

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036898.D
 Acq On : 09 Aug 2023 19:33
 Operator : JC/MD
 Sample : 03957-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14-0809

Quant Time: Aug 10 01:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

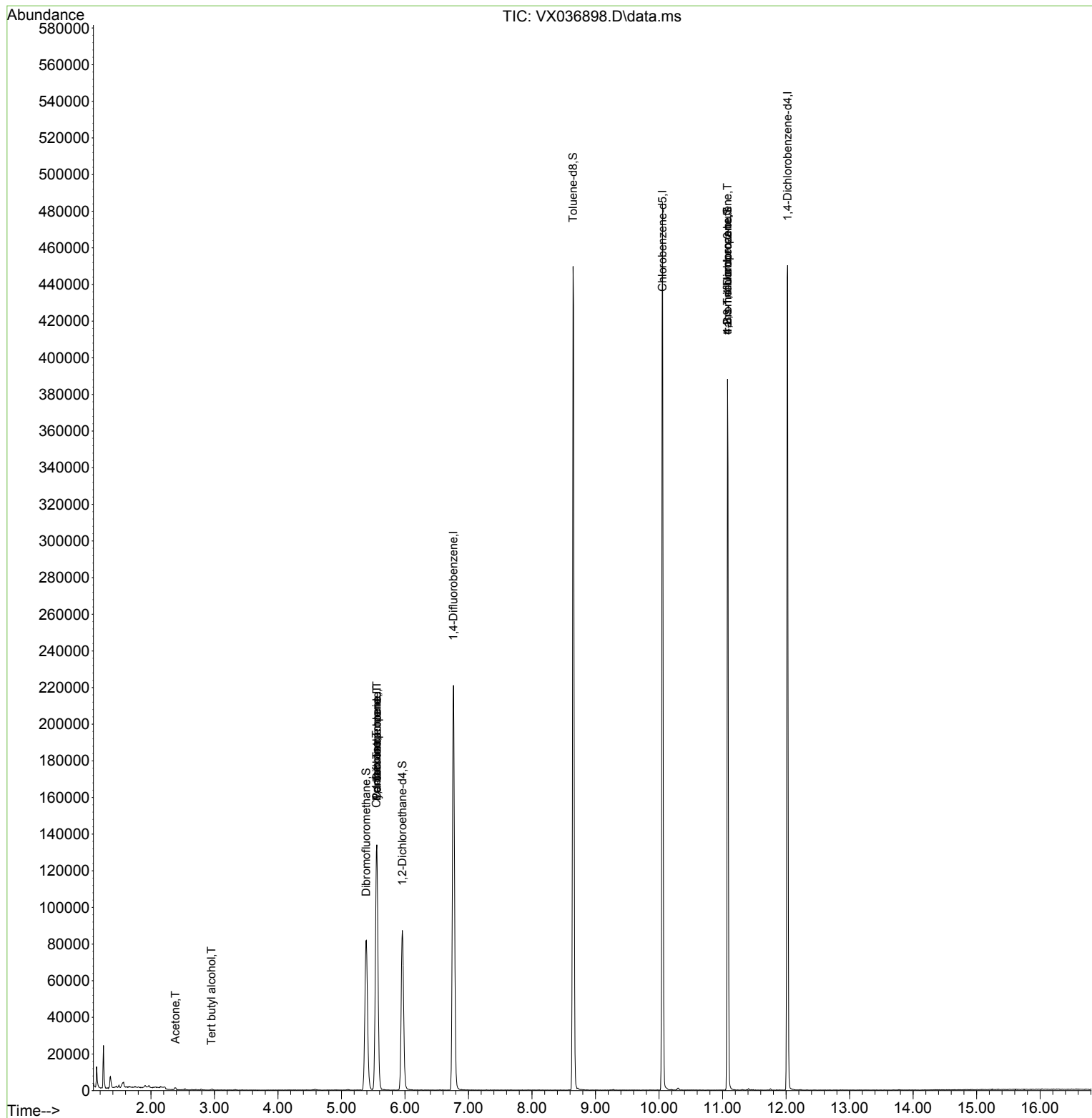
Internal Standards						
1) Pentafluorobenzene	5.556	168	122704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86451	47.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.240%
35) Dibromofluoromethane	5.385	113	72900	46.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	268989	48.711	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	104053	49.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	526	1.224	ug/l #	78
16) Acetone	2.386	43	1316	1.747	ug/l	93
31) Cyclohexane	5.550	56	2668	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10201	4.395	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13395	5.428	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	54798	24.566	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54798	55.681	ug/l #	5

