

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045190.D
 Acq On : 10 Mar 2025 12:57
 Operator : JC/MD
 Sample : Q1500-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20250305

Quant Time: Mar 11 03:54:04 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)

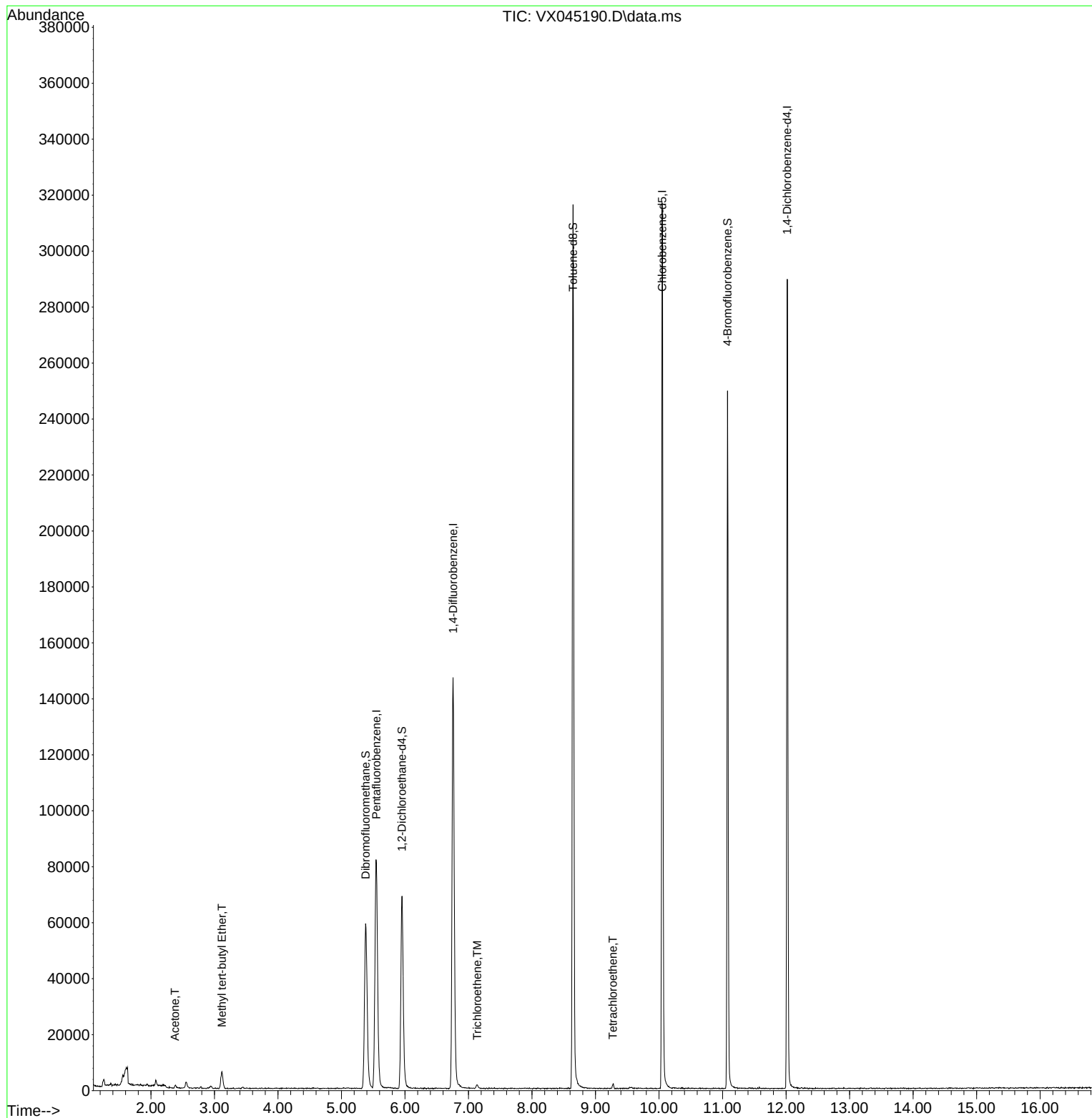
Internal Standards						
1) Pentafluorobenzene	5.550	168	75866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63142	52.324	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.640%	
35) Dibromofluoromethane	5.379	113	51853	51.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	8.647	98	187213	51.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	11.079	95	63985	52.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.640%	
Target Compounds						Qvalue
16) Acetone	2.380	43	1033	1.845	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	6392	2.044	ug/l	93
44) Trichloroethene	7.135	130	540	0.527	ug/l	81
64) Tetrachloroethene	9.275	164	334	0.374	ug/l #	76

