

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045658.D
 Acq On : 08 Apr 2025 17:31
 Operator : JC/MD
 Sample : Q1745-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IB-6.5-WC

Quant Time: Apr 09 01:42:48 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)

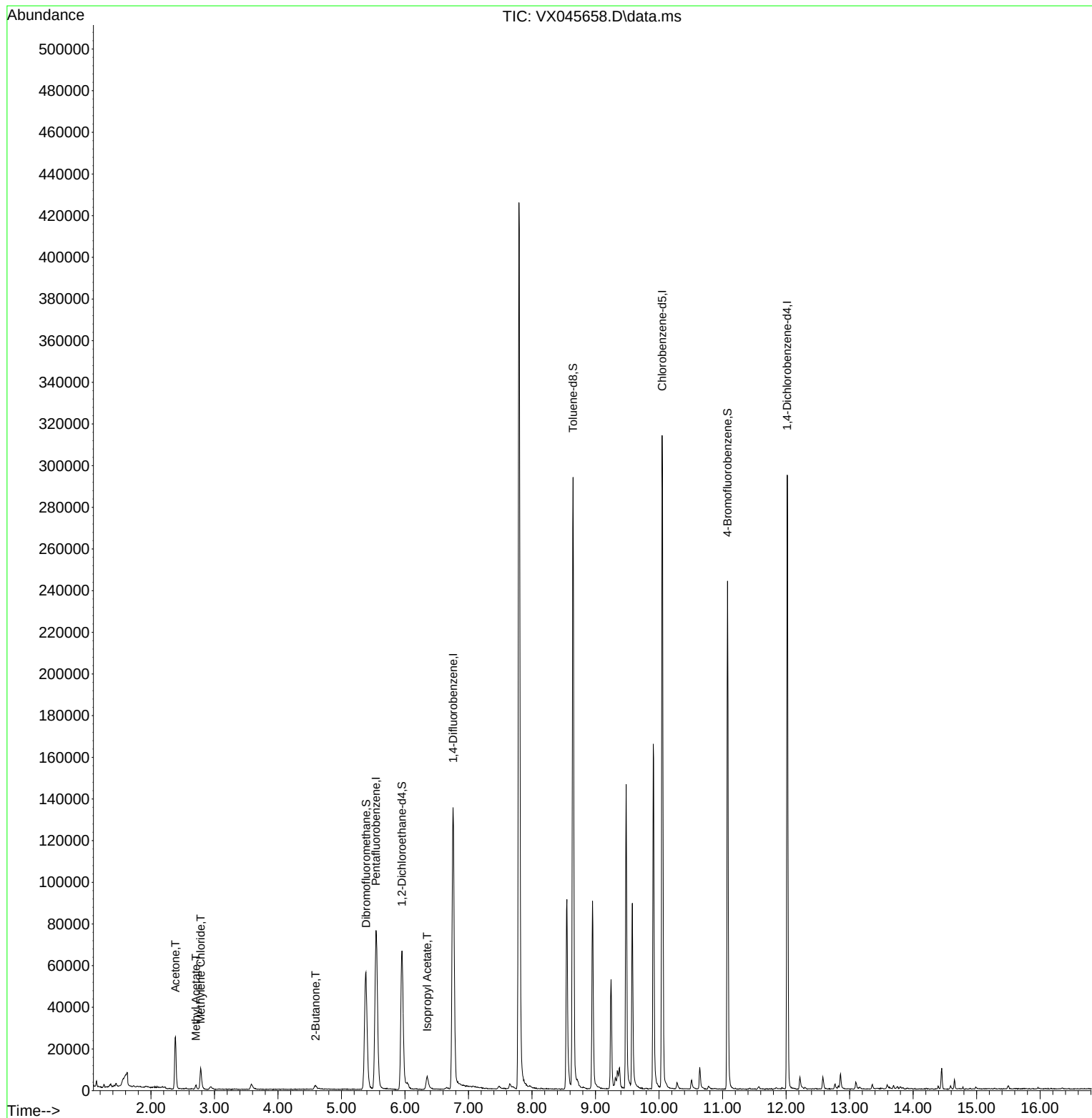
Internal Standards						
1) Pentafluorobenzene	5.544	168	63634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67949	58.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.780%
35) Dibromofluoromethane	5.385	113	48605	52.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	8.647	98	167623	51.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.240%
62) 4-Bromofluorobenzene	11.079	95	63055	53.306	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.620%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	27864	58.311	ug/l	100
18) Methyl Acetate	2.709	43	2342	2.129	ug/l #	86
20) Methylene Chloride	2.782	84	4117	4.602	ug/l	98
25) 2-Butanone	4.593	43	4198	6.002	ug/l	95
43) Isopropyl Acetate	6.348	43	9595	3.999	ug/l	97