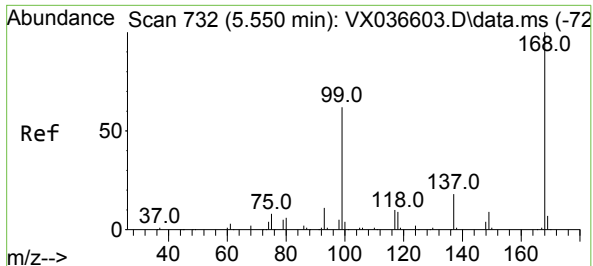
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

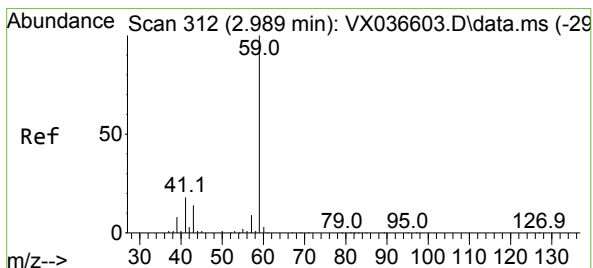
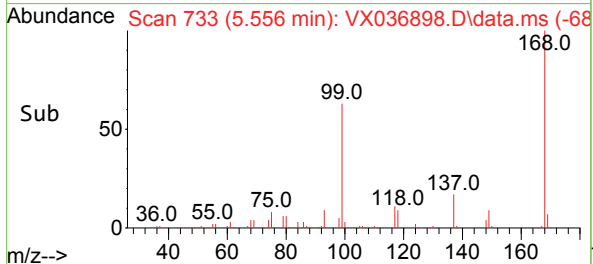
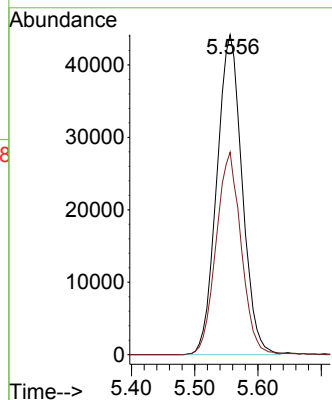
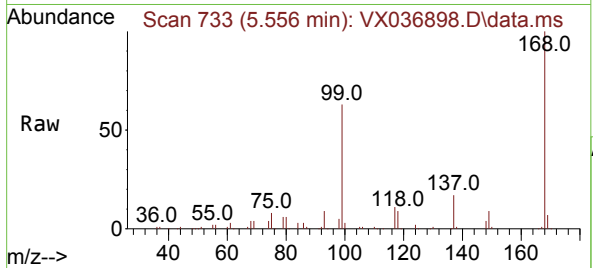




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

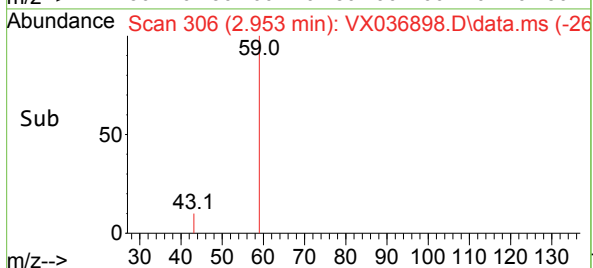
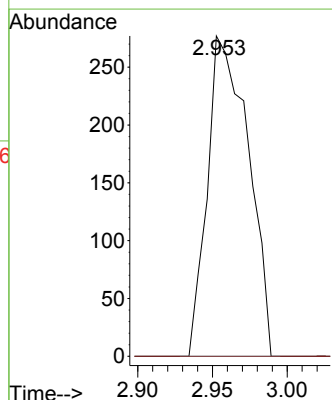
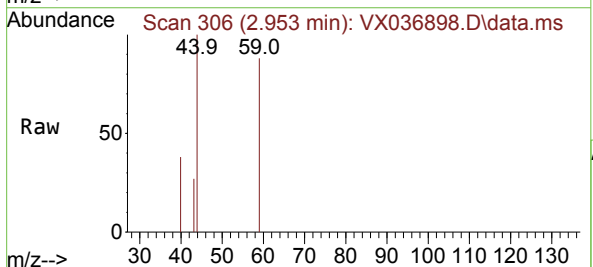
Instrument :
MSVOA_X
ClientSampleId :
MW-14-0809

