

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046035.D
 Acq On : 02 May 2025 18:09
 Operator : JC/MD
 Sample : Q1935-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-MM

Quant Time: May 02 23:20:53 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)

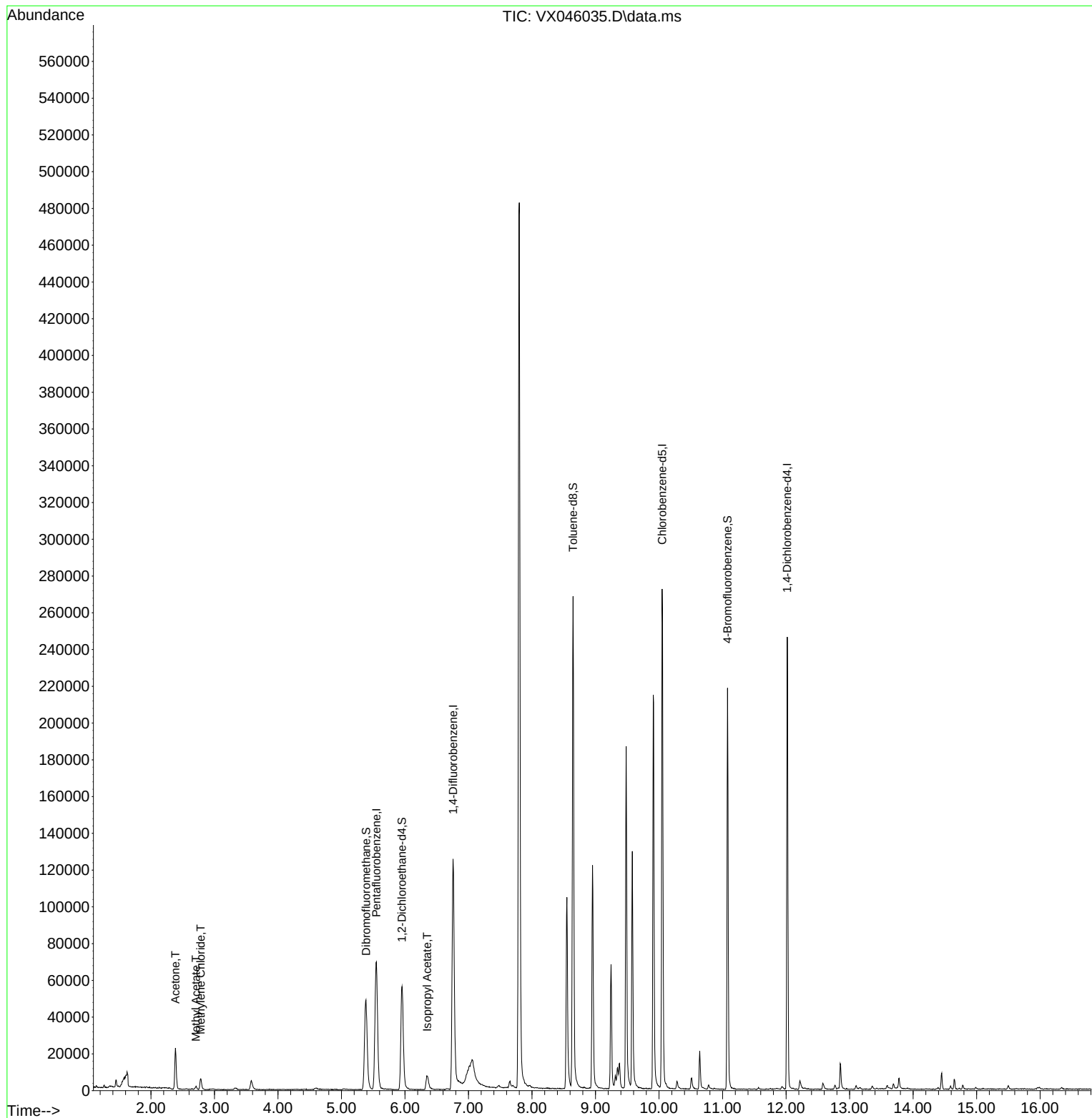
Internal Standards						
1) Pentafluorobenzene	5.550	168	59965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60131	54.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.660%		
35) Dibromofluoromethane	5.385	113	42872	50.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.400%		
50) Toluene-d8	8.647	98	151283	50.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 101.500%		
62) 4-Bromofluorobenzene	11.079	95	56564	52.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 104.180%		
Target Compounds						Qvalue
16) Acetone	2.386	43	24331	54.033	ug/l	98
18) Methyl Acetate	2.709	43	2302	2.220	ug/l	94
20) Methylene Chloride	2.782	84	2662	3.158	ug/l #	89
43) Isopropyl Acetate	6.348	43	12377	5.619	ug/l #	93

