

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046173.D
 Acq On : 13 May 2025 17:55
 Operator : JC/MD
 Sample : Q2017-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-I

Quant Time: May 14 01:44:43 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)

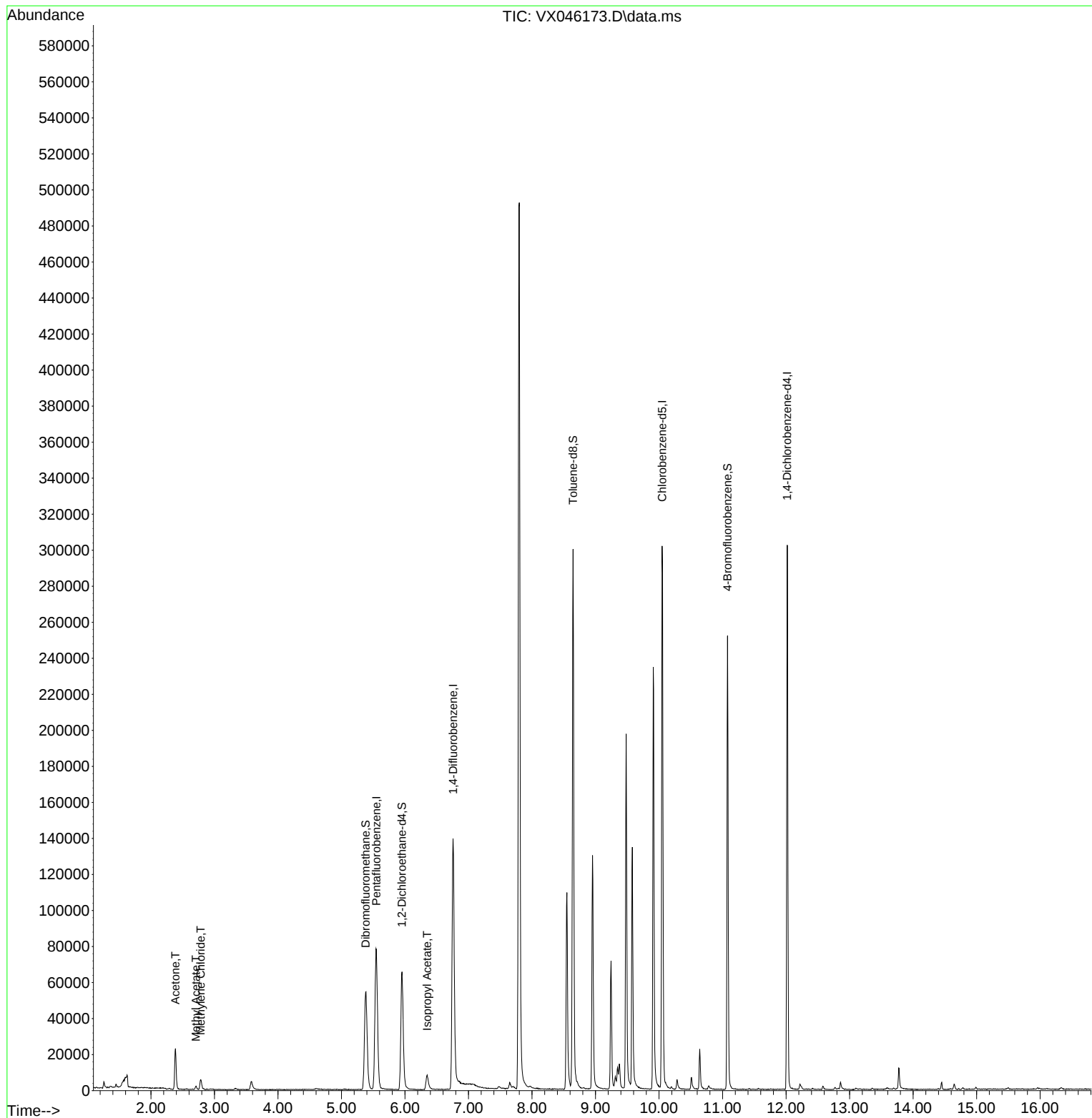
Internal Standards						
1) Pentafluorobenzene	5.550	168	66540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66624	53.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.420%	
35) Dibromofluoromethane	5.379	113	47829	49.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.140%	
50) Toluene-d8	8.647	98	167974	49.787	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	11.079	95	67272	51.981	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.960%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	25162	50.588	ug/l	97
18) Methyl Acetate	2.709	43	2578	2.234	ug/l	97
20) Methylene Chloride	2.782	84	2790	2.927	ug/l	97
43) Isopropyl Acetate	6.348	43	12528	5.075	ug/l	98

