

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036897.D
 Acq On : 09 Aug 2023 19:09
 Operator : JC/MD
 Sample : 03957-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16-0809

Quant Time: Aug 10 01:21:21 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)

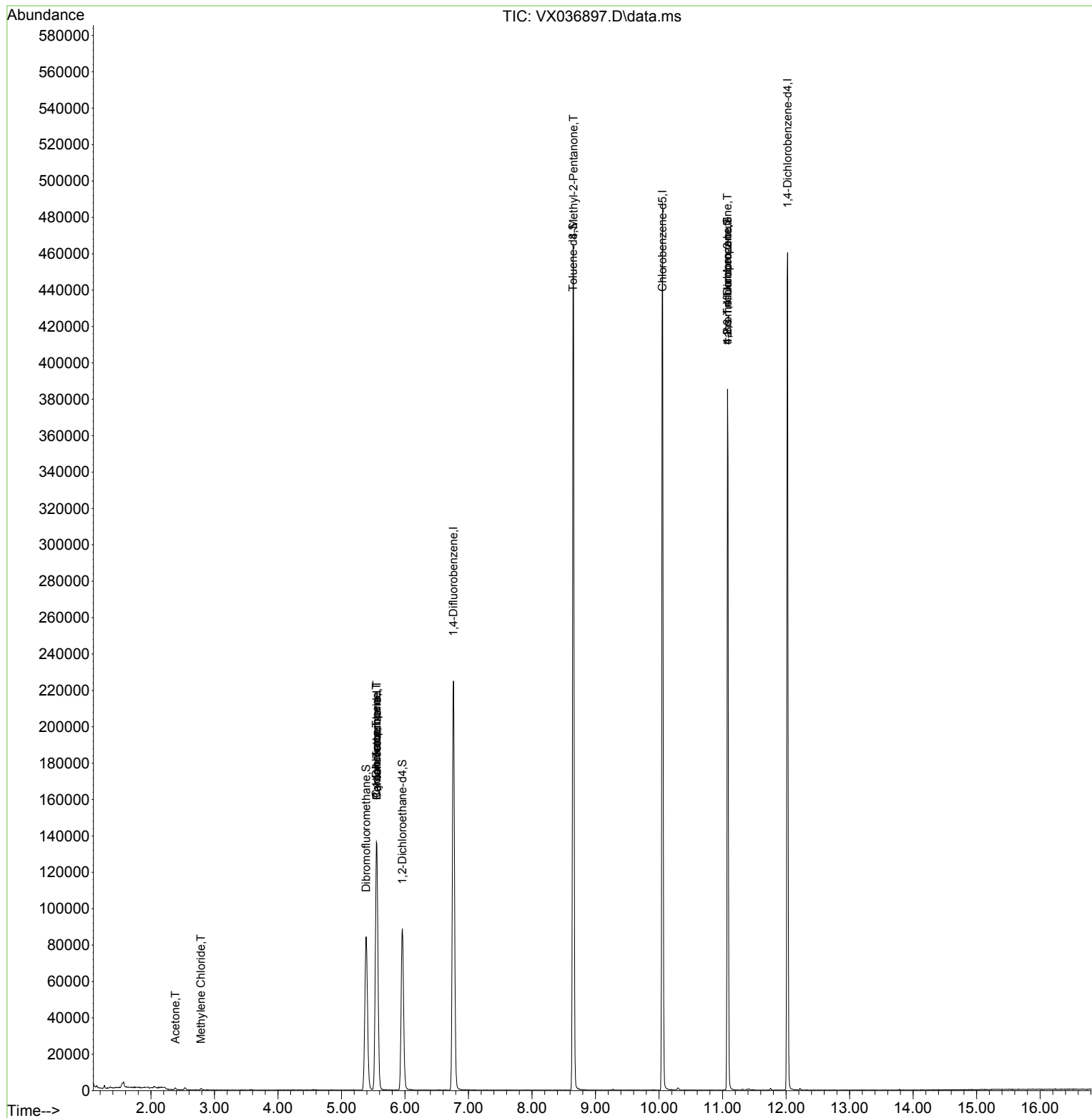
Internal Standards						
1) Pentafluorobenzene	5.556	168	128298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89074	46.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.840%
35) Dibromofluoromethane	5.385	113	74660	46.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	280879	49.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	104911	48.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1127	1.431	ug/l	92
20) Methylene Chloride	2.788	84	362	0.207	ug/l #	76
31) Cyclohexane	5.550	56	2776	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10313	4.294	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13397	5.247	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1136	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55170	24.799	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55170	56.209	ug/l #	5

