

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038068.D
 Acq On : 04 Oct 2023 16:21
 Operator : JC/MD
 Sample : 04656-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102S

Quant Time: Oct 05 01:03:55 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)

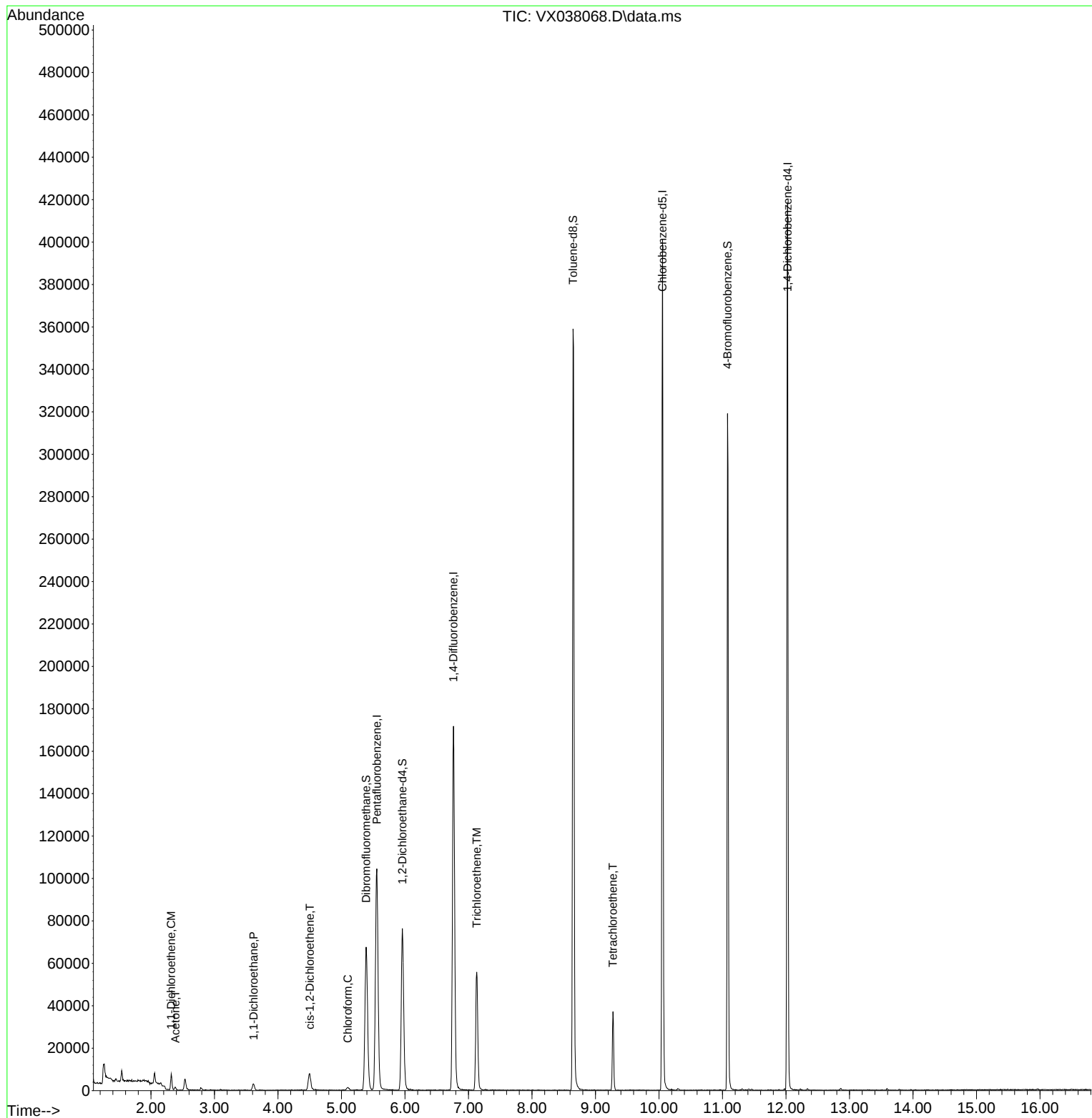
Internal Standards						
1) Pentafluorobenzene	5.556	168	97114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74075	49.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.040%
35) Dibromofluoromethane	5.385	113	56025	47.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	220845	48.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	79931	48.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.660%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2213	2.407	ug/l	91
16) Acetone	2.386	43	1517	2.286	ug/l #	86
24) 1,1-Dichloroethane	3.617	63	3614	1.748	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	4892	3.798	ug/l	86
30) Chloroform	5.099	83	1670	0.742	ug/l	96
44) Trichloroethene	7.129	130	21248	15.950	ug/l	98
64) Tetrachloroethene	9.275	164	6640	5.855	ug/l	89