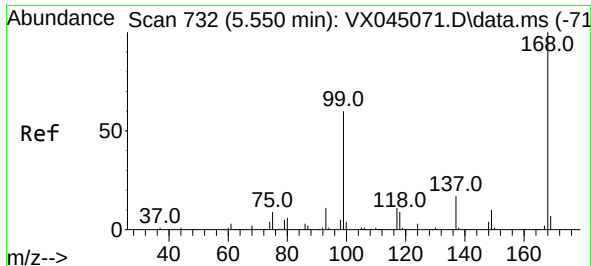
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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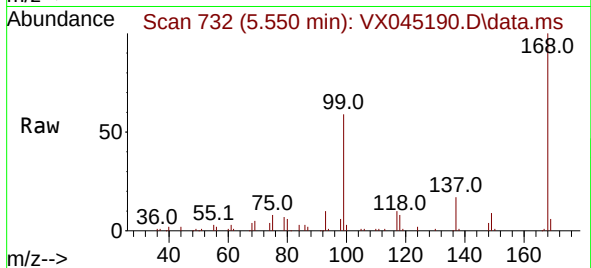
Quant Time: Mar 11 03:54:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



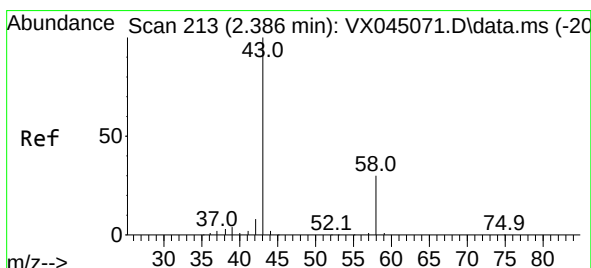
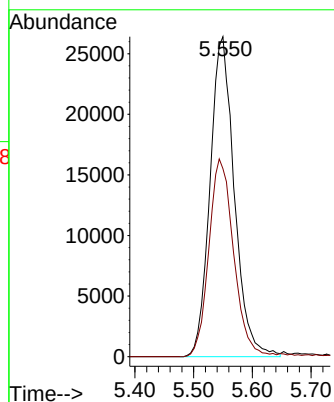
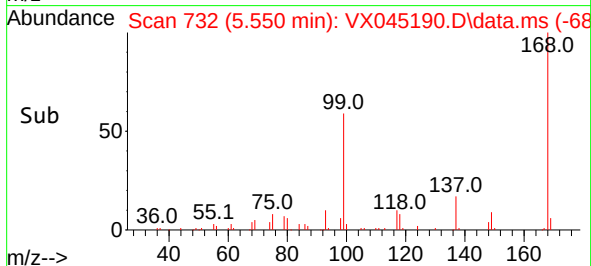


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20250305

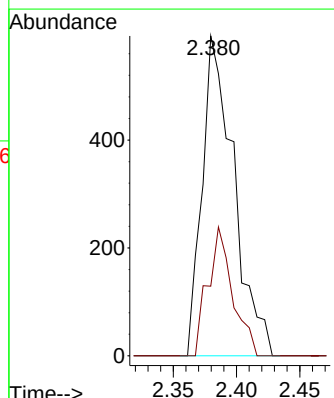
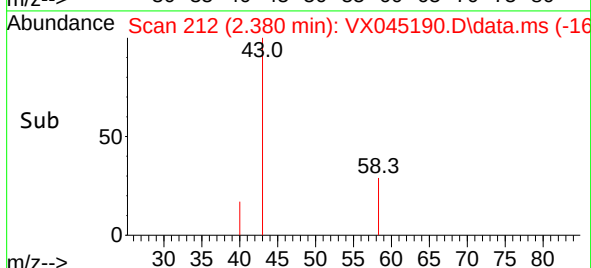
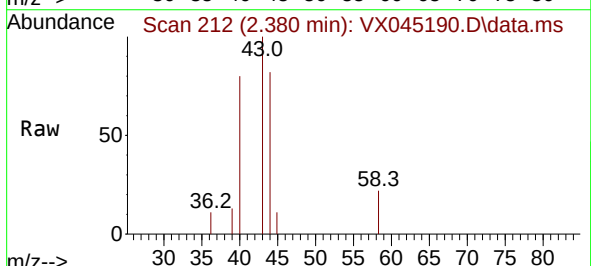


