

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046022.D
 Acq On : 02 May 2025 13:04
 Operator : JC/MD
 Sample : Q1922-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-S

Quant Time: May 02 23:14:16 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)

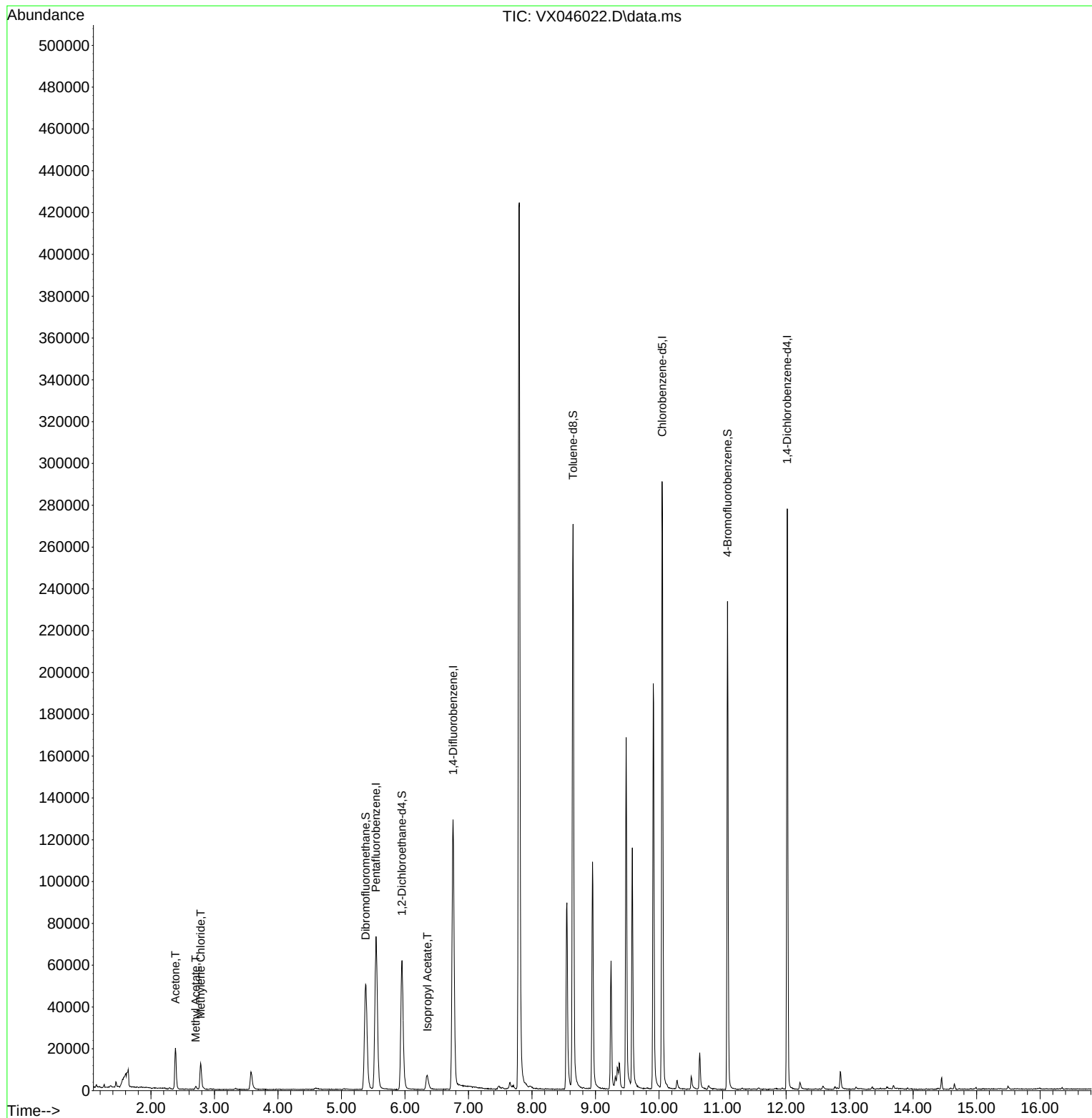
Internal Standards						
1) Pentafluorobenzene	5.544	168	60855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61817	55.547	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.100%	
35) Dibromofluoromethane	5.379	113	44501	50.957	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.920%	
50) Toluene-d8	8.647	98	154764	50.772	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.540%	
62) 4-Bromofluorobenzene	11.079	95	60811	54.770	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	109.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	22070	48.295	ug/l	96
18) Methyl Acetate	2.703	43	2054	1.952	ug/l	100
20) Methylene Chloride	2.782	84	5691	6.652	ug/l	96
43) Isopropyl Acetate	6.355	43	10310	4.578	ug/l	99

