

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046141.D
 Acq On : 12 May 2025 16:19
 Operator : JC/MD
 Sample : Q1986-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-9

Quant Time: May 13 03:20:23 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)

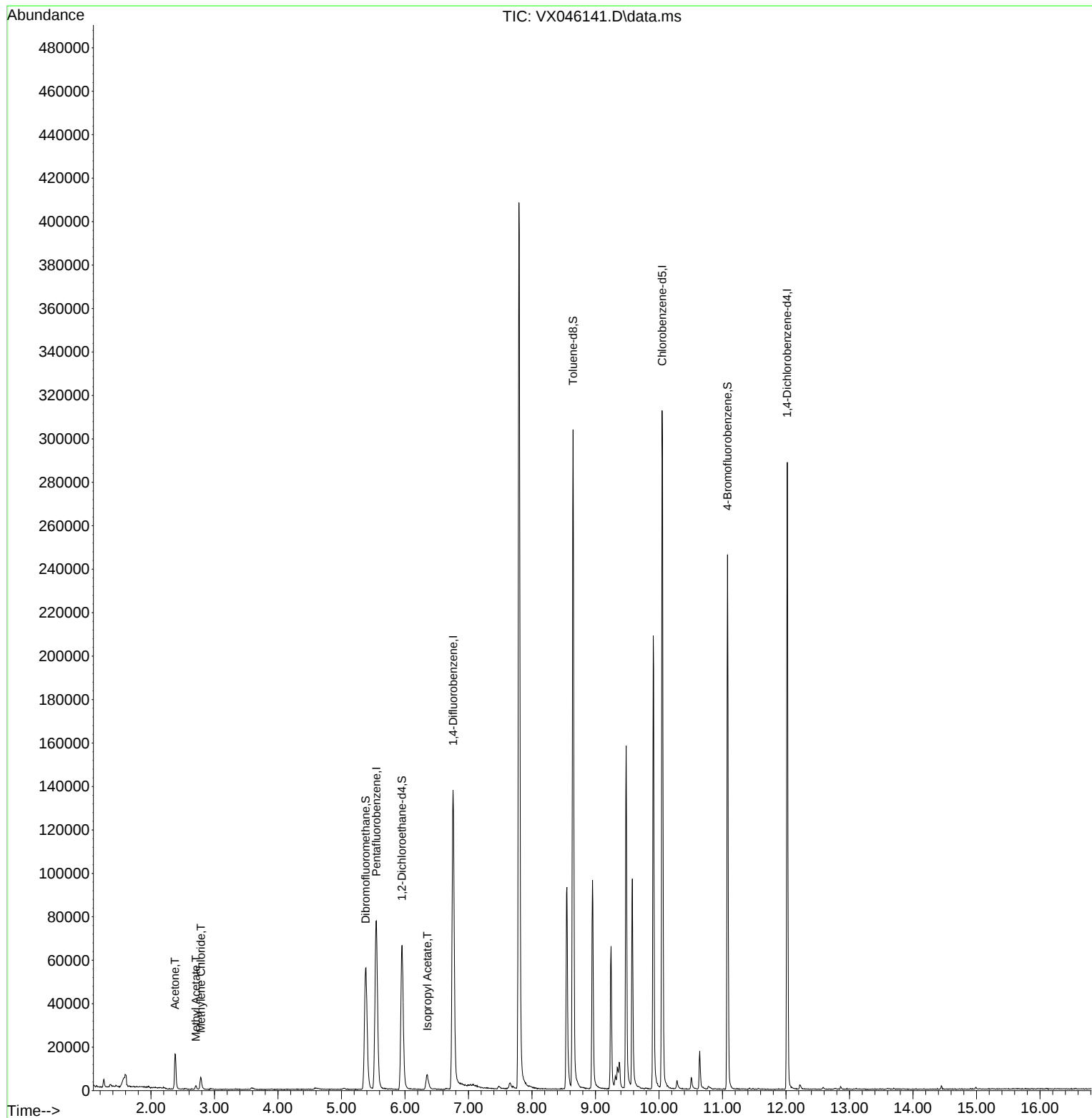
Internal Standards						
1) Pentafluorobenzene	5.550	168	65341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68734	56.424	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.840%	
35) Dibromofluoromethane	5.379	113	49513	52.134	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.260%	
50) Toluene-d8	8.647	98	171223	52.089	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.180%	
62) 4-Bromofluorobenzene	11.079	95	63745	50.556	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	101.120%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	18609	38.100	ug/l	92
18) Methyl Acetate	2.709	43	2186	1.929	ug/l	97
20) Methylene Chloride	2.788	84	2587	2.764	ug/l #	96
43) Isopropyl Acetate	6.355	43	10868	4.519	ug/l	97