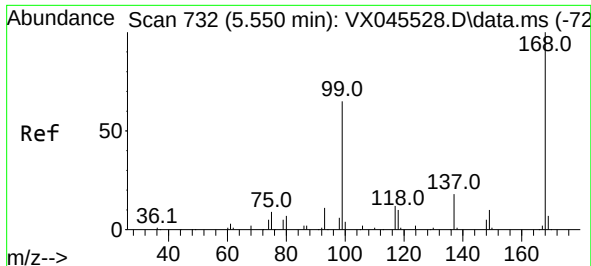
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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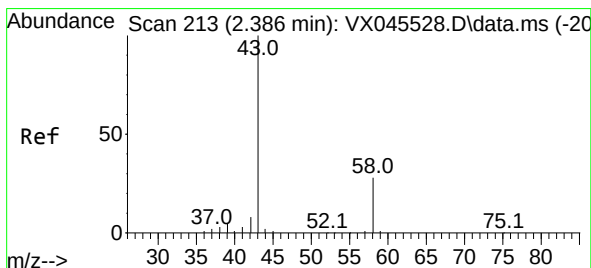
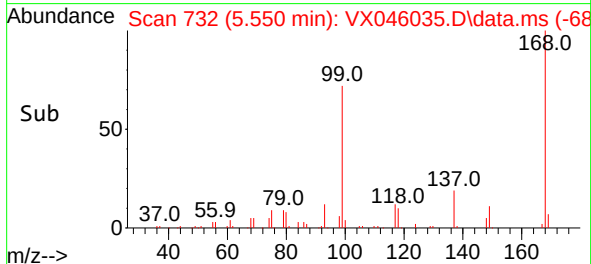
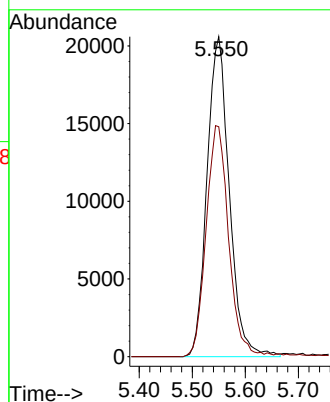
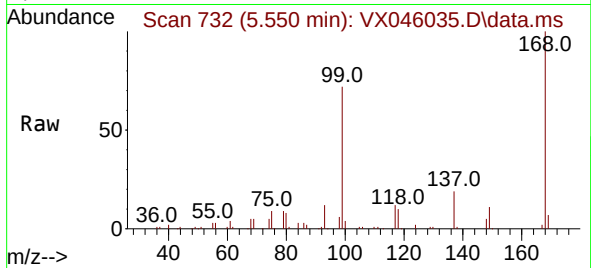




