

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045655.D
 Acq On : 08 Apr 2025 16:21
 Operator : JC/MD
 Sample : Q1745-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IB-6A-WC

Quant Time: Apr 09 01:41:21 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)

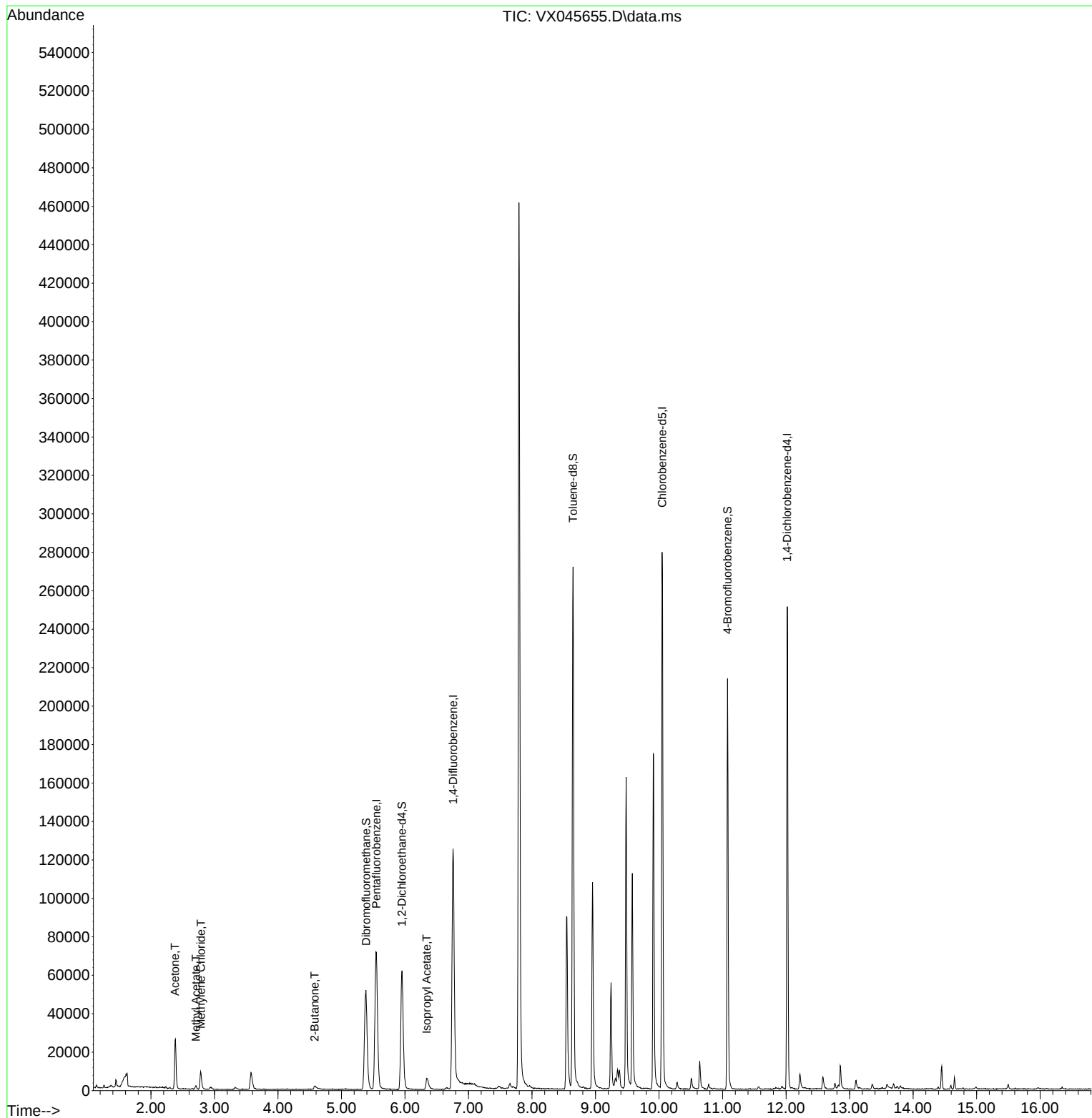
Internal Standards						
1) Pentafluorobenzene	5.550	168	61215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63067	56.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.680%
35) Dibromofluoromethane	5.385	113	44521	51.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	8.647	98	154694	50.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	56335	50.789	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.580%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	29032	63.157	ug/l	95
18) Methyl Acetate	2.709	43	2545	2.405	ug/l	93
20) Methylene Chloride	2.788	84	4334	5.036	ug/l	83
25) 2-Butanone	4.574	43	3880	5.766	ug/l	96
43) Isopropyl Acetate	6.342	43	9235	4.105	ug/l	98

