

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045998.D
 Acq On : 30 Apr 2025 15:16
 Operator : JC/MD
 Sample : Q1905-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Quant Time: May 01 03:37:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

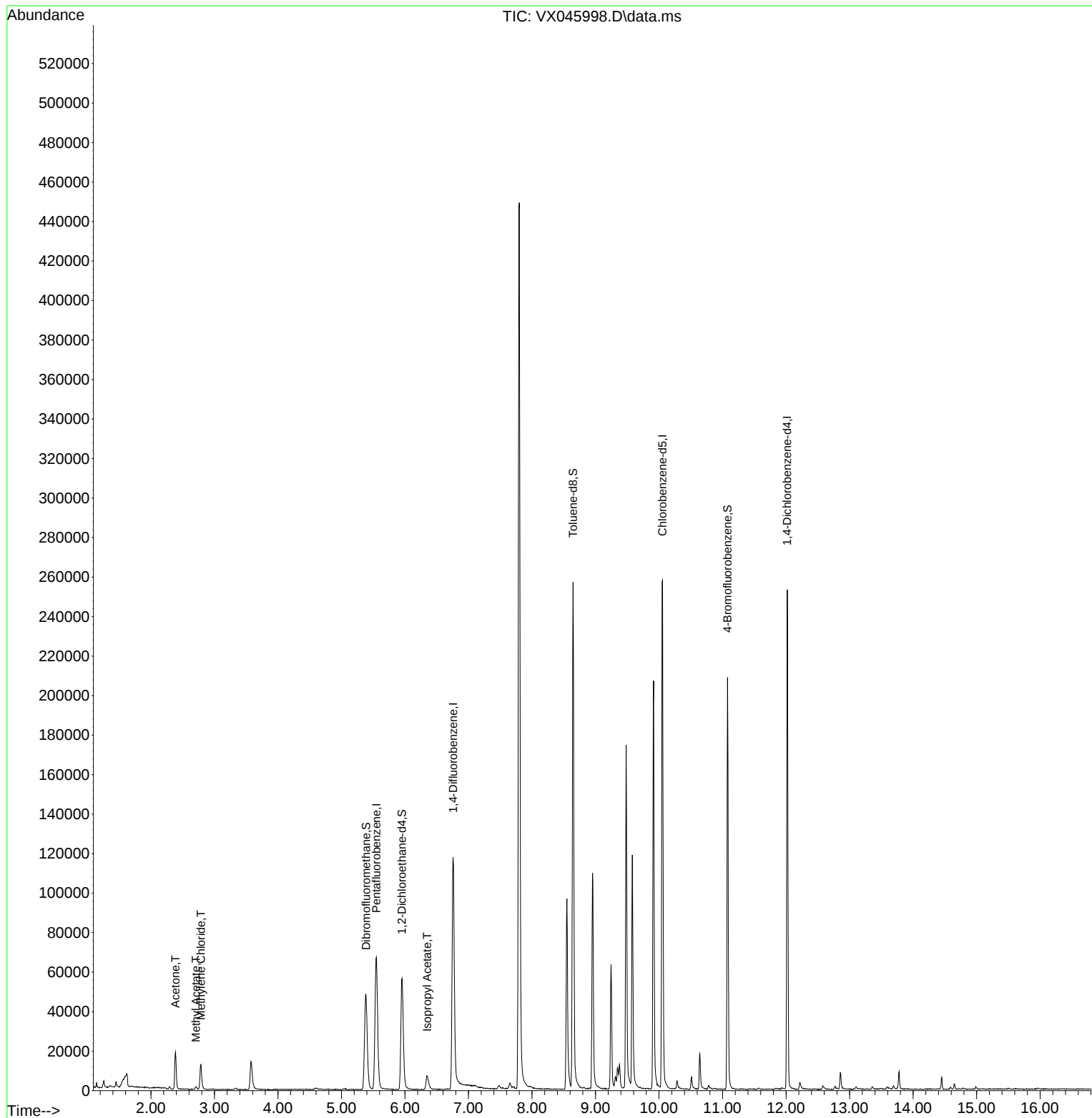
Internal Standards						
1) Pentafluorobenzene	5.550	168	58037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	114498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58818	55.418	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.840%
35) Dibromofluoromethane	5.385	113	42771	52.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.300%
50) Toluene-d8	8.647	98	145631	51.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.720%
62) 4-Bromofluorobenzene	11.079	95	54567	52.833	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.660%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	21242	48.740	ug/l	95
18) Methyl Acetate	2.709	43	2079	2.072	ug/l #	84
20) Methylene Chloride	2.788	84	5938	7.278	ug/l #	88
43) Isopropyl Acetate	6.348	43	11047	5.273	ug/l	100