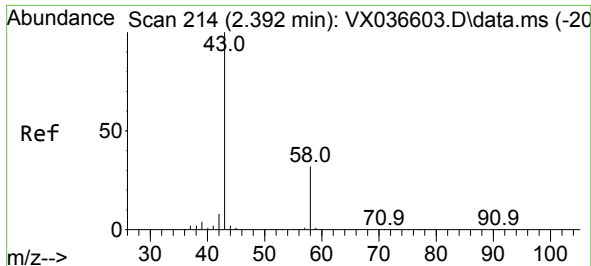
Tgt Ion:168 Resp: 122704
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.224 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

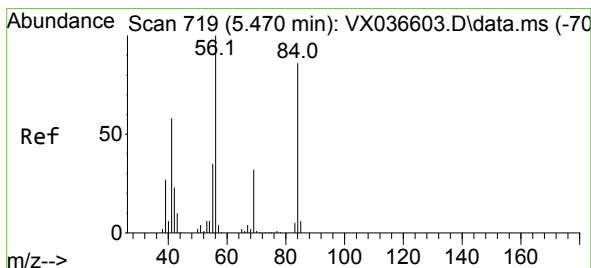
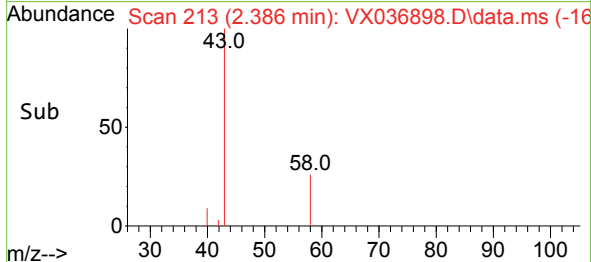
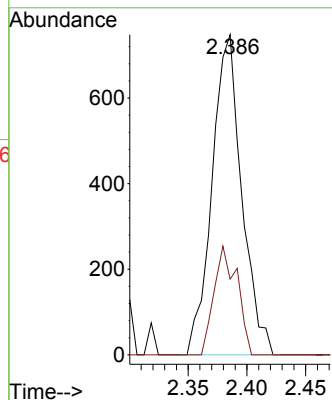
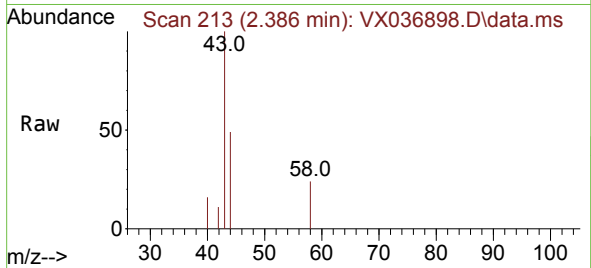




#16
Acetone
Concen: 1.747 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

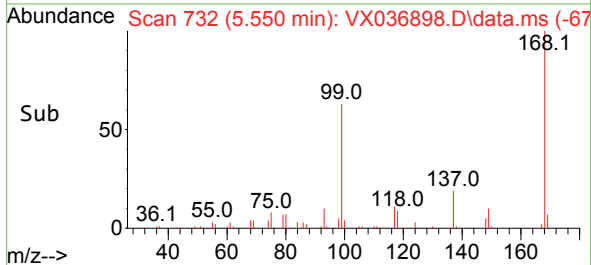
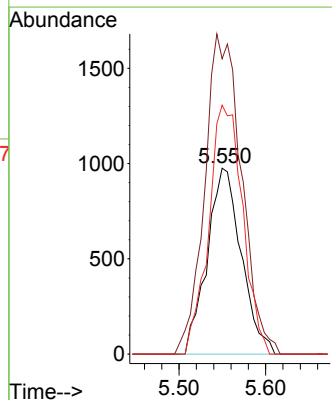
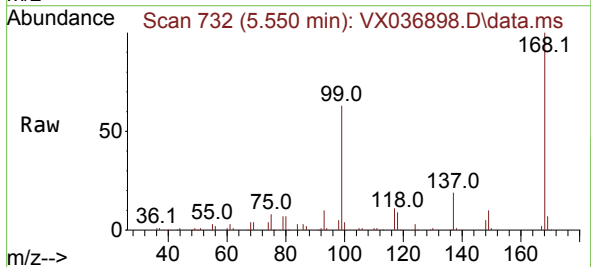
Instrument : MSVOA_X
ClientSampleId : MW-14-0809

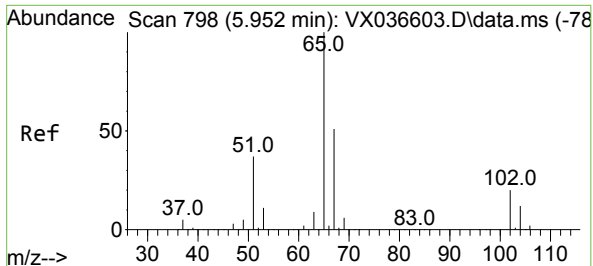
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 23.7 21.9 32.9