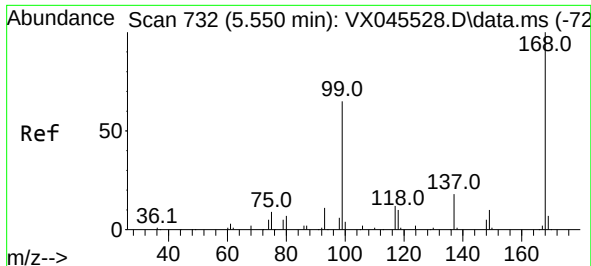
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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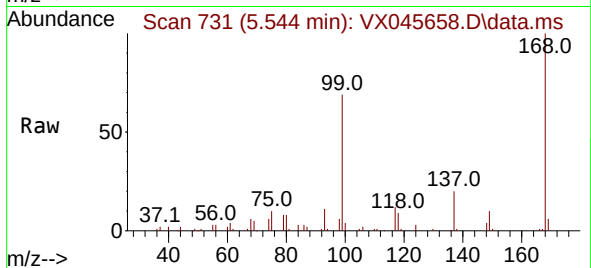
Quant Time: Apr 09 01:42:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



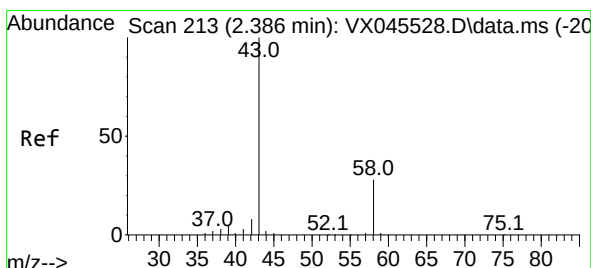
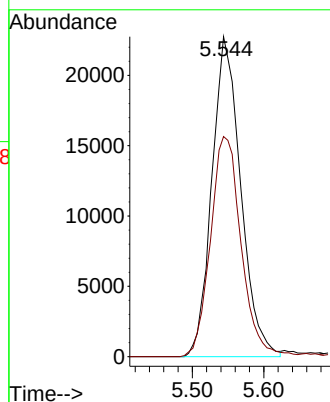
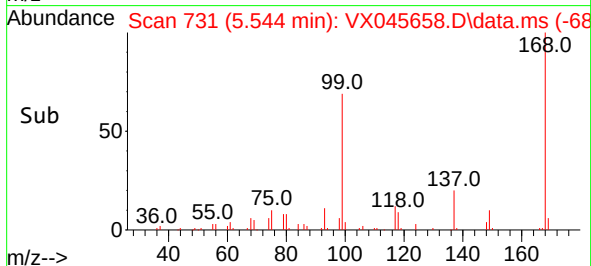


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

Instrument :
MSVOA_X
ClientSampleId :
IB-6.5-WC

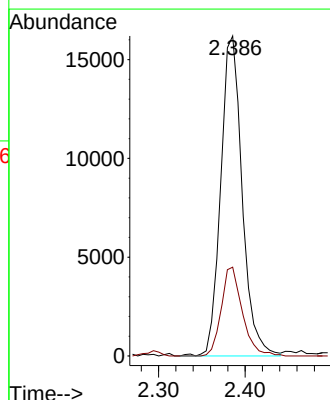
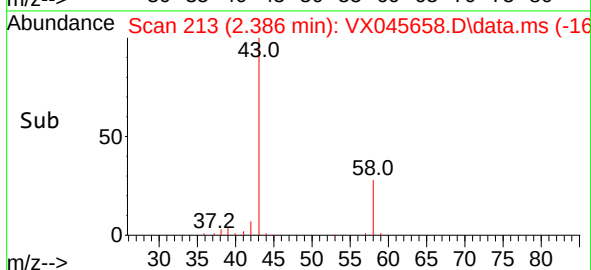
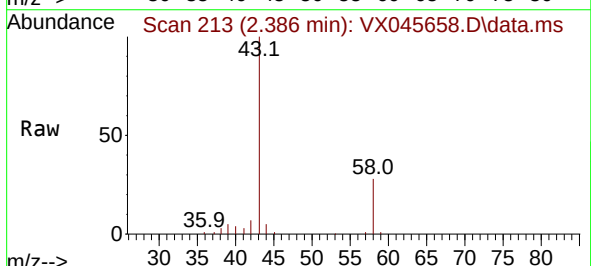