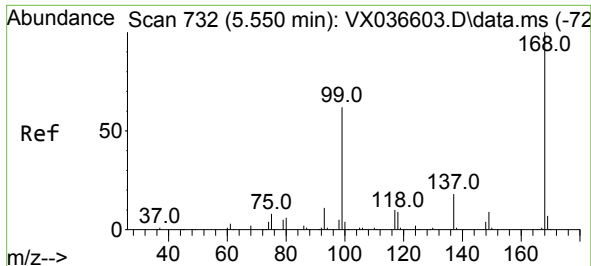
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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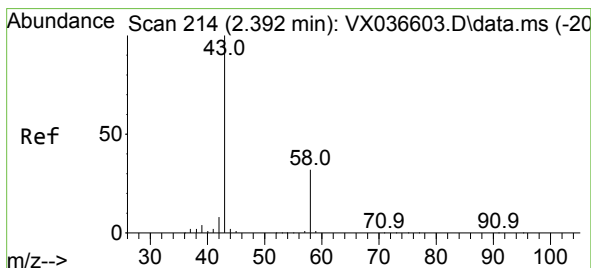
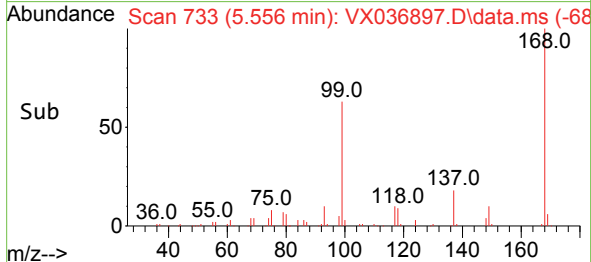
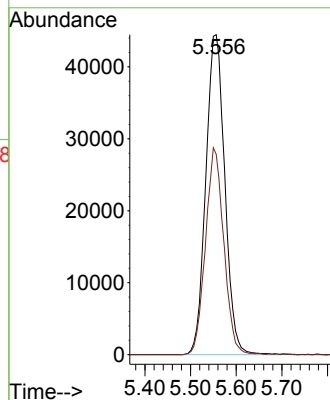
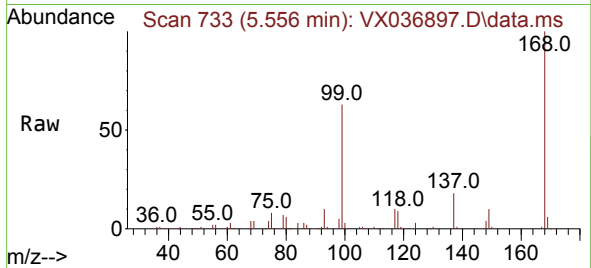




