

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038070.D
 Acq On : 04 Oct 2023 17:08
 Operator : JC/MD
 Sample : 04656-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(20)

Quant Time: Oct 05 01:04:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

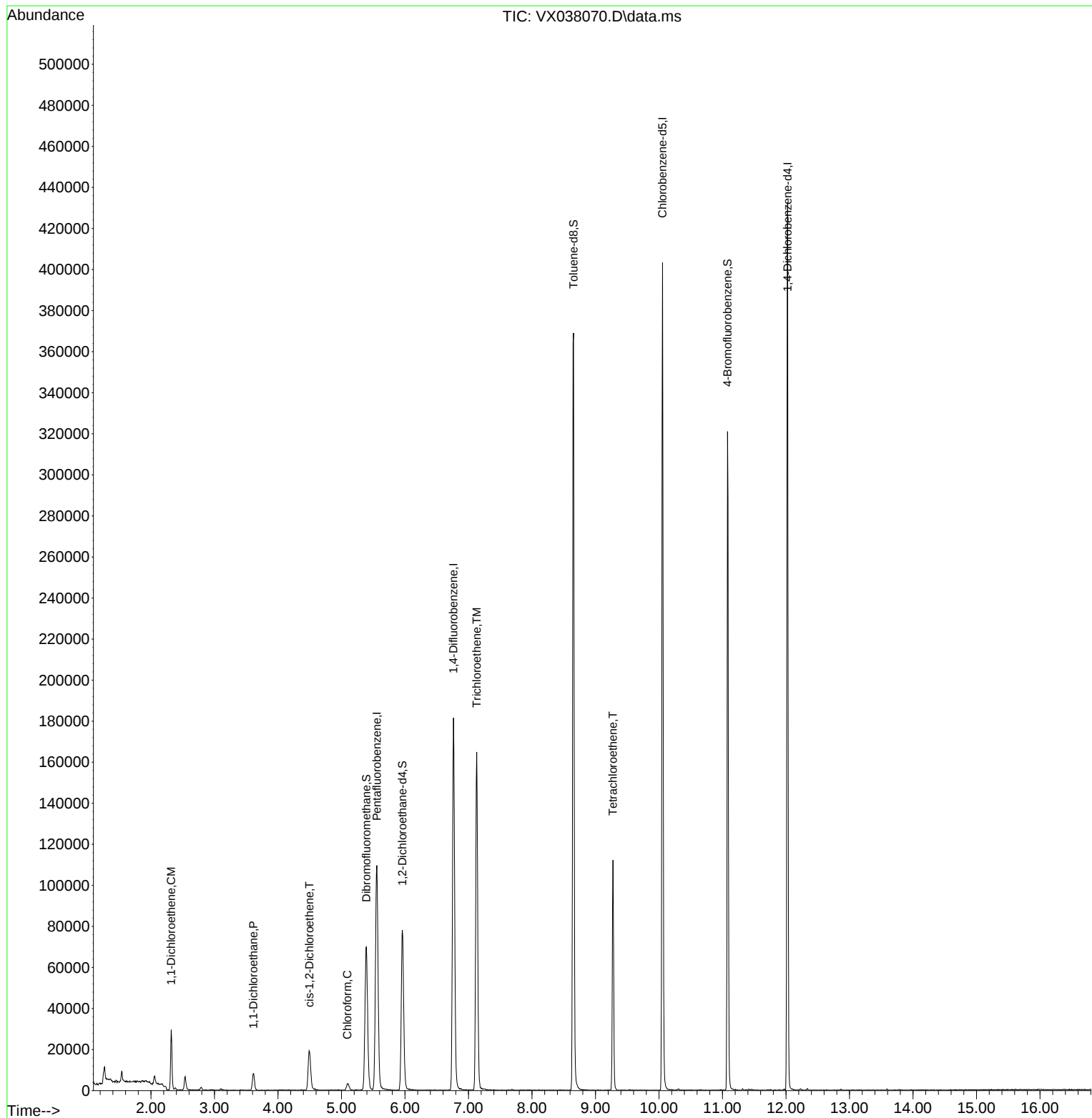
Internal Standards						
1) Pentafluorobenzene	5.556	168	102499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74651	46.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.620%
35) Dibromofluoromethane	5.391	113	58123	47.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.653	98	225065	47.625	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.260%
62) 4-Bromofluorobenzene	11.079	95	79430	46.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	8883	9.153	ug/l	87
24) 1,1-Dichloroethane	3.611	63	9395	4.307	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	12788	9.406	ug/l	81
30) Chloroform	5.093	83	3775	1.589	ug/l	92
44) Trichloroethene	7.129	130	59691	43.087	ug/l	98
64) Tetrachloroethene	9.275	164	18899	16.260	ug/l	97