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

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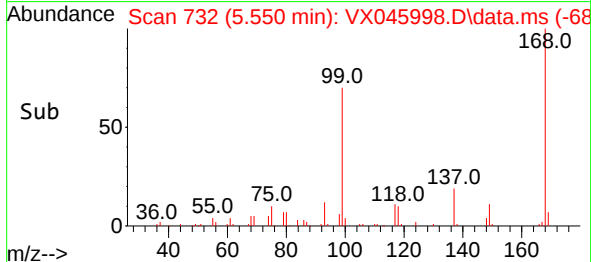
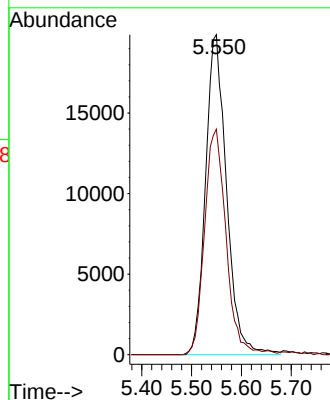
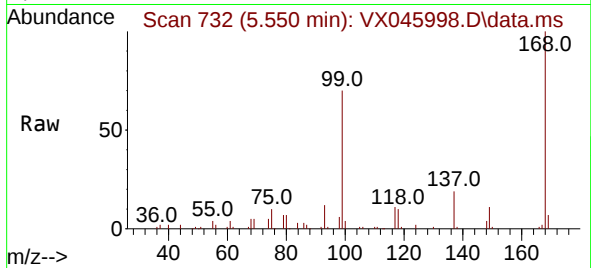




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

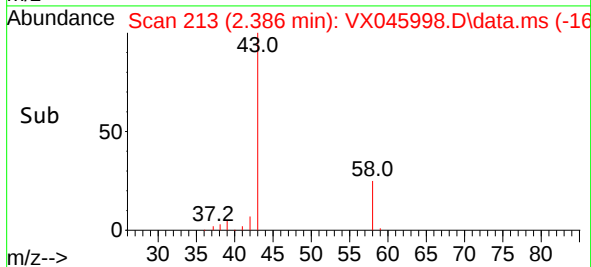
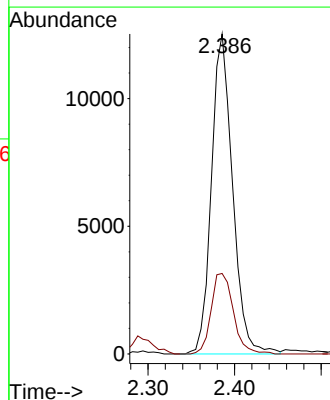
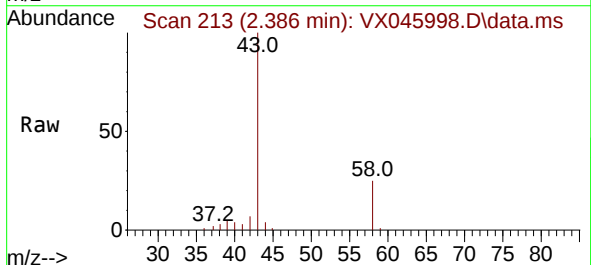
Instrument :
MSVOA_X
ClientSampleId :
MH-H

