

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045191.D
 Acq On : 10 Mar 2025 13:20
 Operator : JC/MD
 Sample : Q1500-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20250305

Quant Time: Mar 11 03:54:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

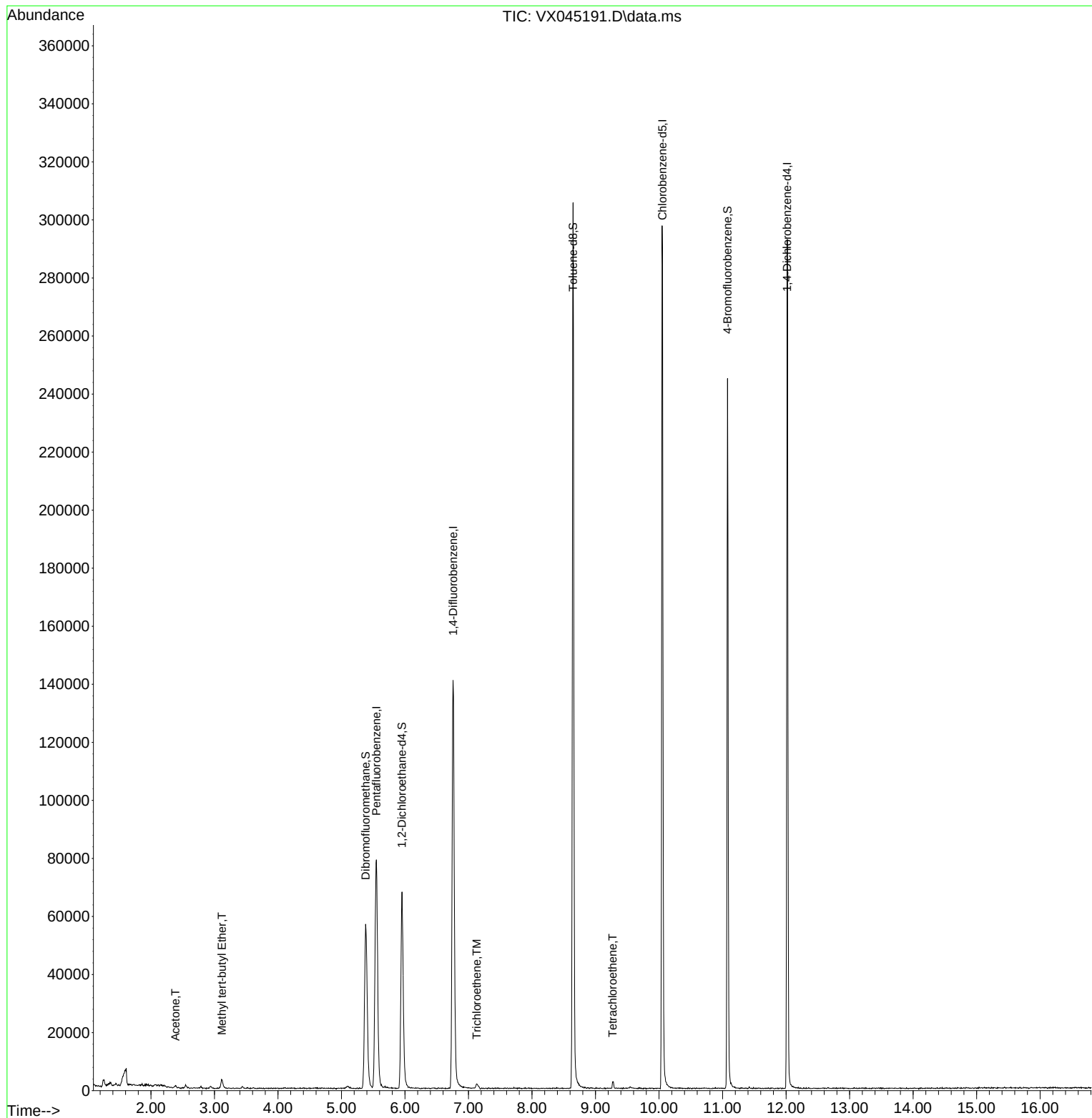
Internal Standards						
1) Pentafluorobenzene	5.550	168	73273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60998	52.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.680%
35) Dibromofluoromethane	5.379	113	50130	52.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.060%
50) Toluene-d8	8.647	98	182875	52.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	11.079	95	61971	53.542	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.080%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	1063	1.966	ug/l #	81
19) Methyl tert-butyl Ether	3.117	73	3145	1.041	ug/l	99
44) Trichloroethene	7.129	130	894	0.913	ug/l	77
64) Tetrachloroethene	9.268	164	382	0.443	ug/l #	74