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

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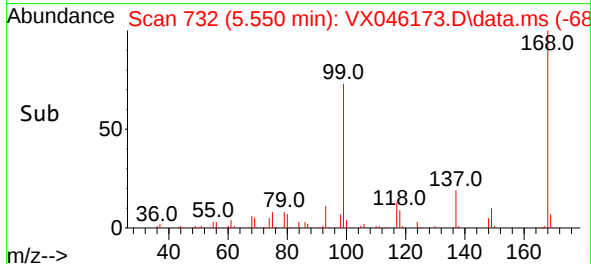
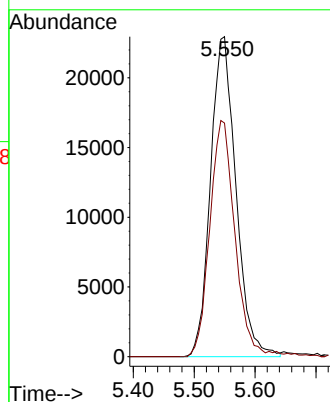
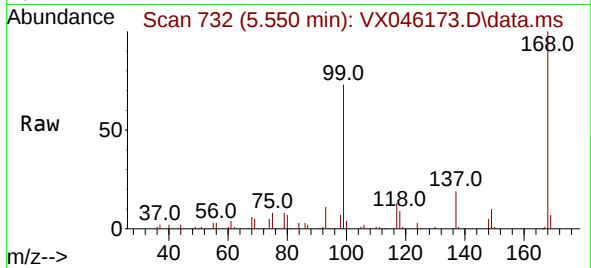




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046173.D
Acq: 13 May 2025 17:55

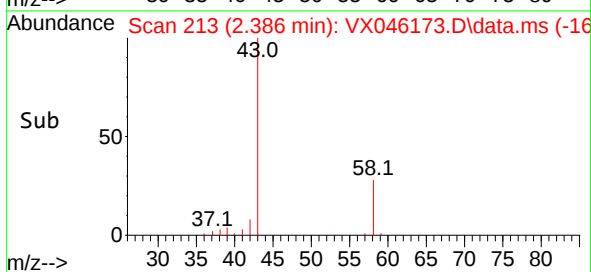
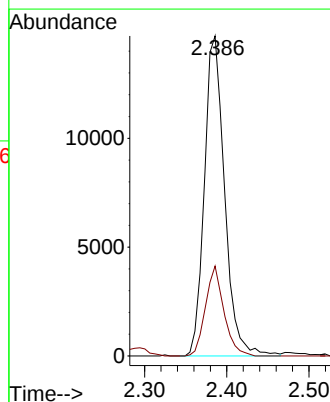
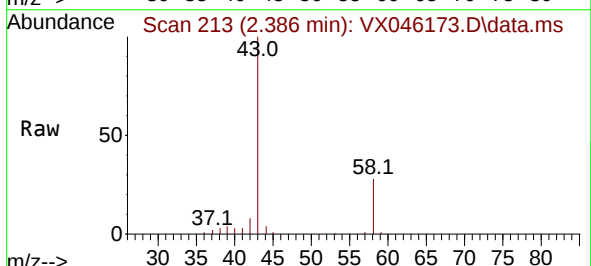
Instrument :
MSVOA_X
ClientSampleId :
MH-I