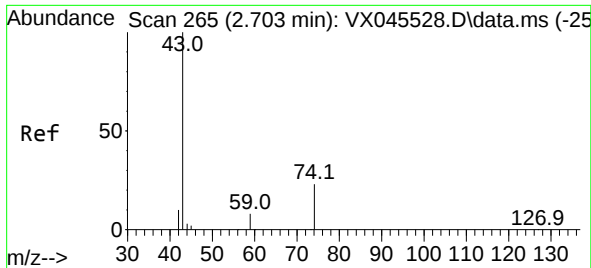
Tgt Ion:168 Resp: 58037
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#16
Acetone
Concen: 48.740 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

Tgt Ion: 43 Resp: 21242
Ion Ratio Lower Upper
43 100
58 25.2 22.3 33.5

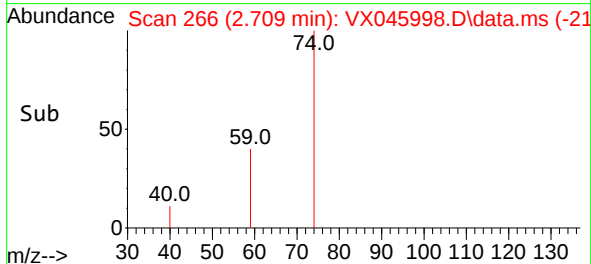
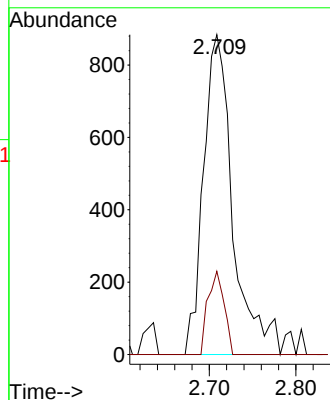
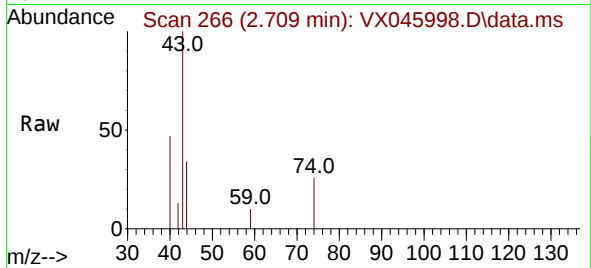




#18
Methyl Acetate
Concen: 2.072 ug/l
RT: 2.709 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

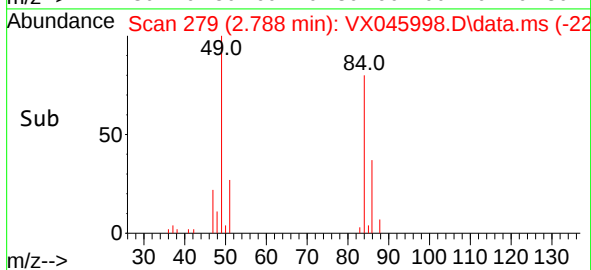
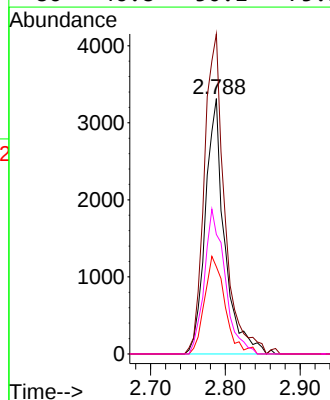
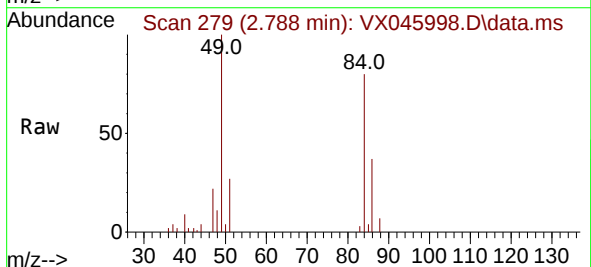
Instrument :
MSVOA_X
ClientSampleId :
MH-H

Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
74 14.3 17.5 26.3#



#20
Methylene Chloride
Concen: 7.278 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

Tgt Ion: 84 Resp: 5938
Ion Ratio Lower Upper
84 100
49 125.3 107.5 161.3
51 34.1 33.0 49.6
86 46.8 50.1 75.1#

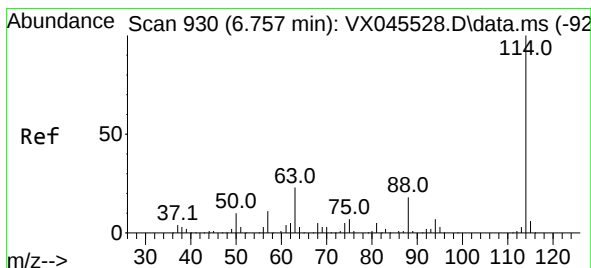
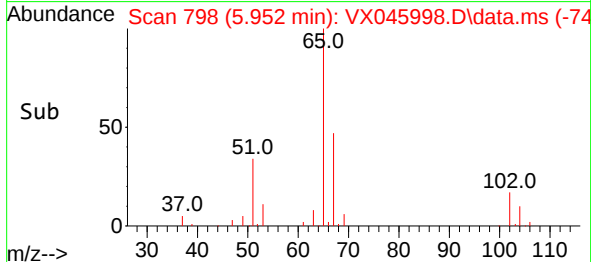
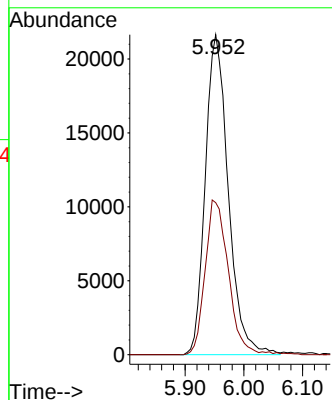
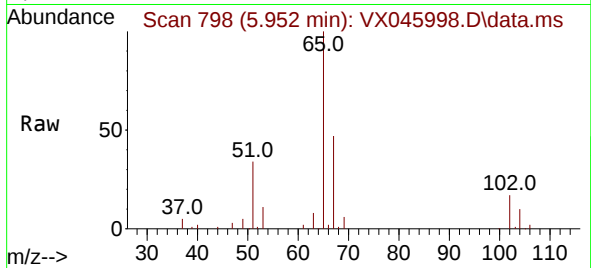




#33
 1,2-Dichloroethane-d4
 Concen: 55.418 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045998.D
 Acq: 30 Apr 2025 15:16

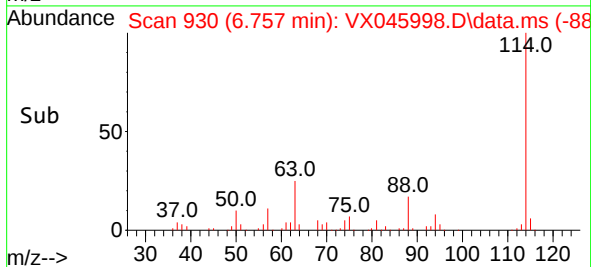
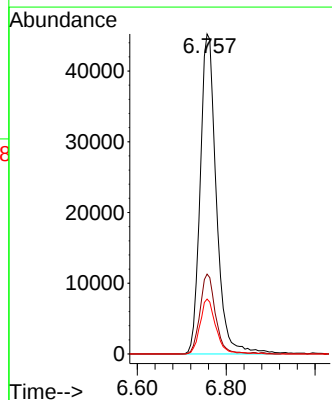
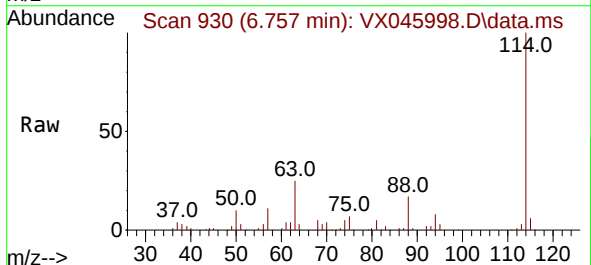
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Tgt Ion: 65 Resp: 58818
 Ion Ratio Lower Upper
 65 100
 67 49.1 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: VX045998.D
 Acq: 30 Apr 2025 15:16