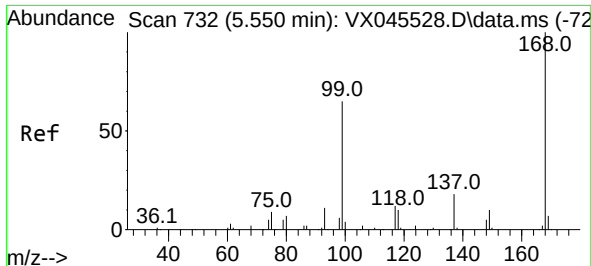
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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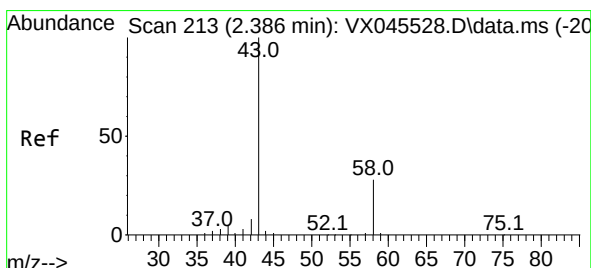
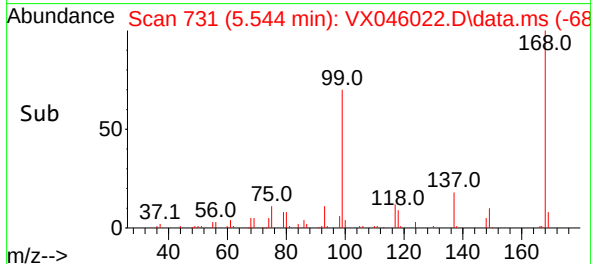
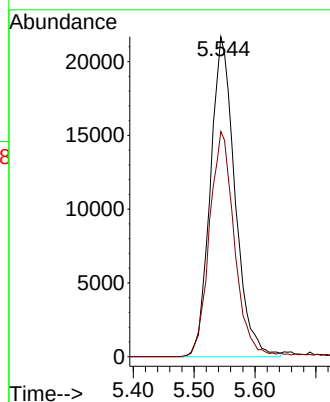
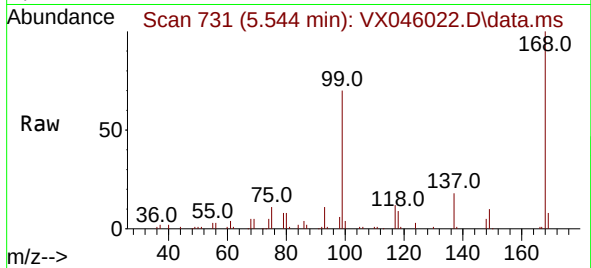




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX046022.D
Acq: 02 May 2025 13:04