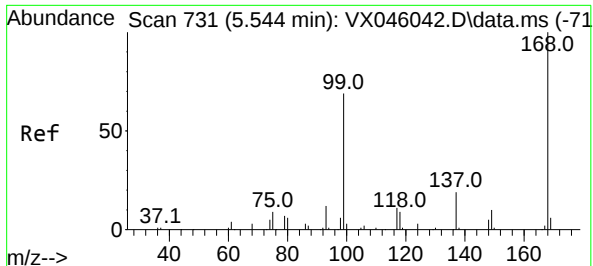
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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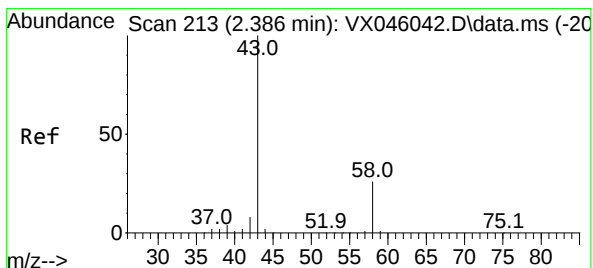
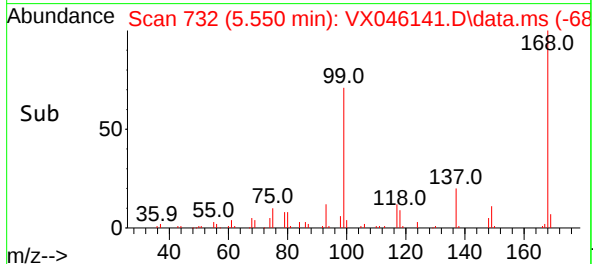
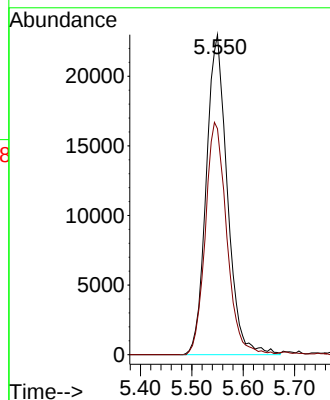
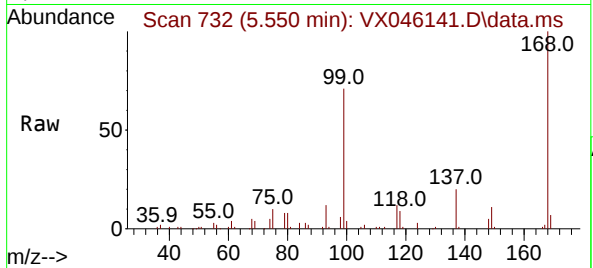