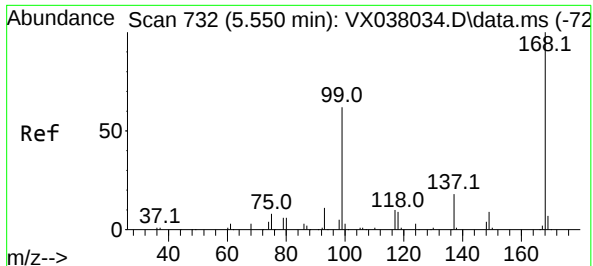
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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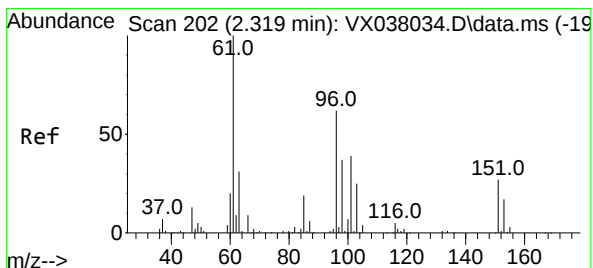
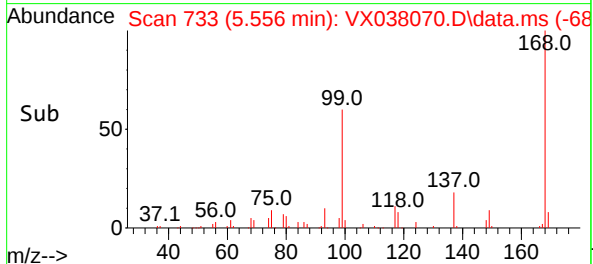
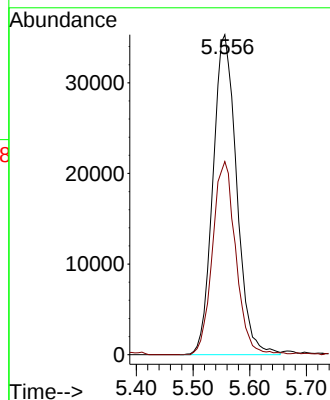
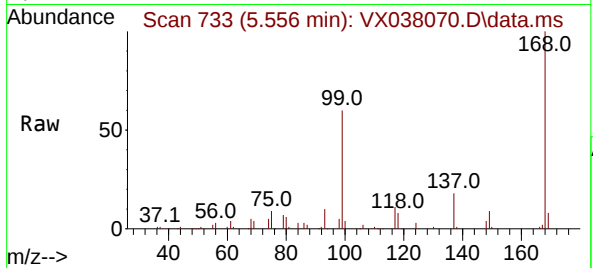




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

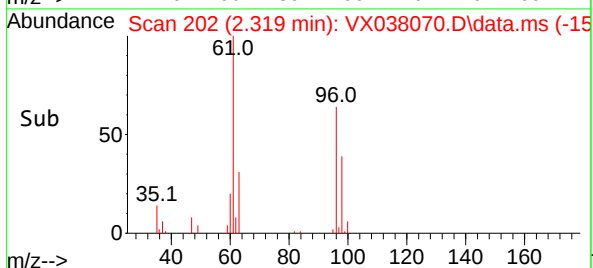
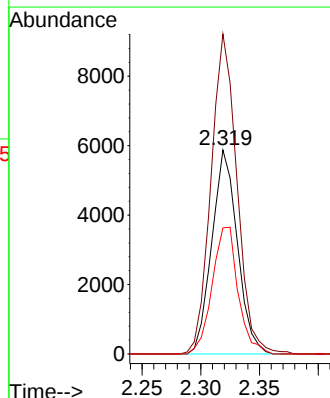
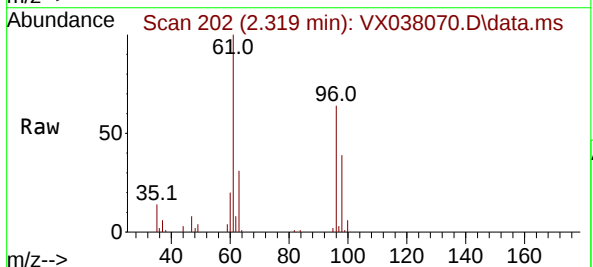
Instrument :
MSVOA_X
ClientSampleId :
MW-107(20)