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

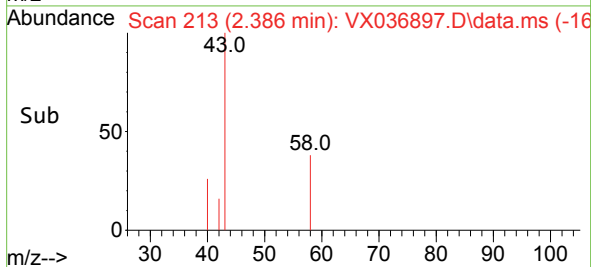
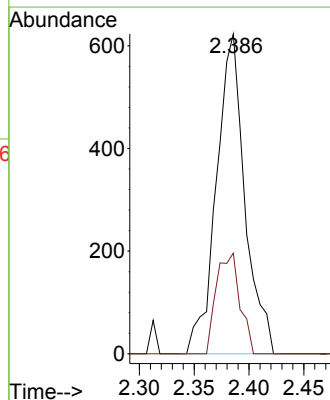
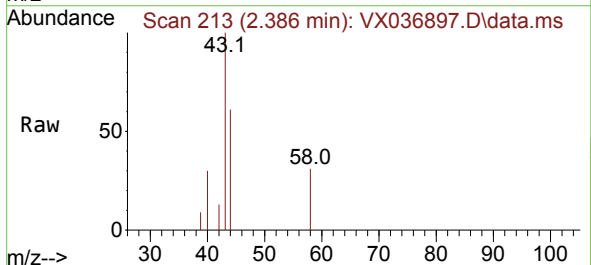
Instrument :
MSVOA_X
ClientSampleId :
MW-16-0809

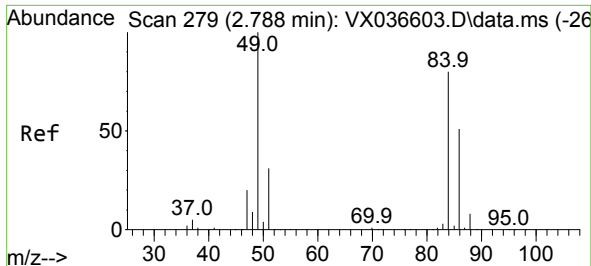
Tgt Ion:168 Resp: 128298
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#16
Acetone
Concen: 1.431 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.207 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

MW-16-0809

Tgt Ion: 84 Resp: 362

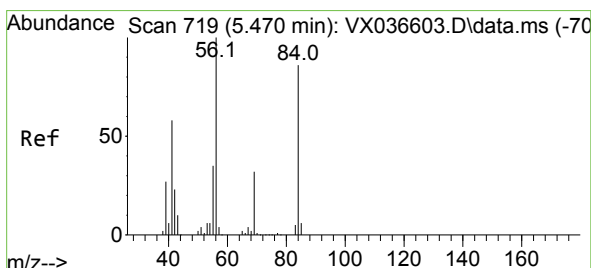
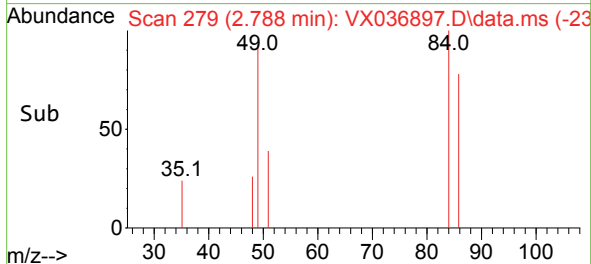
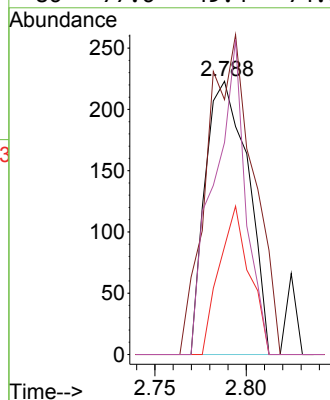
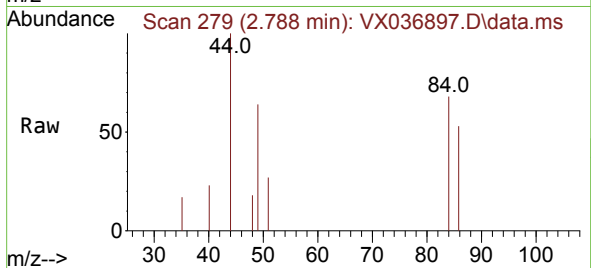
Ion Ratio Lower Upper