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

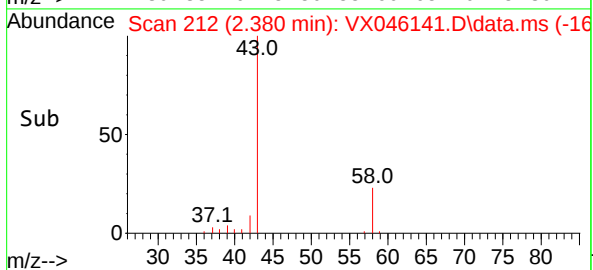
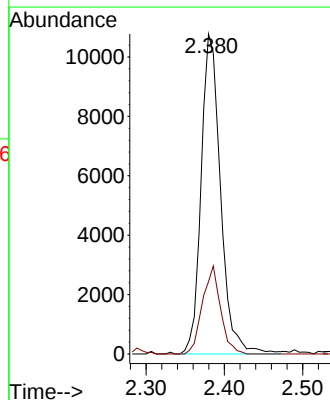
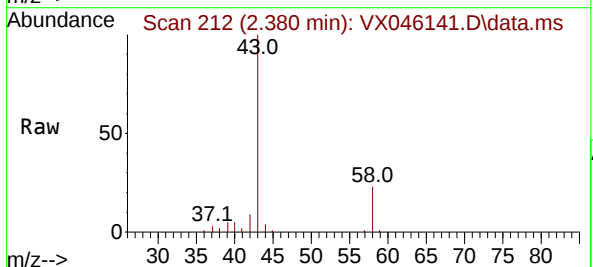
Instrument :
MSVOA_X
ClientSampleId :
COMP-9

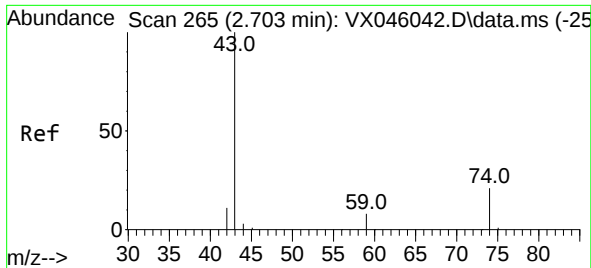
Tgt Ion:168 Resp: 65341
Ion Ratio Lower Upper
168 100
99 70.6 54.9 82.3



#16
Acetone
Concen: 38.100 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

Tgt Ion: 43 Resp: 18609
Ion Ratio Lower Upper
43 100
58 22.6 21.2 31.8

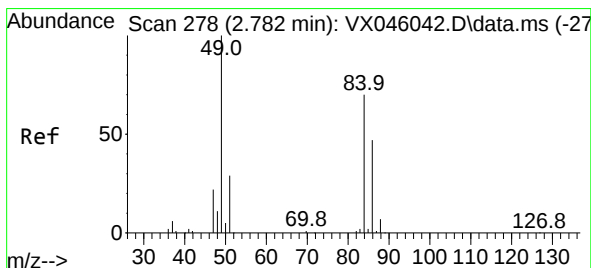
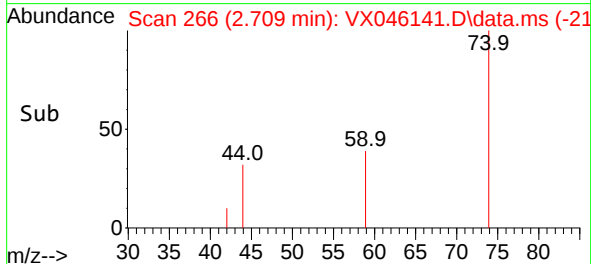
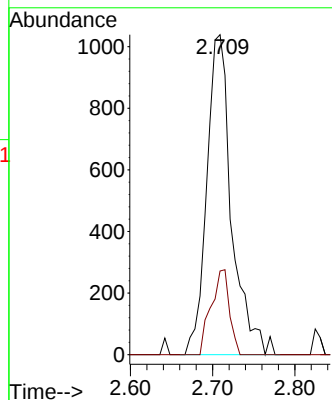
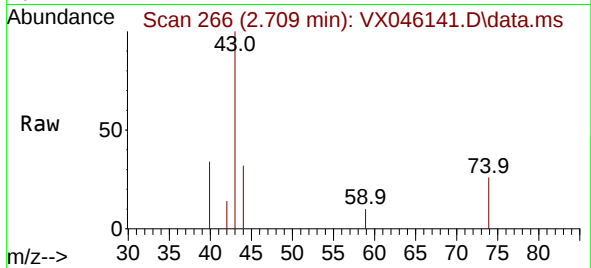