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

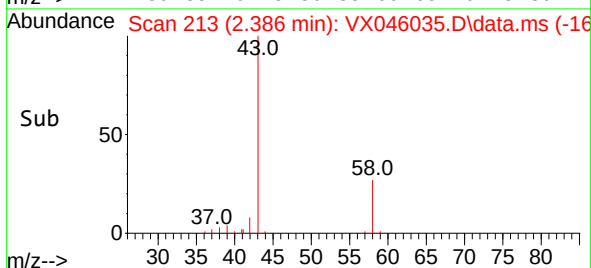
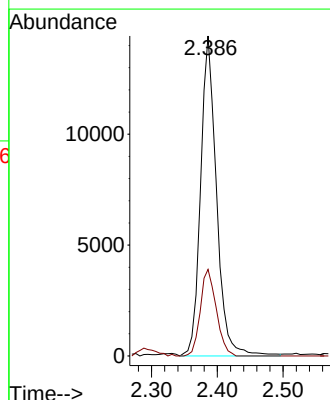
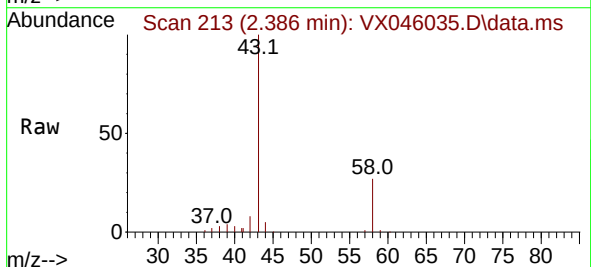
Instrument :
MSVOA_X
ClientSampleId :
MH-MM

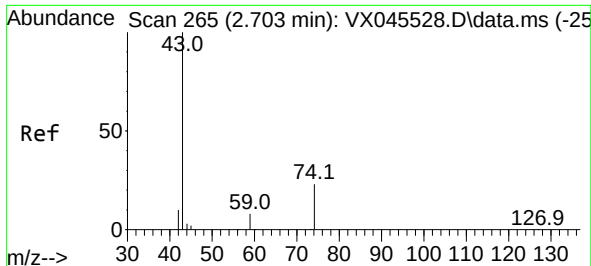
Tgt Ion:168 Resp: 59965
Ion Ratio Lower Upper
168 100
99 71.8 52.3 78.5



#16
Acetone
Concen: 54.033 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 43 Resp: 24331
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5





#18

Methyl Acetate

Concen: 2.220 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX046035.D

Acq: 02 May 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

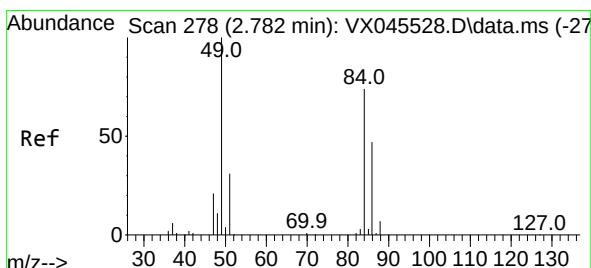
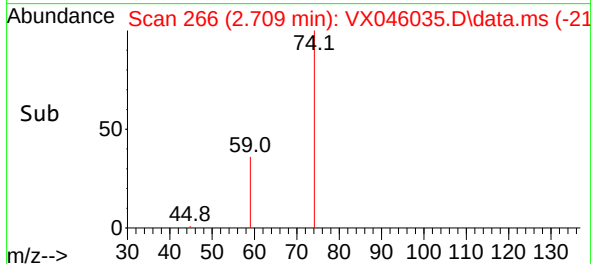
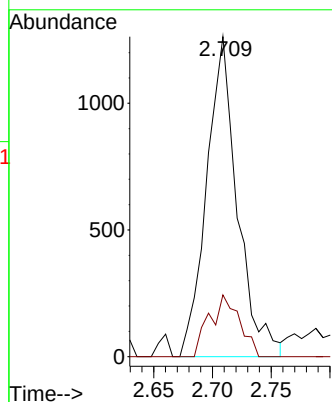
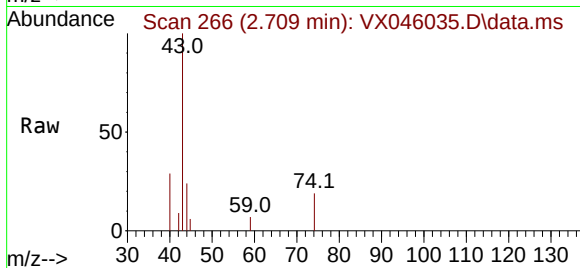
MH-MM