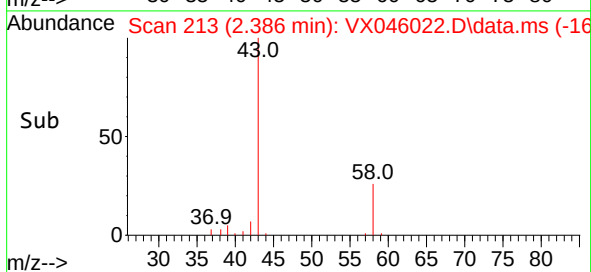
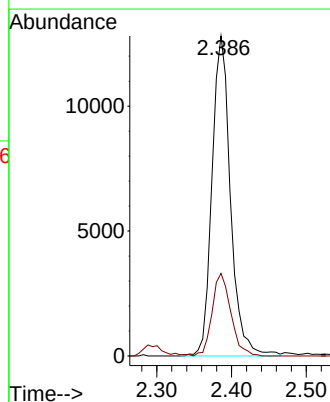
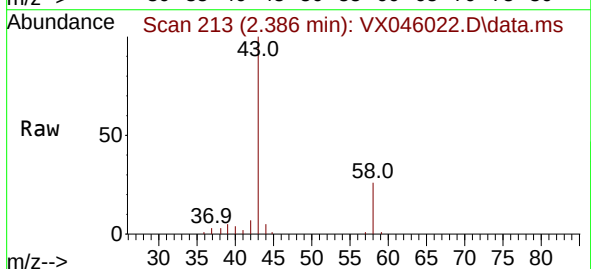
Instrument :
MSVOA_X
ClientSampleId :
MH-S

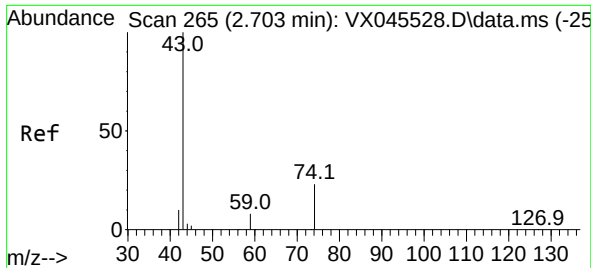
Tgt Ion:168 Resp: 60855
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#16
Acetone
Concen: 48.295 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046022.D
Acq: 02 May 2025 13:04

Tgt Ion: 43 Resp: 22070
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5

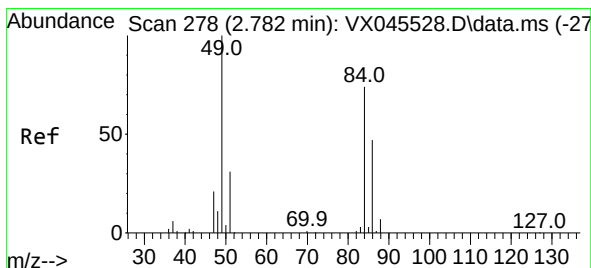
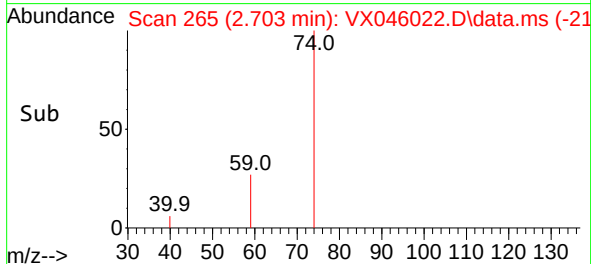
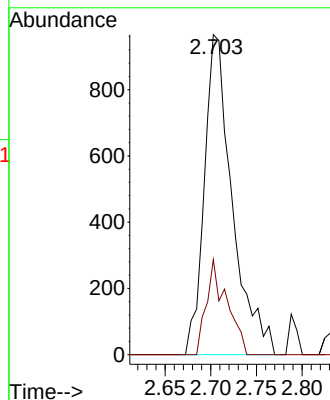
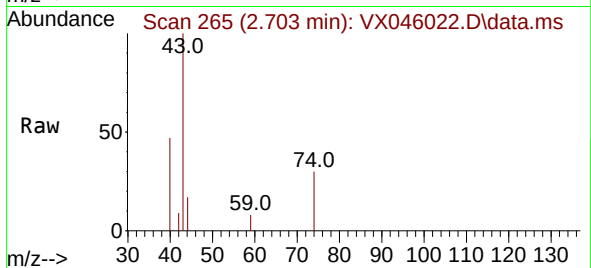