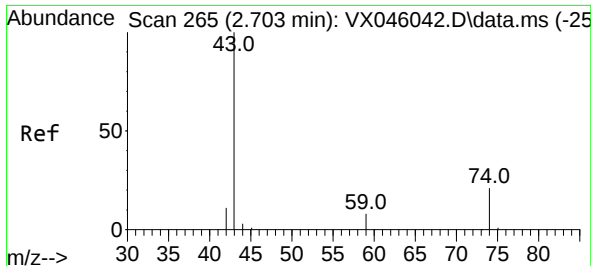
Tgt Ion:168 Resp: 66540
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#16
Acetone
Concen: 50.588 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046173.D
Acq: 13 May 2025 17:55

Tgt Ion: 43 Resp: 25162
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8





#18

Methyl Acetate

Concen: 2.234 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX046173.D

Acq: 13 May 2025 17:55

Instrument :

MSVOA_X

ClientSampleId :

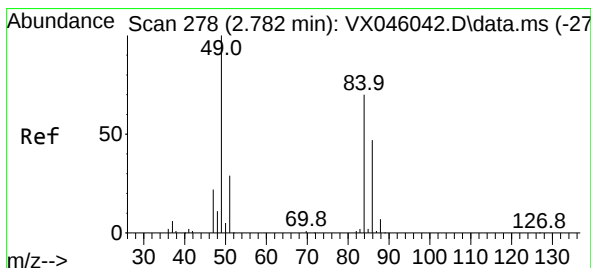
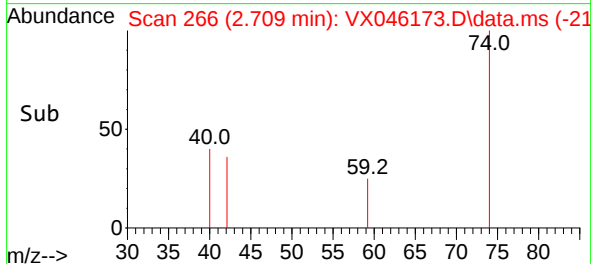
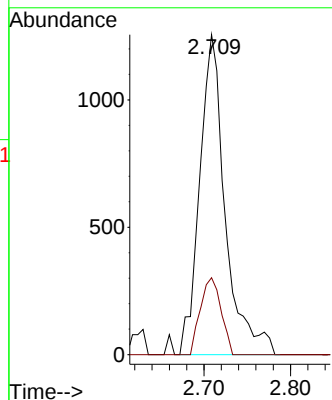
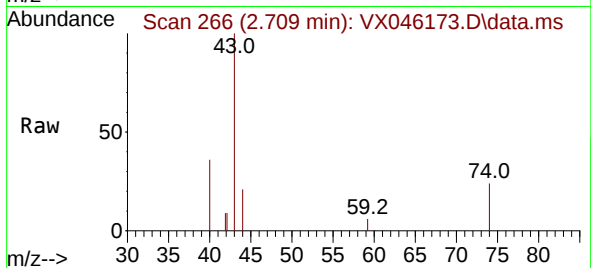
MH-I

Tgt Ion: 43 Resp: 2578

Ion Ratio Lower Upper

43 100

74 19.4 16.7 25.1



#20

Methylene Chloride

Concen: 2.927 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX046173.D

Acq: 13 May 2025 17:55

Tgt Ion: 84 Resp: 2790

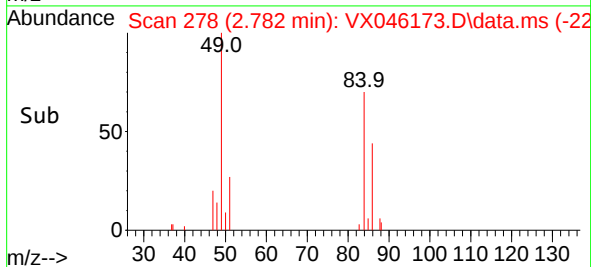
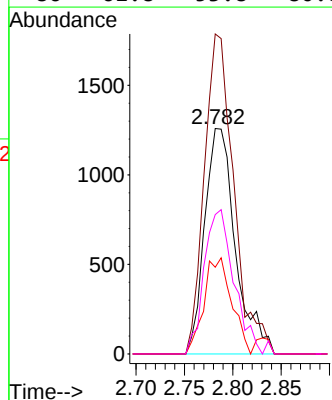
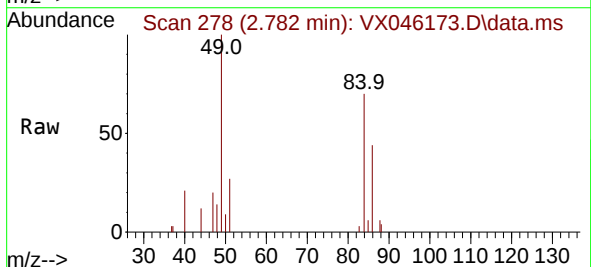
Ion Ratio Lower Upper

