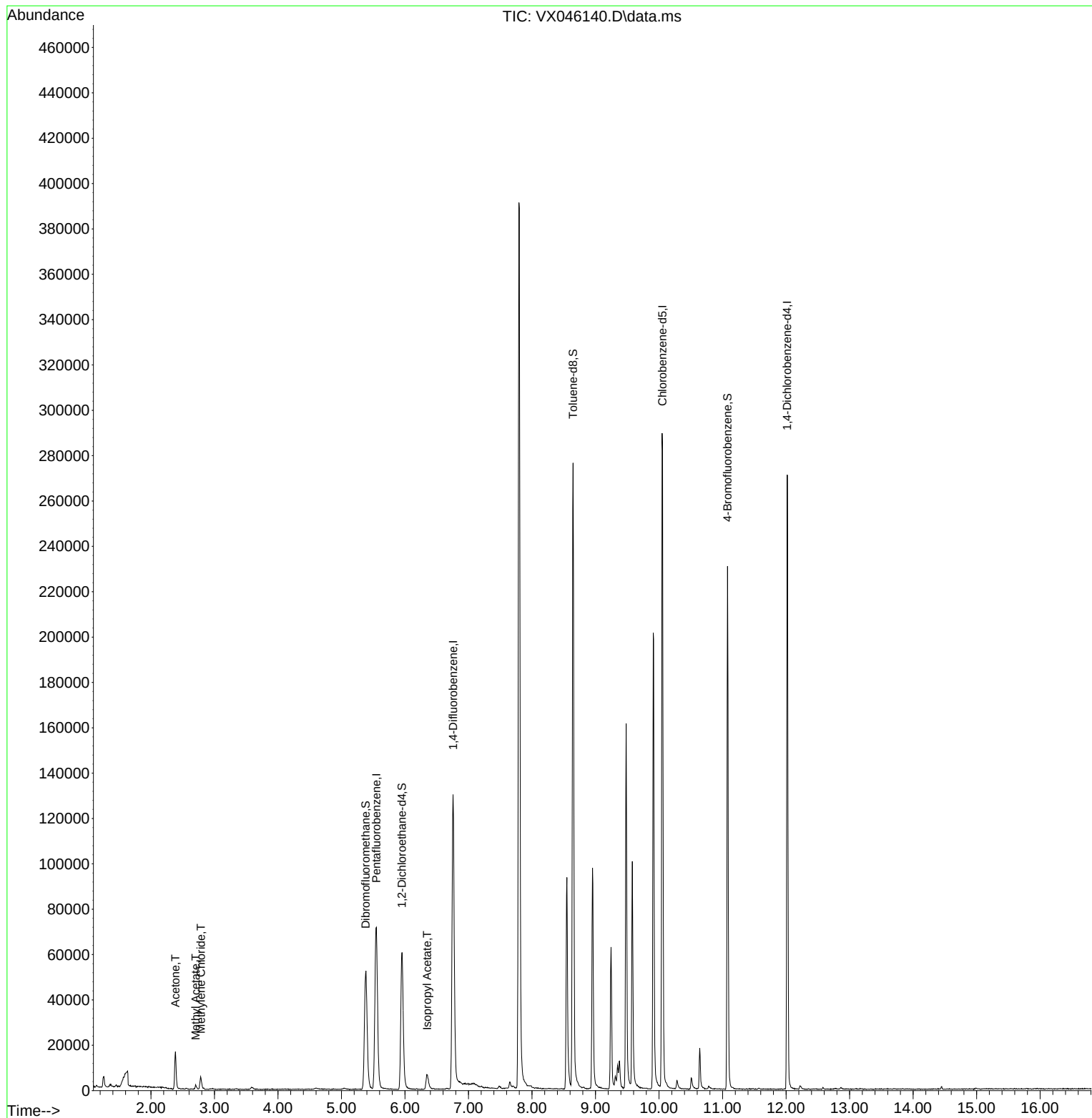
Internal Standards						
1) Pentafluorobenzene	5.550	168	61848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63794	55.327	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.660%		
35) Dibromofluoromethane	5.379	113	46449	51.374	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.740%		
50) Toluene-d8	8.647	98	160746	51.367	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.740%		
62) 4-Bromofluorobenzene	11.079	95	60603	50.487	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.980%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	17807	38.517	ug/l	94
18) Methyl Acetate	2.703	43	2083	1.942	ug/l	97
20) Methylene Chloride	2.788	84	2444	2.759	ug/l	95
43) Isopropyl Acetate	6.348	43	10142	4.429	ug/l	99