84 100

49 93.3 103.6 155.4#

51 39.5 33.8 50.6

86 77.6 49.4 74.0#



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

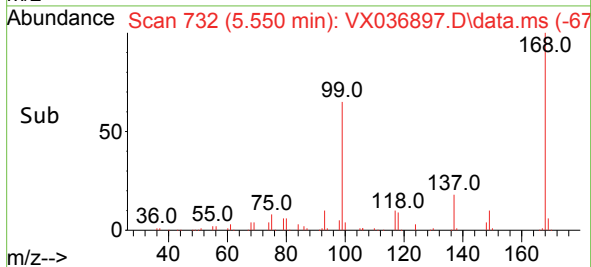
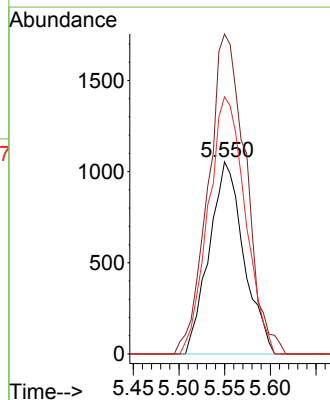
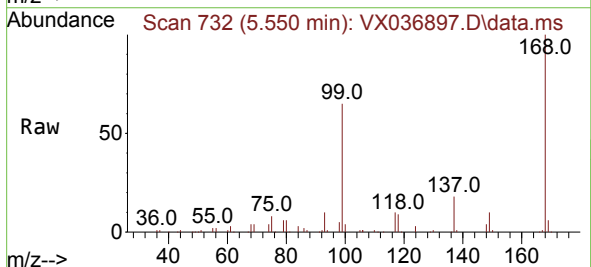
Tgt Ion: 56 Resp: 2776

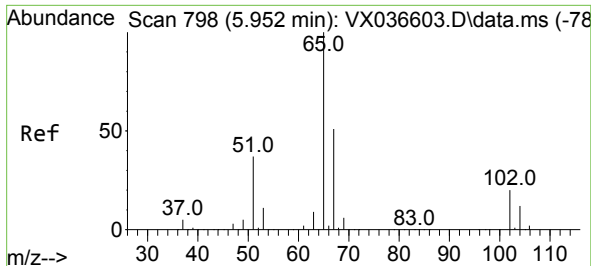
Ion Ratio Lower Upper

56 100

69 161.2 23.4 35.2#

84 133.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.922 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

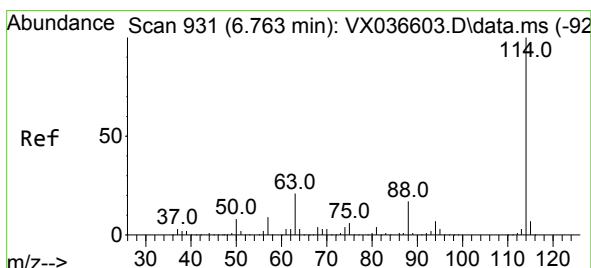
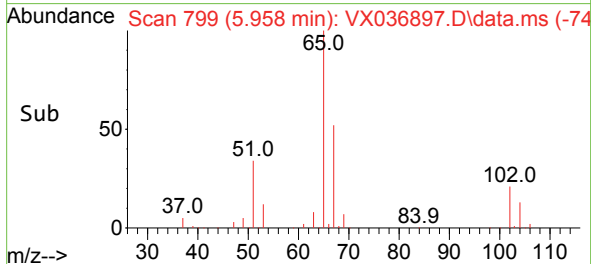
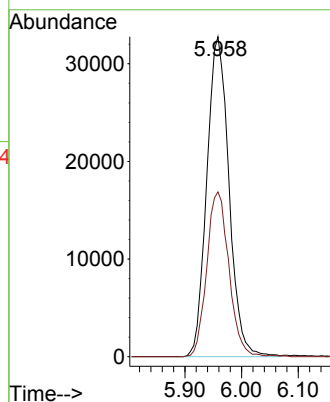
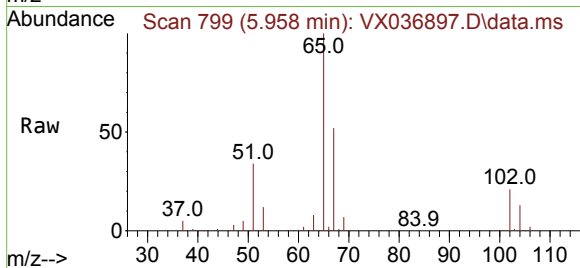
MW-16-0809