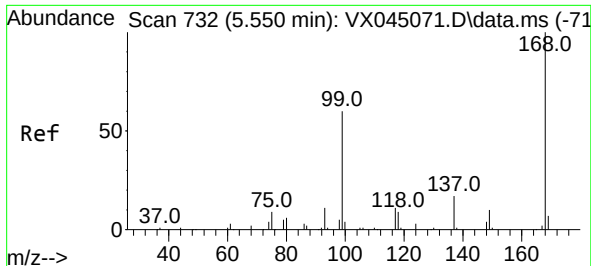
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 28 06:45:16 2025
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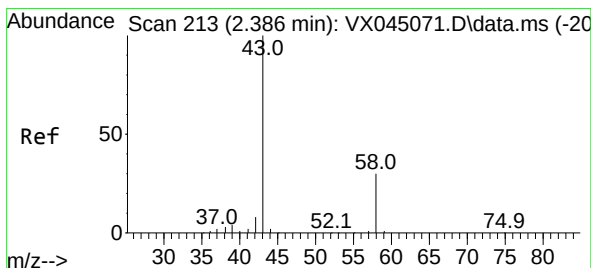
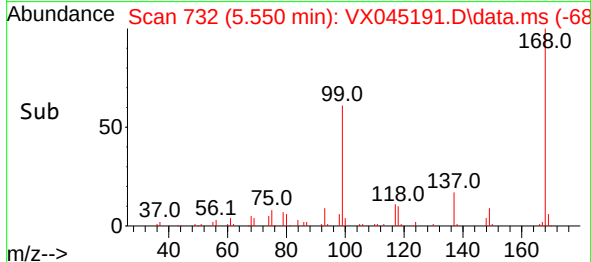
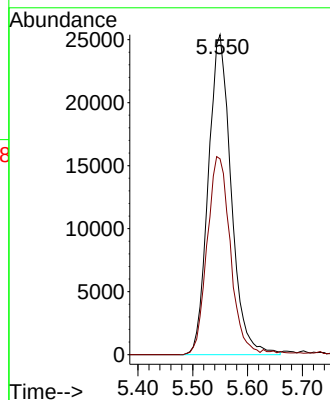
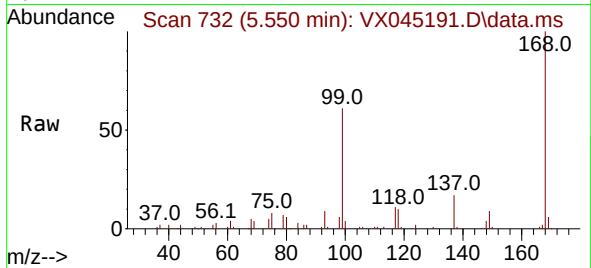




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

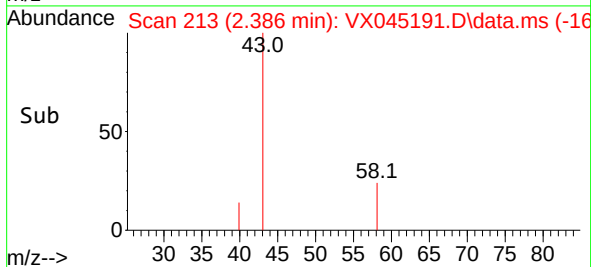
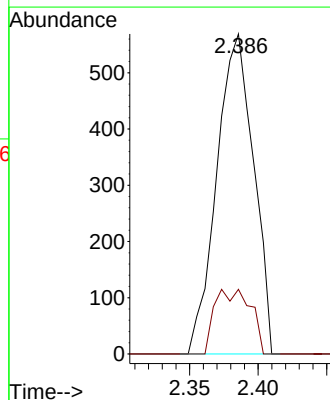
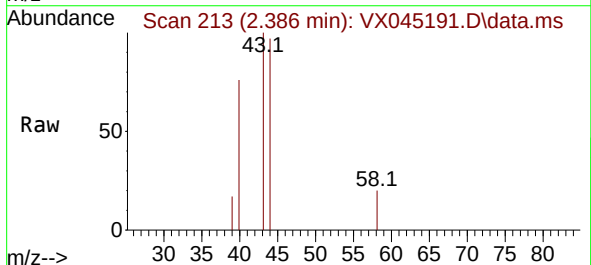
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250305