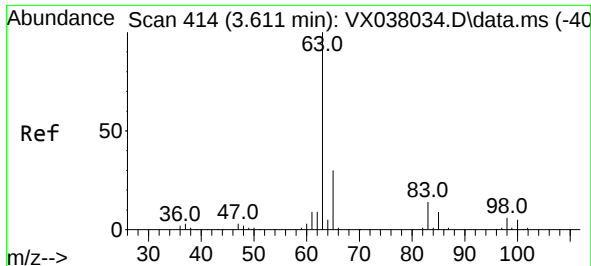
Tgt Ion:168 Resp: 102499
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#12
1,1-Dichloroethene
Concen: 9.153 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

Tgt Ion: 96 Resp: 8883
Ion Ratio Lower Upper
96 100
61 156.9 144.6 216.8
98 61.8 50.4 75.6

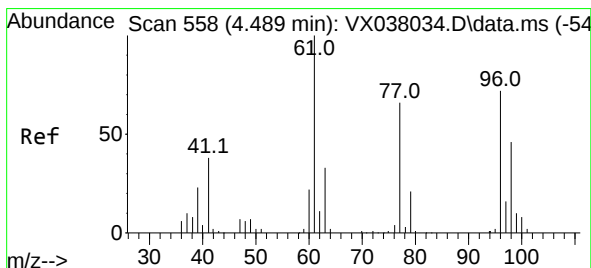
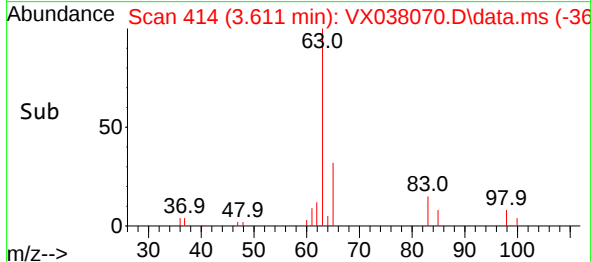
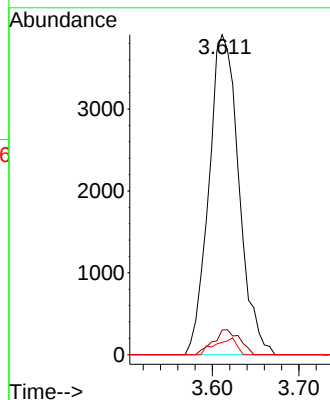
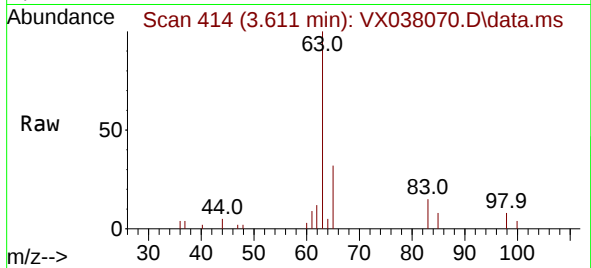




#24
 1,1-Dichloroethane
 Concen: 4.307 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038070.D
 Acq: 04 Oct 2023 17:08

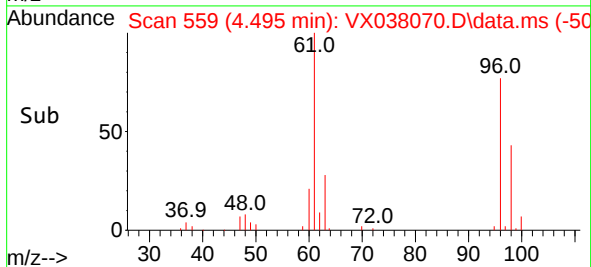
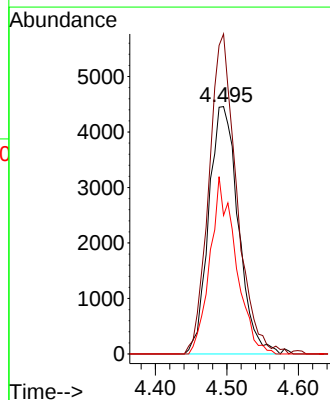
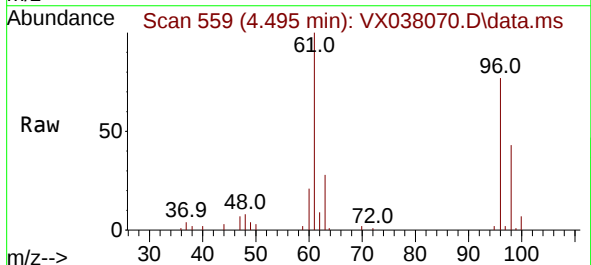
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107(20)