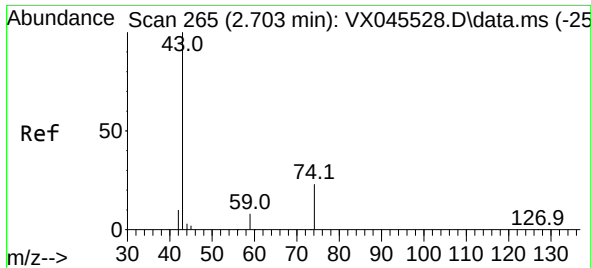
Tgt Ion:168 Resp: 63634
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5



#16
Acetone
Concen: 58.311 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

Tgt Ion: 43 Resp: 27864
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5

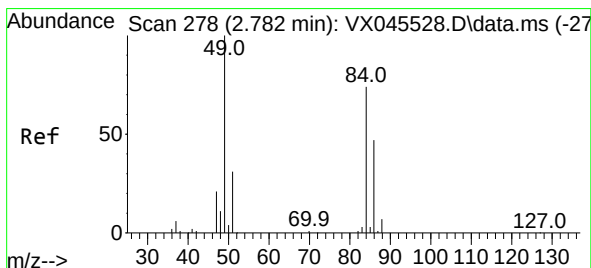
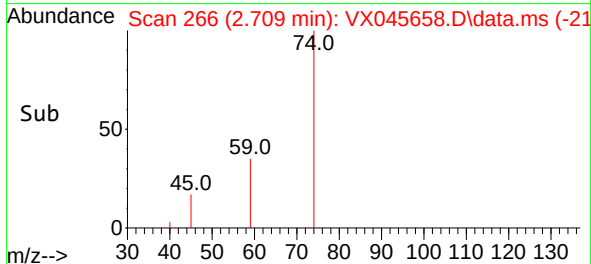
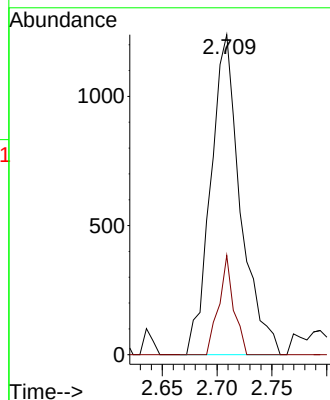
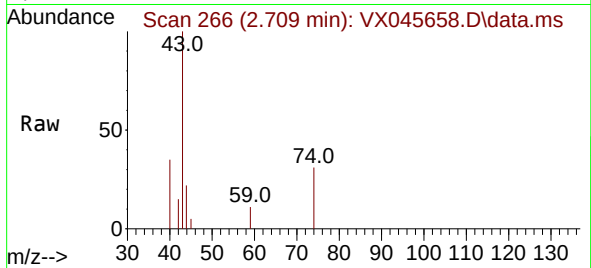




#18
Methyl Acetate
Concen: 2.129 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