84 100

49 141.9 113.9 170.9

51 38.4 33.5 50.3

86 61.8 53.8 80.8

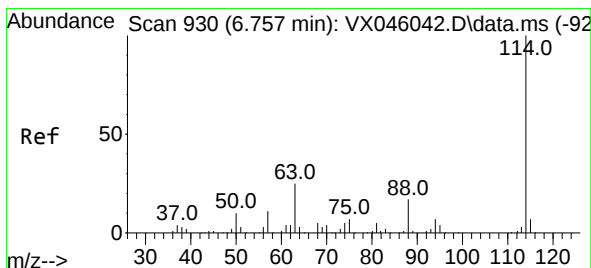
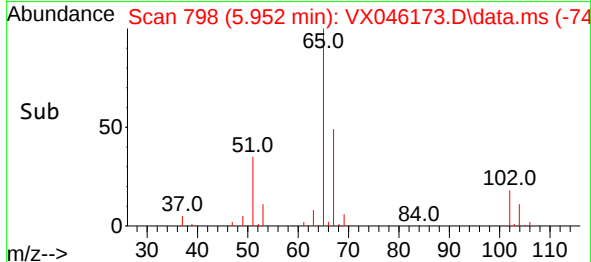
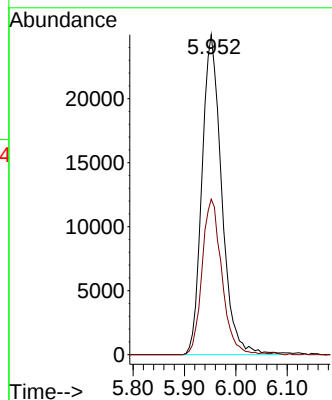
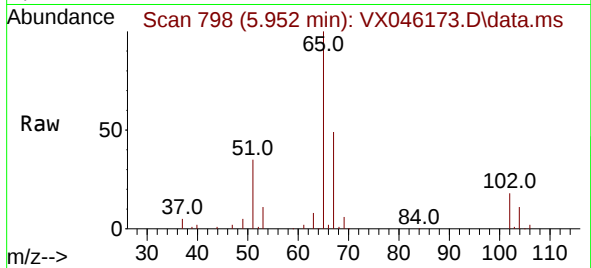




#33
 1,2-Dichloroethane-d4
 Concen: 53.707 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046173.D
 Acq: 13 May 2025 17:55

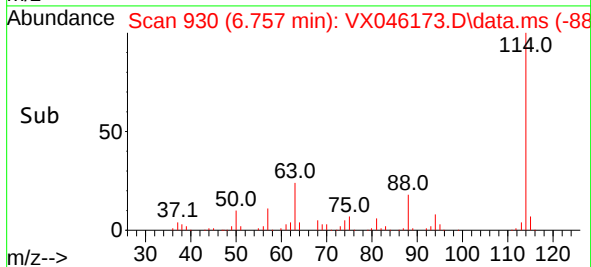
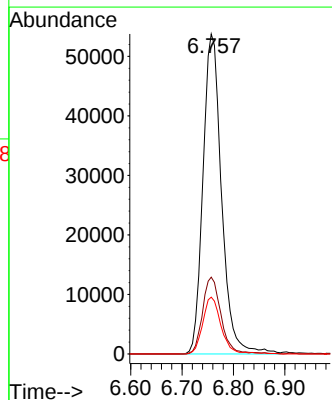
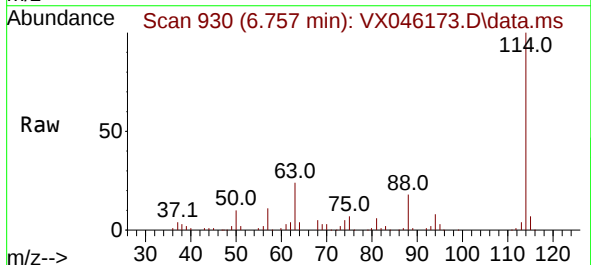
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-I

