

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046021.D
 Acq On : 02 May 2025 12:41
 Operator : JC/MD
 Sample : Q1922-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-R

Quant Time: May 02 23:13:51 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)

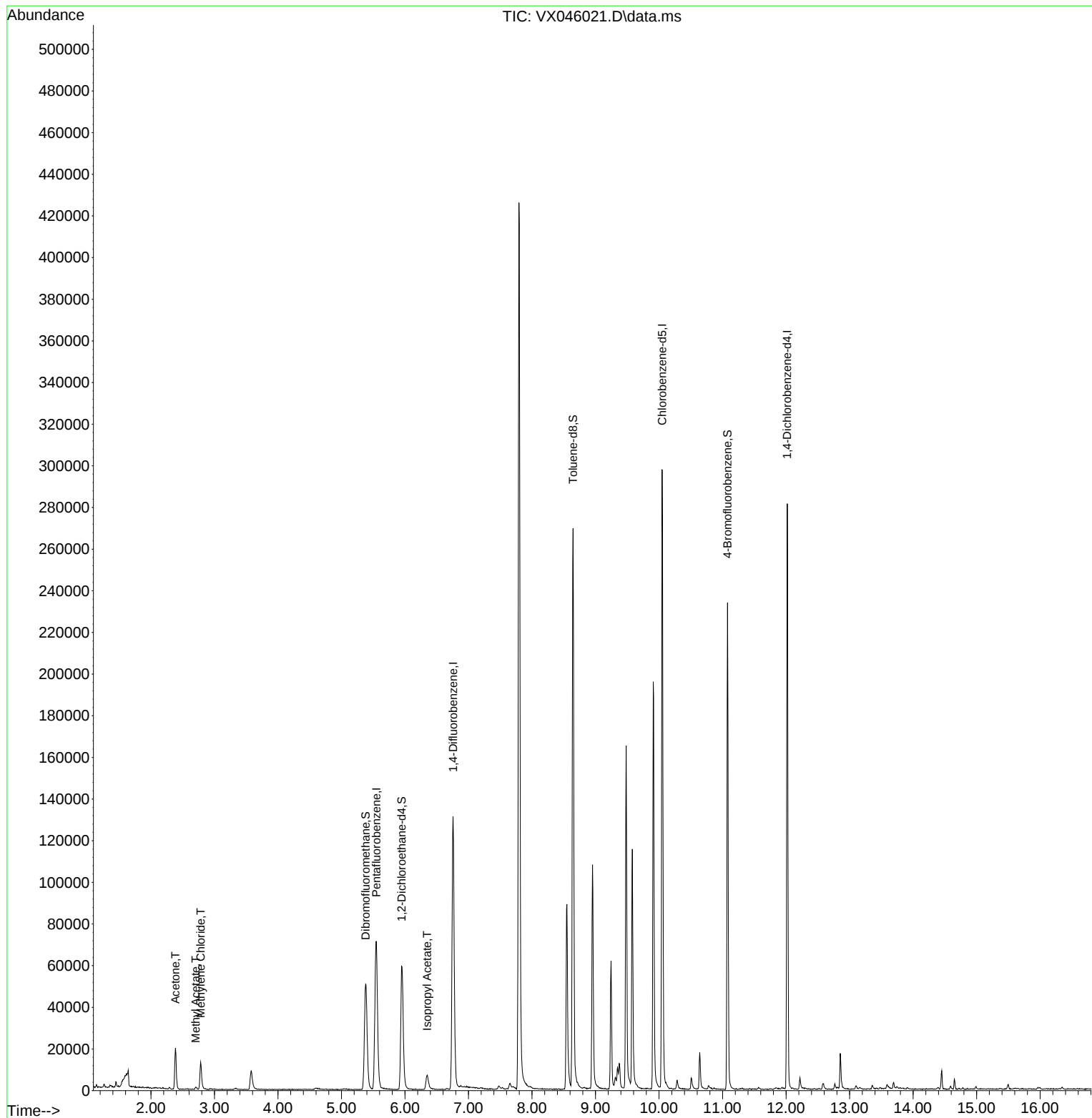
Internal Standards						
1) Pentafluorobenzene	5.550	168	61759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62632	55.455	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.920%		
35) Dibromofluoromethane	5.379	113	44822	50.124	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.240%		
50) Toluene-d8	8.647	98	158215	50.691	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.380%		
62) 4-Bromofluorobenzene	11.079	95	61749	54.314	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 108.620%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	22192	47.852	ug/l	98
18) Methyl Acetate	2.703	43	1475	1.381	ug/l	95
20) Methylene Chloride	2.782	84	6362	7.328	ug/l	95
43) Isopropyl Acetate	6.348	43	11676	5.063	ug/l	95