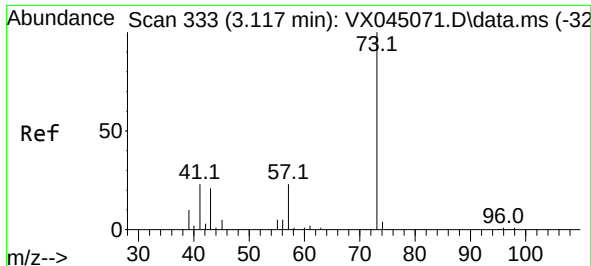
Tgt Ion:168 Resp: 75866
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#16
Acetone
Concen: 1.845 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 21.8 24.2 36.4#

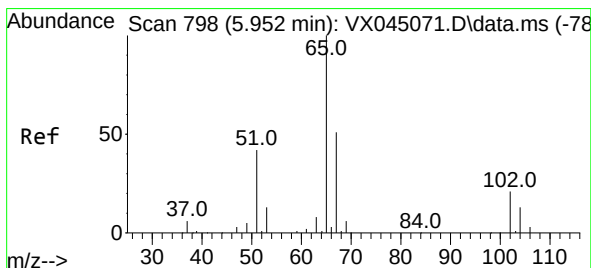
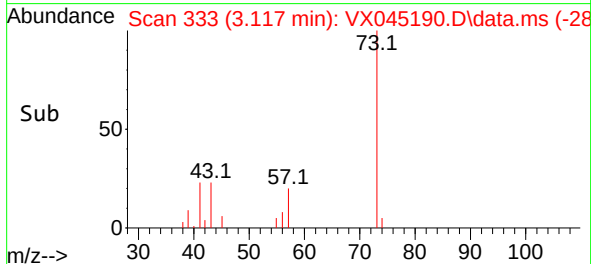
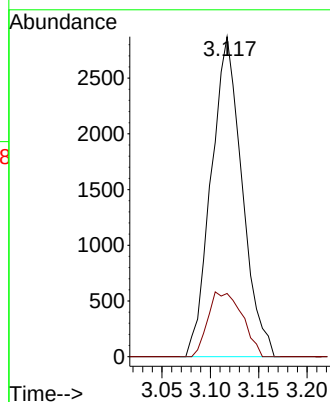
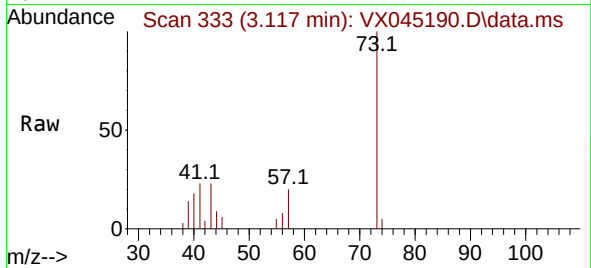




#19
Methyl tert-butyl Ether
Concen: 2.044 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

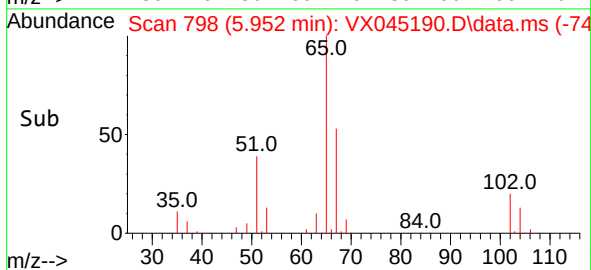
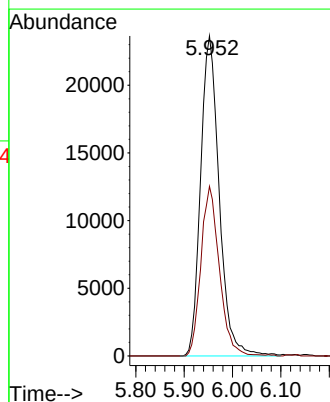
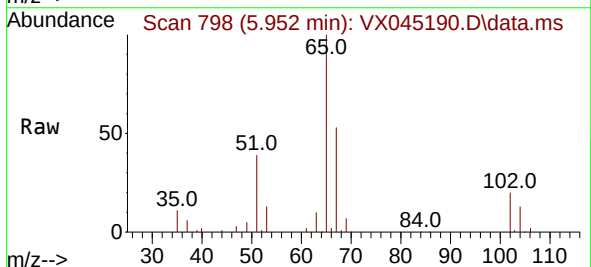
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20250305