#18
Methyl Acetate
Concen: 1.952 ug/l
RT: 2.703 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VX046022.D
Acq: 02 May 2025 13:04

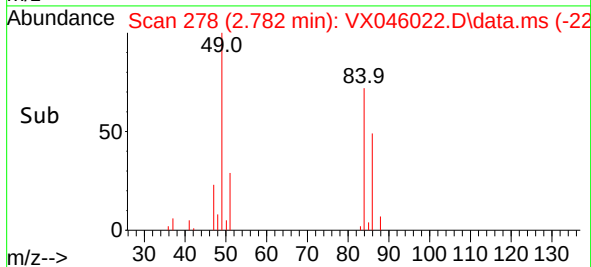
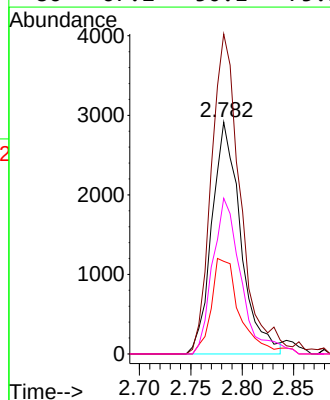
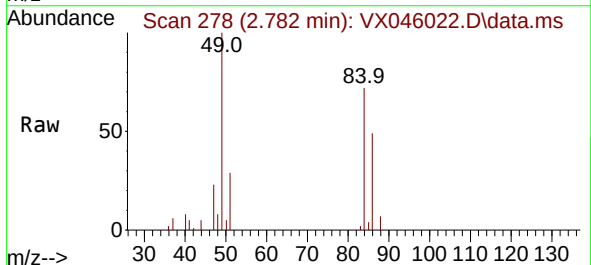
Instrument :
MSVOA_X
ClientSampleId :
MH-S

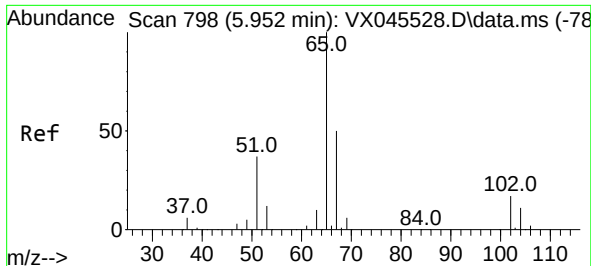
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 6.652 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046022.D
Acq: 02 May 2025 13:04

Tgt Ion: 84 Resp: 5691
Ion Ratio Lower Upper
84 100
49 138.1 107.5 161.3
51 40.0 33.0 49.6
86 67.2 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 55.547 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046022.D