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

Tgt Ion: 56 Resp: 2668
Ion Ratio Lower Upper
56 100
69 158.9 23.4 35.2#
84 133.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.616 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036898.D

Acq: 09 Aug 2023 19:33

Instrument :

MSVOA_X

ClientSampleId :

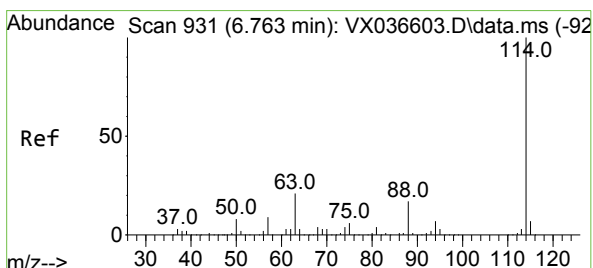
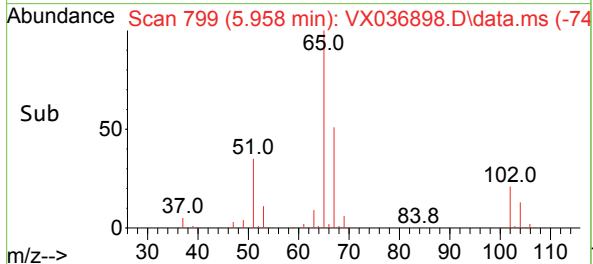
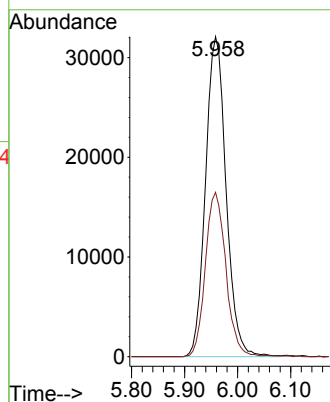
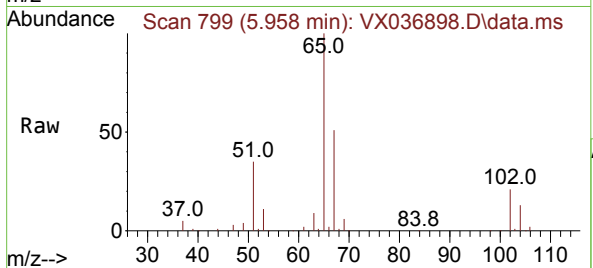
MW-14-0809

Tgt Ion: 65 Resp: 86451

Ion Ratio Lower Upper

65 100

67 51.2 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: VX036898.D

Acq: 09 Aug 2023 19:33

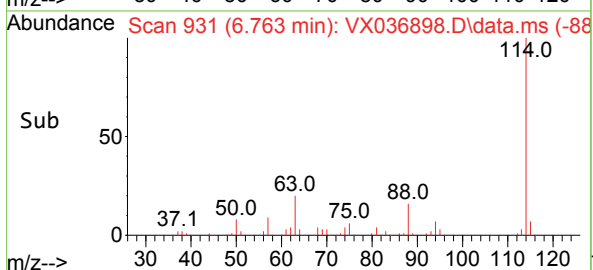
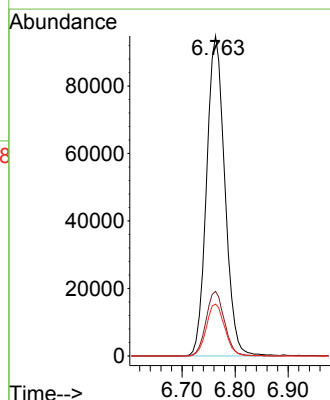
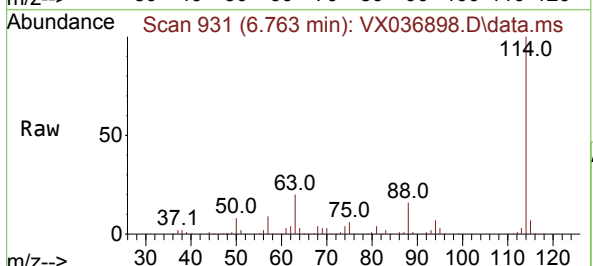
Tgt Ion: 114 Resp: 226553