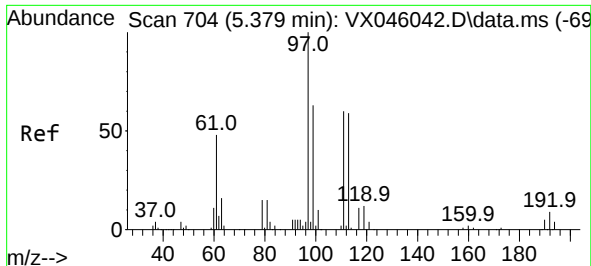
Tgt Ion: 65 Resp: 66624
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046173.D
 Acq: 13 May 2025 17:55

Tgt Ion: 114 Resp: 135367
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.066 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046173.D

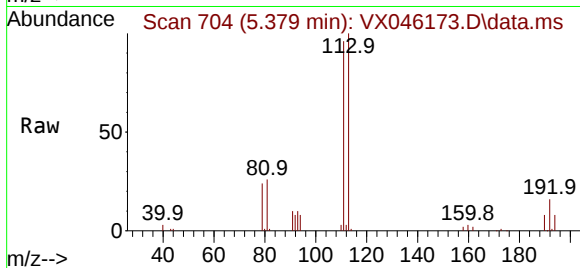
Acq: 13 May 2025 17:55

Instrument :

MSVOA_X

ClientSampleId :

MH-I



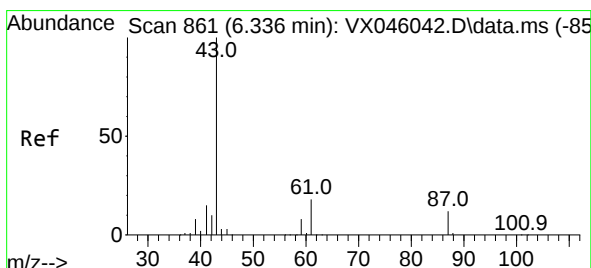
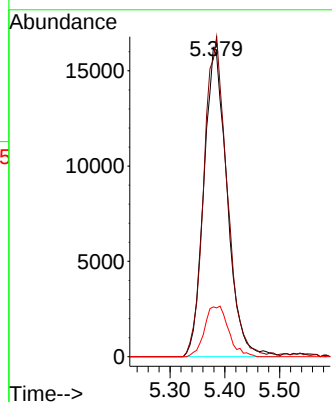
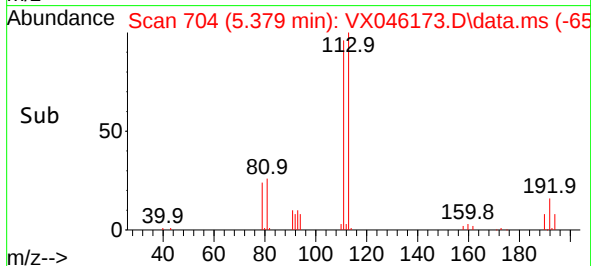
Tgt Ion:113 Resp: 47829