Tgt Ion: 65 Resp: 89074

Ion Ratio Lower Upper

65 100

67 51.3 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: VX036897.D

Acq: 09 Aug 2023 19:09

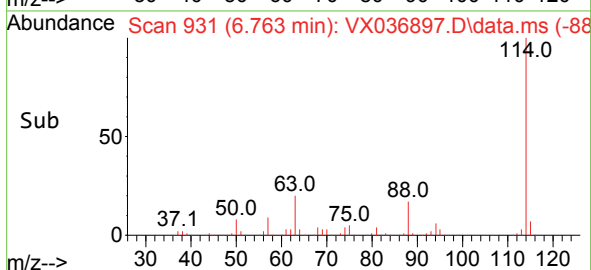
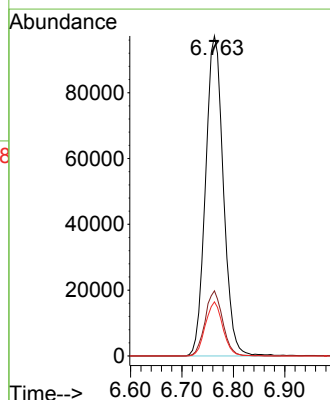
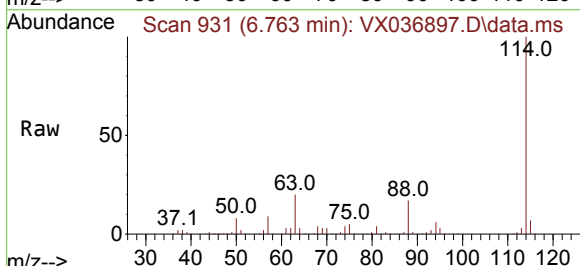
Tgt Ion: 114 Resp: 234431

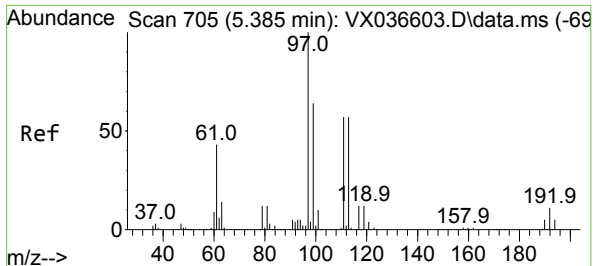
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.9 0.0 36.6

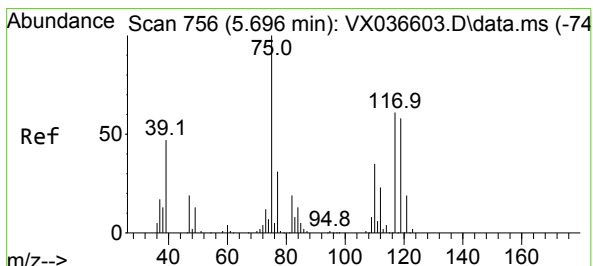
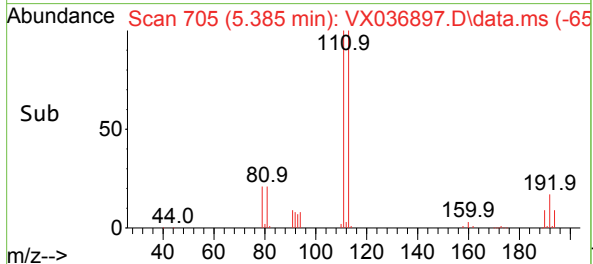
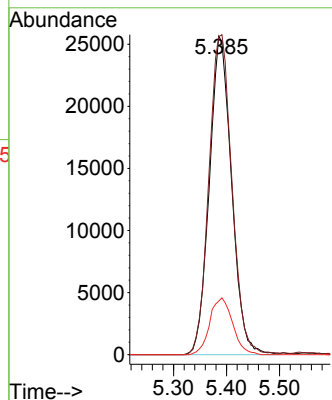
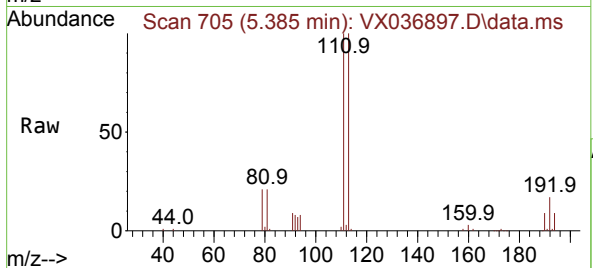