Tgt Ion: 43 Resp: 2302

Ion Ratio Lower Upper

43 100

74 18.8 17.5 26.3



#20

Methylene Chloride

Concen: 3.158 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX046035.D

Acq: 02 May 2025 18:09

Tgt Ion: 84 Resp: 2662

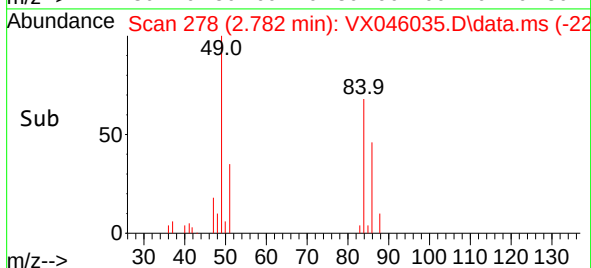
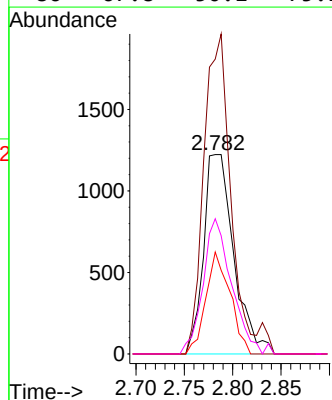
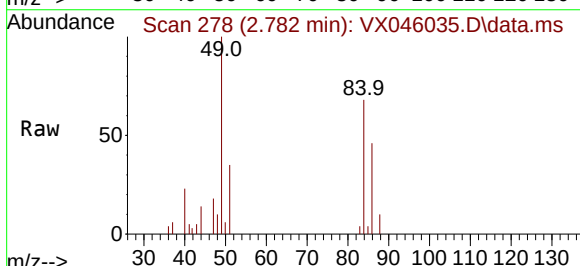
Ion Ratio Lower Upper

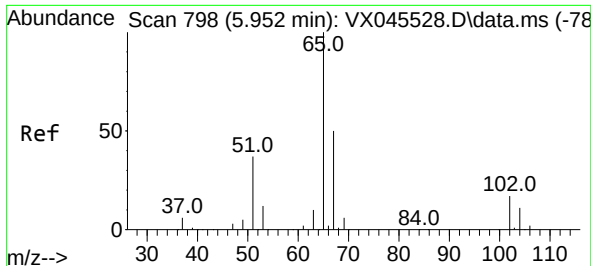
84 100

49 147.9 107.5 161.3

51 51.1 33.0 49.6#

86 67.8 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.834 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046035.D