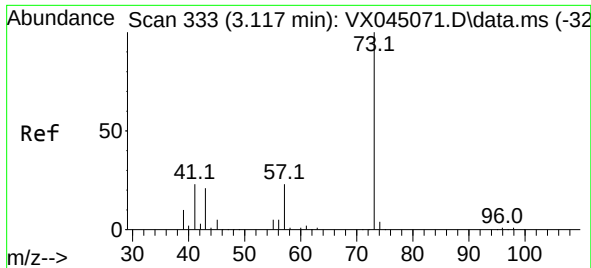
Tgt Ion:168 Resp: 73273
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#16
Acetone
Concen: 1.966 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
58 20.2 24.2 36.4#

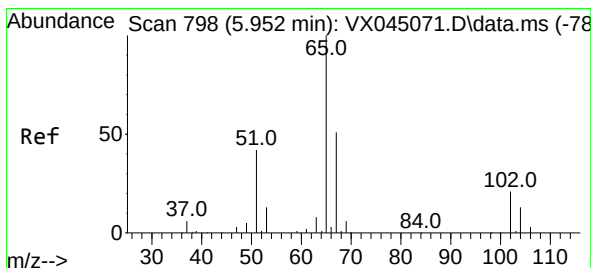
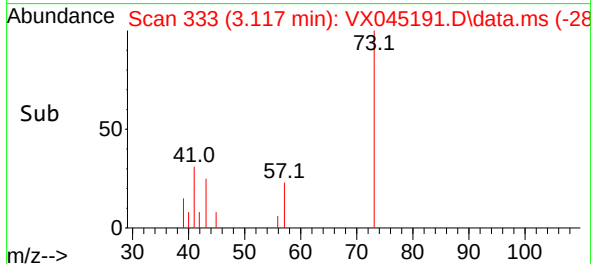
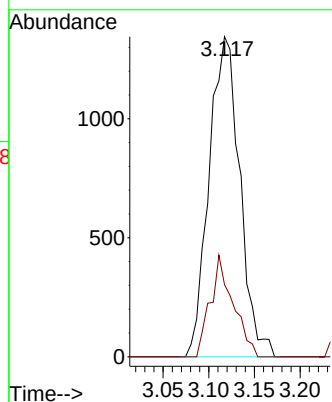
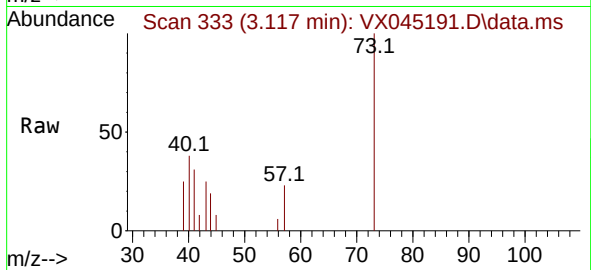




#19
Methyl tert-butyl Ether
Concen: 1.041 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

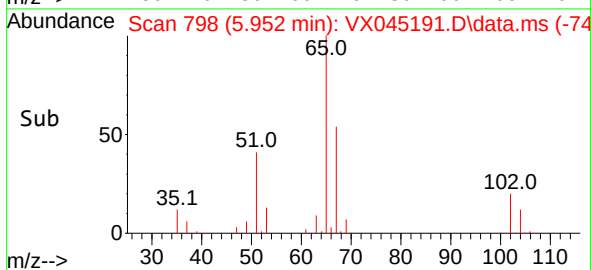
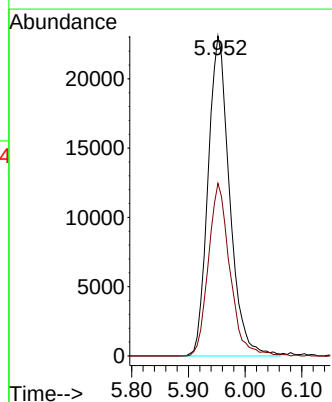
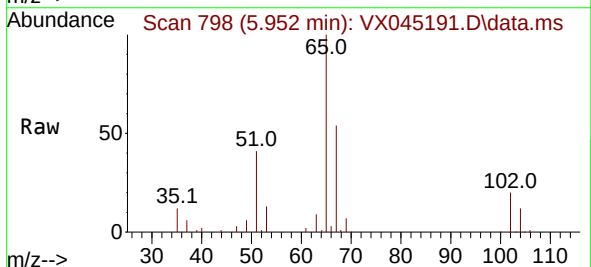
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250305