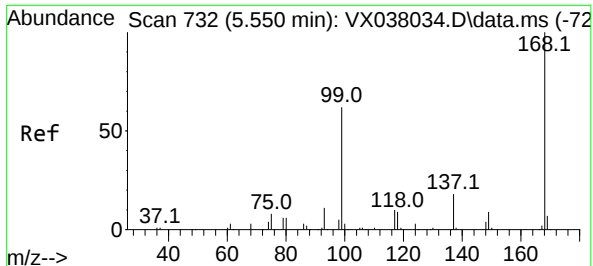
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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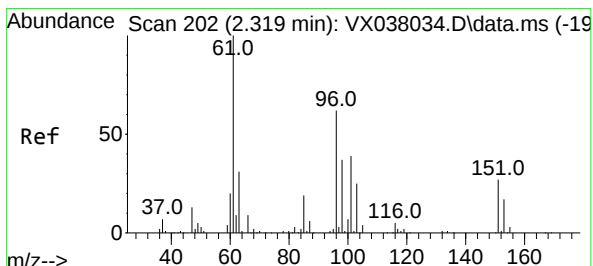
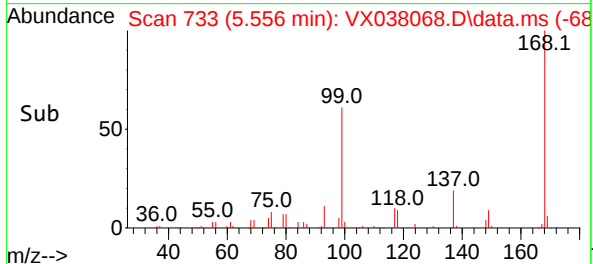
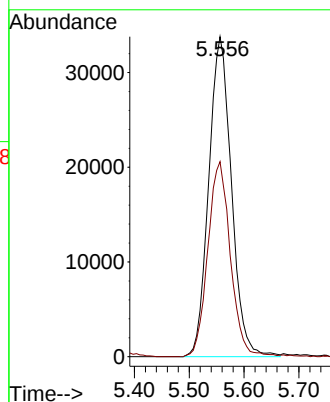
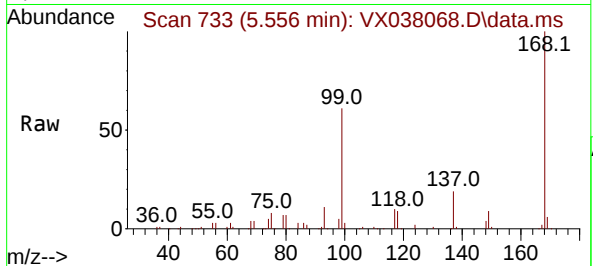




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

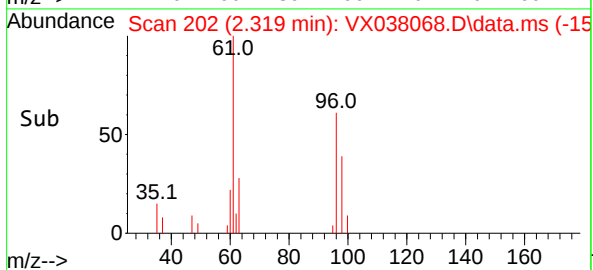
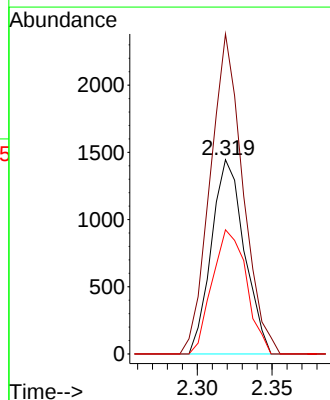
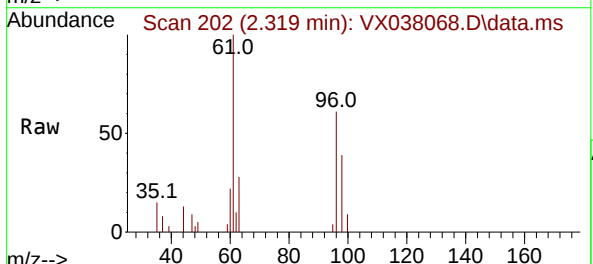
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

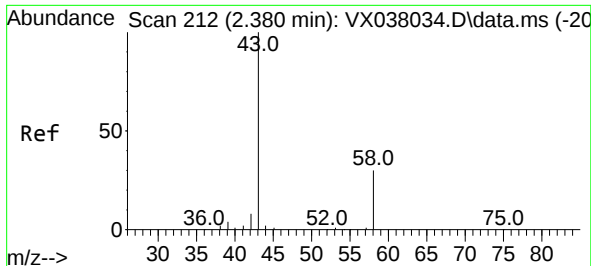
Tgt Ion:168 Resp: 97114
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 2.407 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion: 96 Resp: 2213
Ion Ratio Lower Upper
96 100
61 164.7 144.6 216.8
98 63.9 50.4 75.6