Acq: 02 May 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

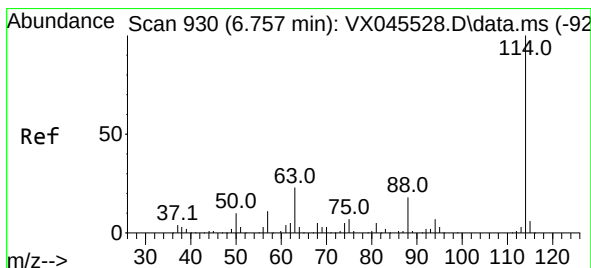
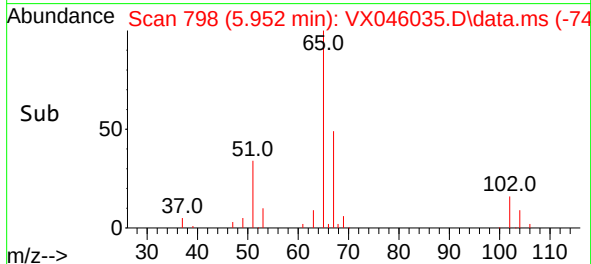
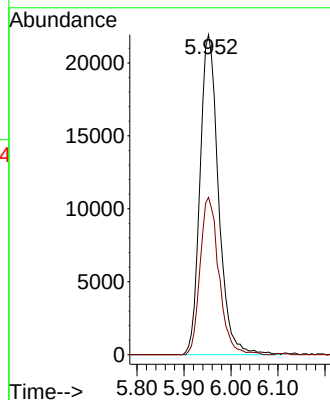
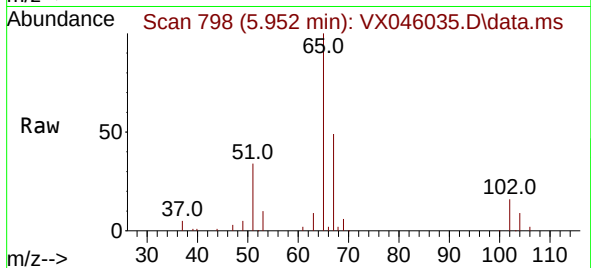
MH-MM

Tgt Ion: 65 Resp: 60131

Ion Ratio Lower Upper

65 100

67 50.0 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: VX046035.D

Acq: 02 May 2025 18:09

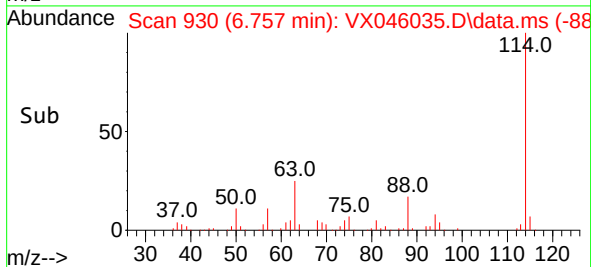
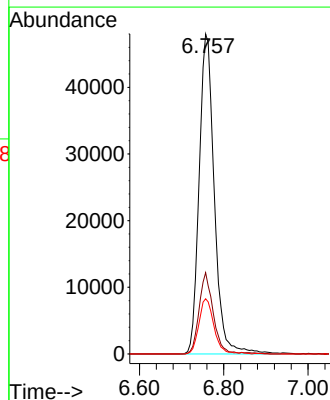
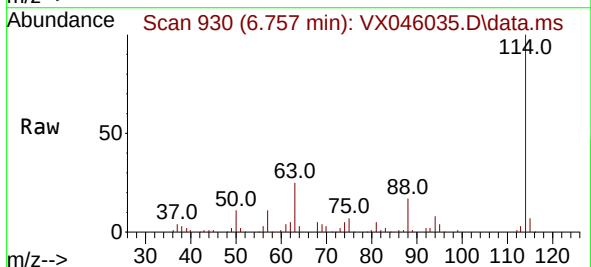
Tgt Ion: 114 Resp: 120378

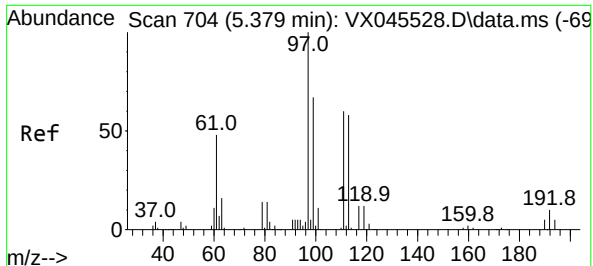
Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.8

88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.197 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046035.D