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

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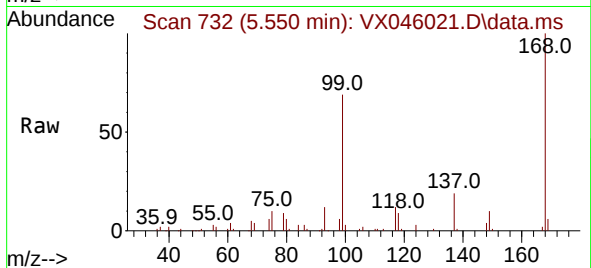
Quant Time: May 02 23:13:51 2025
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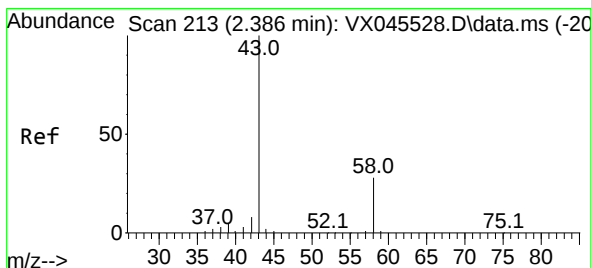
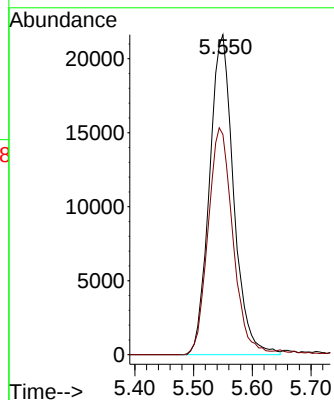
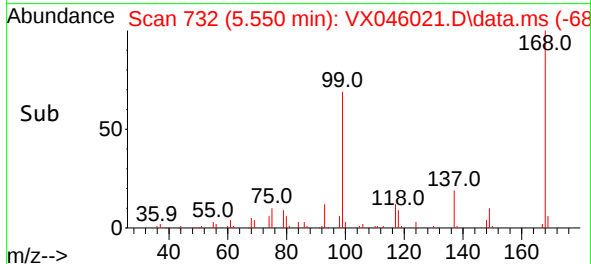


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

Instrument :
MSVOA_X
ClientSampleId :
MH-R

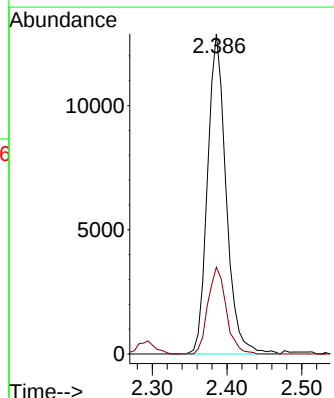
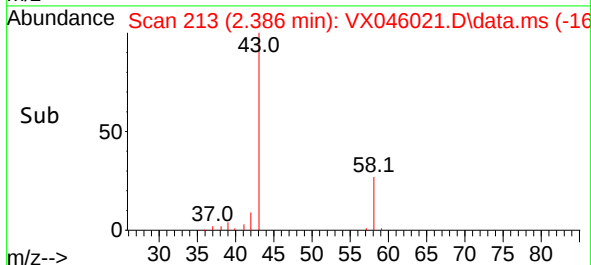
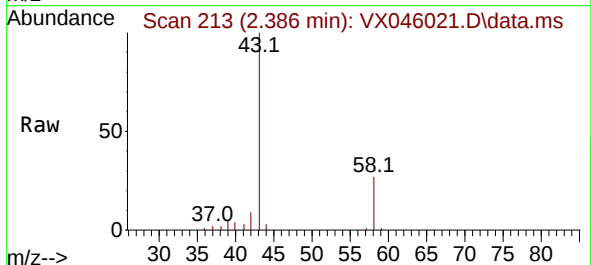