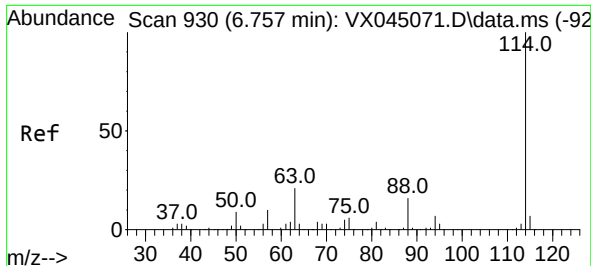
Tgt Ion: 73 Resp: 6392
Ion Ratio Lower Upper
73 100
57 19.8 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 52.324 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 65 Resp: 63142
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2

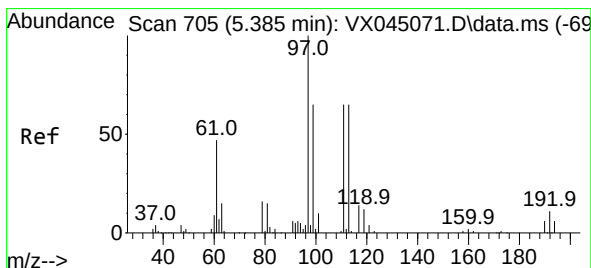
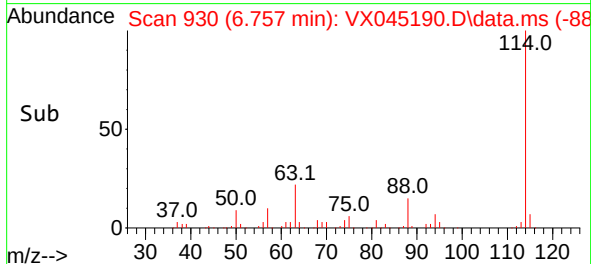
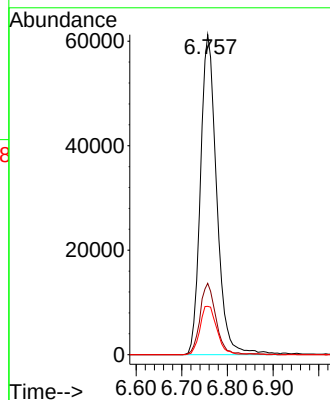
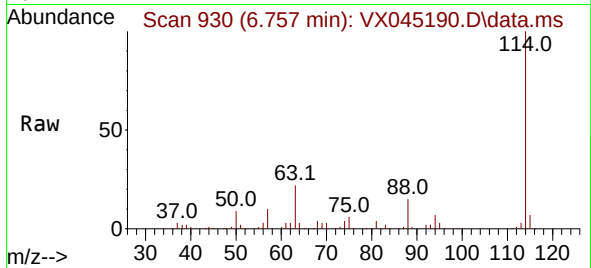




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

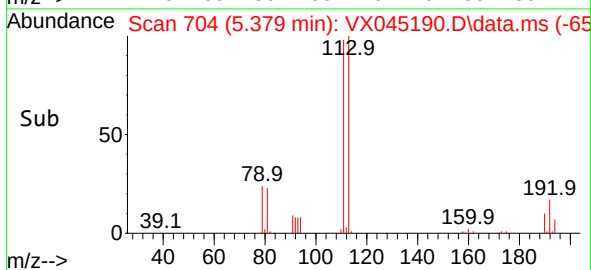
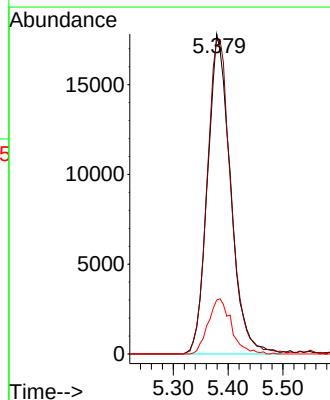
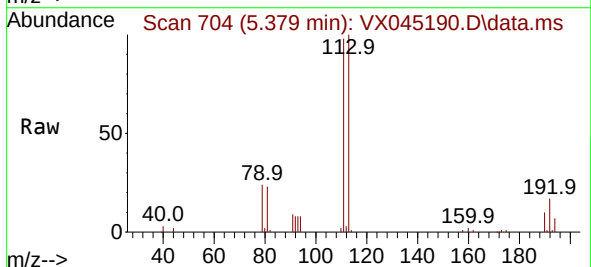
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20250305