Acq: 02 May 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

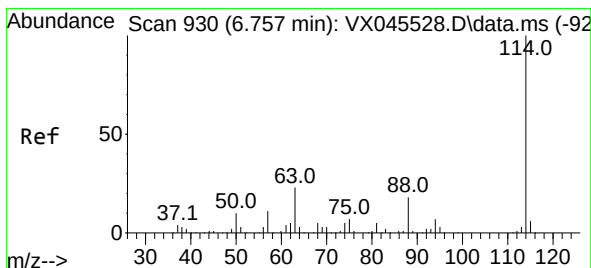
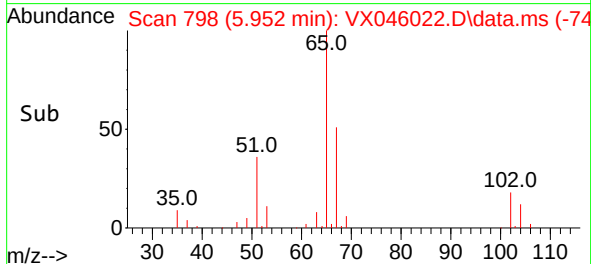
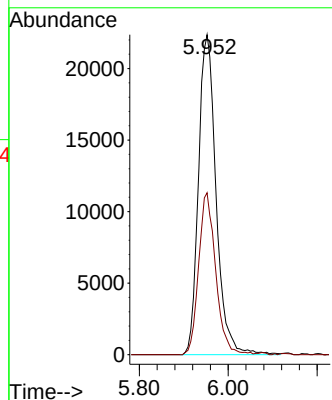
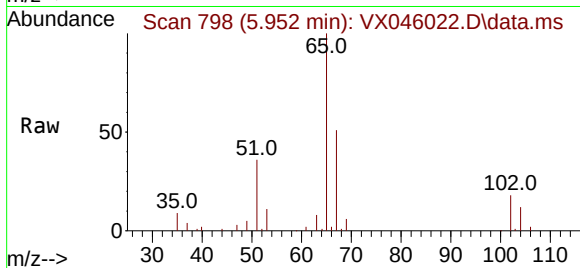
MH-S

Tgt Ion: 65 Resp: 61817

Ion Ratio Lower Upper

65 100

67 48.9 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: VX046022.D

Acq: 02 May 2025 13:04

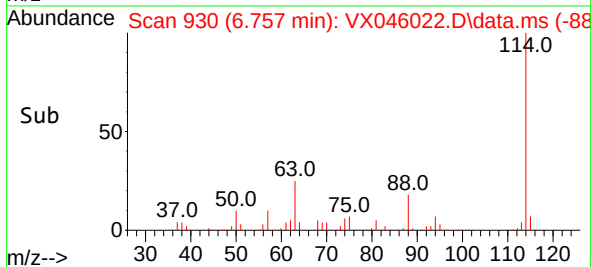
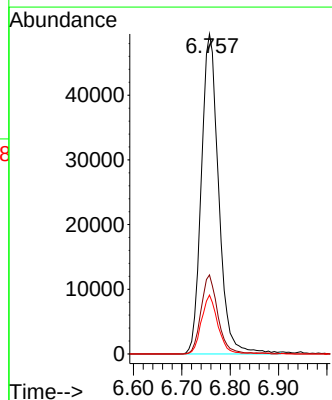
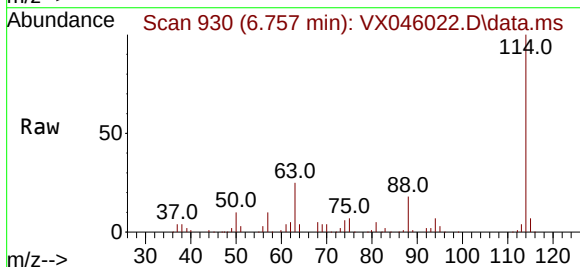
Tgt Ion: 114 Resp: 123088

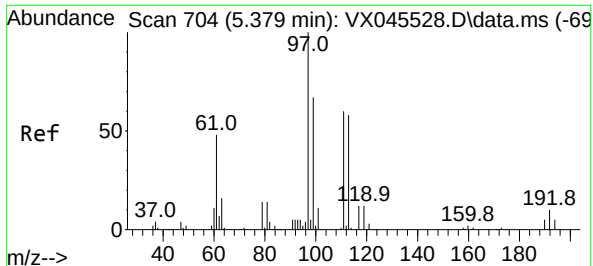
Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.8

88 18.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.957 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046022.D