#18
Methyl Acetate
Concen: 1.929 ug/l
RT: 2.709 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

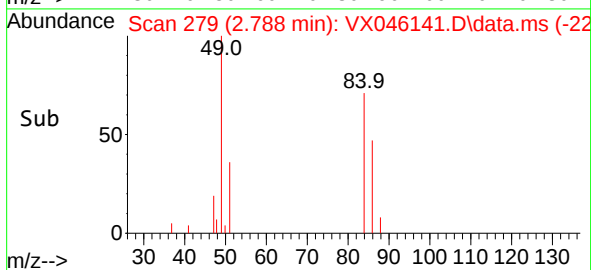
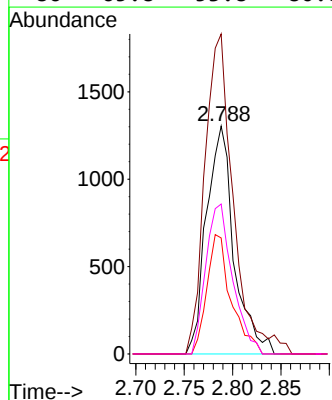
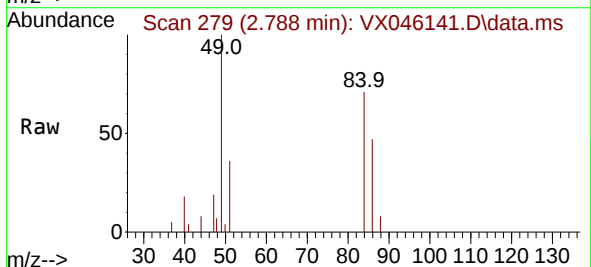
Instrument :
MSVOA_X
ClientSampleId :
COMP-9

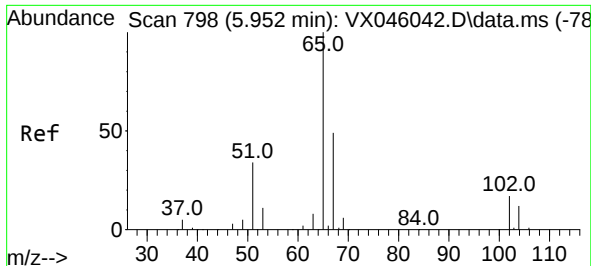
Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
74 19.6 16.7 25.1



#20
Methylene Chloride
Concen: 2.764 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

Tgt Ion: 84 Resp: 2587
Ion Ratio Lower Upper
84 100
49 140.4 113.9 170.9
51 50.9 33.5 50.3#
86 65.8 53.8 80.8