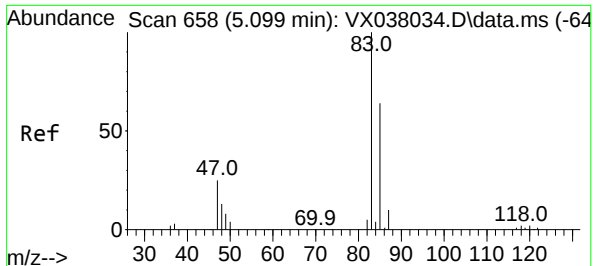
Tgt Ion:	63	Resp:	9395
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.3	9.8
100	3.8	2.1	6.5



#27
 cis-1,2-Dichloroethene
 Concen: 9.406 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX038070.D
 Acq: 04 Oct 2023 17:08

Tgt Ion:	96	Resp:	12788
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	312.2
98	62.6	0.0	129.0





#30

Chloroform

Concen: 1.589 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX038070.D

Acq: 04 Oct 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

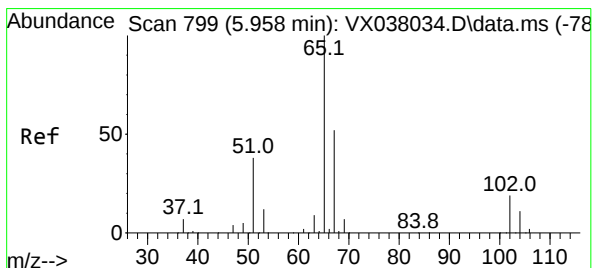
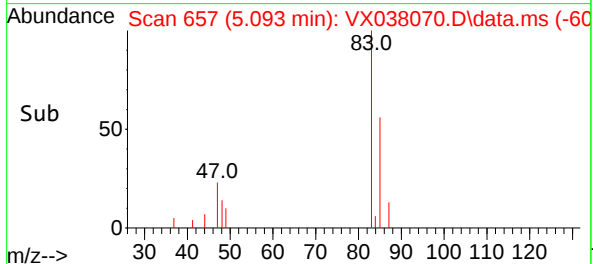
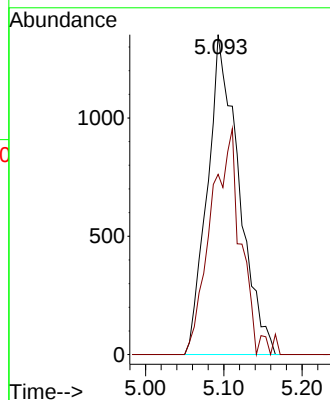
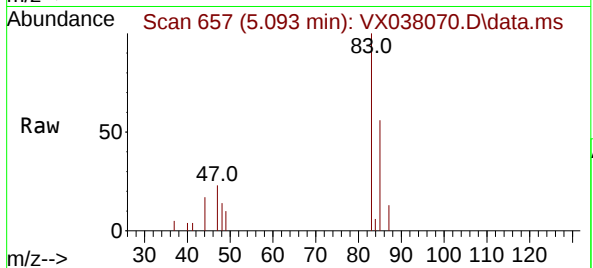
MW-107(20)

Tgt Ion: 83 Resp: 3775

Ion Ratio Lower Upper

83 100

85 56.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 46.808 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038070.D