Tgt Ion: 114 Resp: 114498
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 46.8
 88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.650 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045998.D

Acq: 30 Apr 2025 15:16

Instrument :

MSVOA_X

ClientSampleId :

MH-H

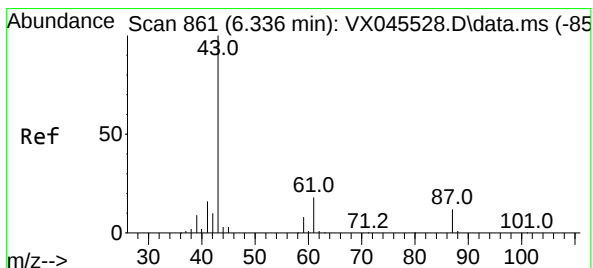
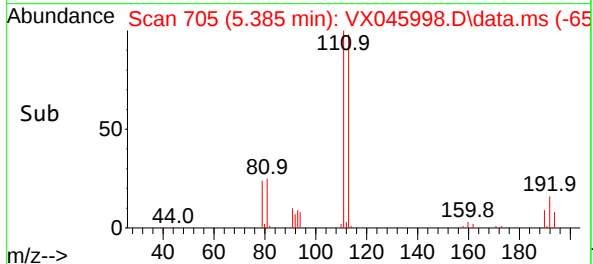
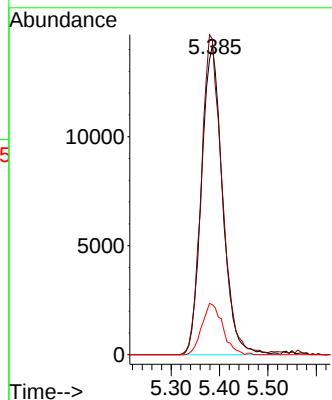
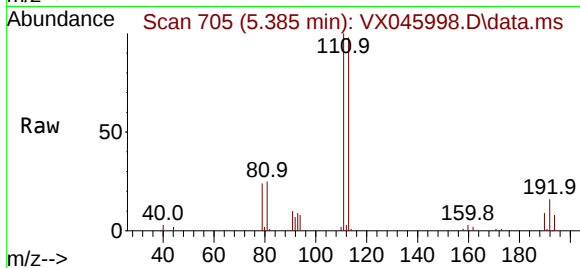
Tgt Ion:113 Resp: 42771