#35
Dibromofluoromethane
Concen: 46.334 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

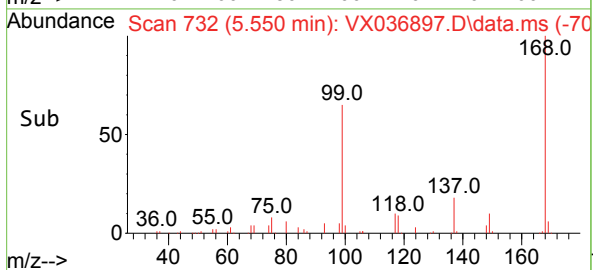
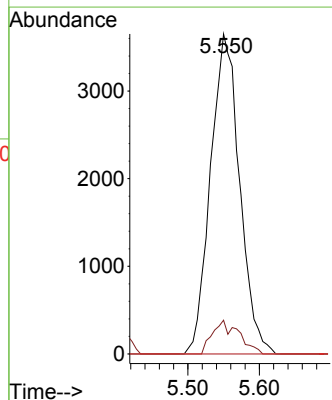
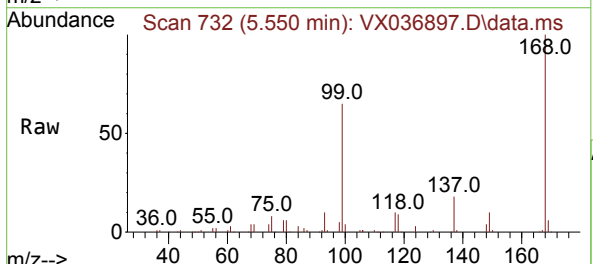
Instrument :
MSVOA_X
ClientSampleId :
MW-16-0809

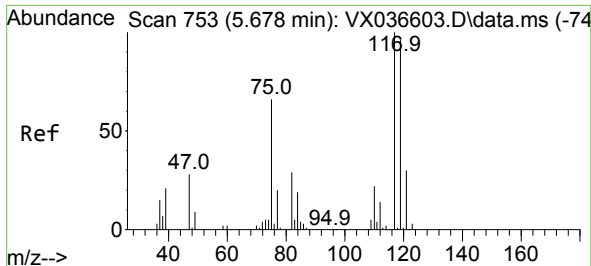
Tgt Ion:113 Resp: 74660
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.294 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion: 75 Resp: 10313
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#