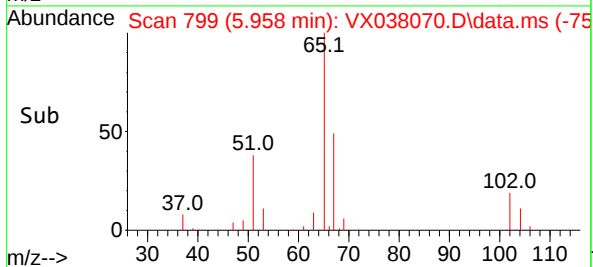
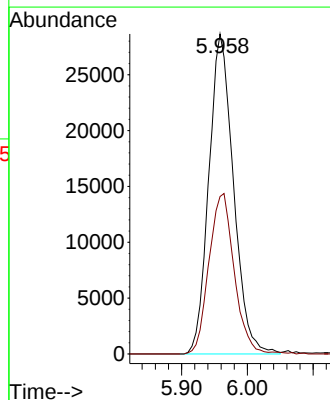
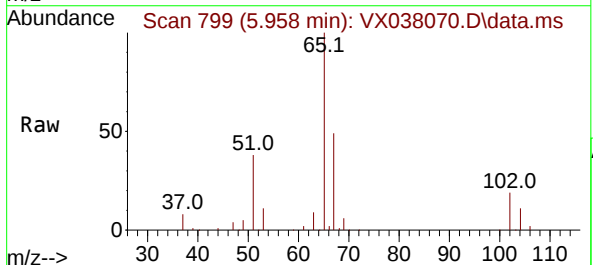
Acq: 04 Oct 2023 17:08

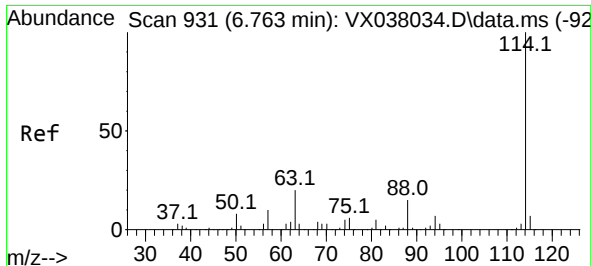
Tgt Ion: 65 Resp: 74651

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2

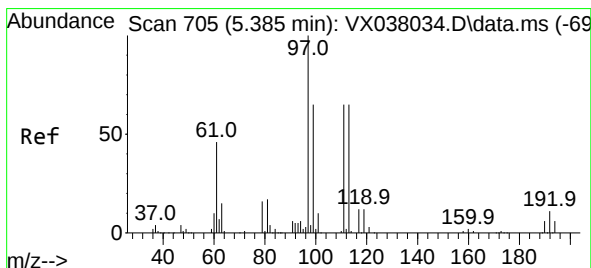
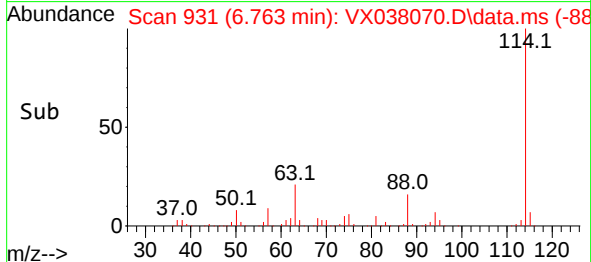
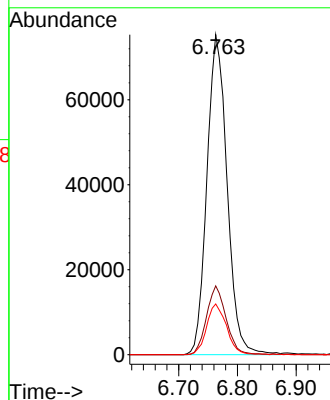
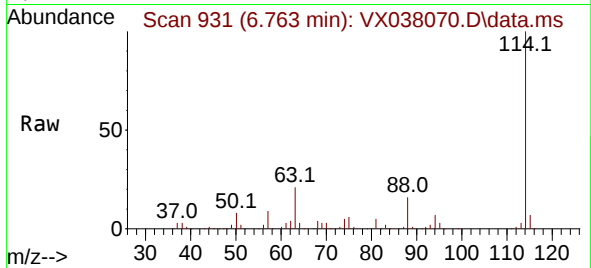