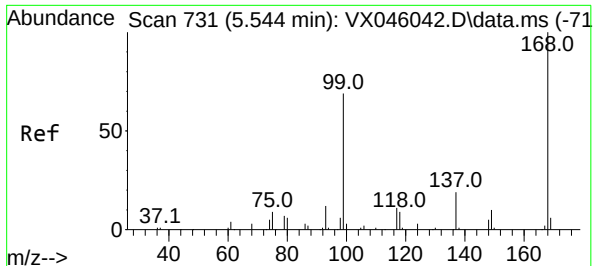
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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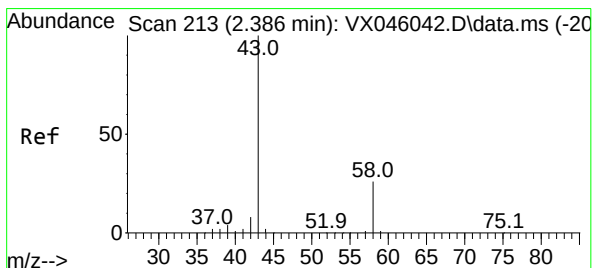
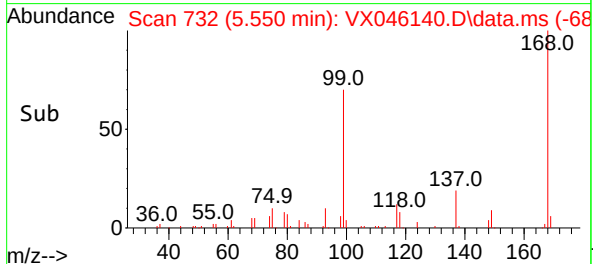
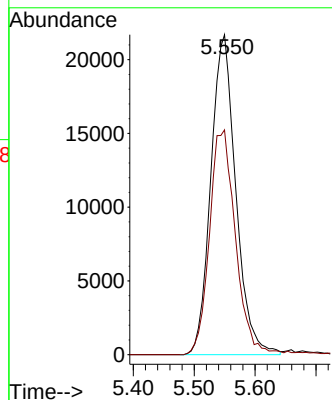
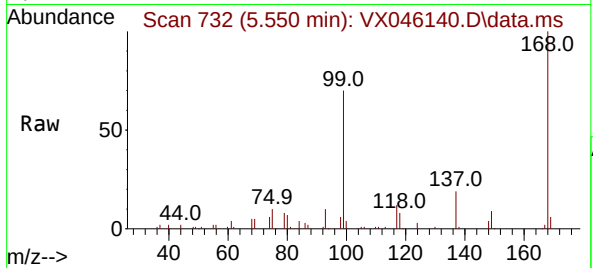




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

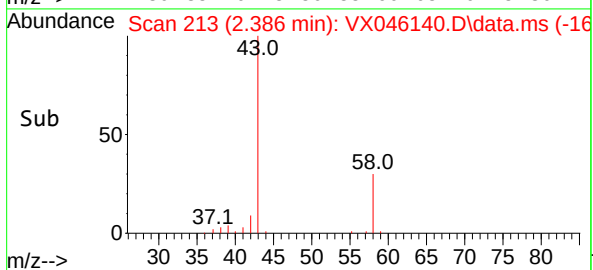
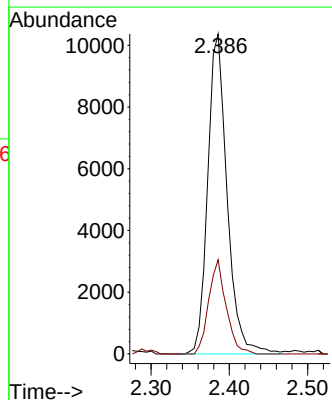
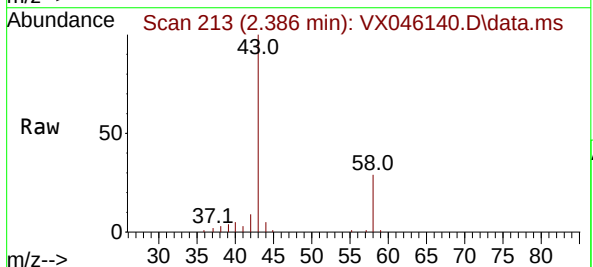
Instrument :
MSVOA_X
ClientSampleId :
COMP-8