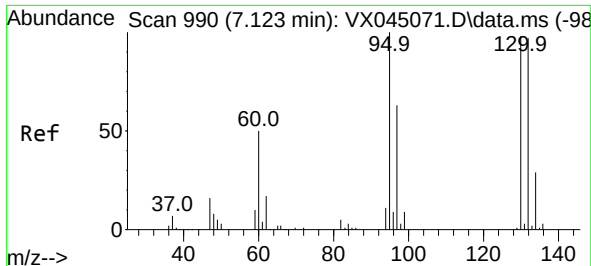
Tgt Ion:114 Resp: 150795
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.425 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion:113 Resp: 51853
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.3 14.3 21.5

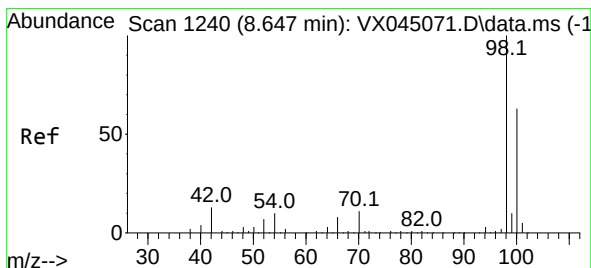
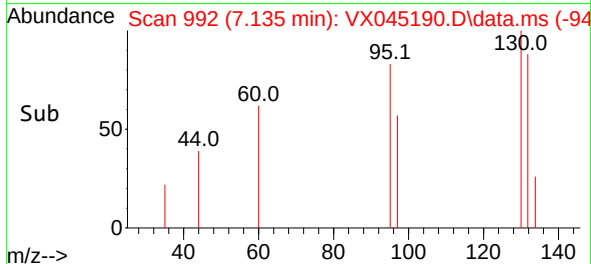
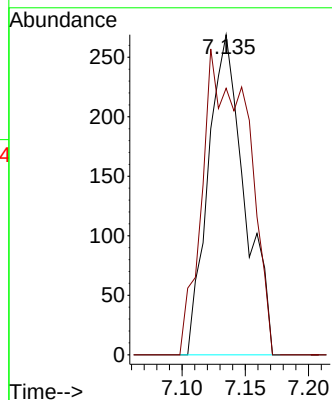
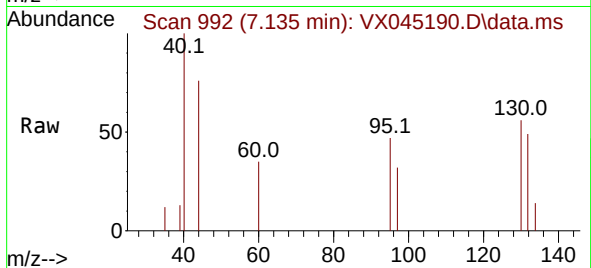




#44
Trichloroethene
Concen: 0.527 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