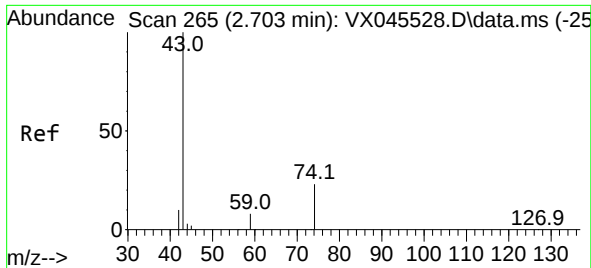
Tgt Ion:168 Resp: 61759
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5



#16
Acetone
Concen: 47.852 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

Tgt Ion: 43 Resp: 22192
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5

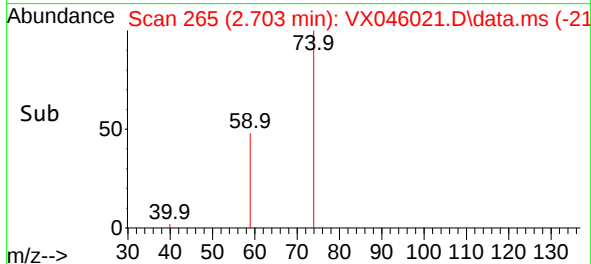
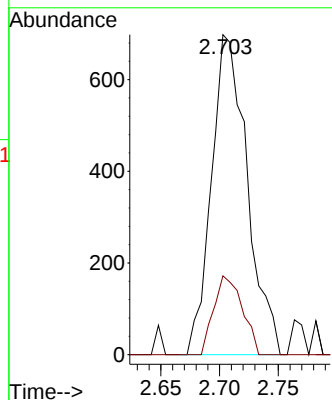
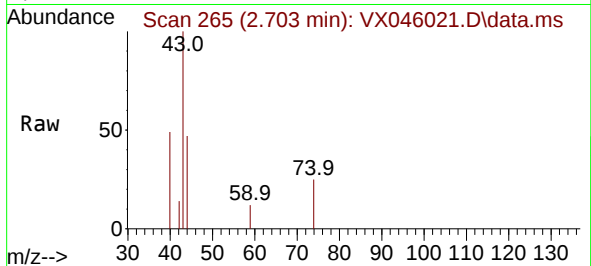




#18
Methyl Acetate
Concen: 1.381 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

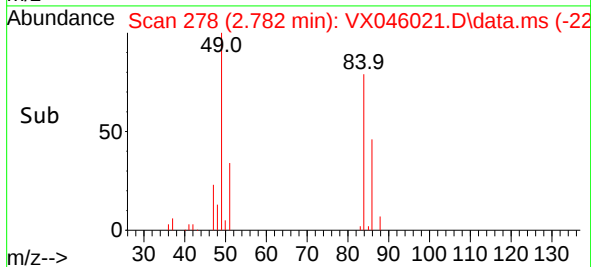
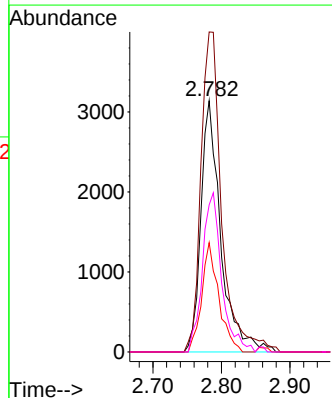
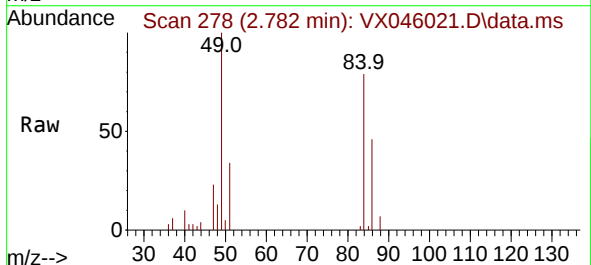
Instrument :
MSVOA_X
ClientSampleId :
MH-R

Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
74 19.7 17.5 26.3



#20
Methylene Chloride
Concen: 7.328 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

Tgt Ion: 84 Resp: 6362
Ion Ratio Lower Upper
84 100
49 127.3 107.5 161.3
51 43.5 33.0 49.6
86 58.5 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 55.455 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046021.D

Acq: 02 May 2025 12:41

Instrument :

MSVOA_X

ClientSampleId :

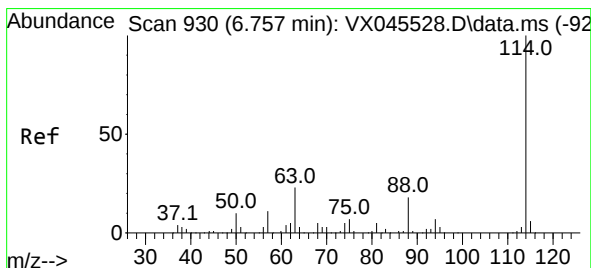
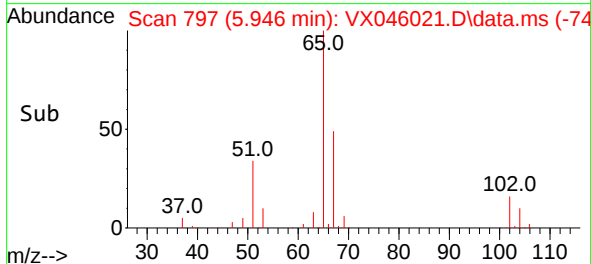
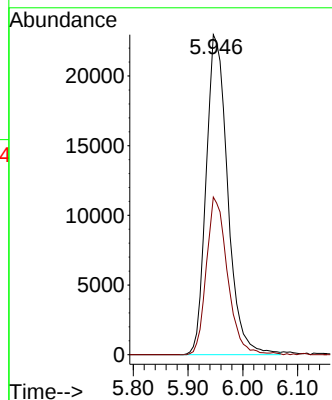
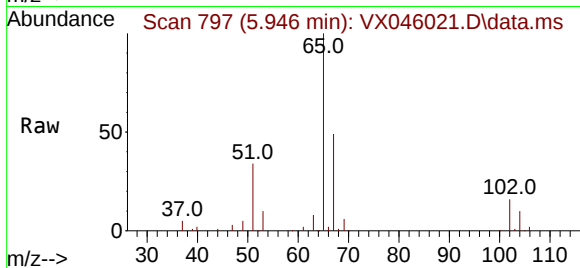
MH-R