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

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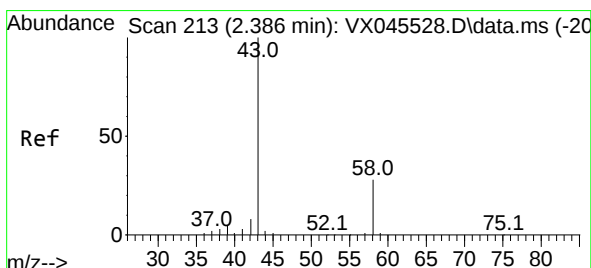
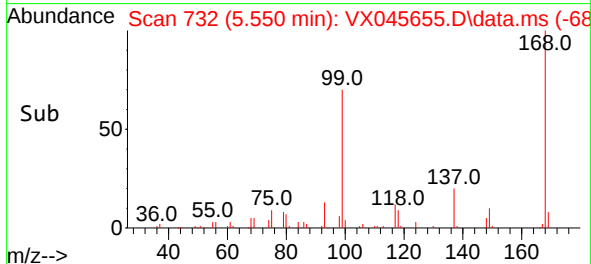
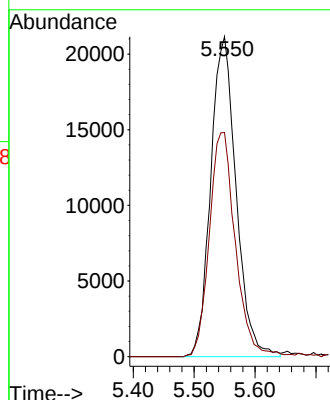
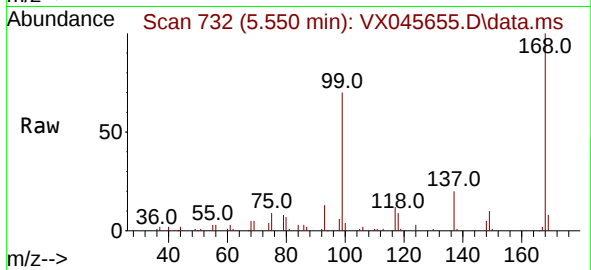




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

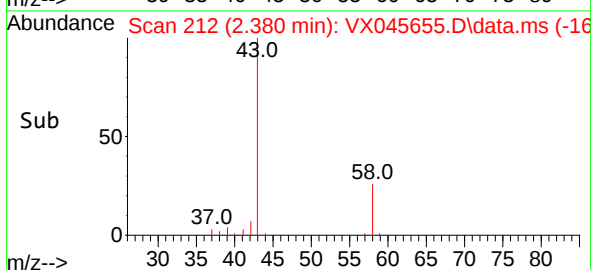
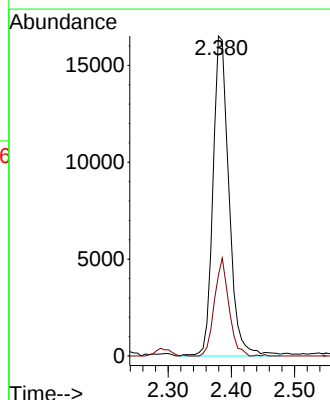
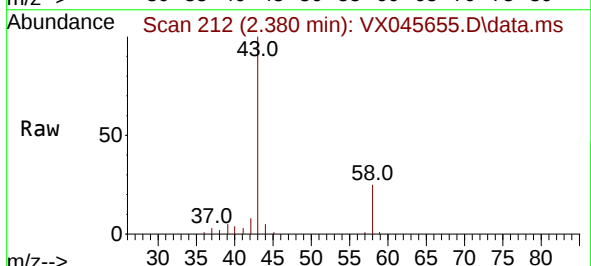
Instrument :
MSVOA_X
ClientSampleId :
IB-6A-WC