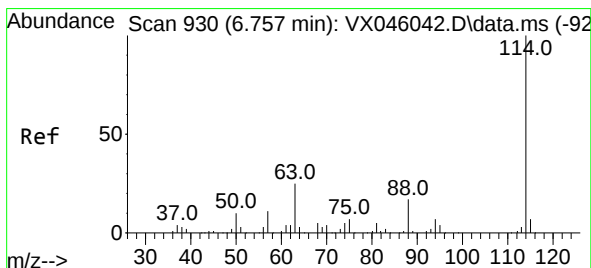
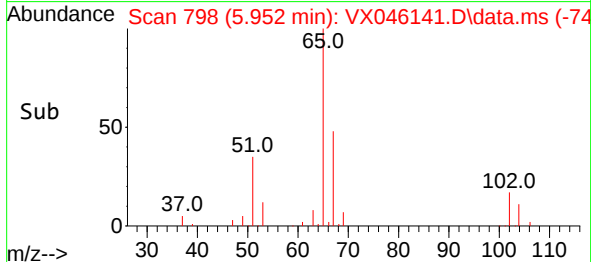
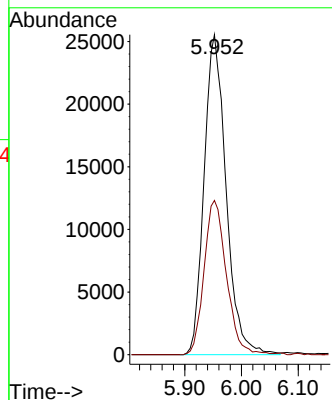
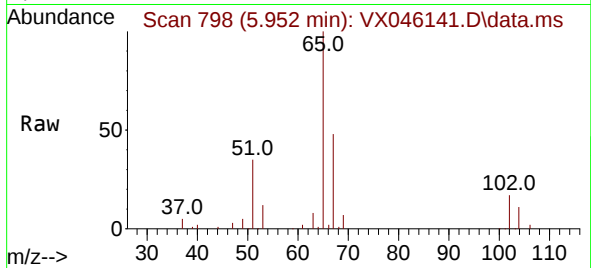




#33
 1,2-Dichloroethane-d4
 Concen: 56.424 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046141.D
 Acq: 12 May 2025 16:19

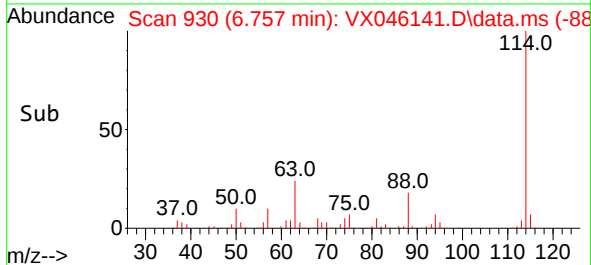
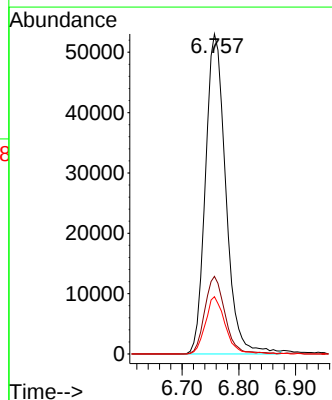
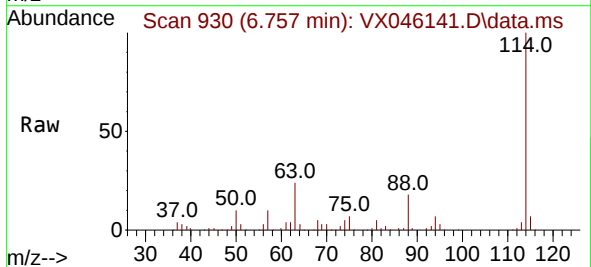
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-9

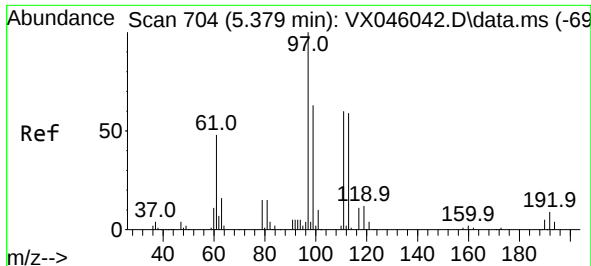
Tgt Ion: 65 Resp: 68734
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046141.D
 Acq: 12 May 2025 16:19

Tgt Ion: 114 Resp: 131886
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.9 0.0 33.6