Acq: 02 May 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

MH-MM

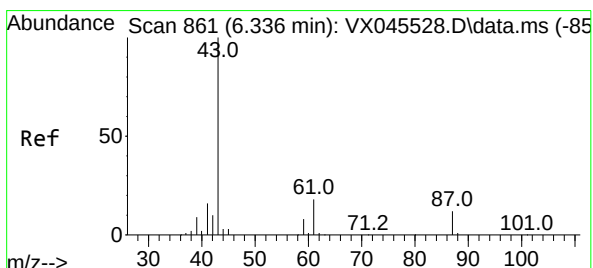
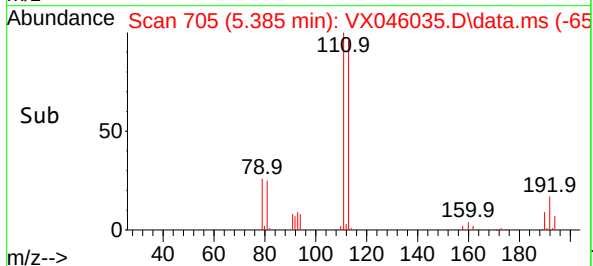
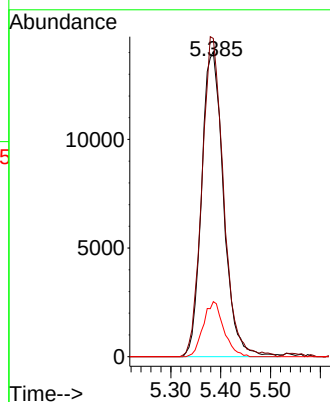
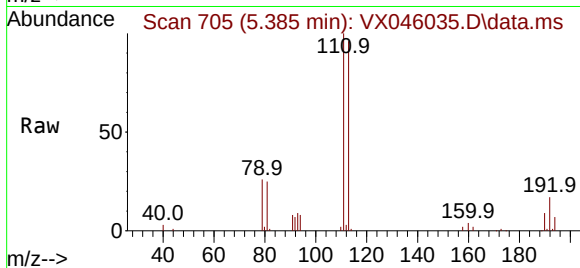
Tgt Ion:113 Resp: 42872

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 16.9 13.8 20.6



#43

Isopropyl Acetate

Concen: 5.619 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046035.D

Acq: 02 May 2025 18:09

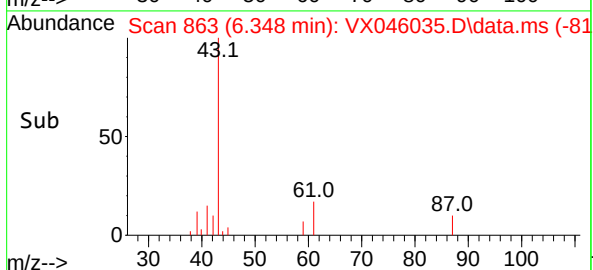
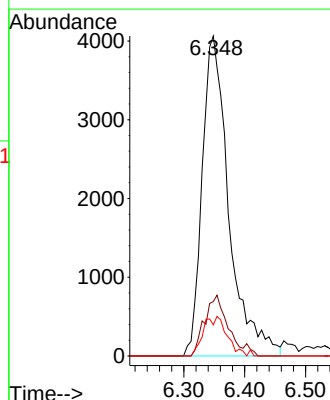
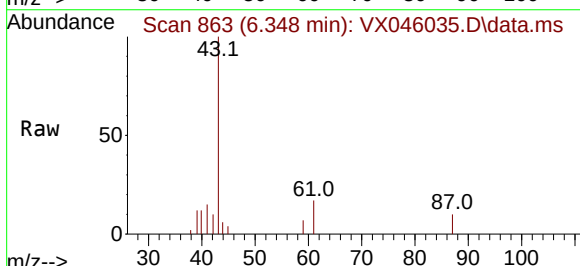
Tgt Ion: 43 Resp: 12377