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

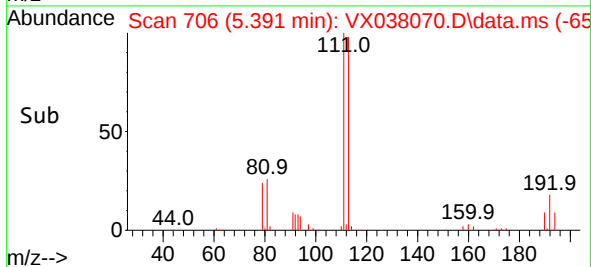
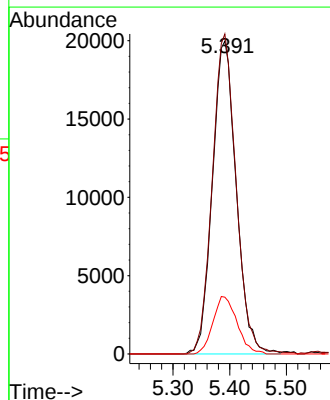
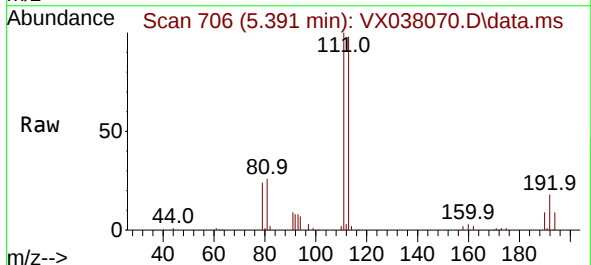
Instrument :
MSVOA_X
ClientSampleId :
MW-107(20)

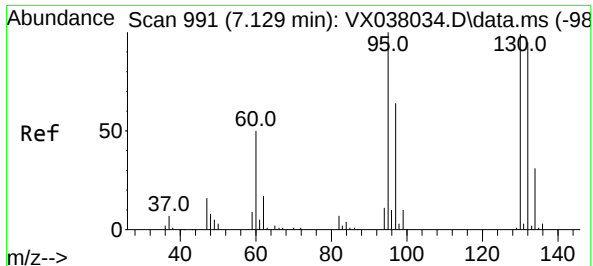
Tgt Ion:114 Resp: 179995
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.069 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

Tgt Ion:113 Resp: 58123
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.6 13.3 19.9

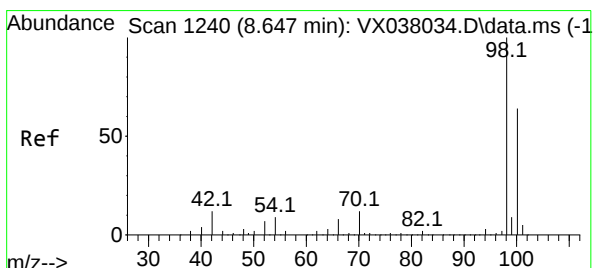
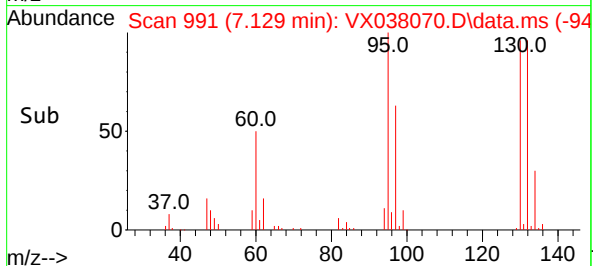
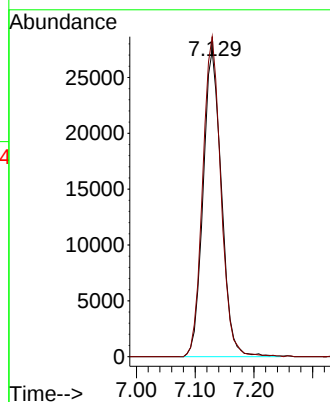
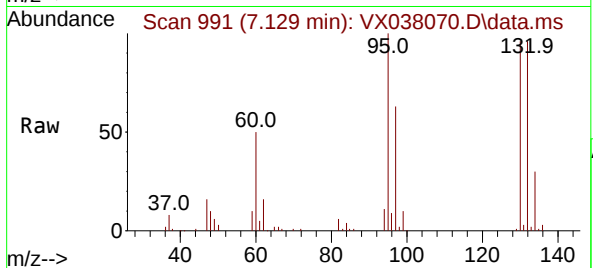




#44
Trichloroethene
Concen: 43.087 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