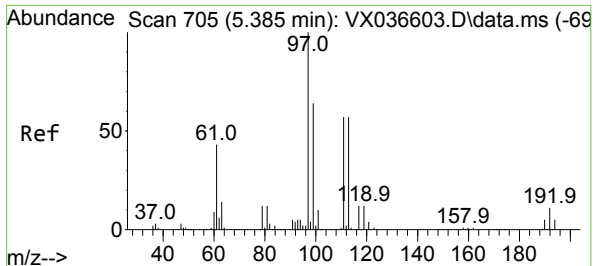
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.2 0.0 36.6

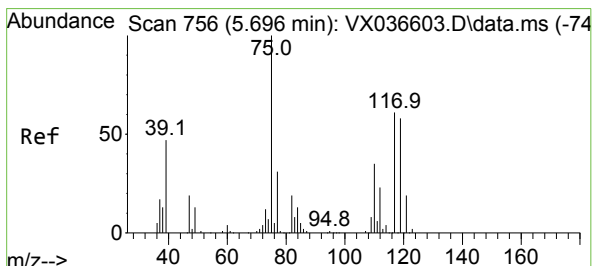
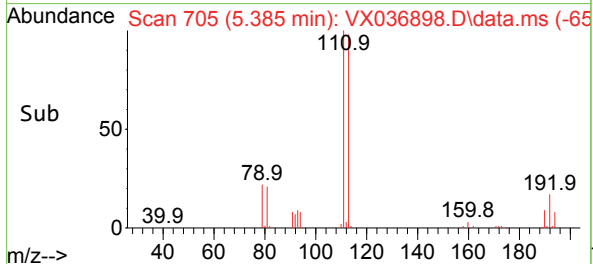
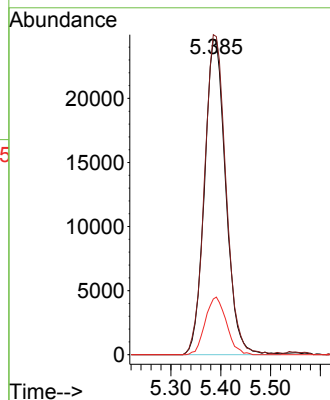
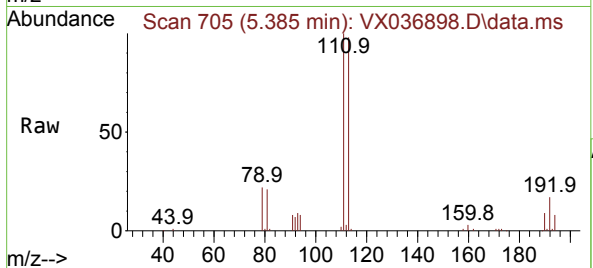




#35
Dibromofluoromethane
Concen: 46.815 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

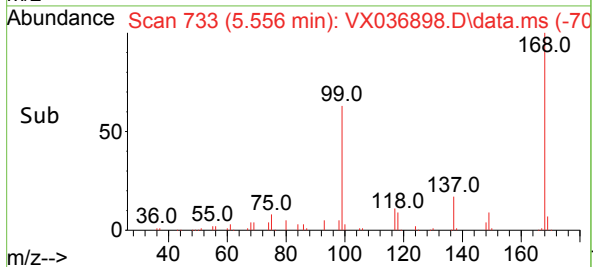
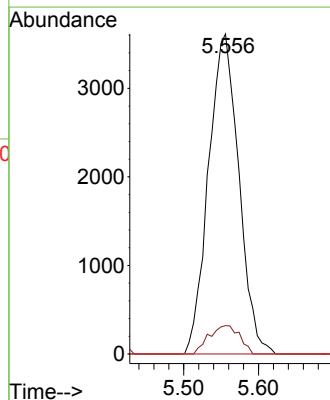
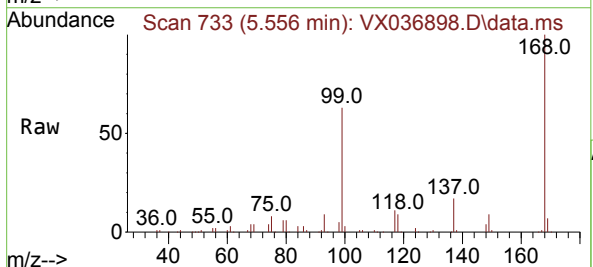
Instrument :
MSVOA_X
ClientSampleId :
MW-14-0809

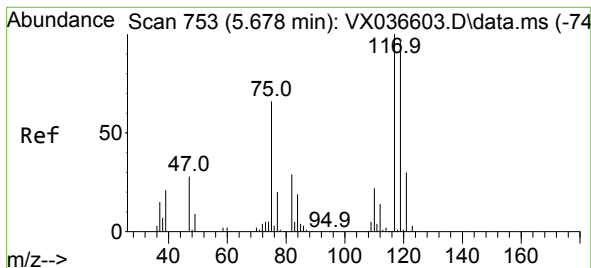
Tgt Ion:113 Resp: 72900
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.395 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