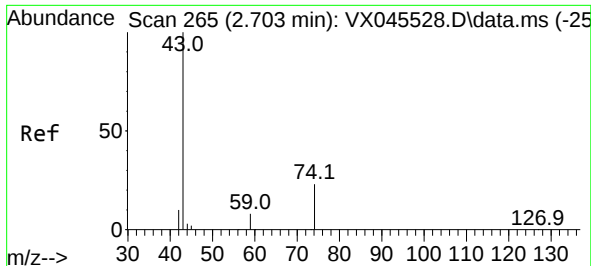
Tgt Ion:168 Resp: 61215
Ion Ratio Lower Upper
168 100
99 70.1 52.3 78.5



#16
Acetone
Concen: 63.157 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

Tgt Ion: 43 Resp: 29032
Ion Ratio Lower Upper
43 100
58 25.3 22.3 33.5

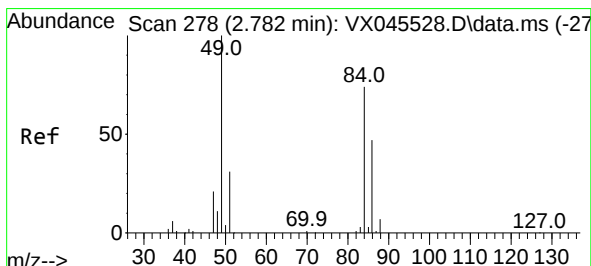
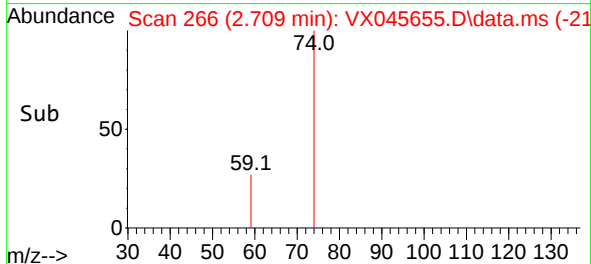
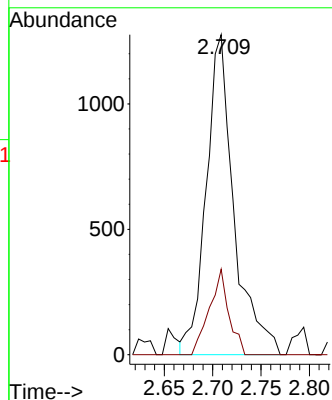
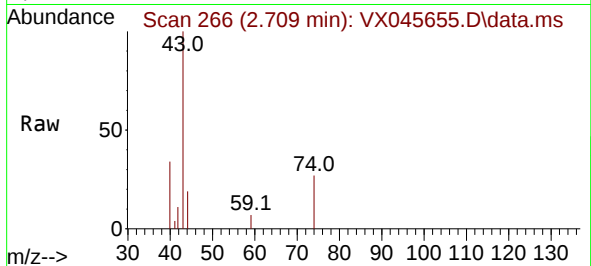




#18
Methyl Acetate
Concen: 2.405 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

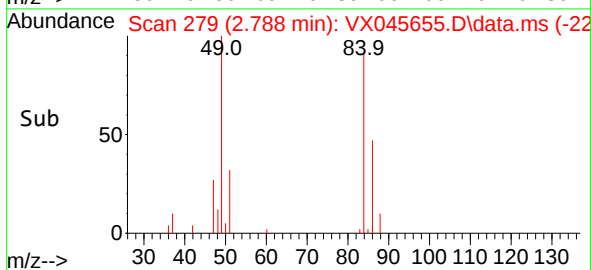
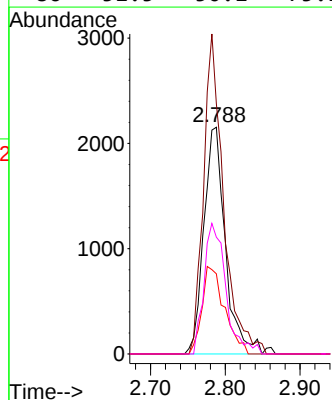
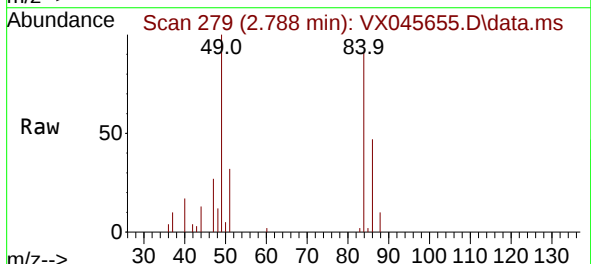
Instrument :
MSVOA_X
ClientSampleId :
IB-6A-WC

Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
74 18.7 17.5 26.3



#20
Methylene Chloride
Concen: 5.036 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

Tgt Ion: 84 Resp: 4334
Ion Ratio Lower Upper
84 100
49 110.4 107.5 161.3
51 35.3 33.0 49.6
86 51.5 50.1 75.1

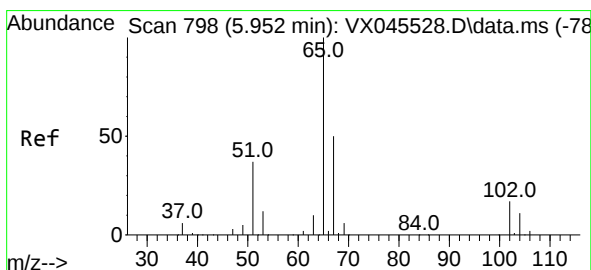
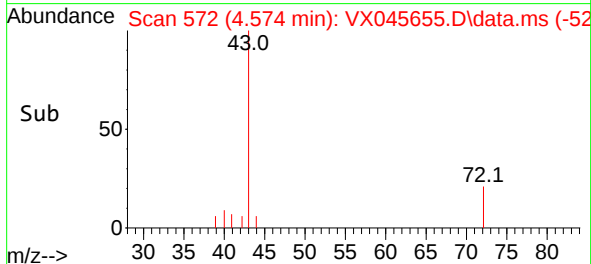
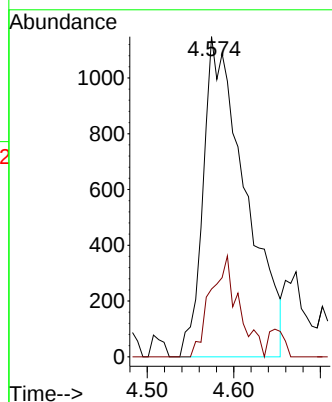
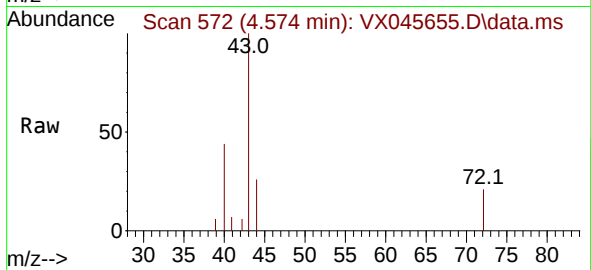




#25
2-Butanone
Concen: 5.766 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

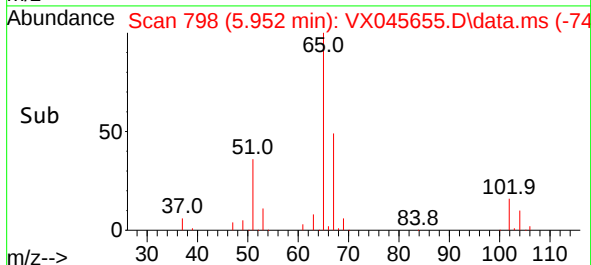
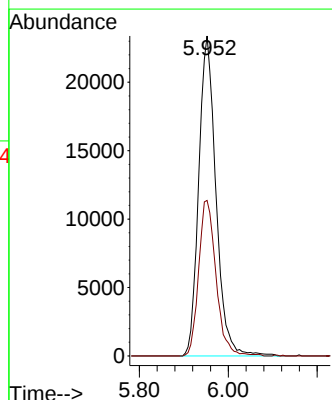
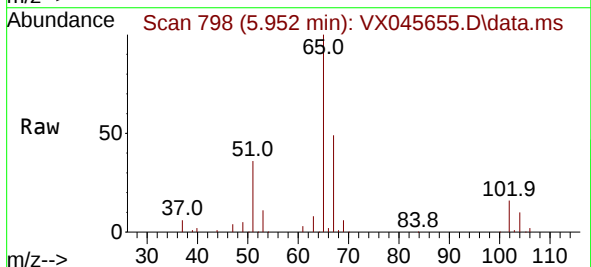
Instrument :
MSVOA_X
ClientSampleId :
IB-6A-WC