Ion Ratio Lower Upper

113 100

111 102.5 83.1 124.7

192 16.7 13.3 19.9



#43

Isopropyl Acetate

Concen: 5.075 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046173.D

Acq: 13 May 2025 17:55

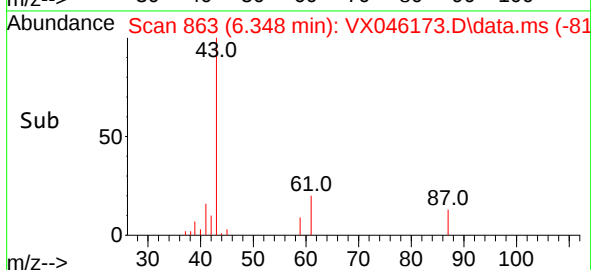
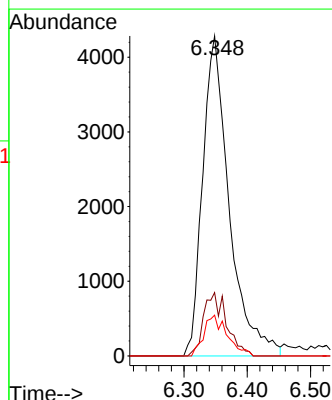
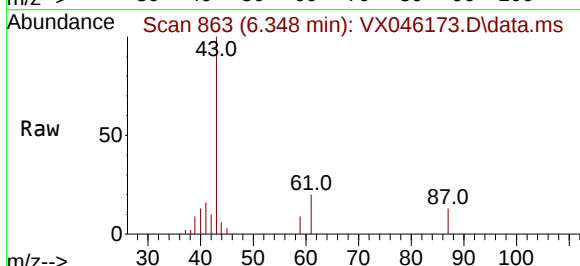
Tgt Ion: 43 Resp: 12528

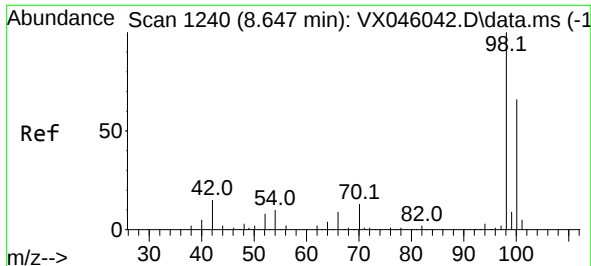
Ion Ratio Lower Upper

43 100

61 17.2 14.3 21.5

87 11.2 9.5 14.3

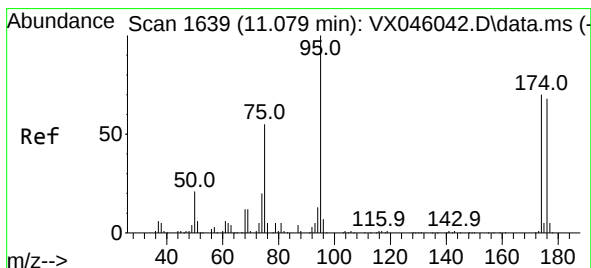
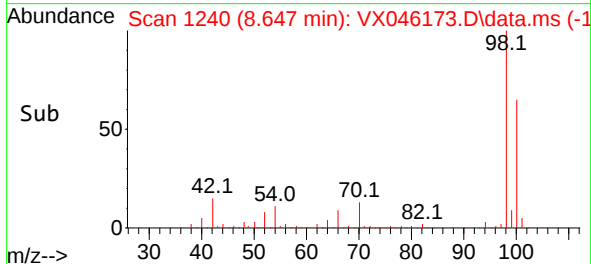
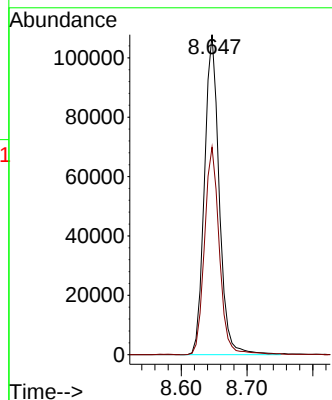
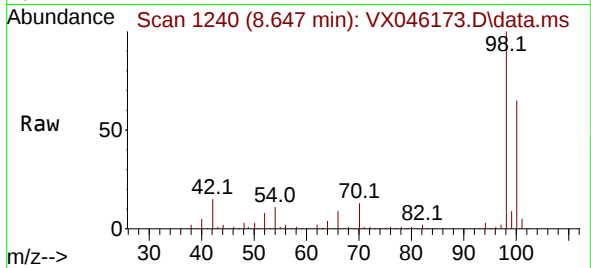




#50
Toluene-d8
Concen: 49.787 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046173.D
Acq: 13 May 2025 17:55