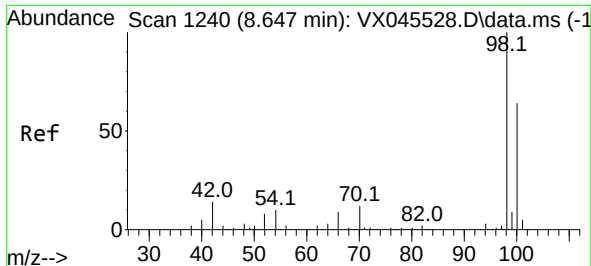
Ion Ratio Lower Upper

43 100

61 16.9 14.1 21.1

87 5.3 9.2 13.8#

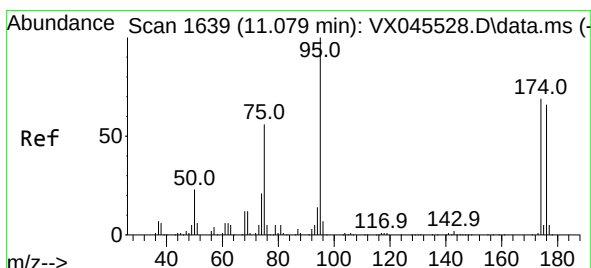
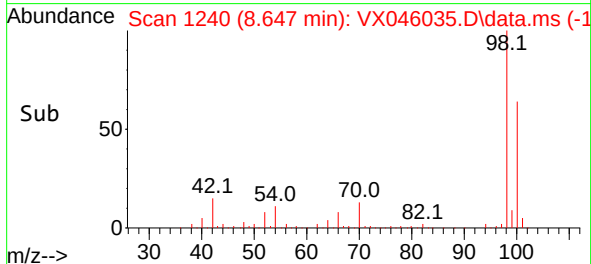
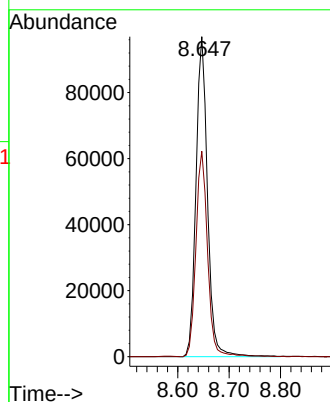
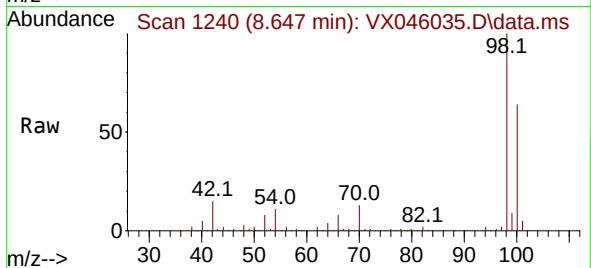




#50
Toluene-d8
Concen: 50.748 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

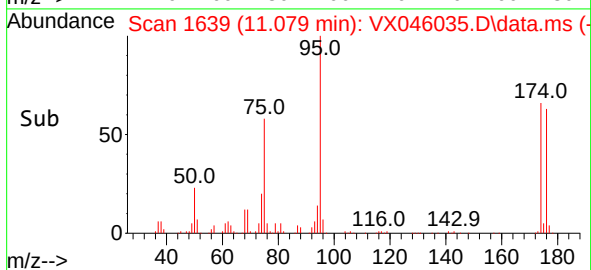
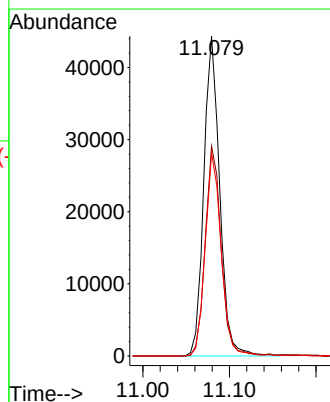
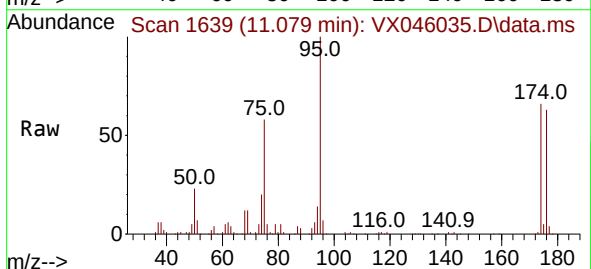
Instrument :
MSVOA_X
ClientSampleId :
MH-MM