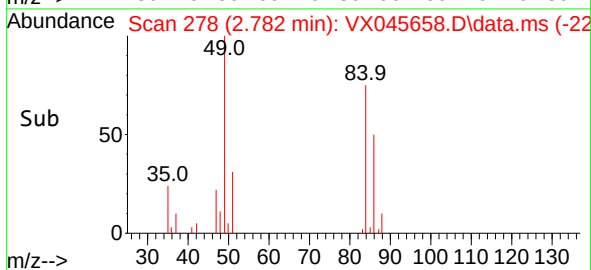
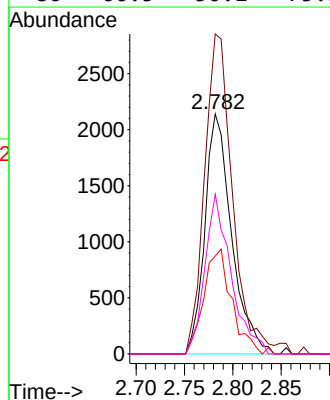
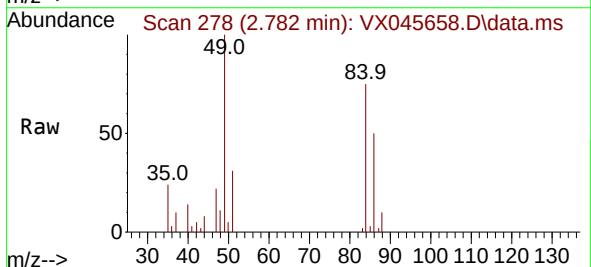
Instrument :
MSVOA_X
ClientSampleId :
IB-6.5-WC

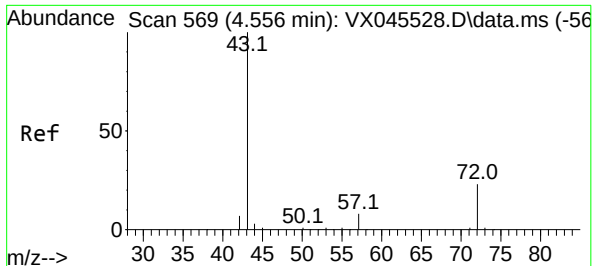
Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
74 15.5 17.5 26.3#



#20
Methylene Chloride
Concen: 4.602 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

Tgt Ion: 84 Resp: 4117
Ion Ratio Lower Upper
84 100
49 133.4 107.5 161.3
51 40.8 33.0 49.6
86 66.5 50.1 75.1





#25

2-Butanone

Concen: 6.002 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX045658.D

Acq: 08 Apr 2025 17:31

Instrument :

MSVOA_X

ClientSampleId :

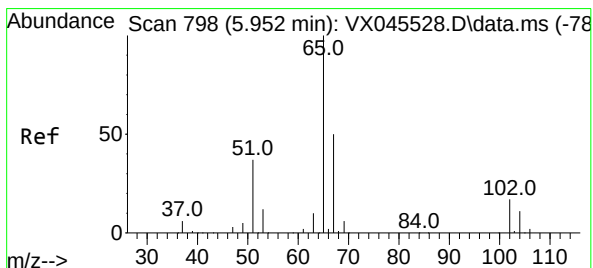
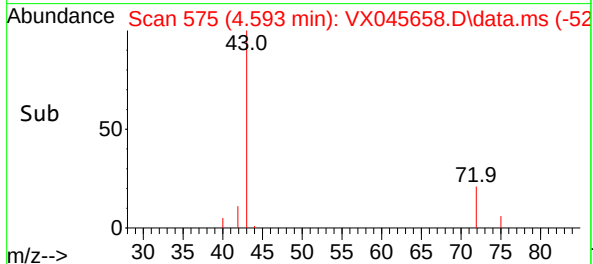
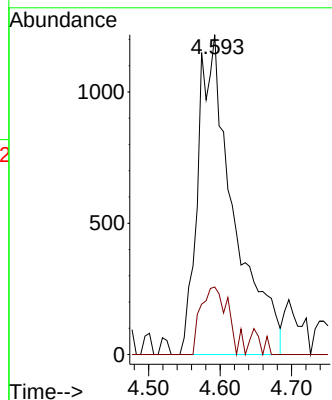
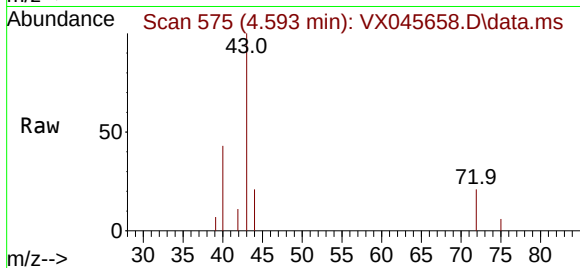
IB-6.5-WC