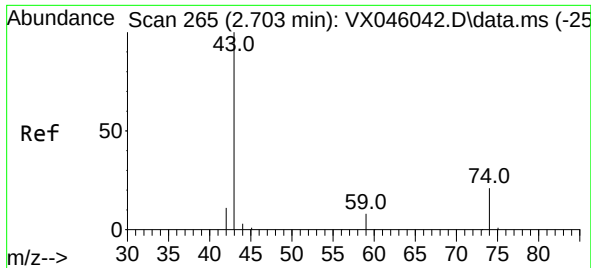
Tgt Ion:168 Resp: 61848
Ion Ratio Lower Upper
168 100
99 70.2 54.9 82.3



#16
Acetone
Concen: 38.517 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

Tgt Ion: 43 Resp: 17807
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8

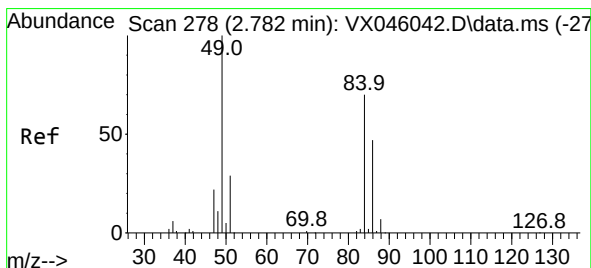
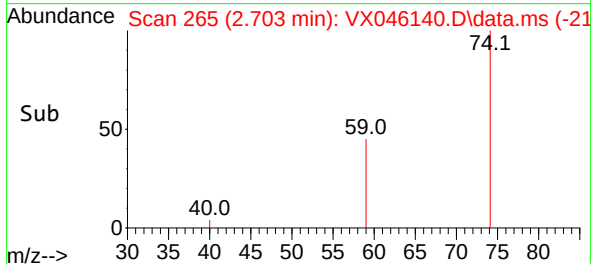
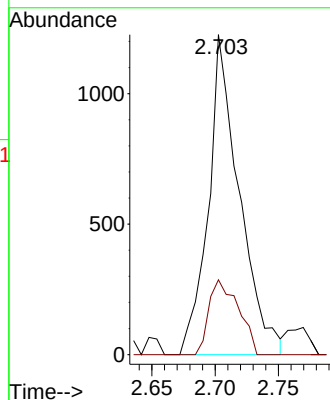
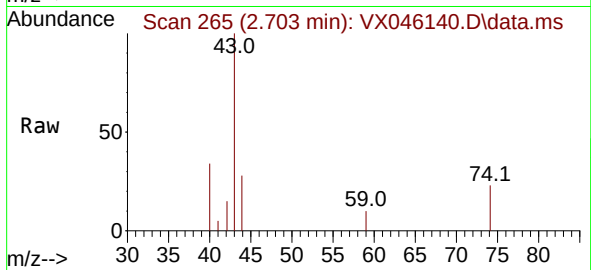




#18
Methyl Acetate
Concen: 1.942 ug/l
RT: 2.703 min Scan# 2083
Delta R.T. -0.000 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

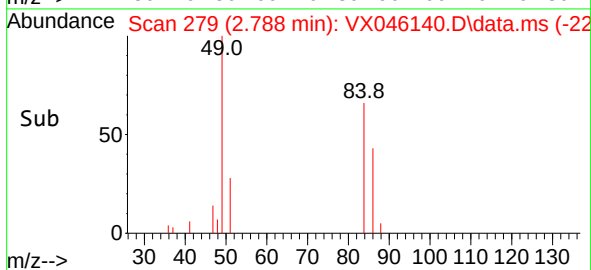
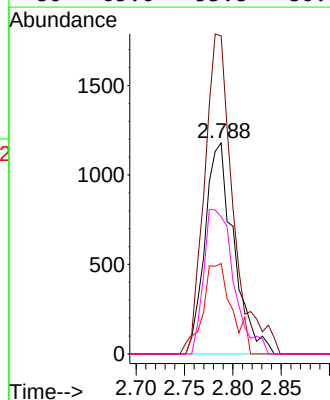
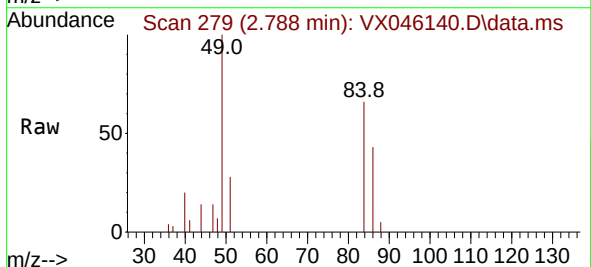
Instrument :
MSVOA_X
ClientSampleId :
COMP-8