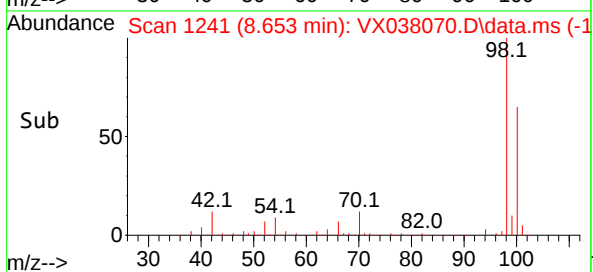
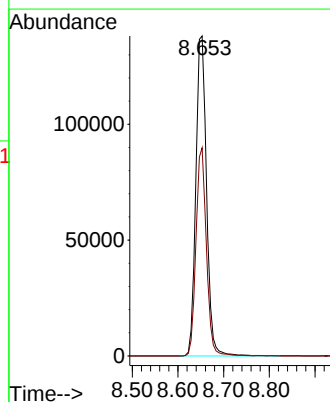
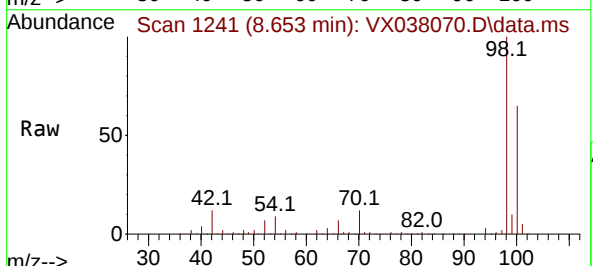
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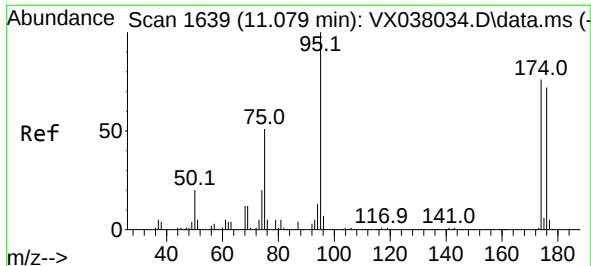
Tgt Ion:130 Resp: 59691
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.4



#50
Toluene-d8
Concen: 47.625 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

Tgt Ion: 98 Resp: 225065
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.183 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038070.D

Acq: 04 Oct 2023 17:08

Instrument :

MSVOA_X

ClientSampleId :

MW-107(20)

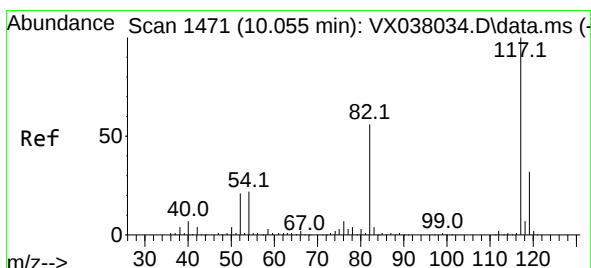
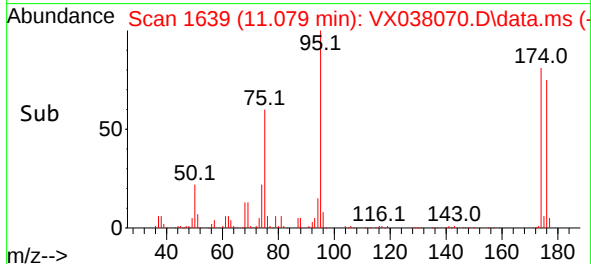
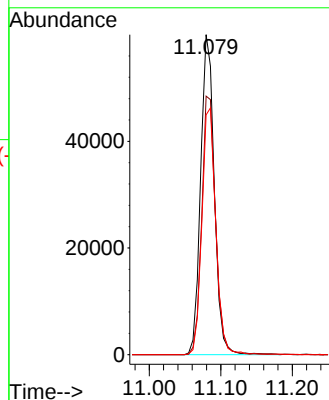
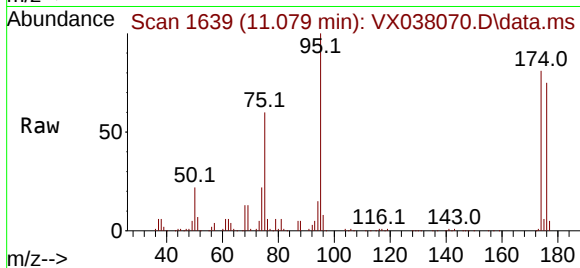
Tgt Ion: 95 Resp: 79430