Tgt Ion: 43 Resp: 3880
Ion Ratio Lower Upper
43 100
72 21.2 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 56.337 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

Tgt Ion: 65 Resp: 63067
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

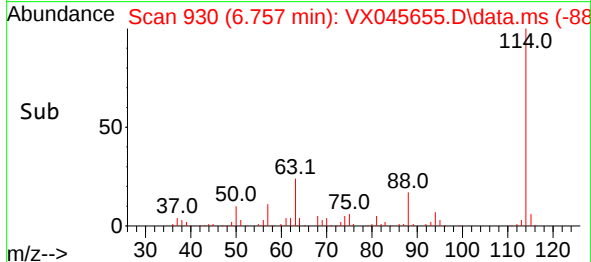
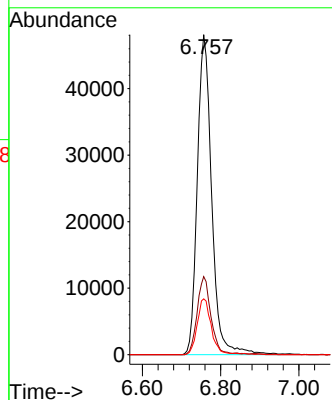
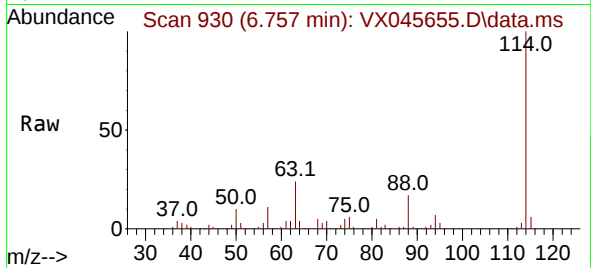




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

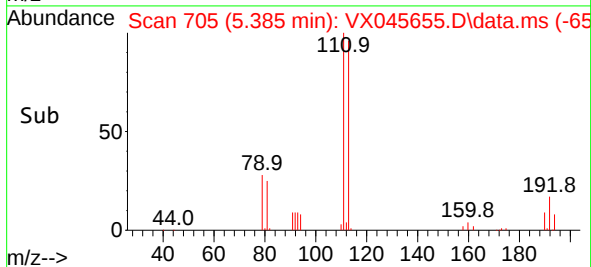
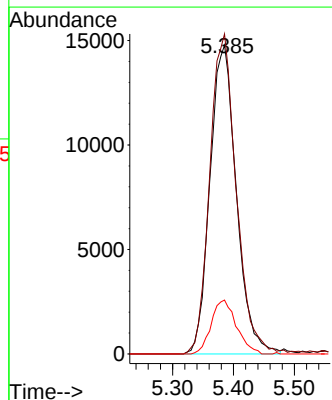
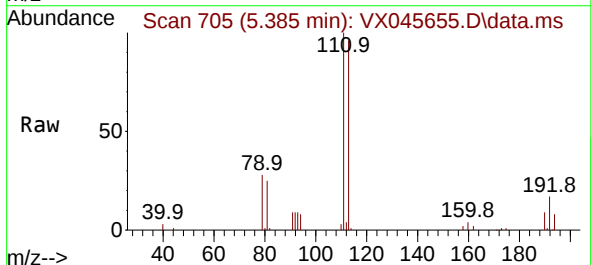
Instrument :
MSVOA_X
ClientSampleId :
IB-6A-WC

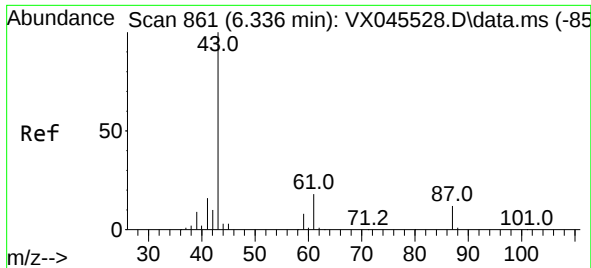
Tgt Ion:114 Resp: 122965
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.031 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