#16

Acetone

Concen: 2.286 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

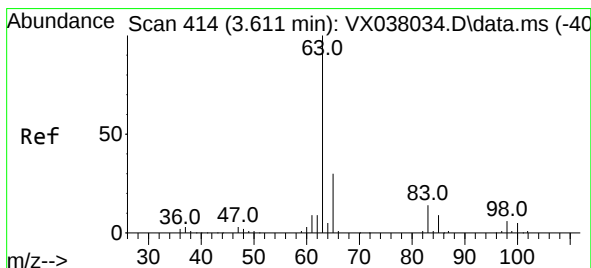
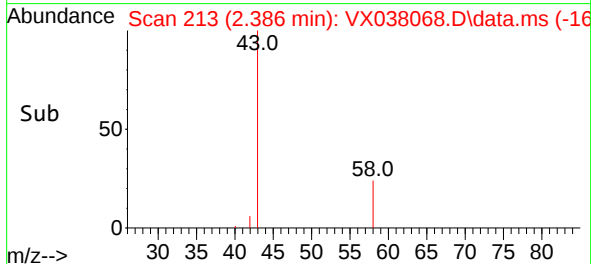
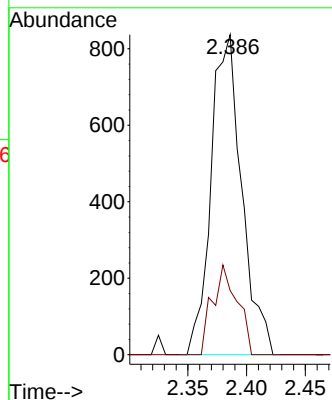
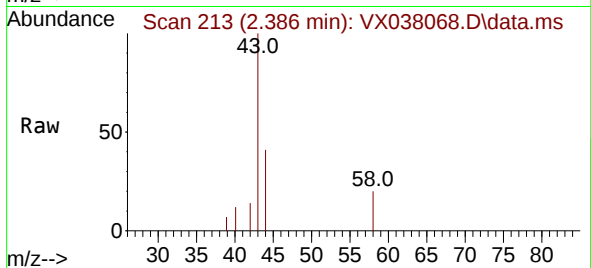
MW-102S

Tgt Ion: 43 Resp: 1517

Ion Ratio Lower Upper

43 100

58 20.1 21.9 32.9#



#24

1,1-Dichloroethane

Concen: 1.748 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

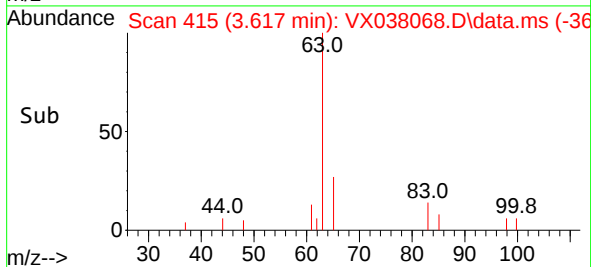
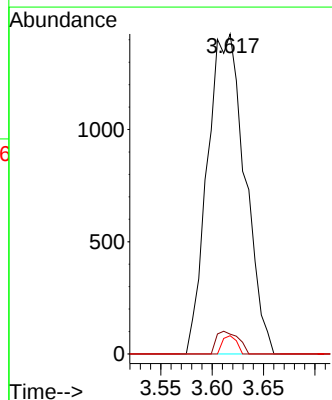
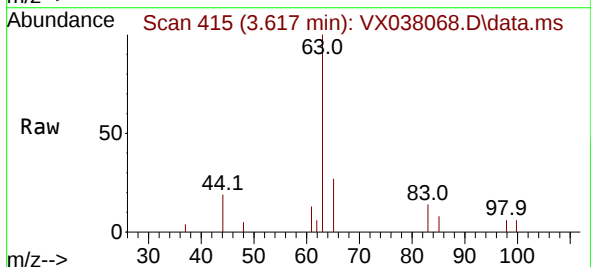
Tgt Ion: 63 Resp: 3614

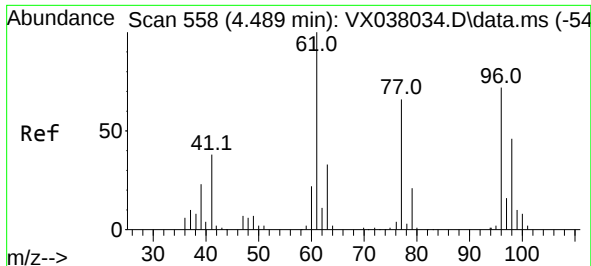
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 5.7 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 3.798 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