Tgt Ion: 43 Resp: 4198

Ion Ratio Lower Upper

43 100

72 21.1 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 58.390 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045658.D

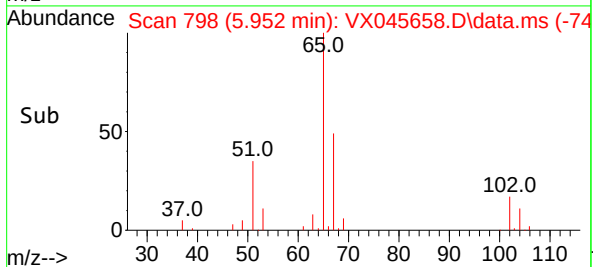
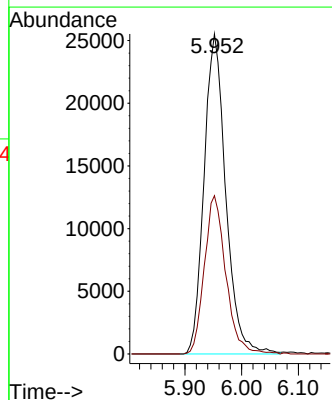
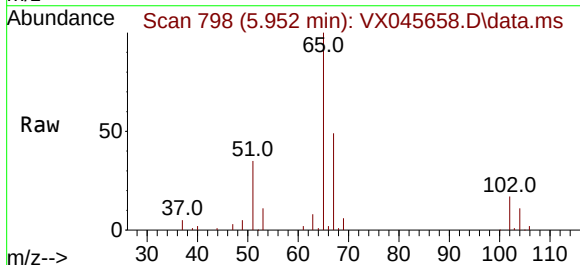
Acq: 08 Apr 2025 17:31

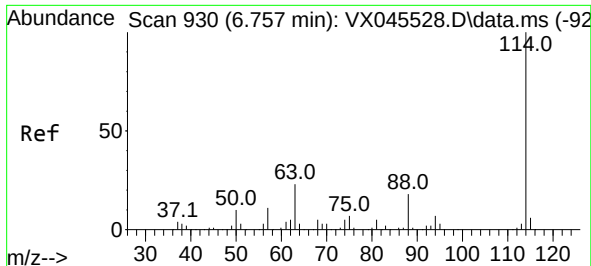
Tgt Ion: 65 Resp: 67949

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0

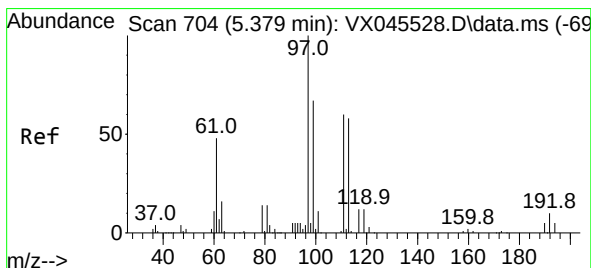
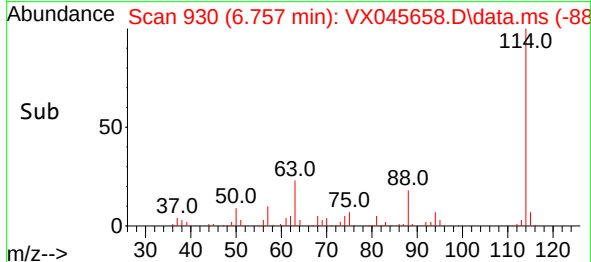
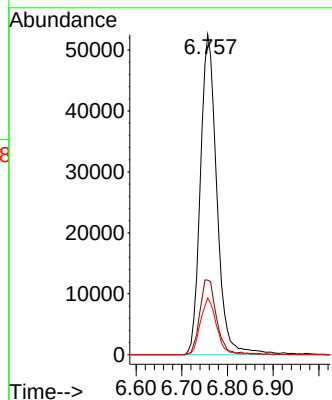
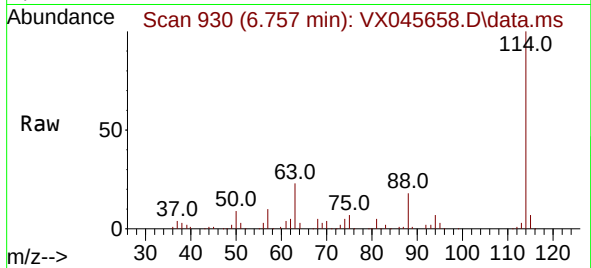