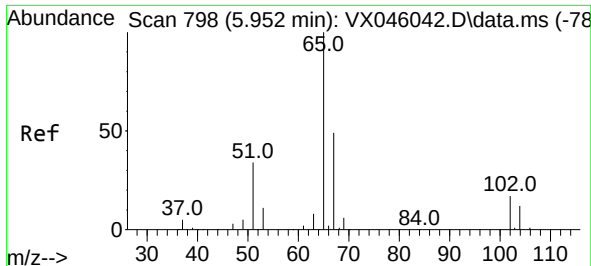
Tgt Ion: 43 Resp: 2083
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1



#20
Methylene Chloride
Concen: 2.759 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

Tgt Ion: 84 Resp: 2444
Ion Ratio Lower Upper
84 100
49 150.8 113.9 170.9
51 42.9 33.5 50.3
86 65.0 53.8 80.8

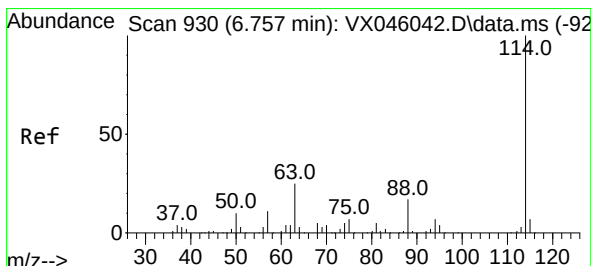
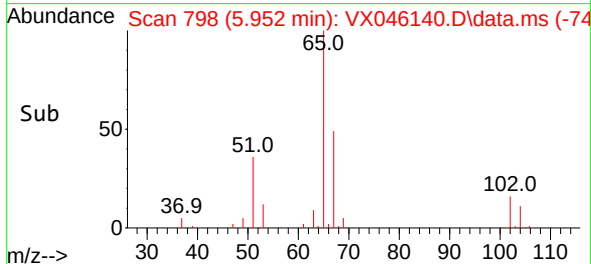
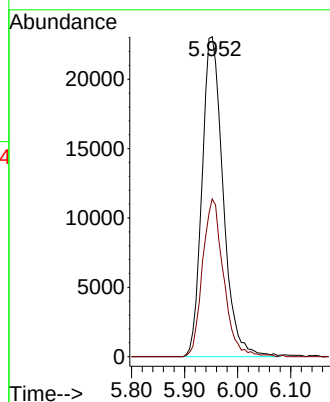
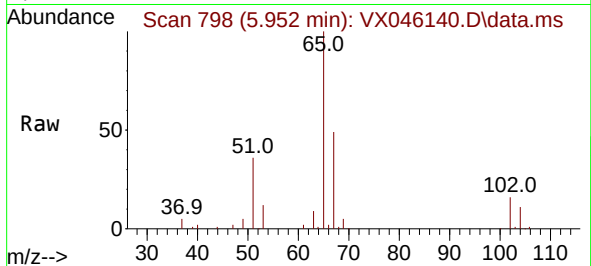




#33
 1,2-Dichloroethane-d4
 Concen: 55.327 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046140.D
 Acq: 12 May 2025 15:56

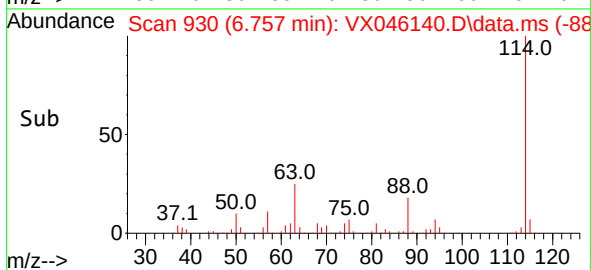
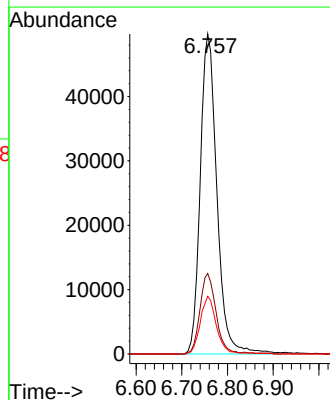
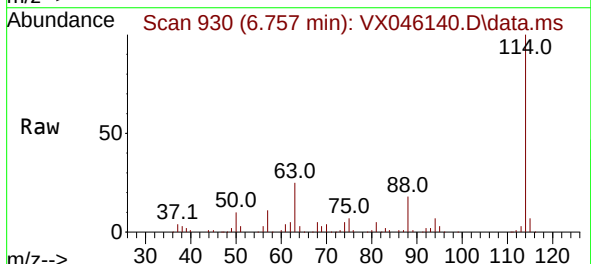
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-8