Tgt Ion:113 Resp: 44521
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.7 13.8 20.6

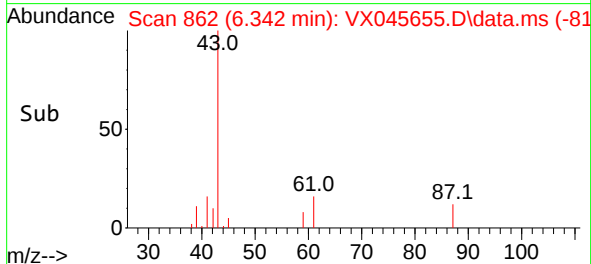
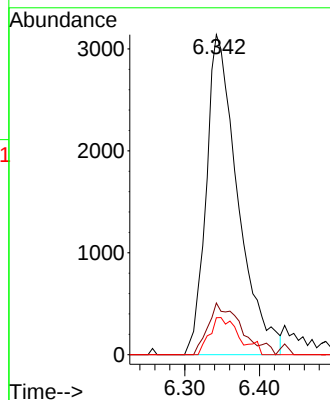
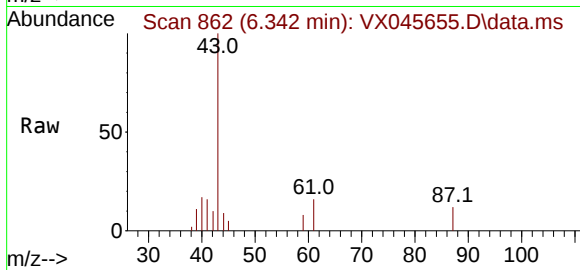




#43
Isopropyl Acetate
Concen: 4.105 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

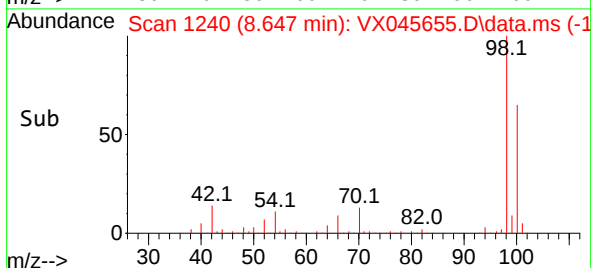
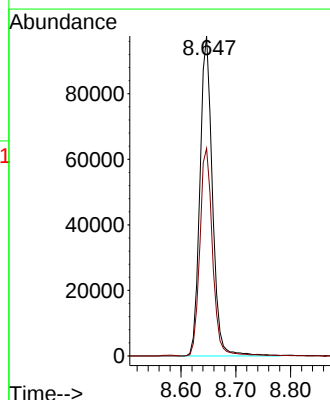
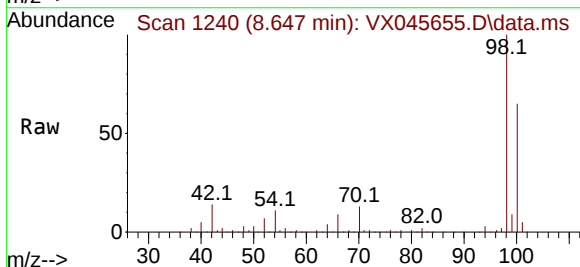
Instrument :
MSVOA_X
ClientSampleId :
IB-6A-WC

Tgt Ion: 43 Resp: 9235
Ion Ratio Lower Upper
43 100
61 16.8 14.1 21.1
87 10.8 9.2 13.8



#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045655.D
Acq: 08 Apr 2025 16:21

Tgt Ion: 98 Resp: 154694
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 50.789 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045655.D