MW-102S

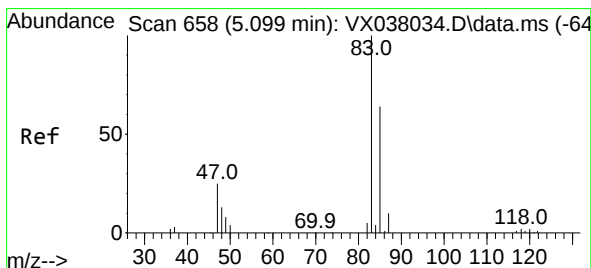
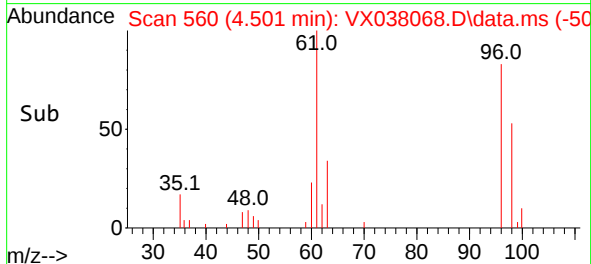
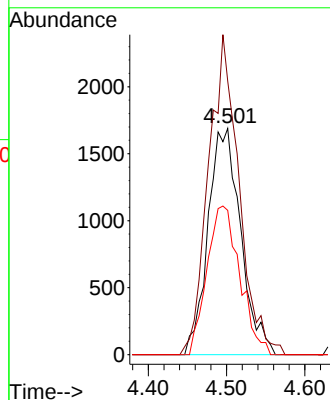
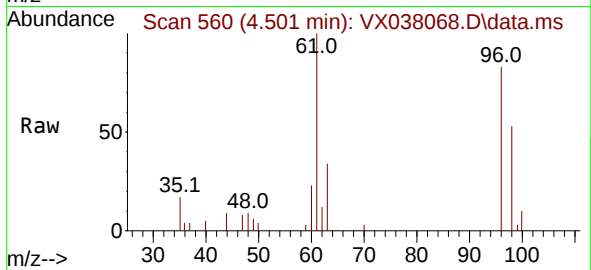
Tgt Ion: 96 Resp: 4892

Ion Ratio Lower Upper

96 100

61 132.2 0.0 312.2

98 66.1 0.0 129.0



#30

Chloroform

Concen: 0.742 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX038068.D

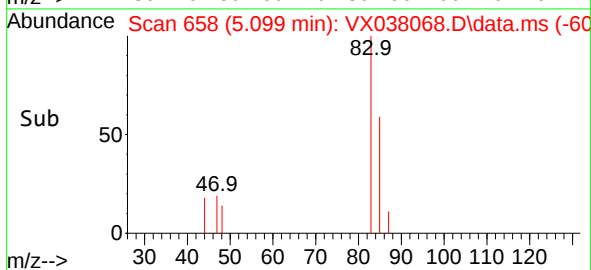
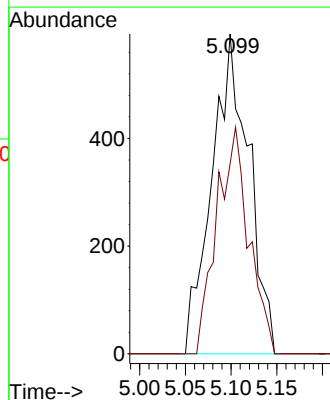
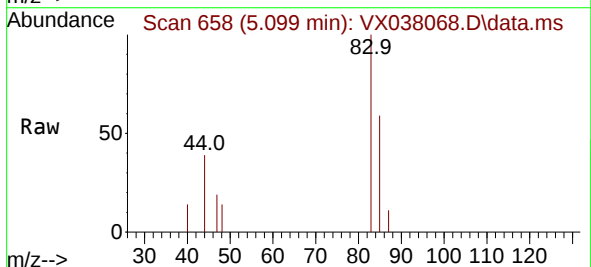
Acq: 04 Oct 2023 16:21

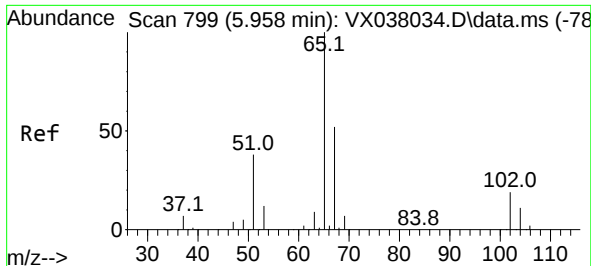
Tgt Ion: 83 Resp: 1670

Ion Ratio Lower Upper

83 100

85 59.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.022 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