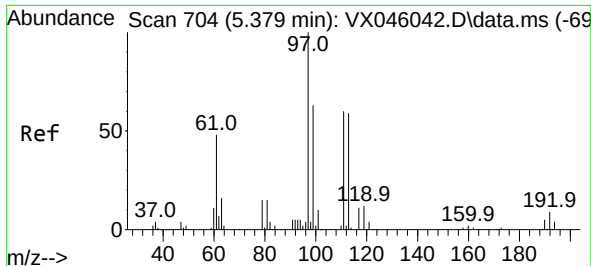
Tgt Ion: 65 Resp: 63794
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046140.D
 Acq: 12 May 2025 15:56

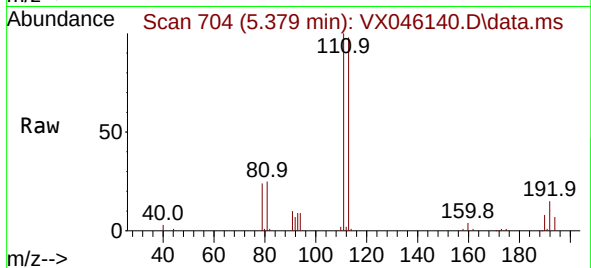
Tgt Ion: 114 Resp: 125557
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 18.0 0.0 33.6



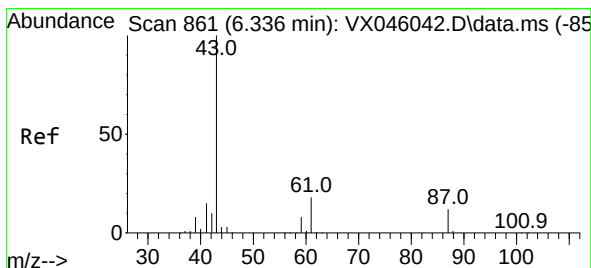
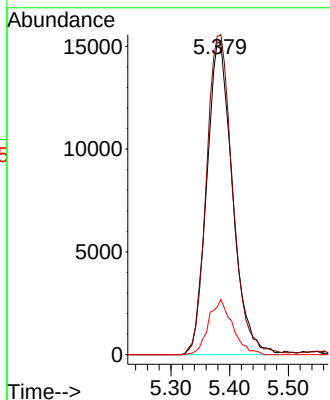
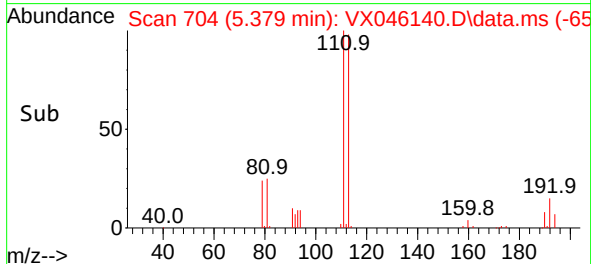


#35
Dibromofluoromethane
Concen: 51.374 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

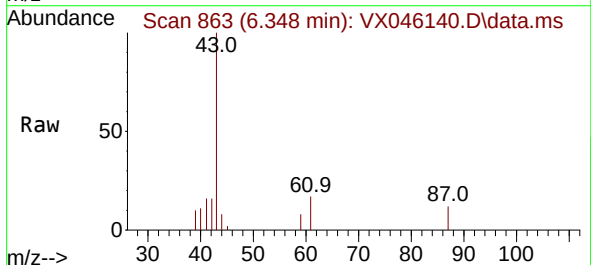
Instrument :
MSVOA_X
ClientSampleId :
COMP-8