Acq: 02 May 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

MH-S

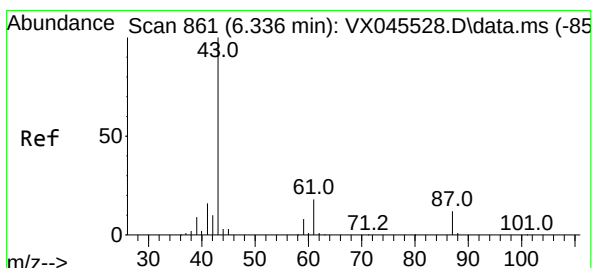
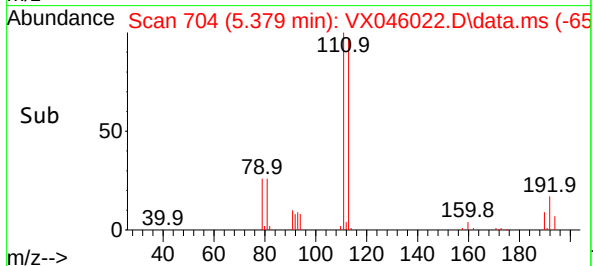
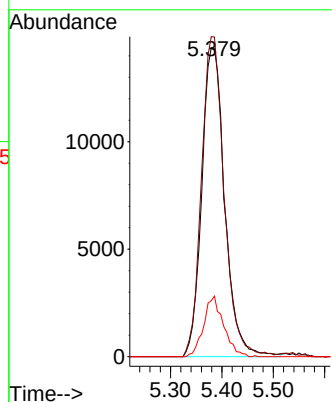
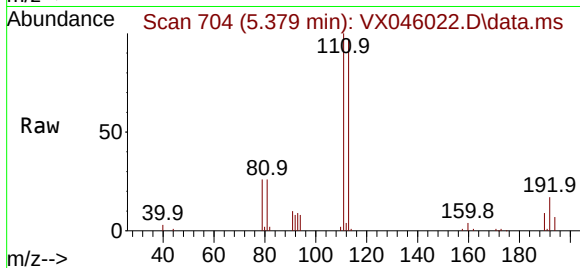
Tgt Ion:113 Resp: 44501

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

192 17.0 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.578 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX046022.D

Acq: 02 May 2025 13:04

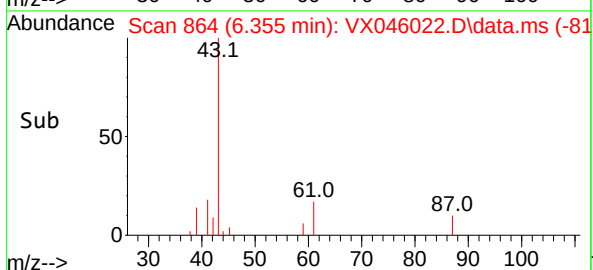
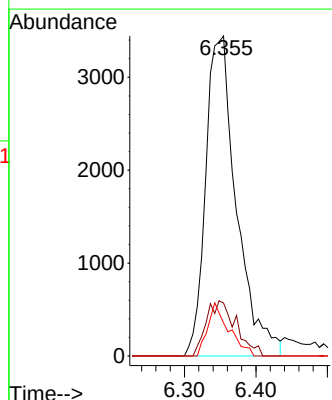
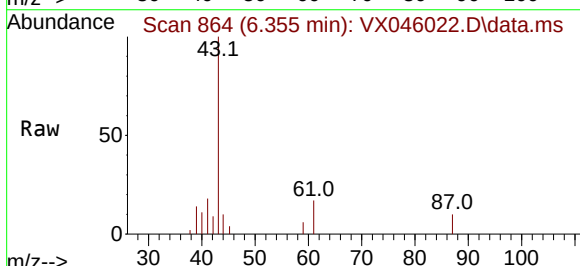
Tgt Ion: 43 Resp: 10310