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

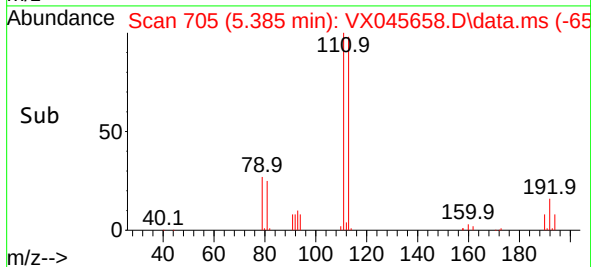
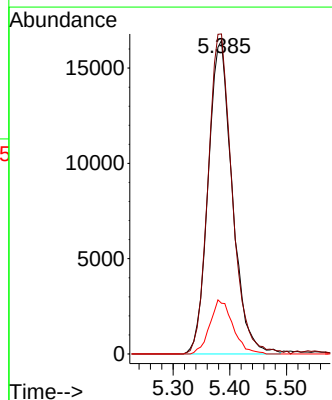
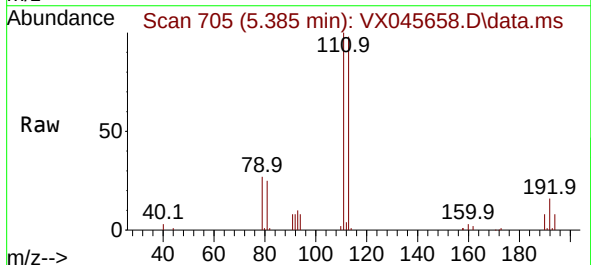
Instrument :
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ClientSampleId :
IB-6.5-WC

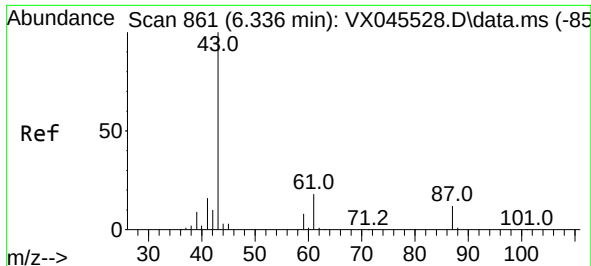
Tgt Ion:114 Resp: 131134
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 17.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.241 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

Tgt Ion:113 Resp: 48605
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.5 13.8 20.6

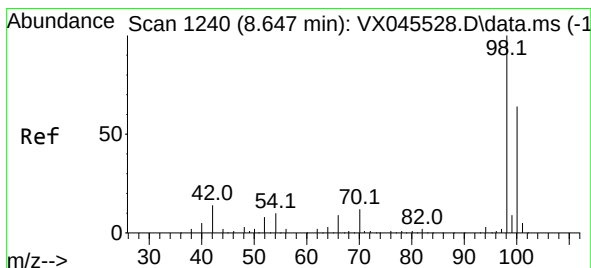
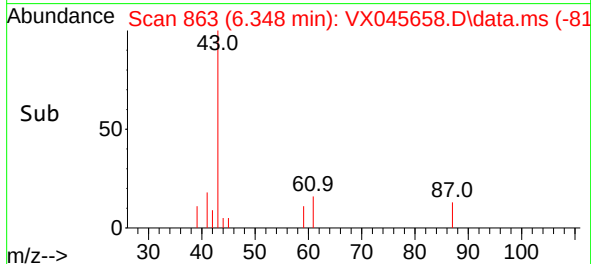
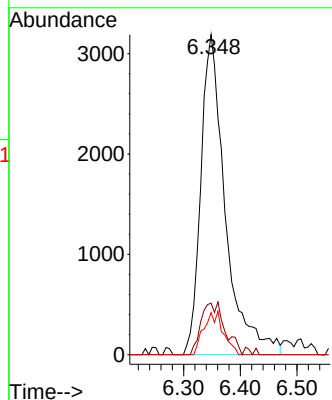
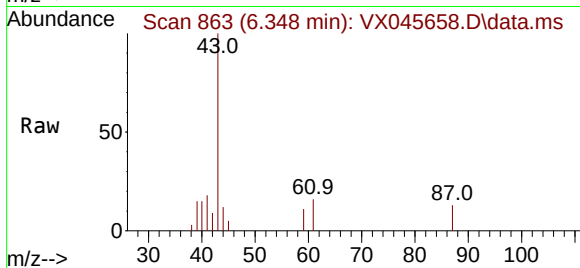