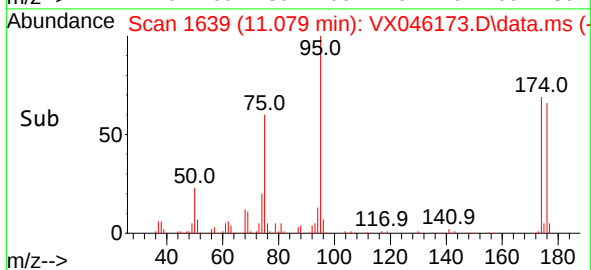
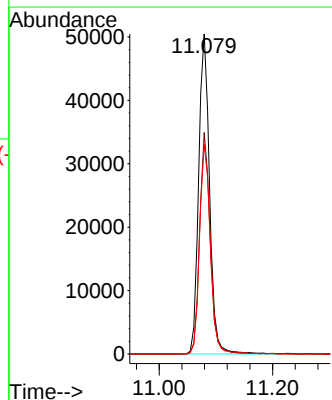
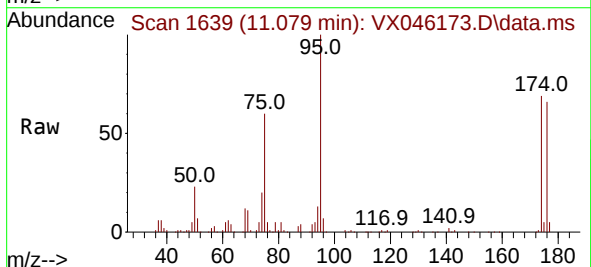
Instrument :
MSVOA_X
ClientSampleId :
MH-I

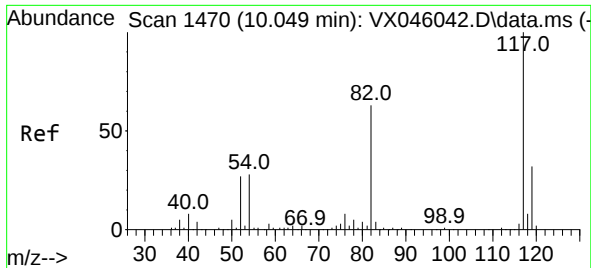
Tgt Ion: 98 Resp: 167974
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046173.D
Acq: 13 May 2025 17:55

Tgt Ion: 95 Resp: 67272
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.6 0.0 131.4

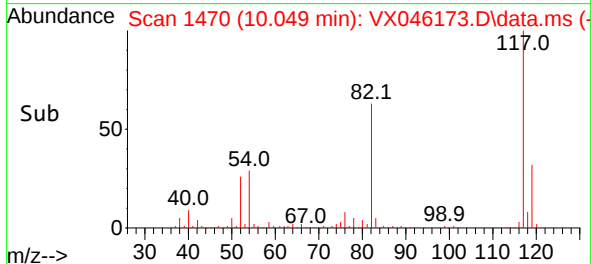
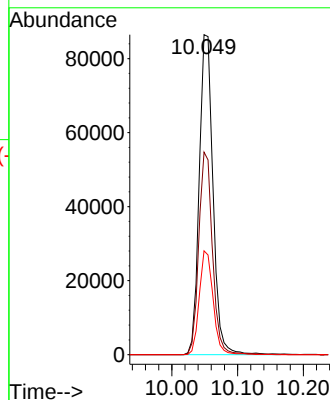
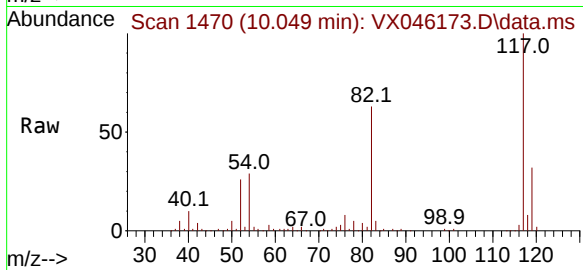




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046173.D
Acq: 13 May 2025 17:55

Instrument :
MSVOA_X
ClientSampleId :
MH-I

Tgt Ion:117 Resp: 126079
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 32.5 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: VX046173.D
Acq: 13 May 2025 17:55

Tgt Ion:152 Resp: 55826
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 156.9 0.0 351.0