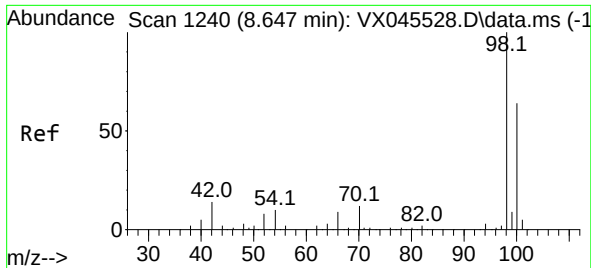
Ion Ratio Lower Upper

43 100

61 16.7 14.1 21.1

87 11.4 9.2 13.8

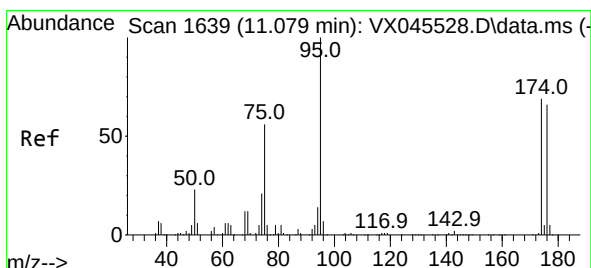
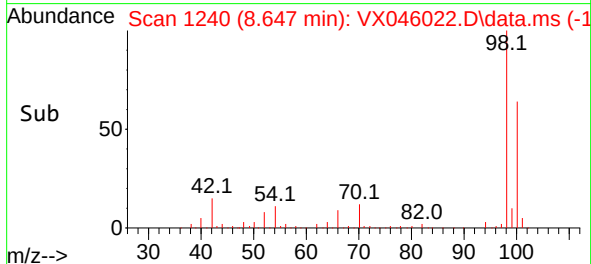
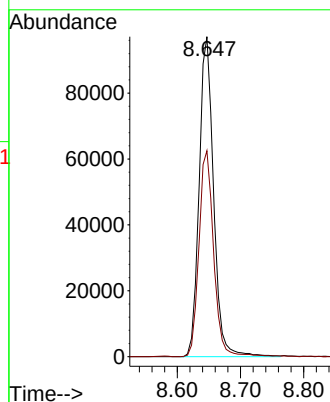
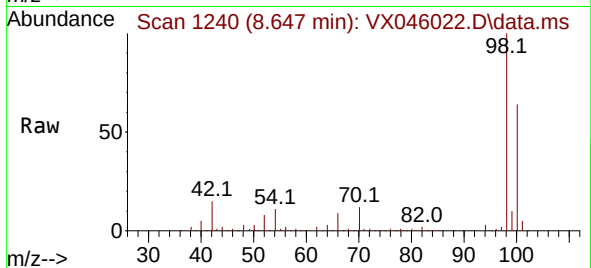




#50
Toluene-d8
Concen: 50.772 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046022.D
Acq: 02 May 2025 13:04

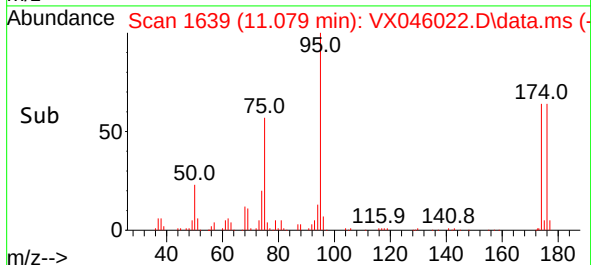
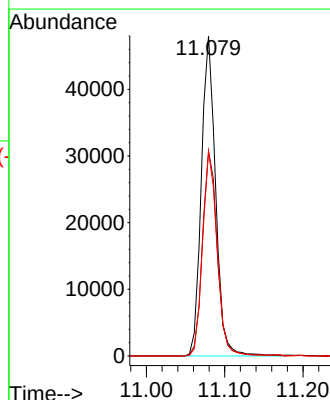
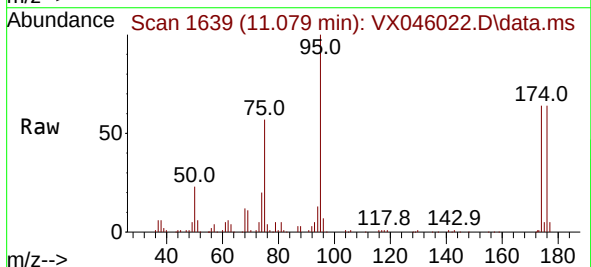
Instrument :
MSVOA_X
ClientSampleId :
MH-S