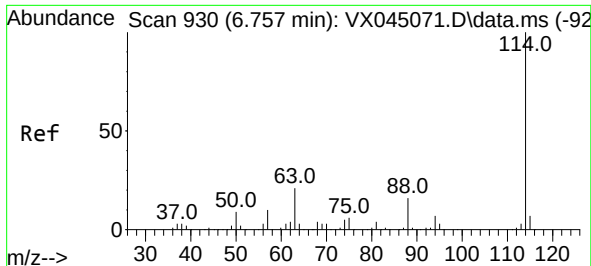
Tgt Ion: 73 Resp: 3145
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 52.336 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion: 65 Resp: 60998
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2

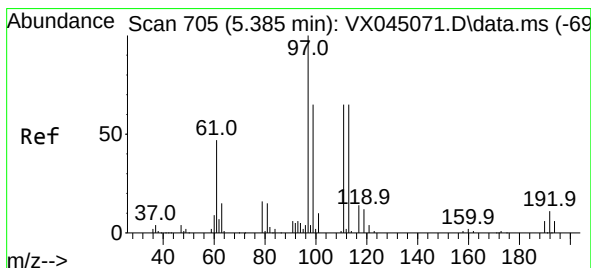
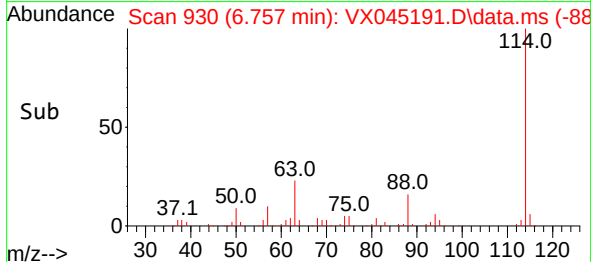
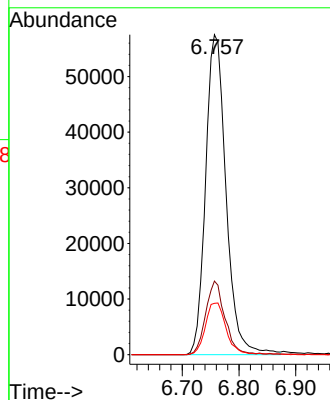
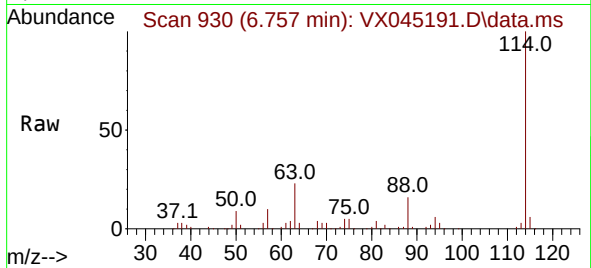




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

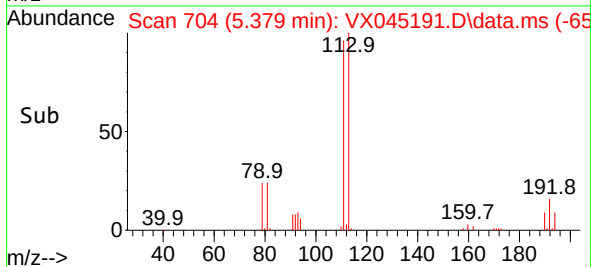
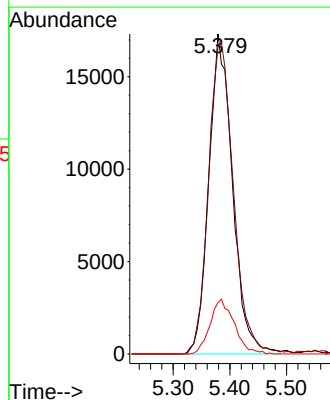
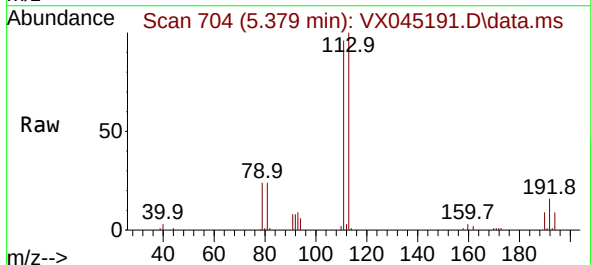
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250305