Tgt Ion: 65 Resp: 62632

Ion Ratio Lower Upper

65 100

67 48.2 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: VX046021.D

Acq: 02 May 2025 12:41

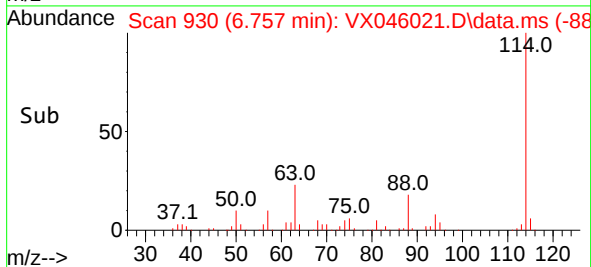
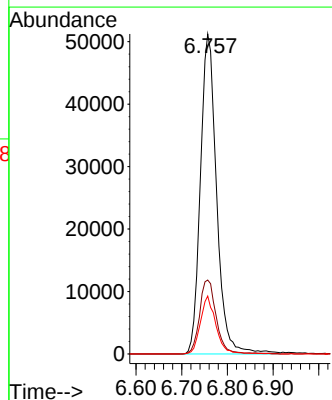
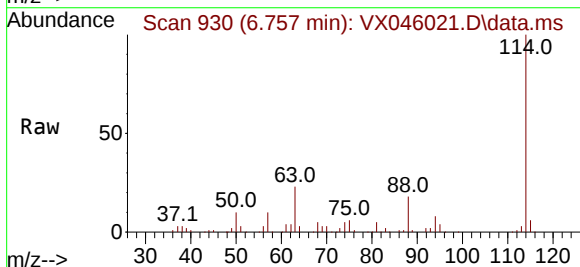
Tgt Ion: 114 Resp: 126035

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.8

88 18.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.124 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046021.D

Acq: 02 May 2025 12:41

Instrument :

MSVOA_X

ClientSampleId :

MH-R

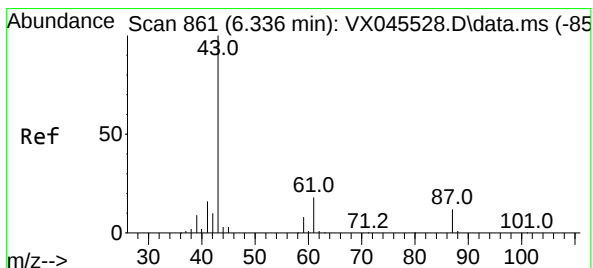
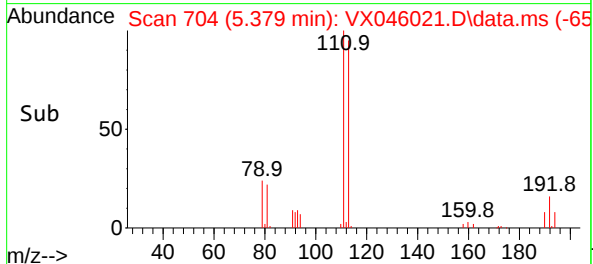
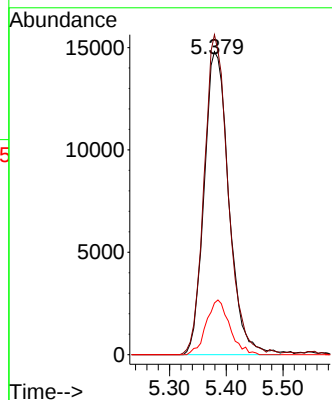
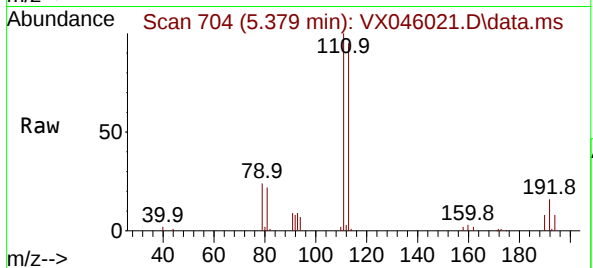
Tgt Ion:113 Resp: 44822