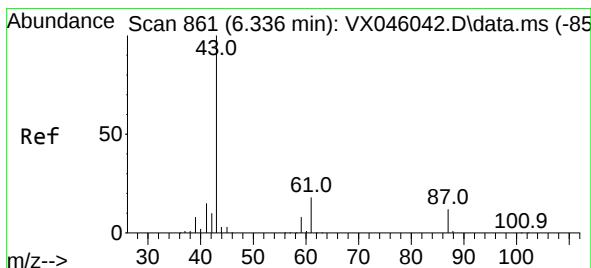
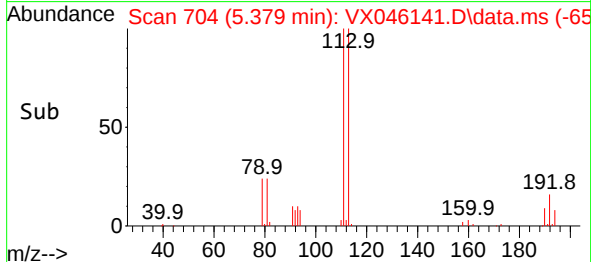
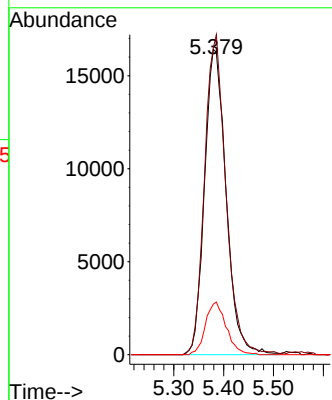
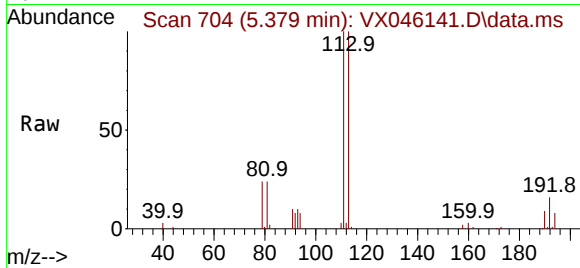




#35
Dibromofluoromethane
Concen: 52.134 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

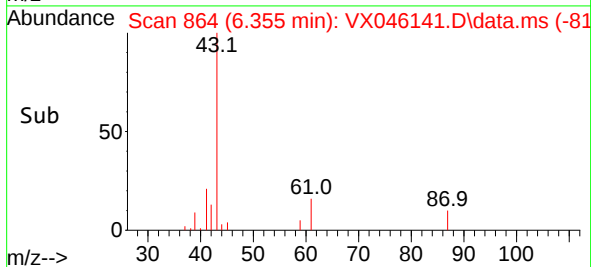
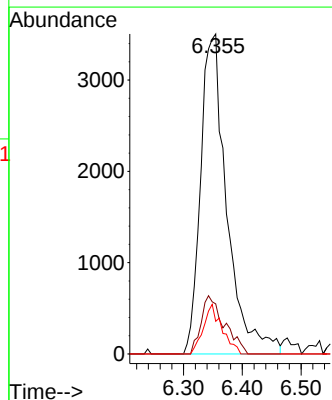
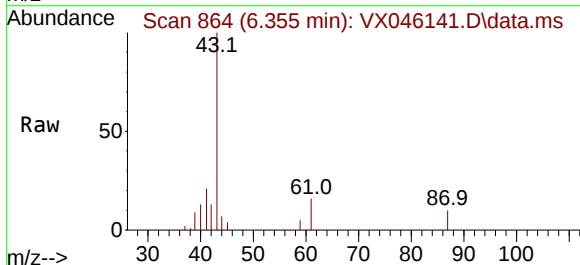
Instrument :
MSVOA_X
ClientSampleId :
COMP-9