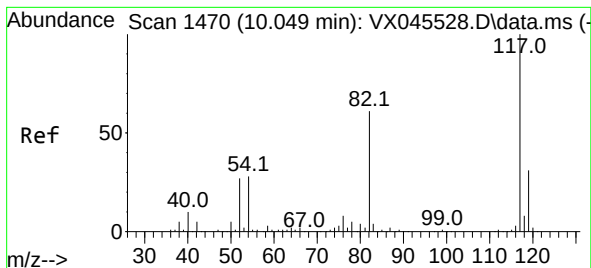
Tgt Ion: 98 Resp: 154764
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046022.D
Acq: 02 May 2025 13:04

Tgt Ion: 95 Resp: 60811
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.9 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: VX046022.D

Acq: 02 May 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

MH-S

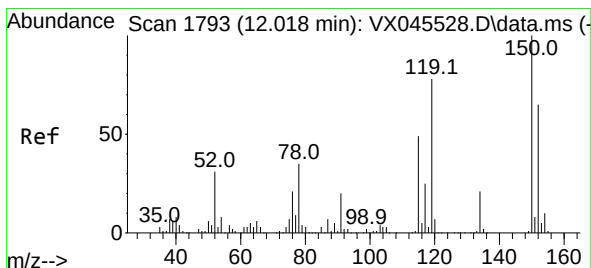
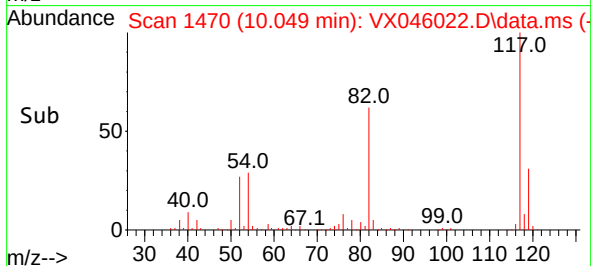
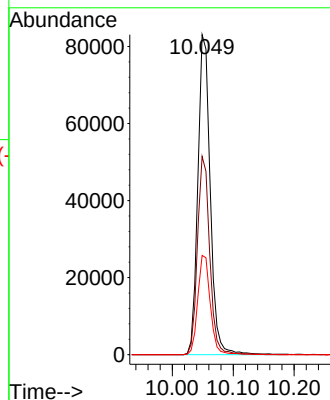
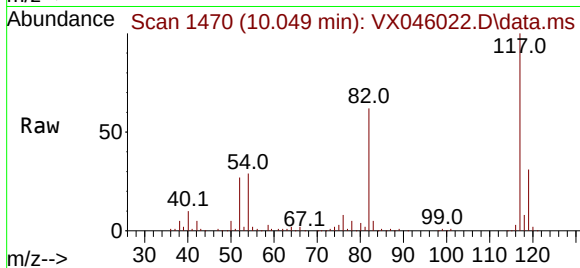
Tgt Ion:117 Resp: 117145

Ion Ratio Lower Upper

117 100

82 62.0 49.2 73.8

119 31.0 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: VX046022.D

Acq: 02 May 2025 13:04

Tgt Ion:152 Resp: 51381

Ion Ratio Lower Upper

152 100

115 65.9 46.9 140.7

150 158.6 0.0 349.4