Tgt Ion: 75 Resp: 10201
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.428 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX036898.D

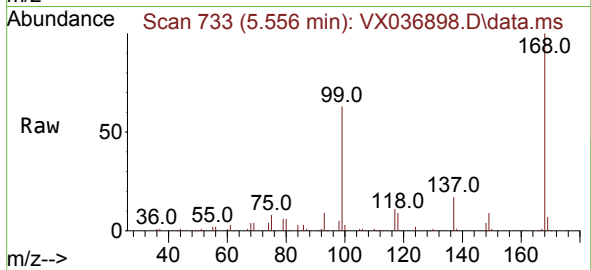
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Instrument :

MSVOA_X

ClientSampleId :

MW-14-0809



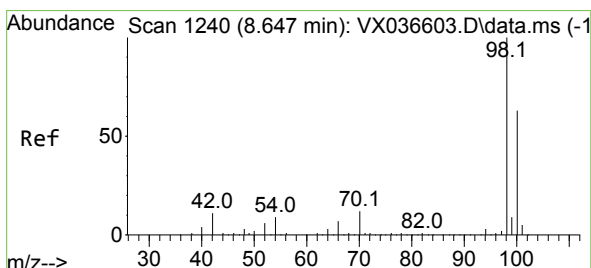
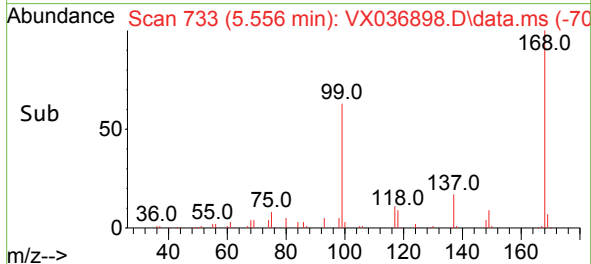
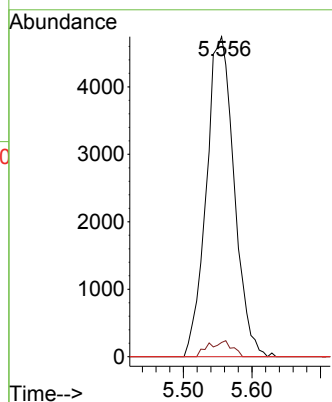
Tgt Ion:117 Resp: 13395

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.711 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036898.D

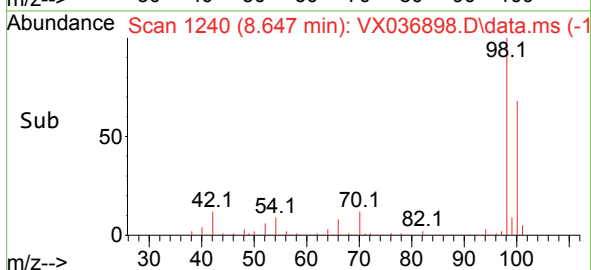
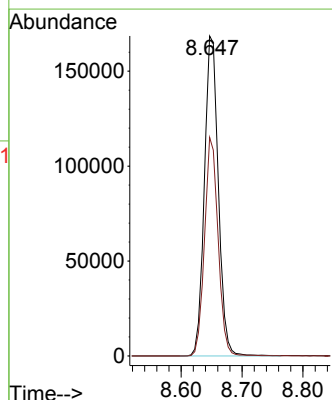
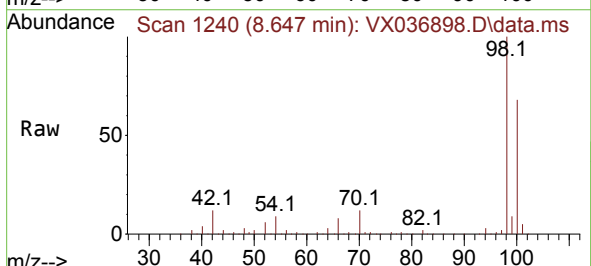
Acq: 09 Aug 2023 19:33