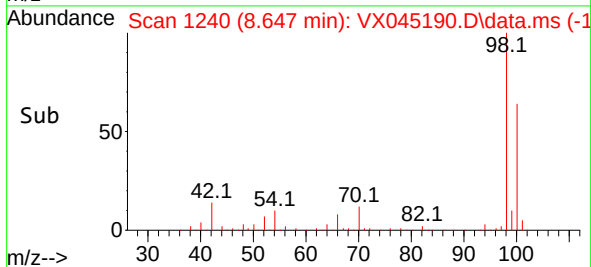
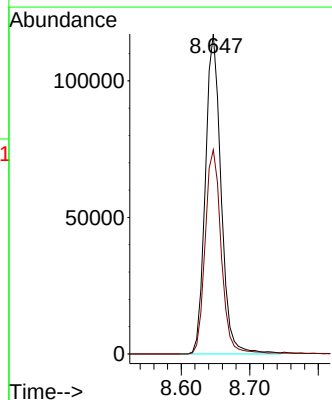
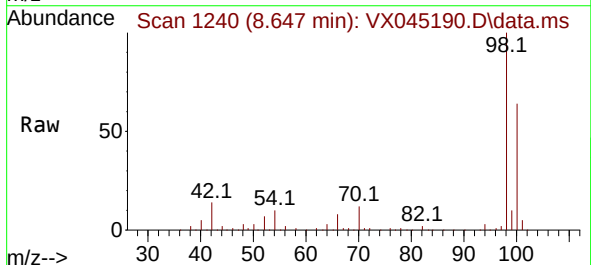
Instrument :
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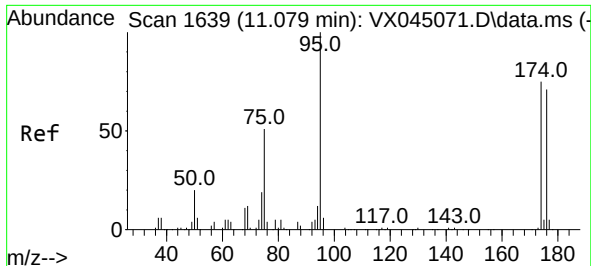
Tgt Ion:130 Resp: 540
Ion Ratio Lower Upper
130 100
95 83.3 0.0 205.0



#50
Toluene-d8
Concen: 51.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 98 Resp: 187213
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.822 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045190.D

Acq: 10 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

MW178S-20250305

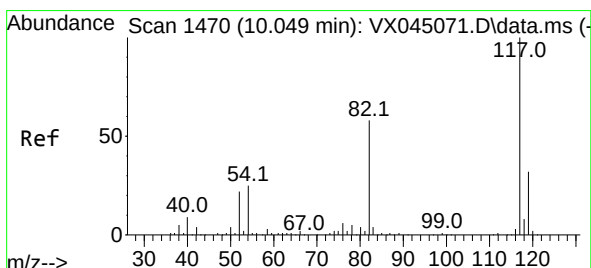
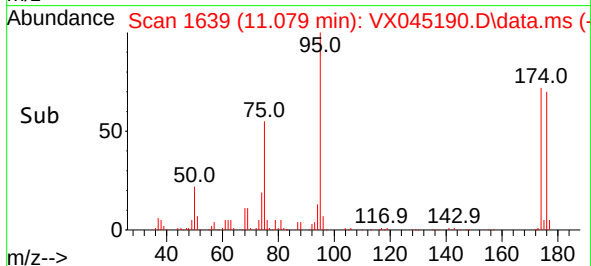
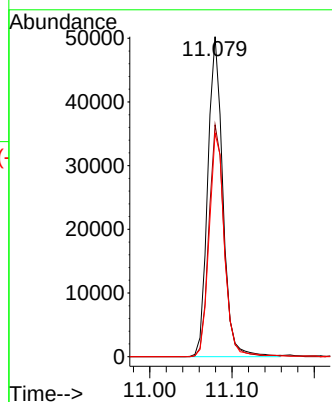
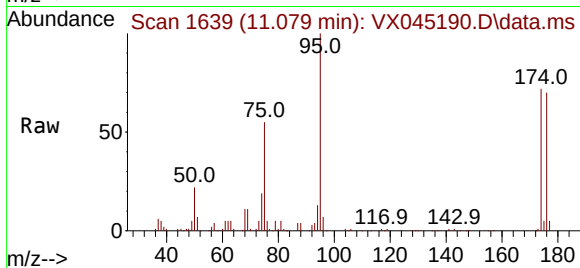
Tgt Ion: 95 Resp: 63985