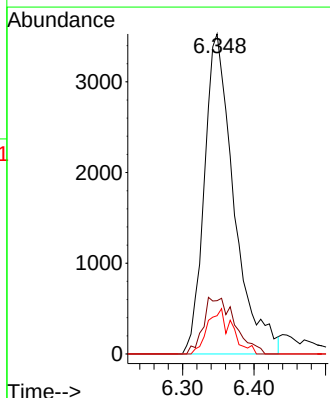
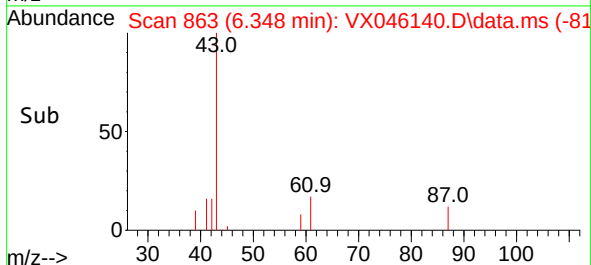
Tgt Ion:113 Resp: 46449
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.4 13.3 19.9

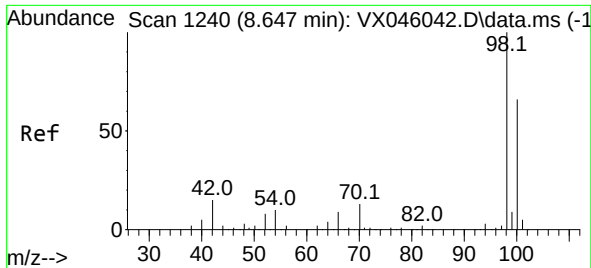


#43
Isopropyl Acetate
Concen: 4.429 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56



Tgt Ion: 43 Resp: 10142
Ion Ratio Lower Upper
43 100
61 18.7 14.3 21.5
87 11.7 9.5 14.3

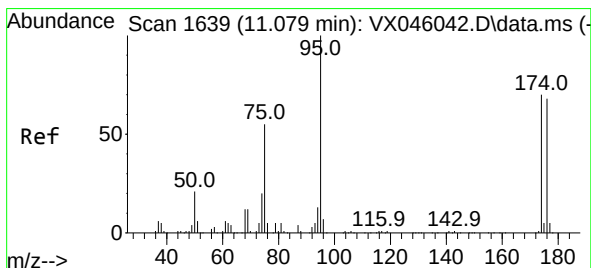
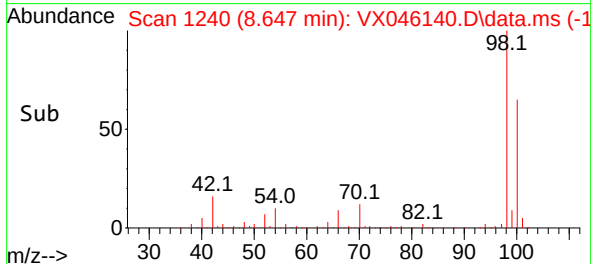
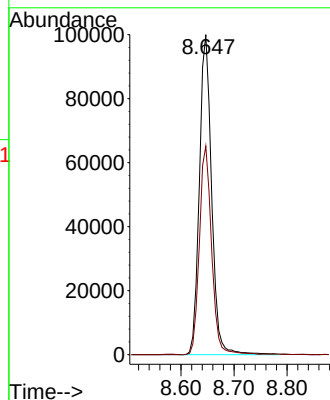
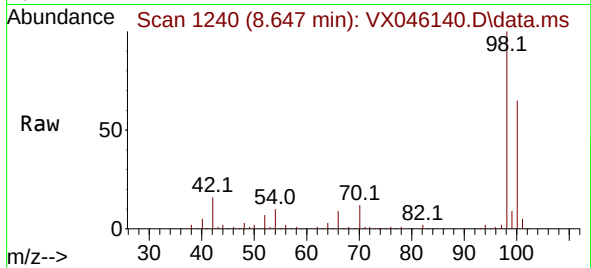




#50
Toluene-d8
Concen: 51.367 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