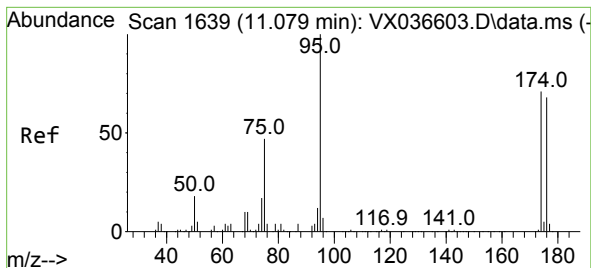
Tgt Ion: 98 Resp: 268989

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

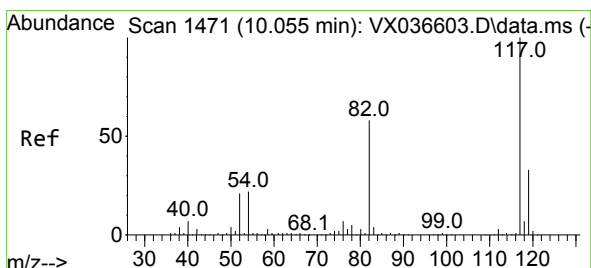
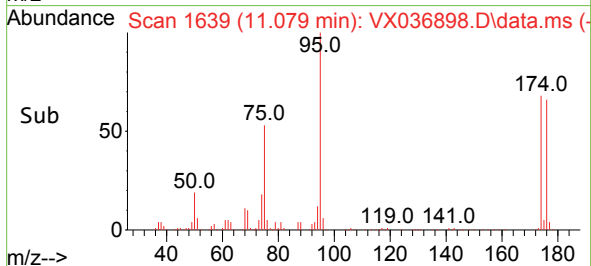
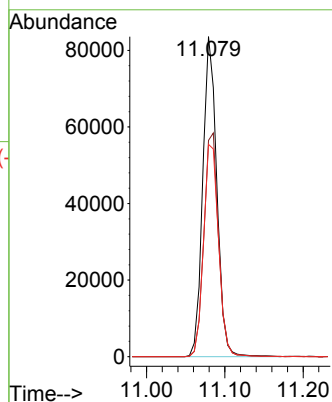
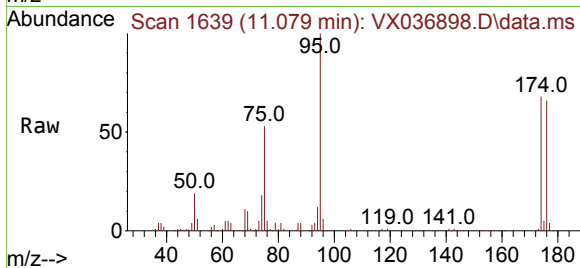




#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

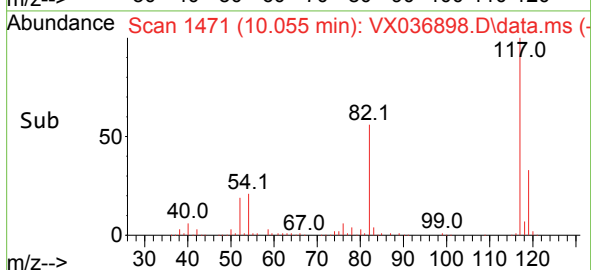
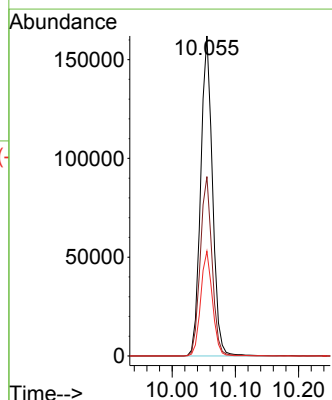
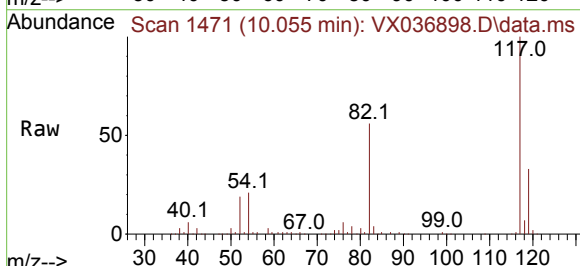
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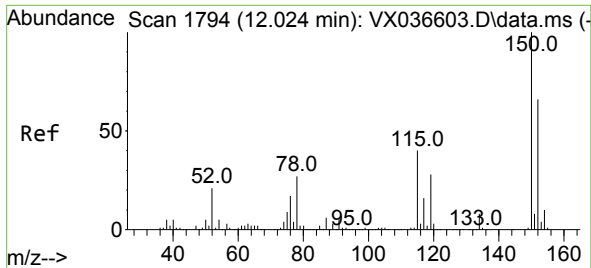
Tgt Ion: 95 Resp: 104053
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

Tgt Ion: 117 Resp: 210743
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.7 25.5 38.3