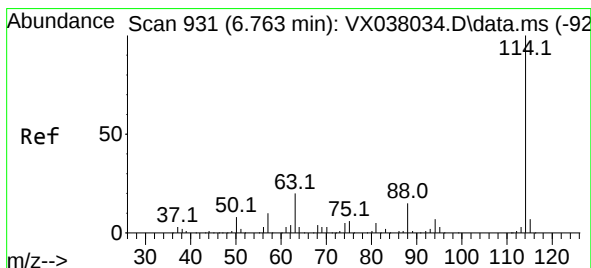
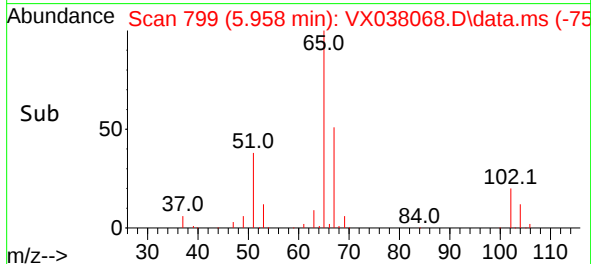
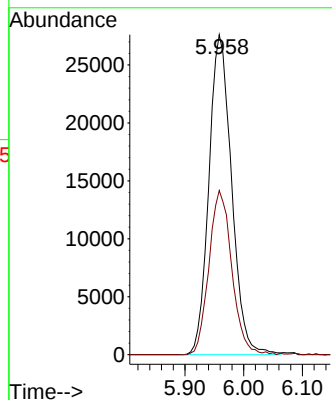
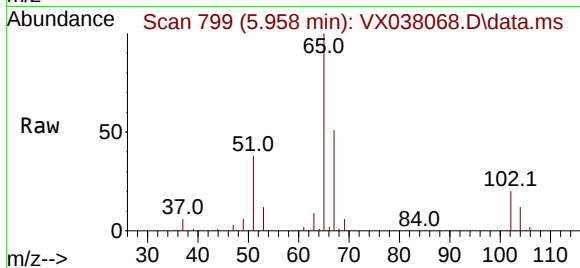
MW-102S

Tgt Ion: 65 Resp: 74075

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

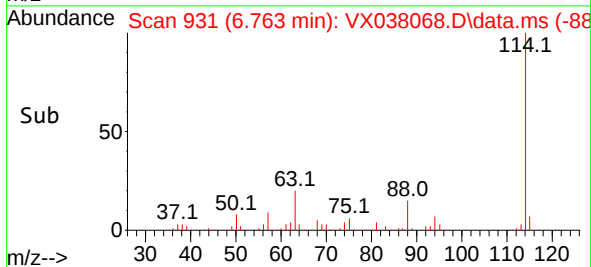
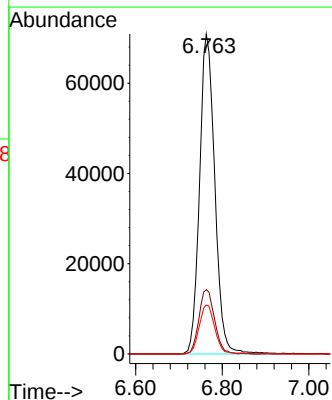
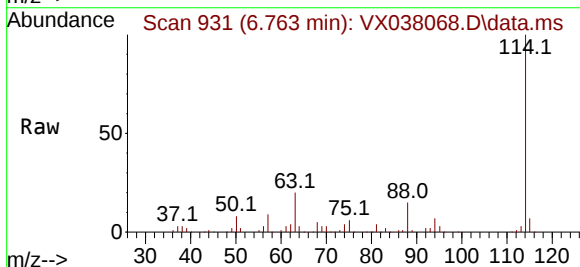
Tgt Ion: 114 Resp: 173082

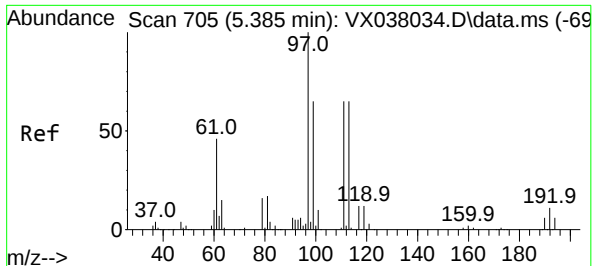
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