#43
Isopropyl Acetate
Concen: 3.999 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

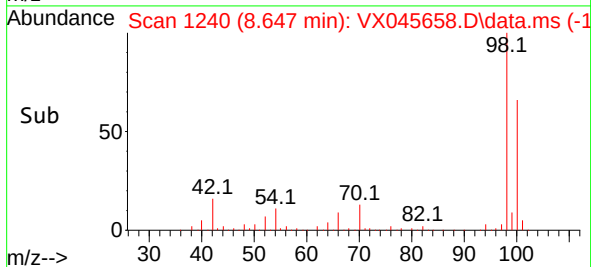
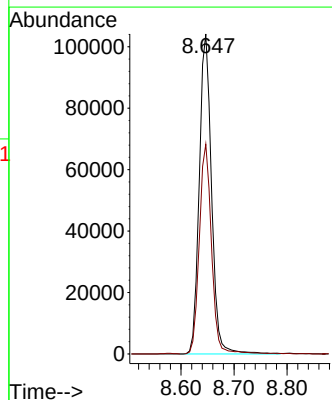
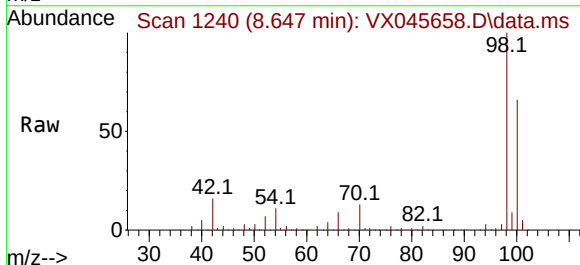
Instrument :
MSVOA_X
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IB-6.5-WC

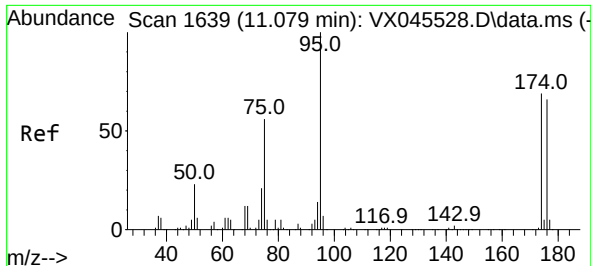
Tgt Ion: 43 Resp: 9595
Ion Ratio Lower Upper
43 100
61 15.7 14.1 21.1
87 10.6 9.2 13.8



#50
Toluene-d8
Concen: 51.617 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045658.D
Acq: 08 Apr 2025 17:31

Tgt Ion: 98 Resp: 167623
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 53.306 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045658.D

Acq: 08 Apr 2025 17:31

Instrument :

MSVOA_X

ClientSampleId :