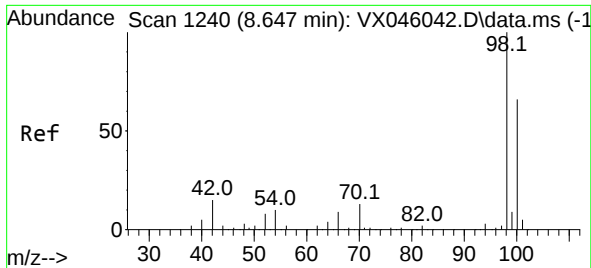
Tgt Ion:113 Resp: 49513
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 16.6 13.3 19.9



#43
Isopropyl Acetate
Concen: 4.519 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

Tgt Ion: 43 Resp: 10868
Ion Ratio Lower Upper
43 100
61 16.1 14.3 21.5
87 11.0 9.5 14.3

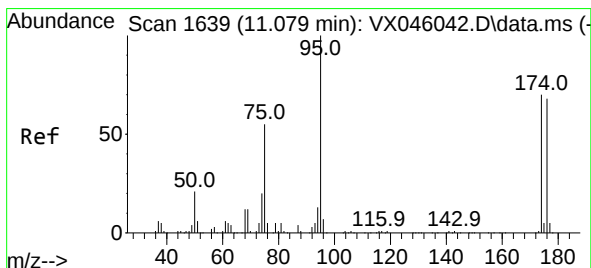
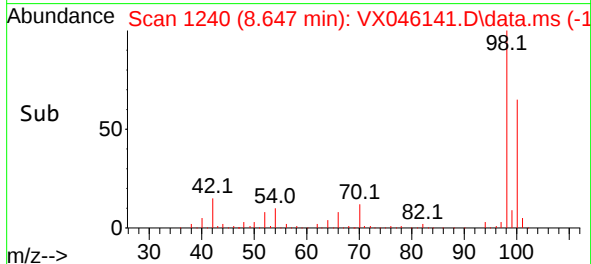
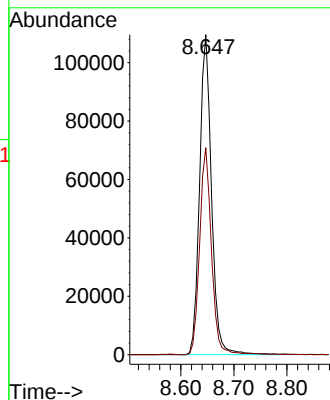
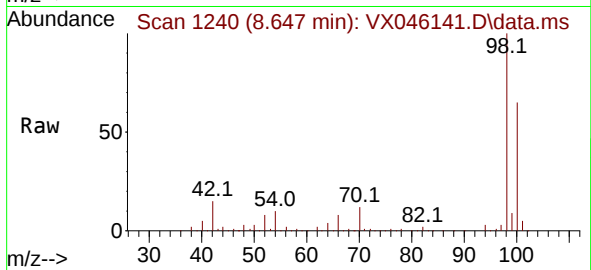




#50
Toluene-d8
Concen: 52.089 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