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

192 16.4 13.8 20.6



#43

Isopropyl Acetate

Concen: 5.273 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045998.D

Acq: 30 Apr 2025 15:16

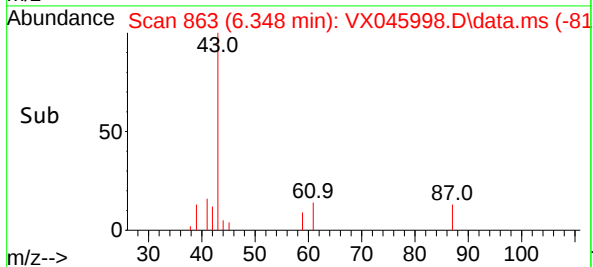
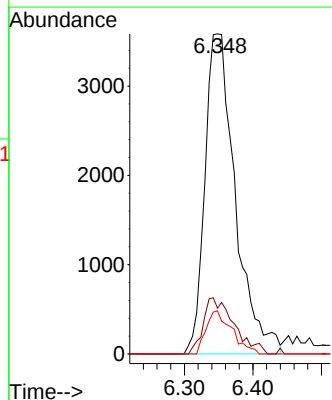
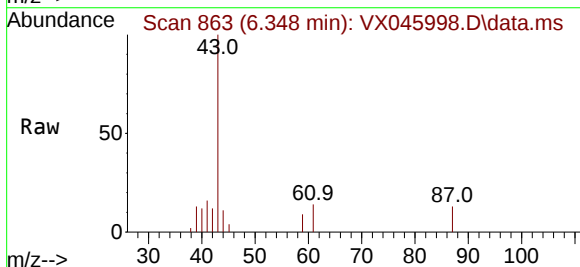
Tgt Ion: 43 Resp: 11047

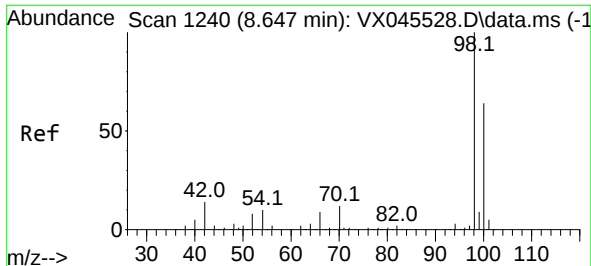
Ion Ratio Lower Upper

43 100

61 17.8 14.1 21.1

87 11.4 9.2 13.8

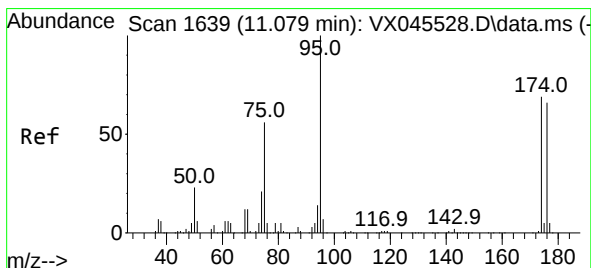
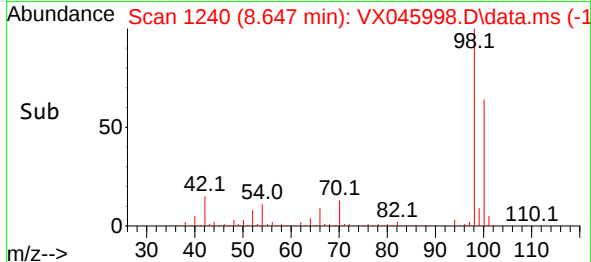
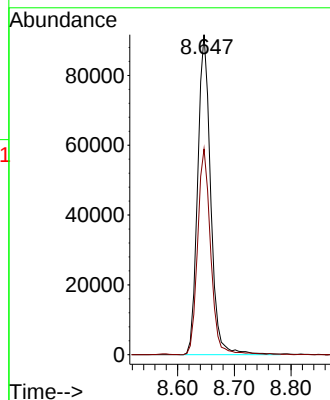
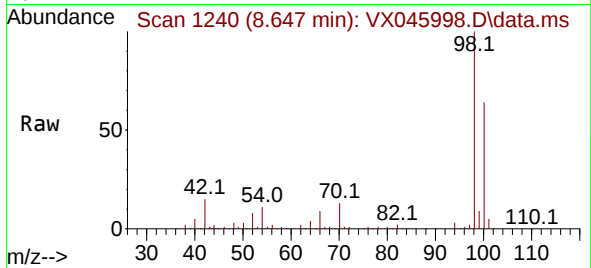




#50
Toluene-d8
Concen: 51.360 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