IB-6.5-WC

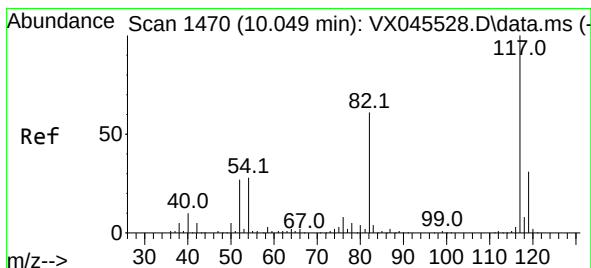
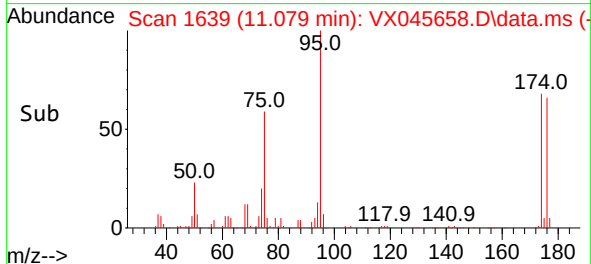
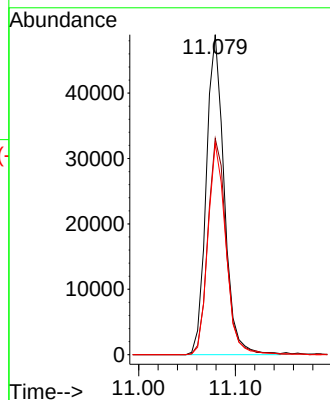
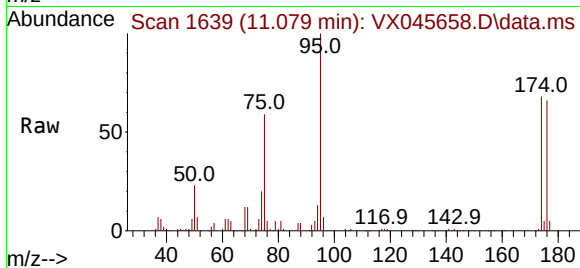
Tgt Ion: 95 Resp: 63055

Ion Ratio Lower Upper

95 100

174 69.1 0.0 135.8

176 66.4 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: VX045658.D

Acq: 08 Apr 2025 17:31

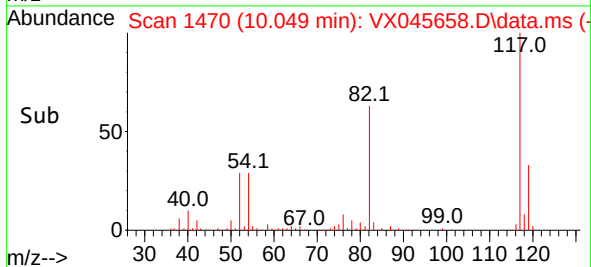
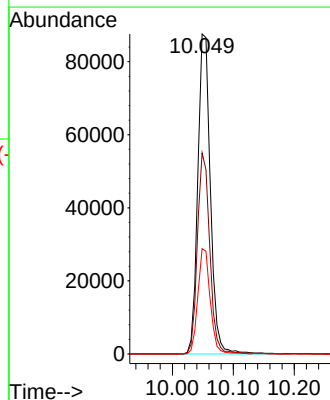
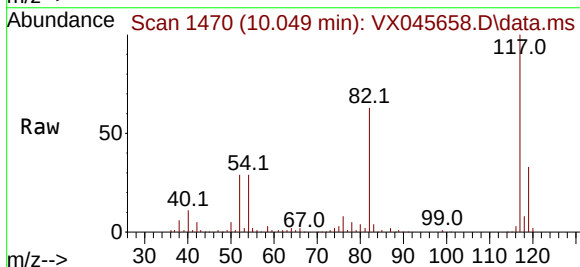
Tgt Ion: 117 Resp: 125823

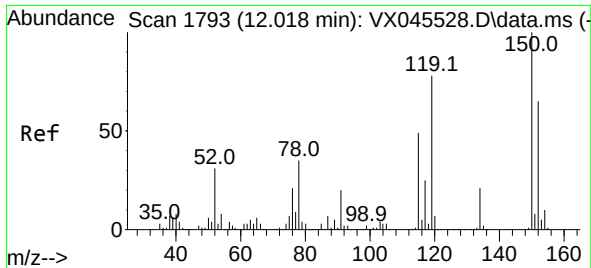
Ion Ratio Lower Upper

117 100

82 62.9 49.2 73.8

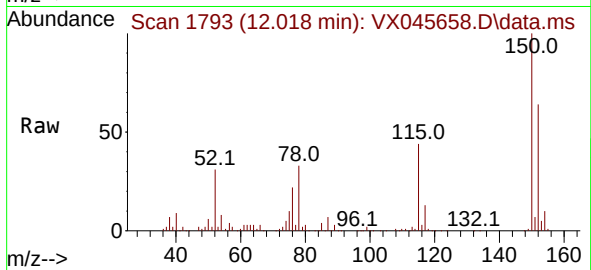
119 32.9 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045658.D
 Acq: 08 Apr 2025 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 IB-6.5-WC



Tgt Ion:152 Resp: 54135
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 157.1 0.0 349.4