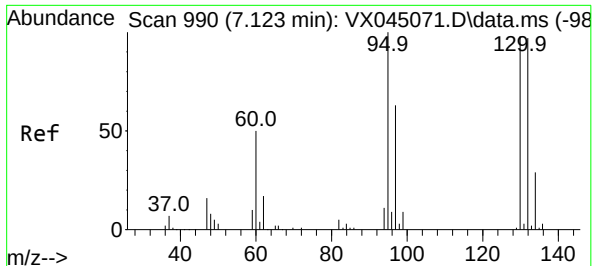
Tgt Ion:114 Resp: 144084
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.032 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion:113 Resp: 50130
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.5 14.3 21.5

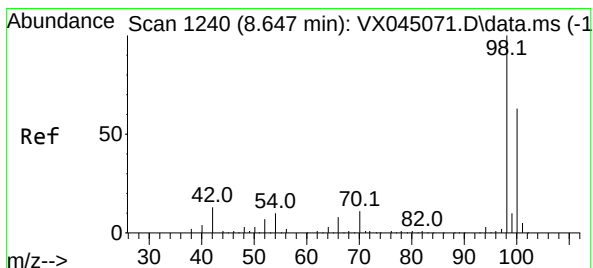
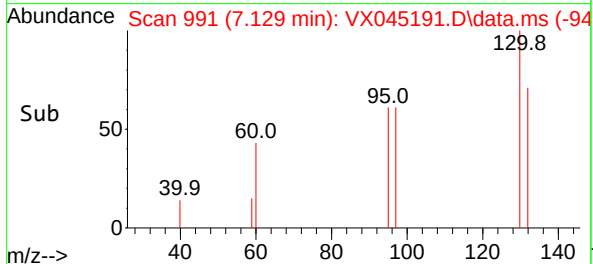
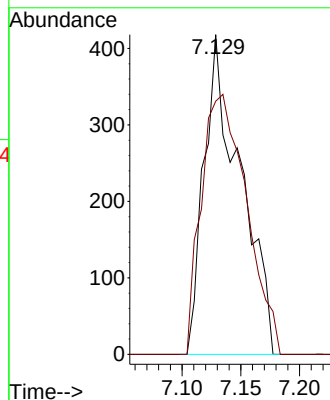
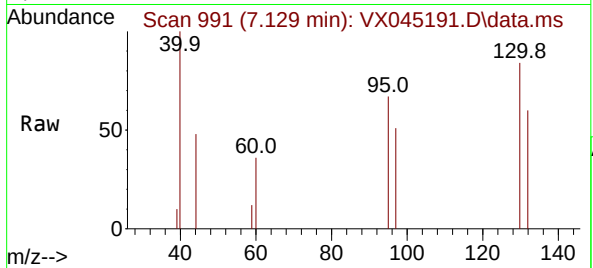




#44
 Trichloroethene
 Concen: 0.913 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045191.D
 Acq: 10 Mar 2025 13:20

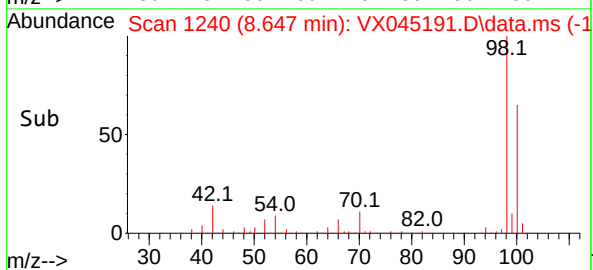
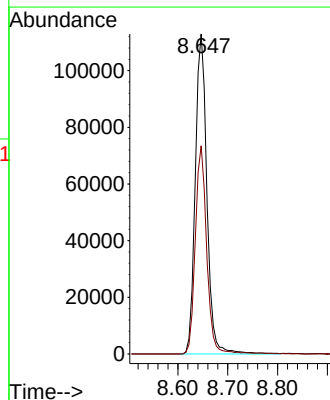
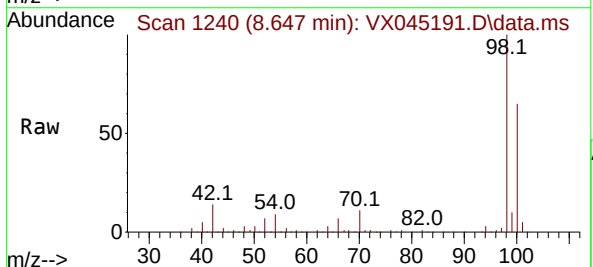
Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20250305