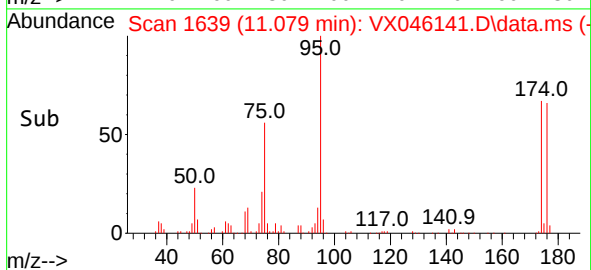
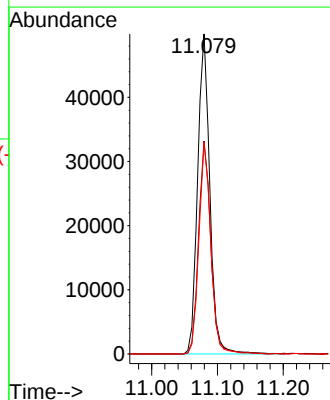
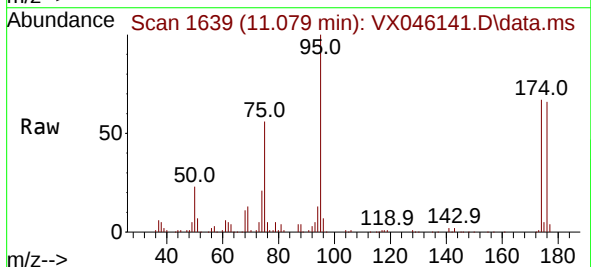
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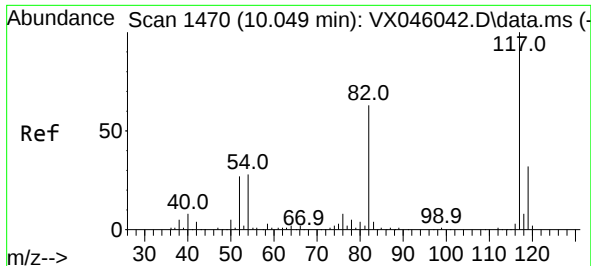
Tgt Ion: 98 Resp: 171223
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

Tgt Ion: 95 Resp: 63745
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.8 0.0 131.4

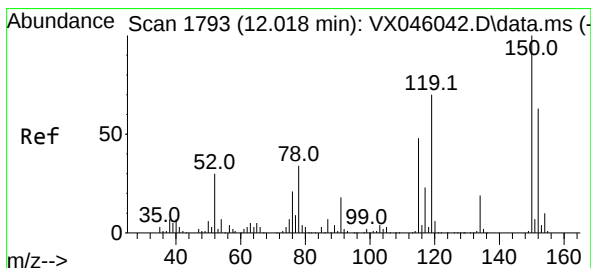
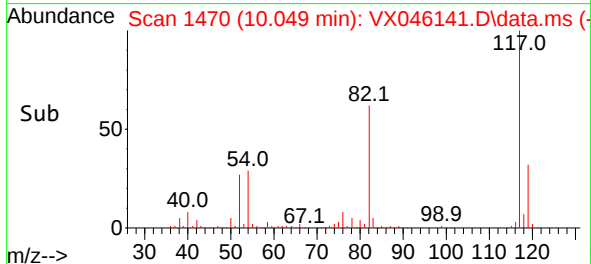
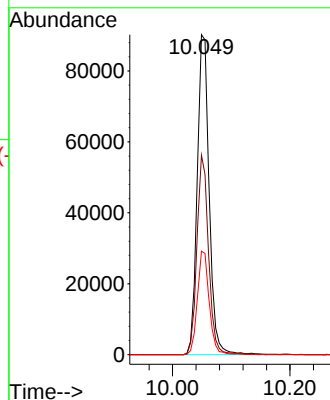
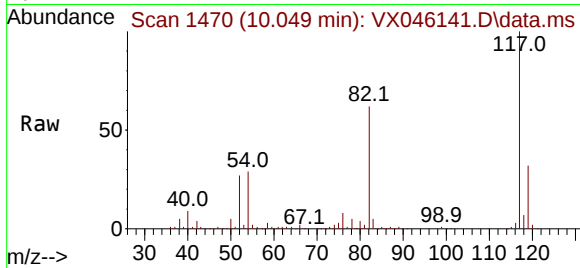




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:117 Resp: 127831
Ion Ratio Lower Upper
117 100
82 62.4 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# 1793
Delta R.T. 0.000 min
Lab File: VX046141.D
Acq: 12 May 2025 16:19

Tgt Ion:152 Resp: 52635
Ion Ratio Lower Upper
152 100
115 67.2 46.9 140.7
150 156.5 0.0 351.0