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 17.1 13.8 20.6



#43

Isopropyl Acetate

Concen: 5.063 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046021.D

Acq: 02 May 2025 12:41

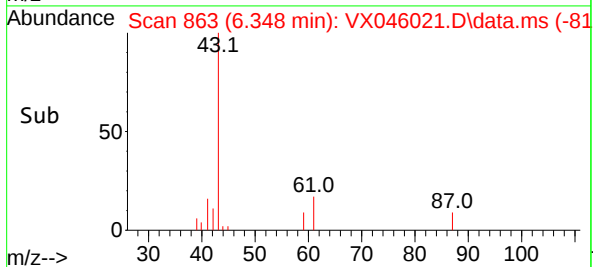
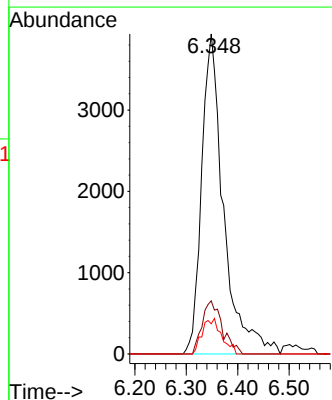
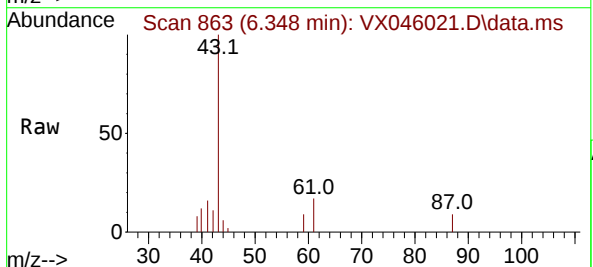
Tgt Ion: 43 Resp: 11676

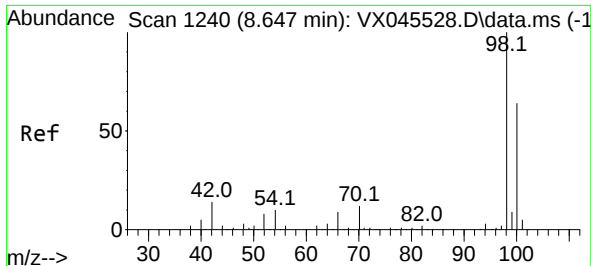
Ion Ratio Lower Upper

43 100

61 15.3 14.1 21.1

87 9.8 9.2 13.8

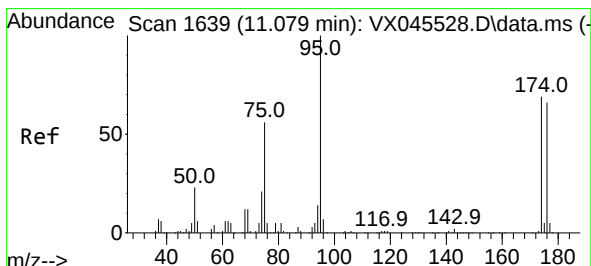
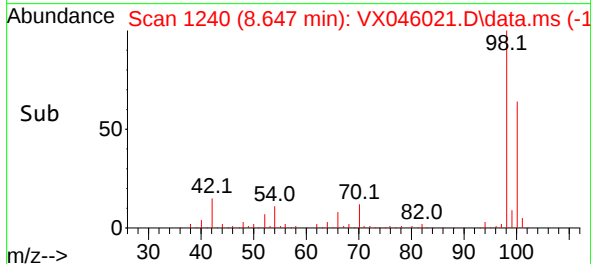
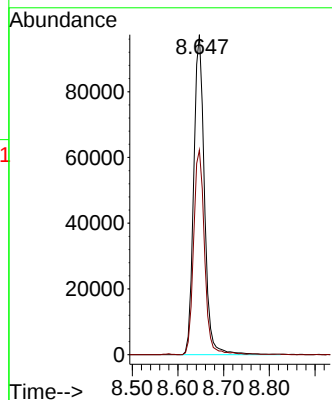
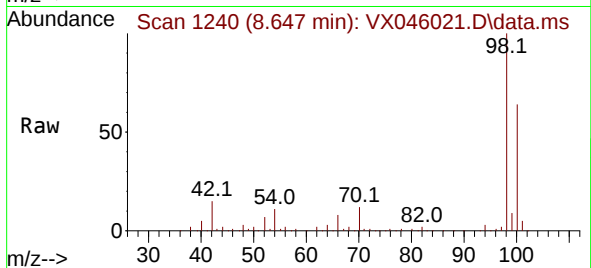




#50
Toluene-d8
Concen: 50.691 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