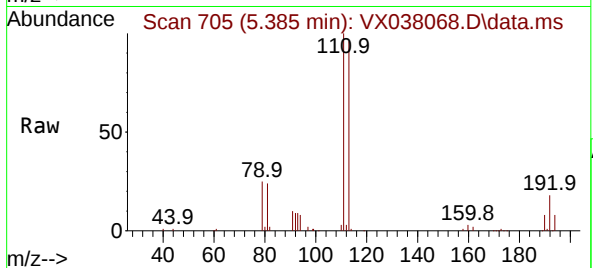
88 15.3 0.0 36.6



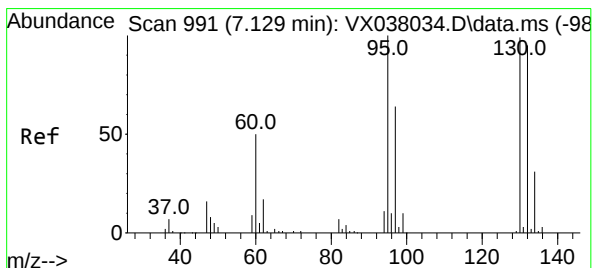
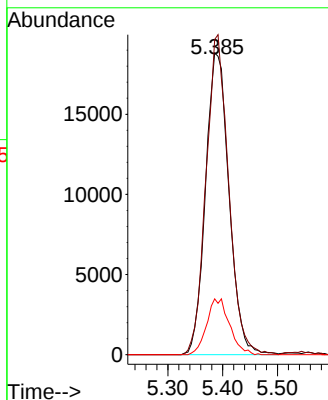
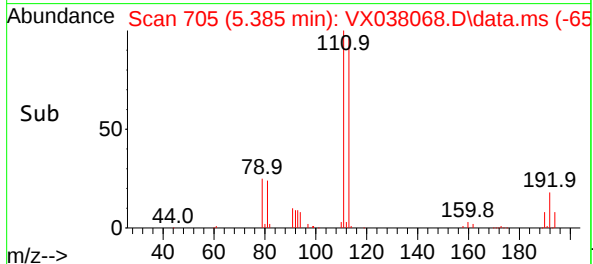


#35
Dibromofluoromethane
Concen: 47.182 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
MW-102S

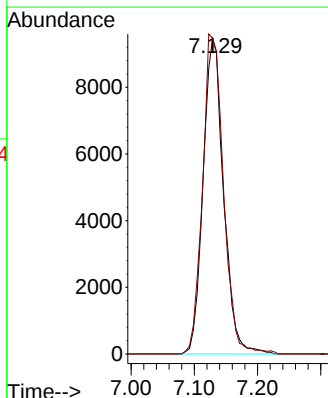
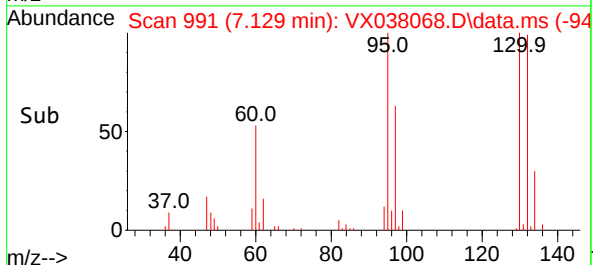
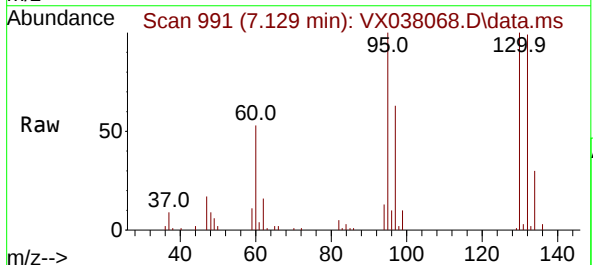


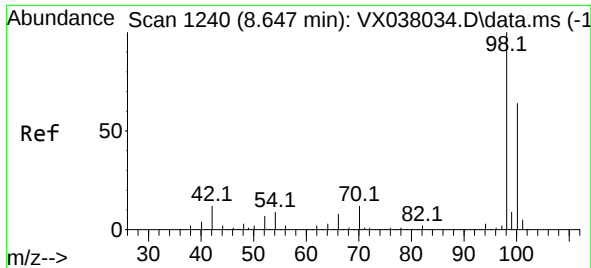
Tgt Ion:113 Resp: 56025
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.0 13.3 19.9



#44
Trichloroethene
Concen: 15.950 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion:130 Resp: 21248
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4