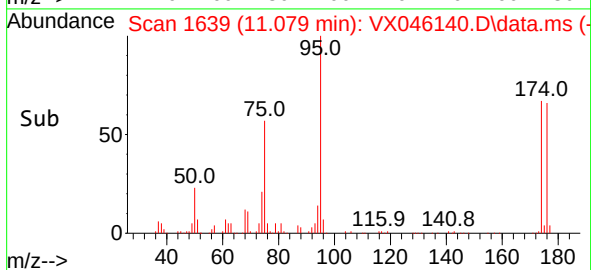
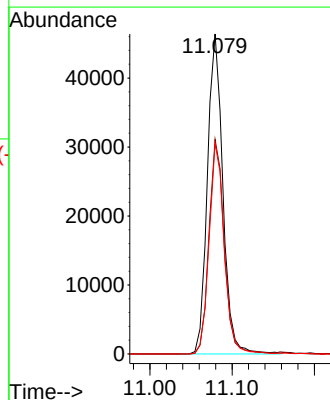
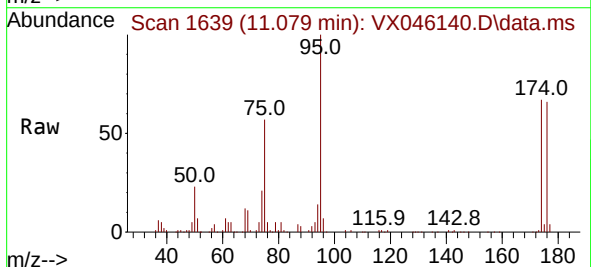
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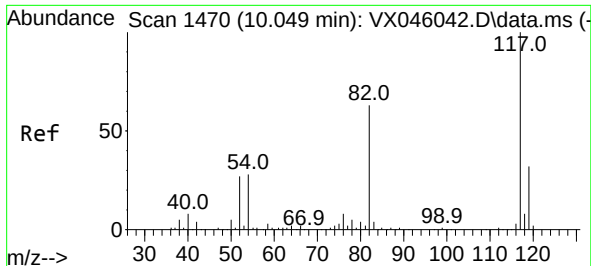
Tgt Ion: 98 Resp: 160746
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

Tgt Ion: 95 Resp: 60603
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.1 0.0 131.4

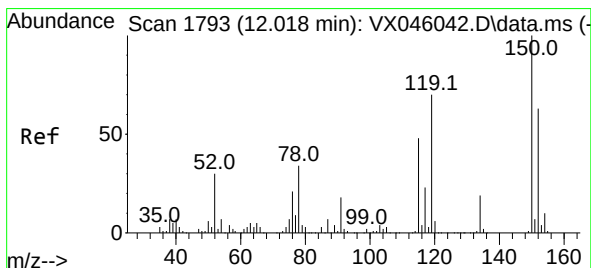
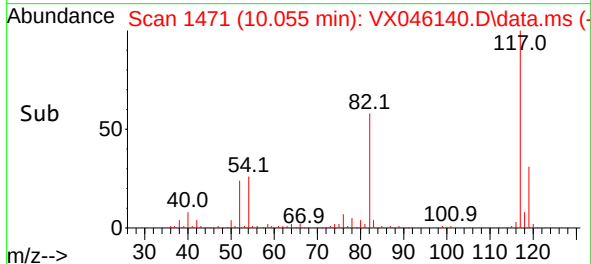
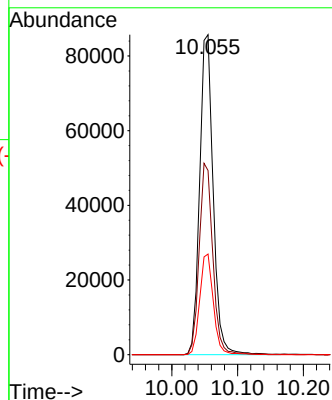
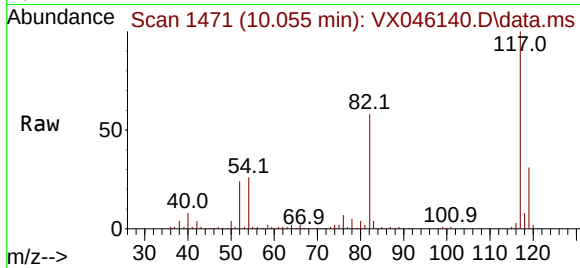




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046140.D
Acq: 12 May 2025 15:56

Instrument :
MSVOA_X
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COMP-8

Tgt Ion:117 Resp: 122350
Ion Ratio Lower Upper
117 100
82 57.5 50.6 76.0
119 31.5 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: VX046140.D
Acq: 12 May 2025 15:56

Tgt Ion:152 Resp: 50422
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 156.0 0.0 351.0