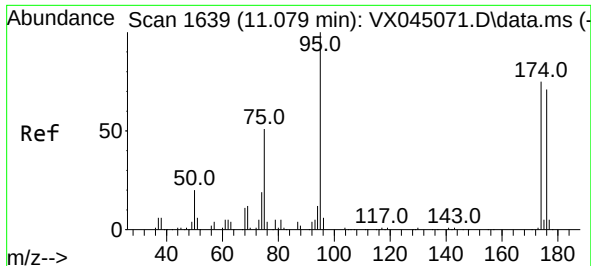
Tgt Ion:130 Resp: 894
 Ion Ratio Lower Upper
 130 100
 95 79.2 0.0 205.0



#50
 Toluene-d8
 Concen: 52.357 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045191.D
 Acq: 10 Mar 2025 13:20

Tgt Ion: 98 Resp: 182875
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.542 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW178I-20250305

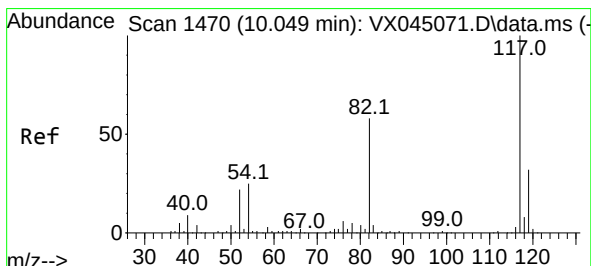
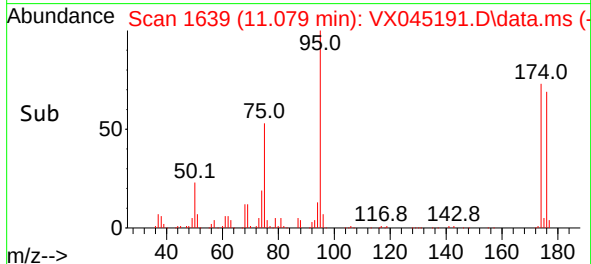
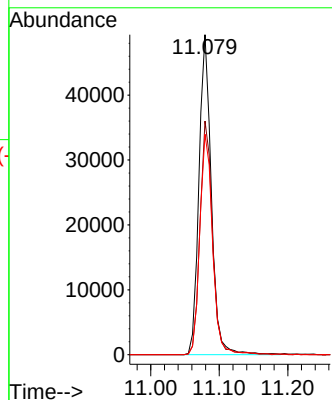
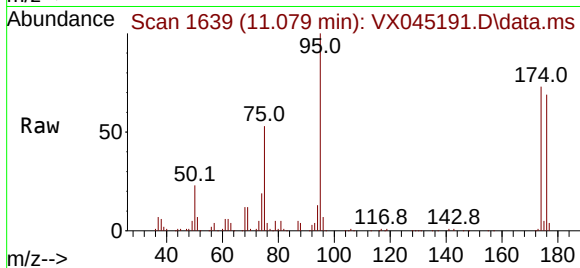
Tgt Ion: 95 Resp: 61971