Acq: 08 Apr 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

IB-6A-WC

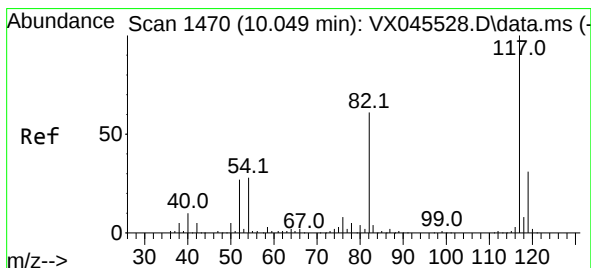
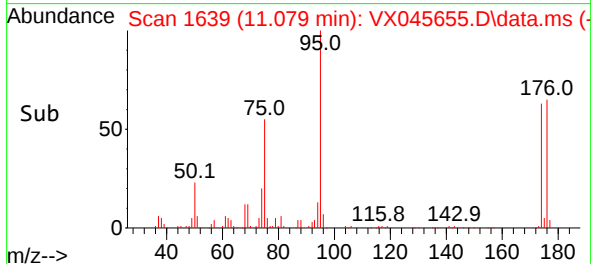
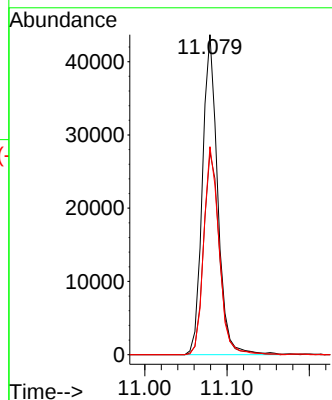
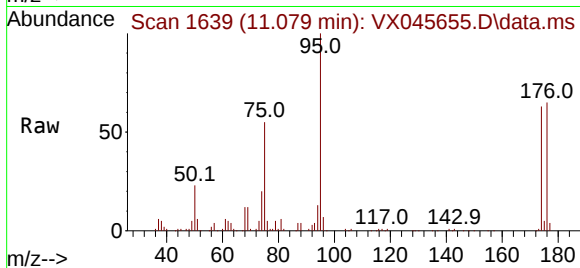
Tgt Ion: 95 Resp: 56335

Ion Ratio Lower Upper

95 100

174 65.8 0.0 135.8

176 65.3 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: VX045655.D

Acq: 08 Apr 2025 16:21

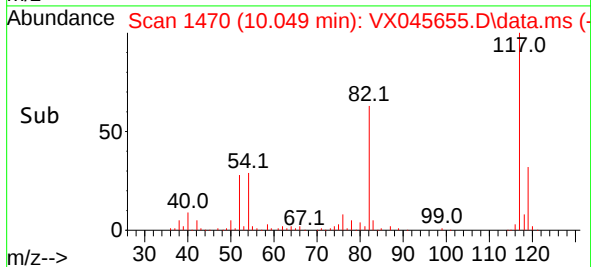
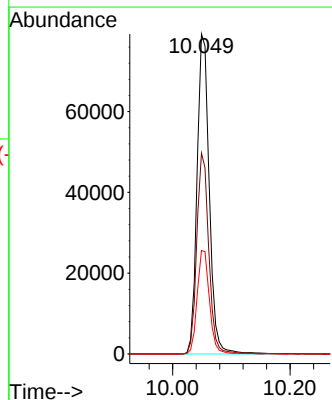
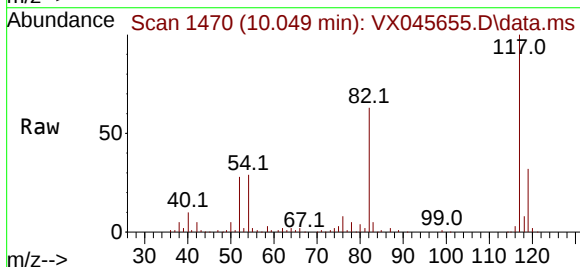
Tgt Ion: 117 Resp: 114251

Ion Ratio Lower Upper

117 100

82 62.8 49.2 73.8

119 32.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045655.D

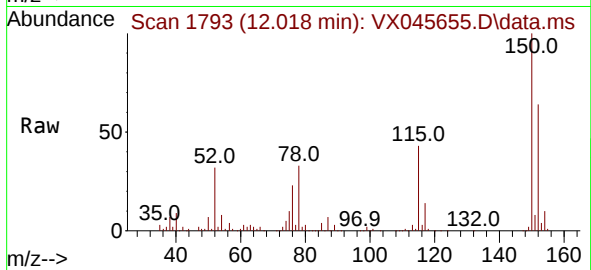
Acq: 08 Apr 2025 16:21

Instrument :

MSVOA_X

ClientSampleId :

IB-6A-WC



Tgt Ion:152 Resp: 46512

Ion Ratio Lower Upper

152 100

115 65.7 46.9 140.7

150 156.2 0.0 349.4