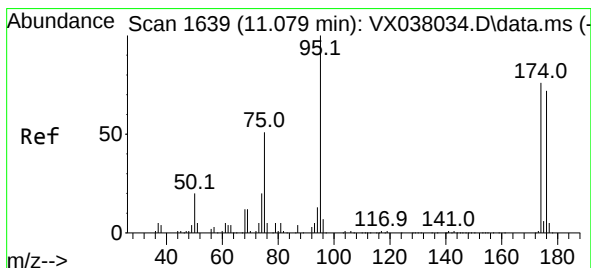
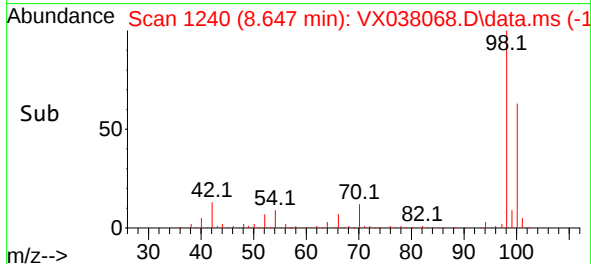
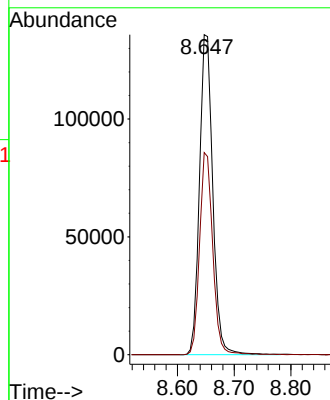
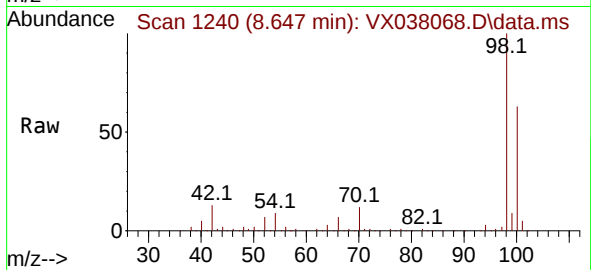




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

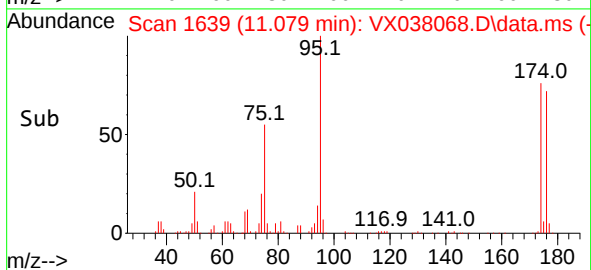
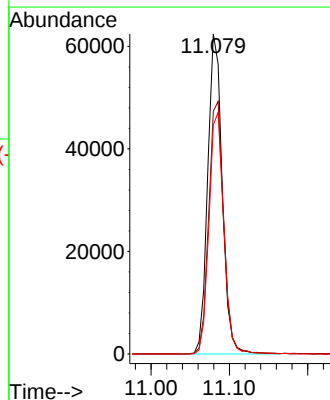
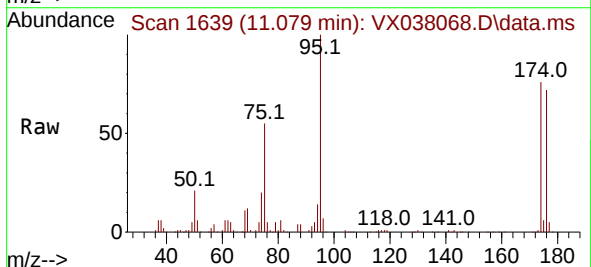
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

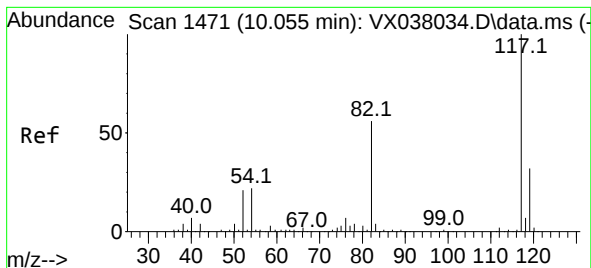
Tgt Ion: 98 Resp: 220845
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038068.D
Acq: 04 Oct 2023 16:21

Tgt Ion: 95 Resp: 79931
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 77.4 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: VX038068.D

Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

MW-102S

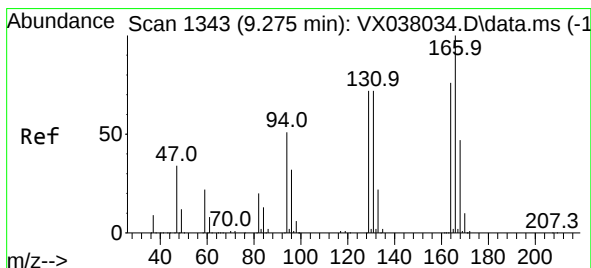
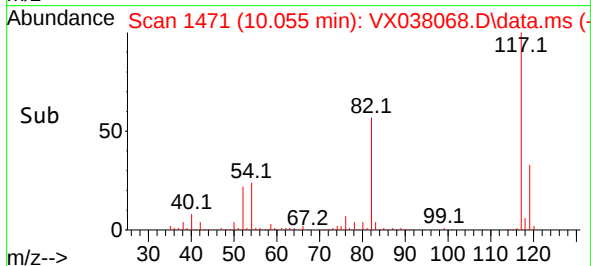
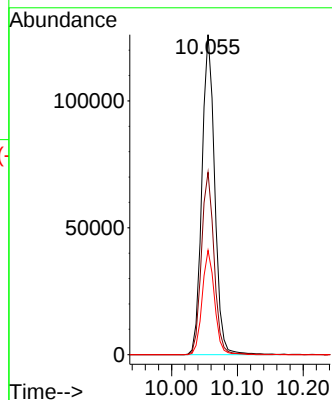
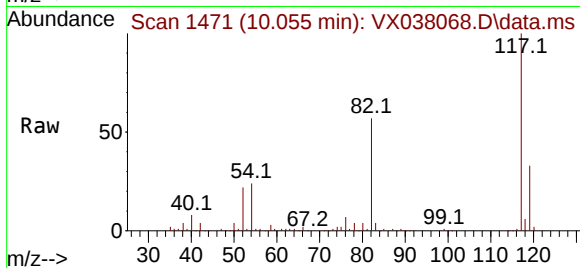
Tgt Ion:117 Resp: 170440

Ion Ratio Lower Upper

117 100

82 57.0 46.2 69.4

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 5.855 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038068.D

Acq: 04 Oct 2023 16:21

Tgt Ion:164 Resp: 6640

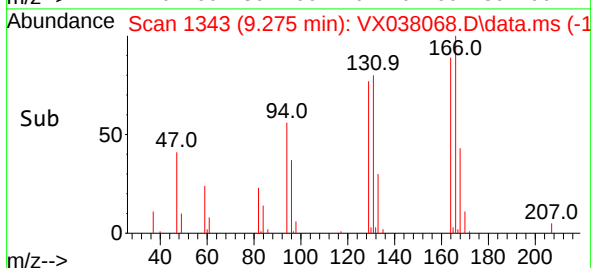
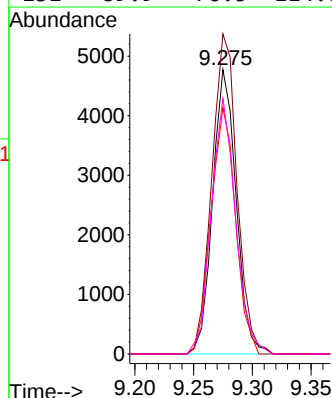
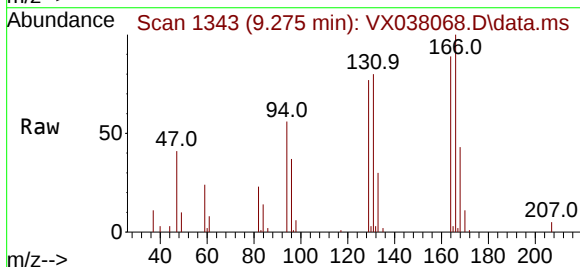
Ion Ratio Lower Upper

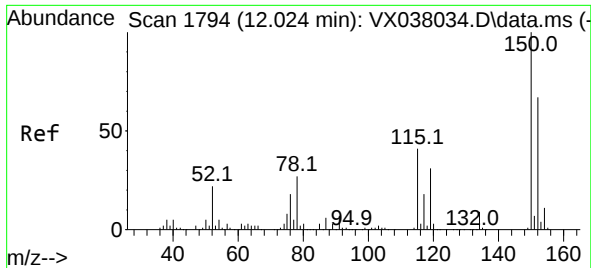
164 100

166 112.6 102.7 154.1

129 86.7 80.4 120.6

131 89.9 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038068.D

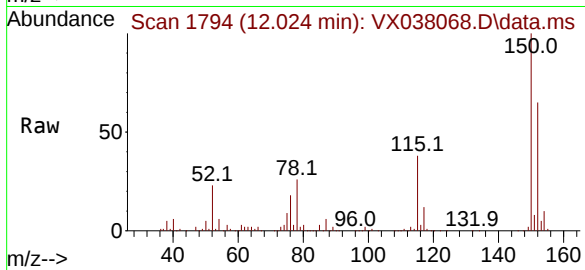
Acq: 04 Oct 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

MW-102S



Tgt Ion:152 Resp: 84912

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 156.2 0.0 345.0