Ion Ratio Lower Upper

95 100

174 73.1 0.0 148.2

176 70.9 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045190.D

Acq: 10 Mar 2025 12:57

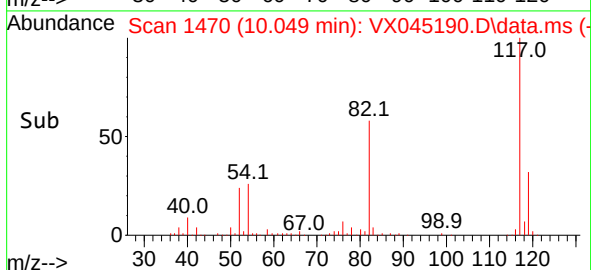
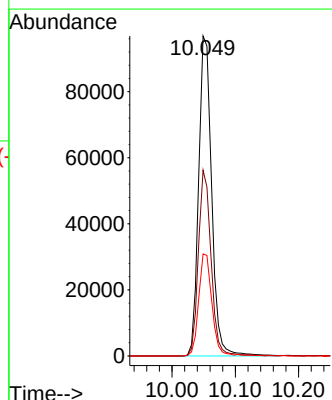
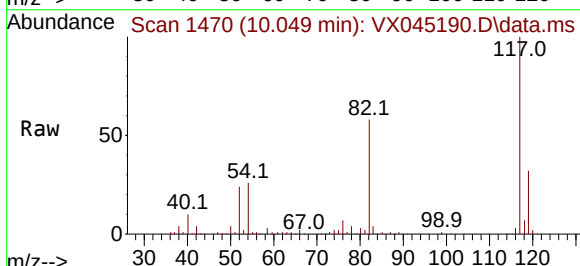
Tgt Ion: 117 Resp: 139303

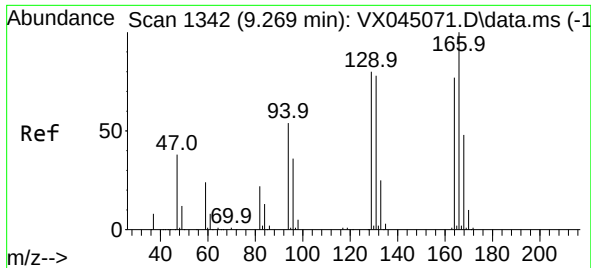
Ion Ratio Lower Upper

117 100

82 58.1 46.3 69.5

119 31.9 25.7 38.5

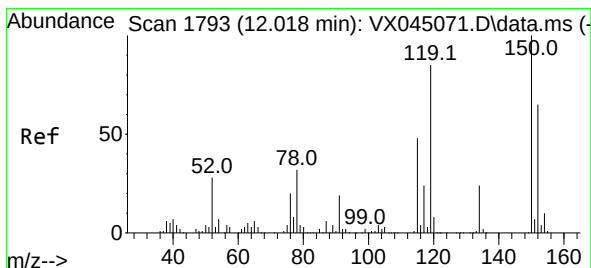
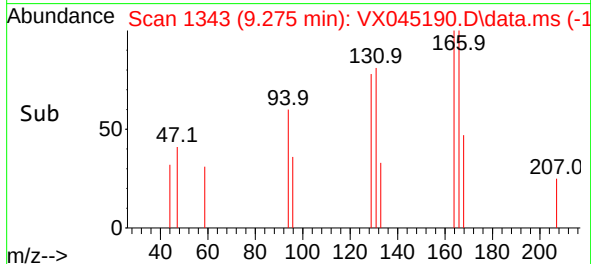
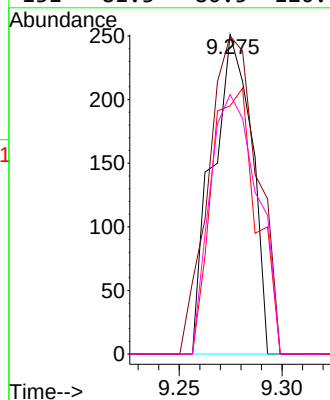
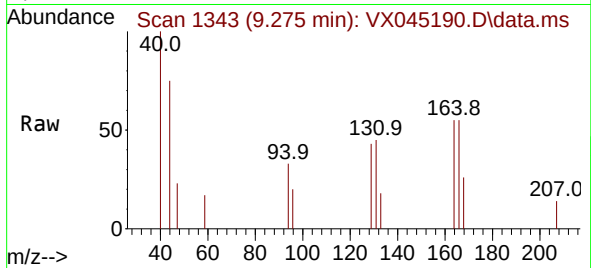




#64
Tetrachloroethene
Concen: 0.374 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	334
Ion	Ratio	Lower Upper
164	100	
166	99.6	103.6 155.4#
129	77.7	82.7 124.1#
131	81.3	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: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion:152	Resp:	57584
Ion	Ratio	Lower Upper
152	100	
115	60.5	44.2 132.6
150	158.4	0.0 349.0