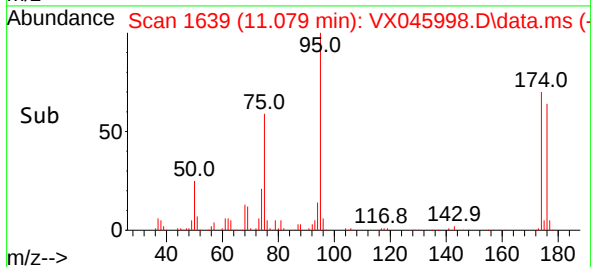
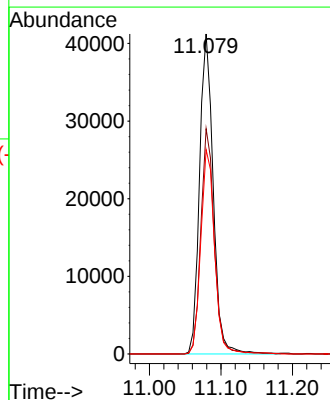
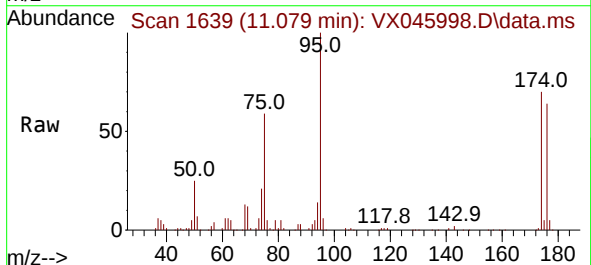
Instrument :
MSVOA_X
ClientSampleId :
MH-H

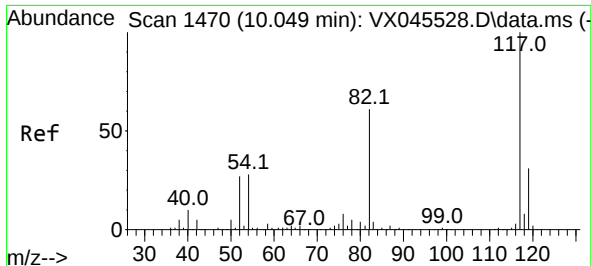
Tgt Ion: 98 Resp: 145631
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

Tgt Ion: 95 Resp: 54567
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 64.8 0.0 131.4

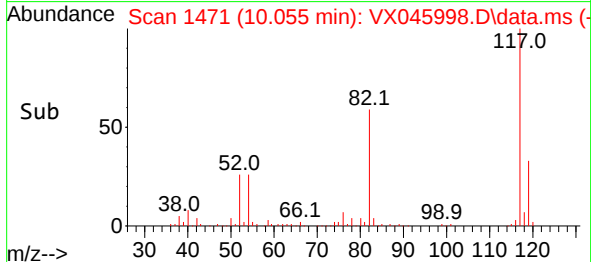
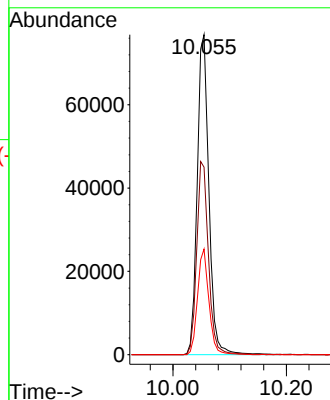
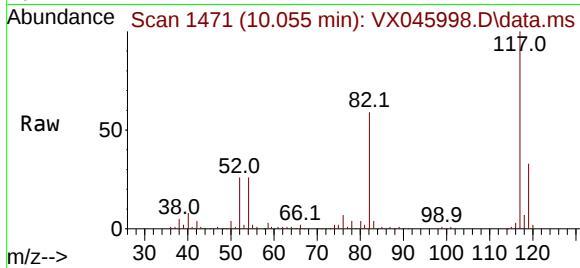




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

Instrument :
MSVOA_X
ClientSampleId :
MH-H

Tgt Ion:117 Resp: 109756
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 33.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045998.D
Acq: 30 Apr 2025 15:16

Tgt Ion:152 Resp: 46389
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 157.3 0.0 349.4