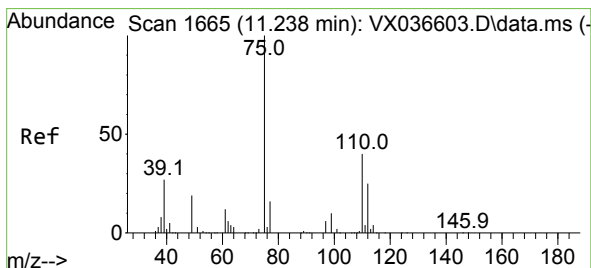
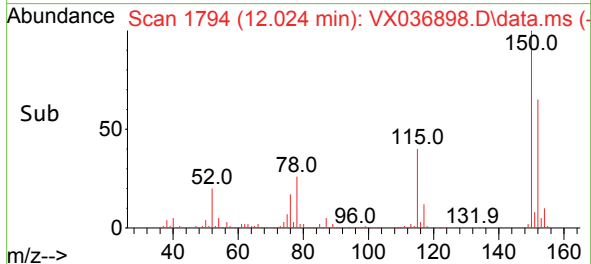
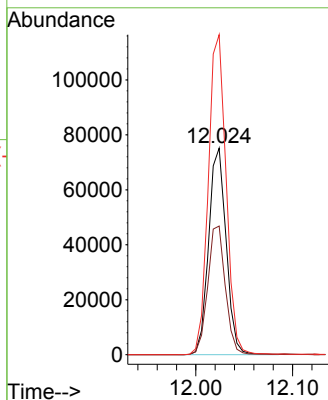
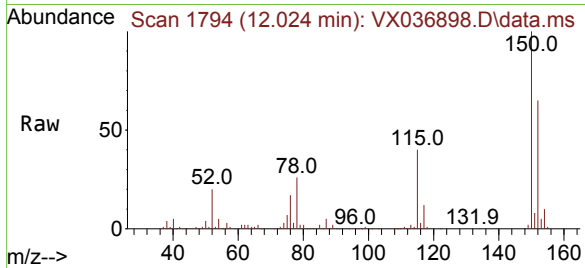




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

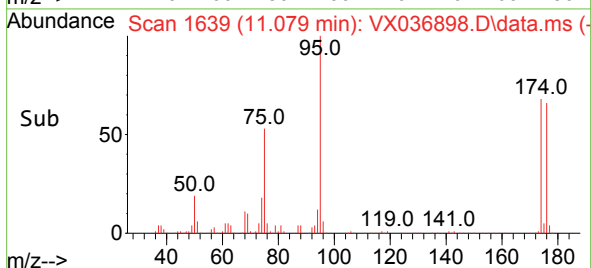
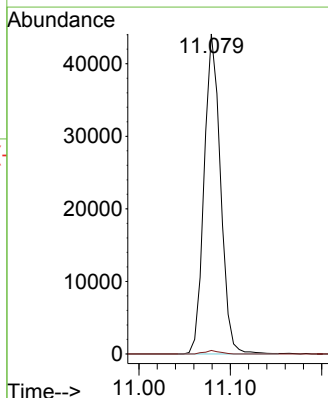
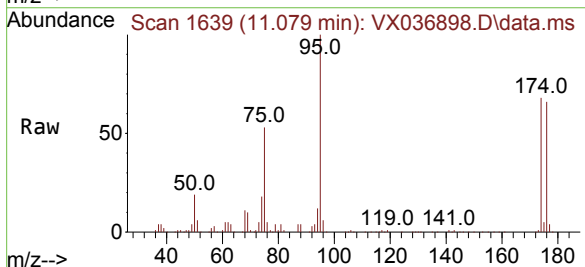
Instrument :
MSVOA_X
ClientSampleId :
MW-14-0809

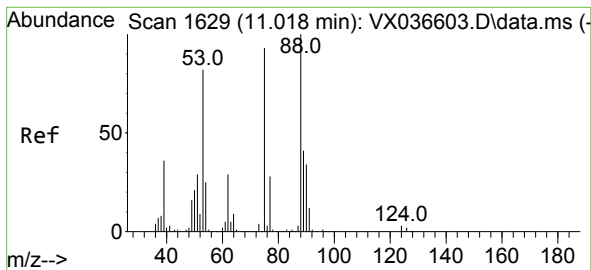
Tgt Ion:152 Resp: 94834
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 158.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036898.D
Acq: 09 Aug 2023 19:33

Tgt Ion: 75 Resp: 54798
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.681 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036898.D
 Acq: 09 Aug 2023 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14-0809

Tgt Ion: 75 Resp: 54798
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