Ion Ratio Lower Upper

95 100

174 81.8 0.0 135.6

176 78.9 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038070.D

Acq: 04 Oct 2023 17:08

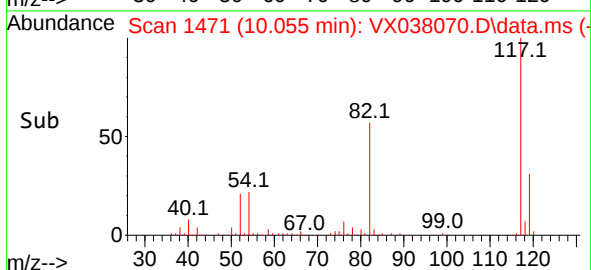
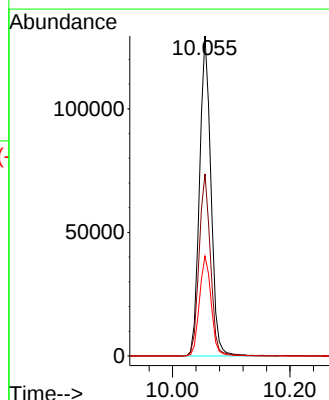
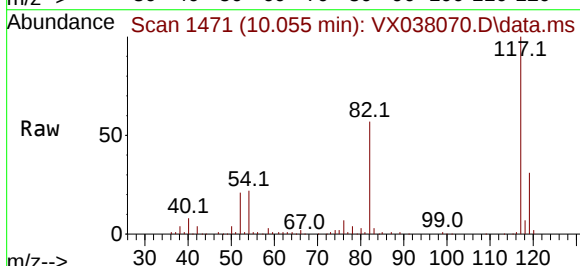
Tgt Ion: 117 Resp: 174688

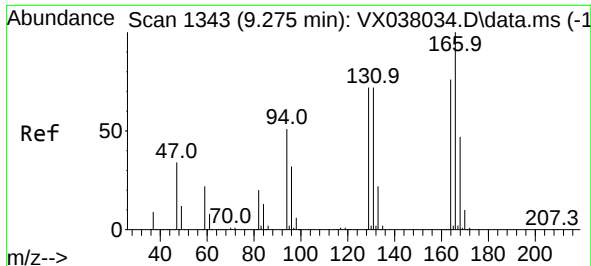
Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 31.2 25.5 38.3

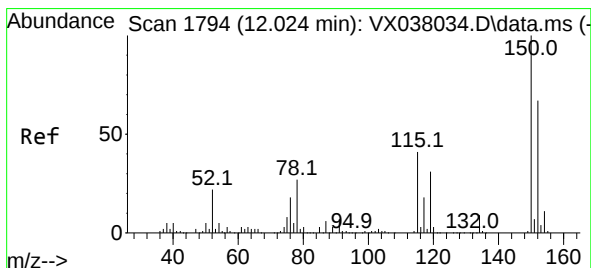
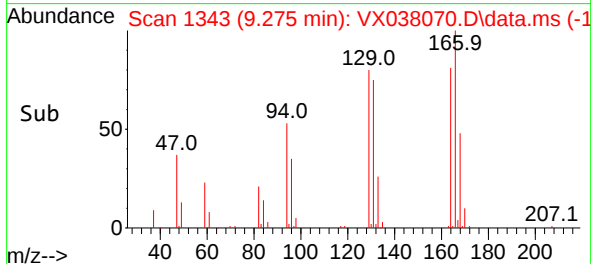
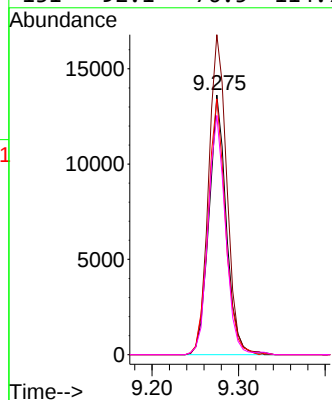
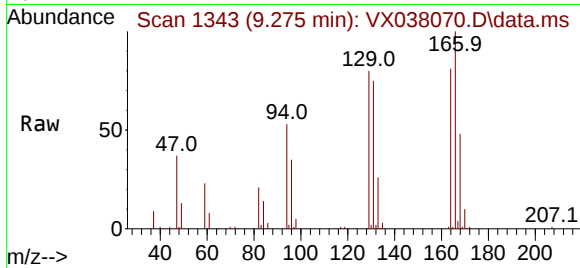




#64
Tetrachloroethene
Concen: 16.260 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

Instrument :
MSVOA_X
ClientSampleId :
MW-107(20)

Tgt Ion:164 Resp: 18899
Ion Ratio Lower Upper
164 100
166 123.3 102.7 154.1
129 98.6 80.4 120.6
131 92.1 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038070.D
Acq: 04 Oct 2023 17:08

Tgt Ion:152 Resp: 85265
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 159.4 0.0 345.0