Ion Ratio Lower Upper

95 100

174 74.4 0.0 148.2

176 71.6 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

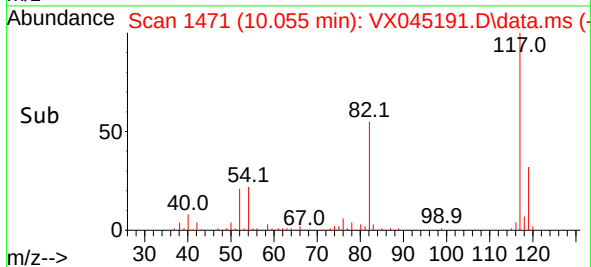
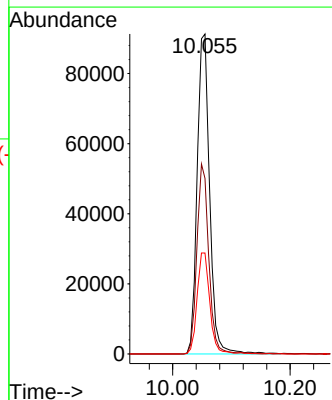
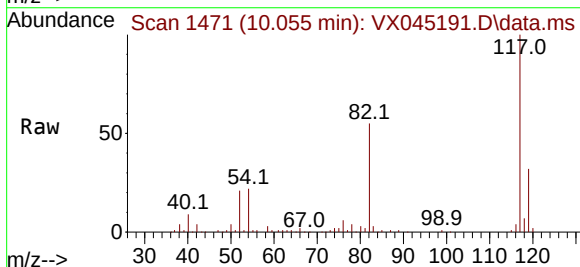
Tgt Ion: 117 Resp: 134557

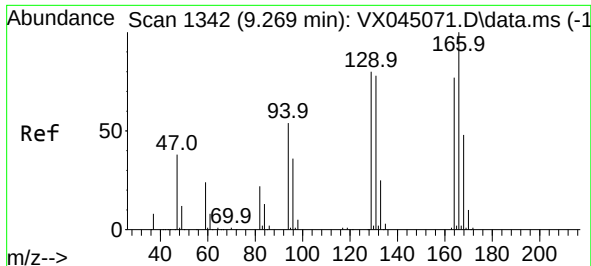
Ion Ratio Lower Upper

117 100

82 54.9 46.3 69.5

119 31.6 25.7 38.5

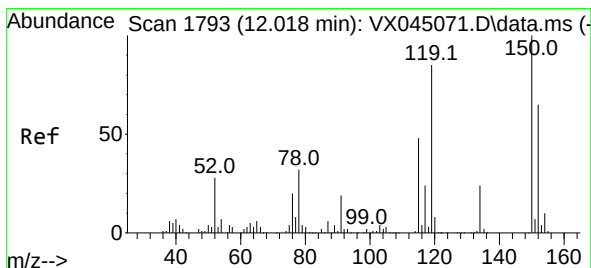
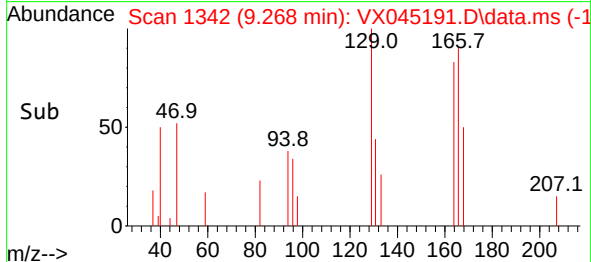
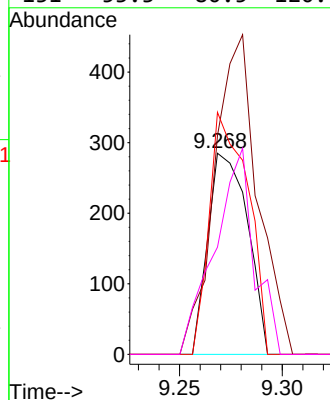
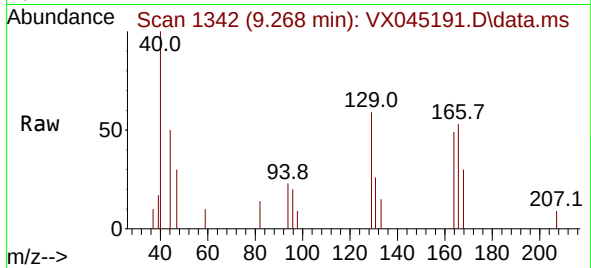




#64
Tetrachloroethene
Concen: 0.443 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20250305

Tgt Ion:164 Resp: 382
Ion Ratio Lower Upper
164 100
166 108.8 103.6 155.4
129 120.4 82.7 124.1
131 53.3 80.5 120.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion:152 Resp: 57079
Ion Ratio Lower Upper
152 100
115 61.4 44.2 132.6
150 159.0 0.0 349.0