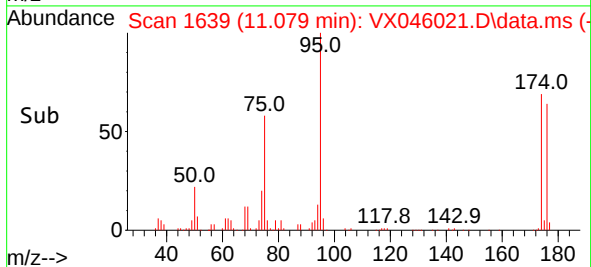
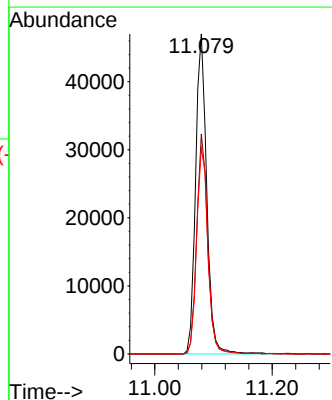
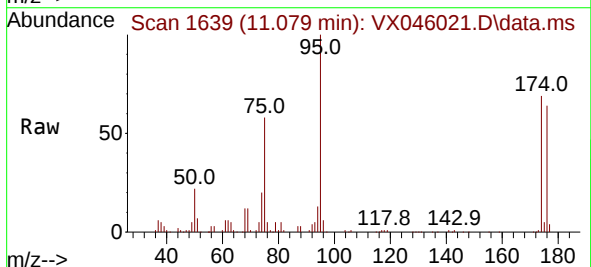
Instrument :
MSVOA_X
ClientSampleId :
MH-R

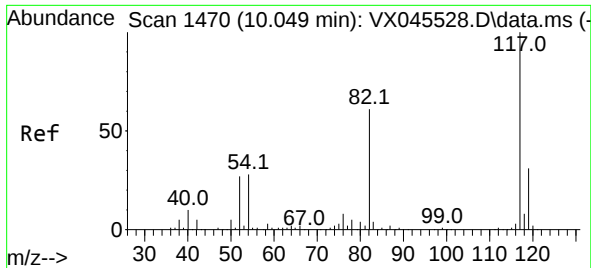
Tgt Ion: 98 Resp: 158215
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.314 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

Tgt Ion: 95 Resp: 61749
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 65.1 0.0 131.4

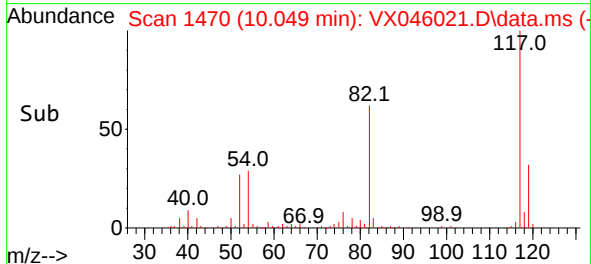
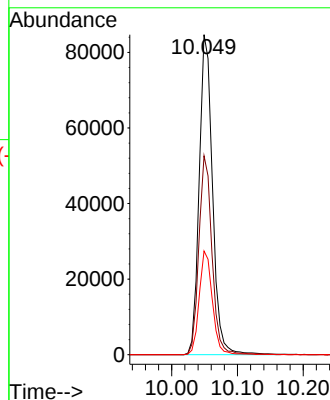
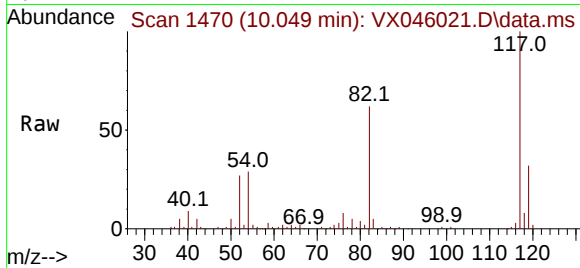




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046021.D
Acq: 02 May 2025 12:41

Instrument :
MSVOA_X
ClientSampleId :
MH-R

Tgt Ion:117 Resp: 119212
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 32.4 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: VX046021.D
Acq: 02 May 2025 12:41

Tgt Ion:152 Resp: 52343
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 157.9 0.0 349.4