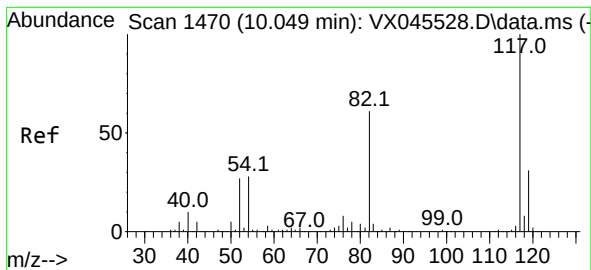
Tgt Ion: 98 Resp: 151283
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046035.D
Acq: 02 May 2025 18:09

Tgt Ion: 95 Resp: 56564
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.8
176 63.8 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: VX046035.D

Acq: 02 May 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

MH-MM

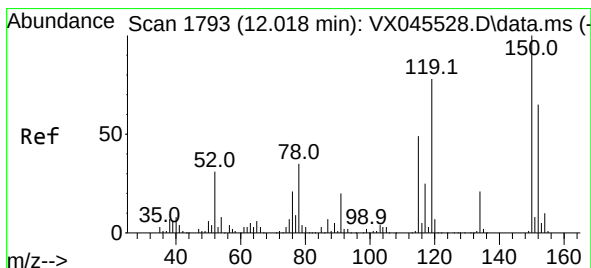
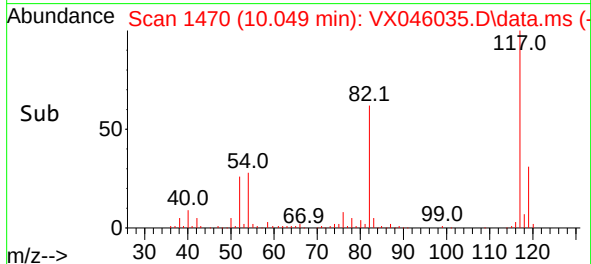
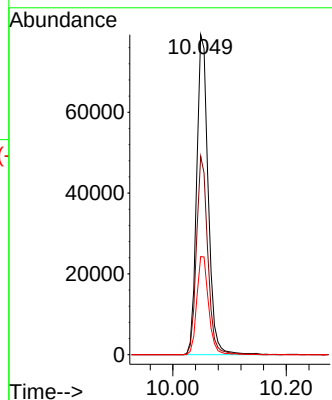
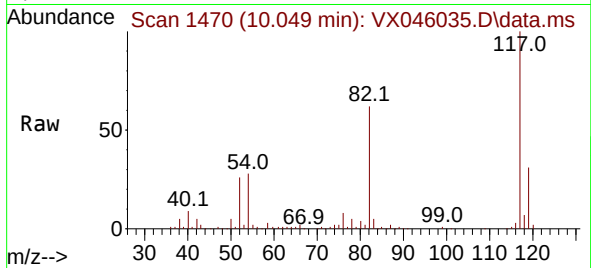
Tgt Ion:117 Resp: 111898

Ion Ratio Lower Upper

117 100

82 62.0 49.2 73.8

119 30.7 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: VX046035.D

Acq: 02 May 2025 18:09

Tgt Ion:152 Resp: 45137

Ion Ratio Lower Upper

152 100

115 65.6 46.9 140.7

150 158.6 0.0 349.4