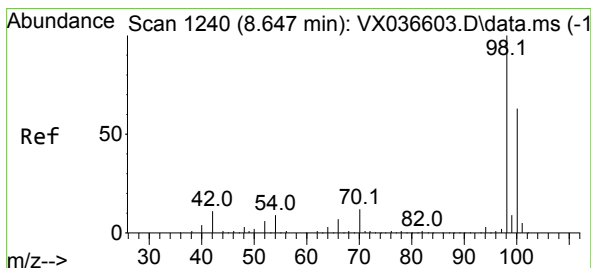
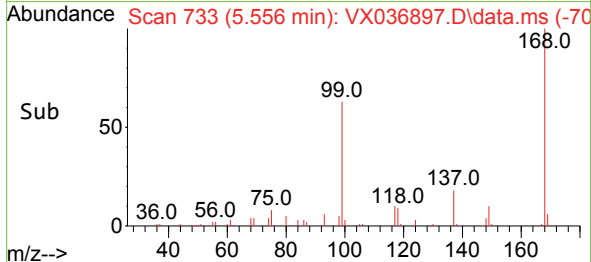
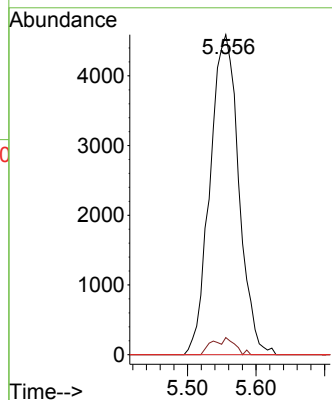
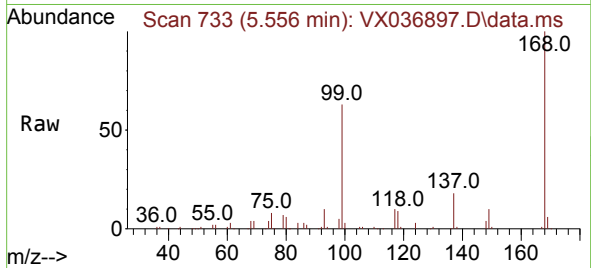




#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

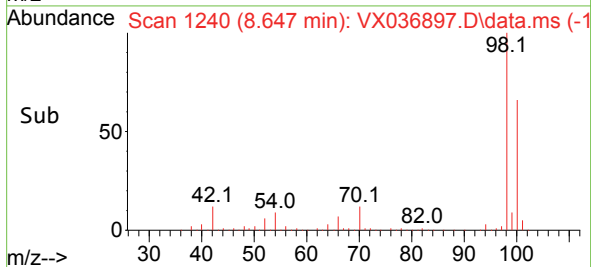
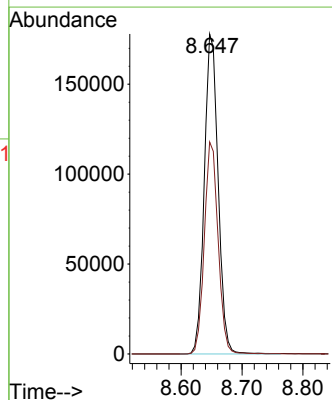
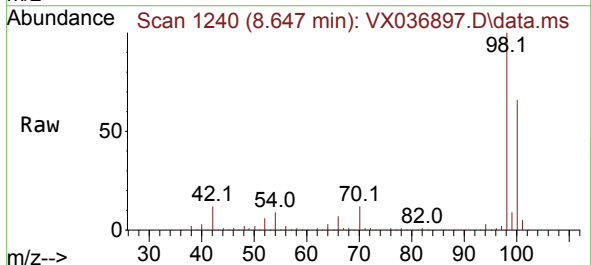
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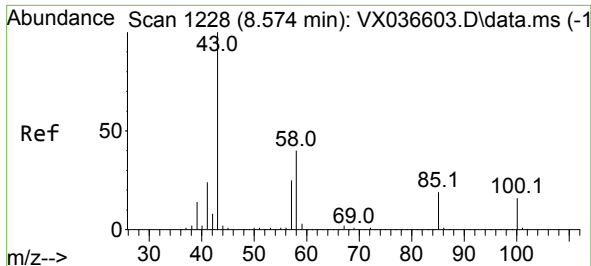
Tgt Ion:117 Resp: 13397
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion: 98 Resp: 280879
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

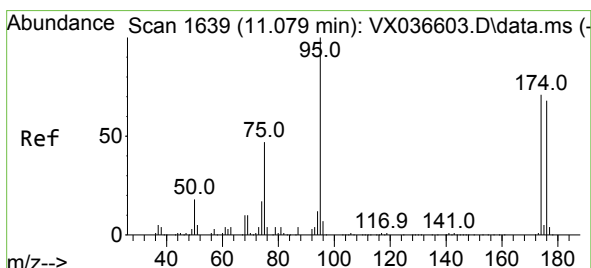
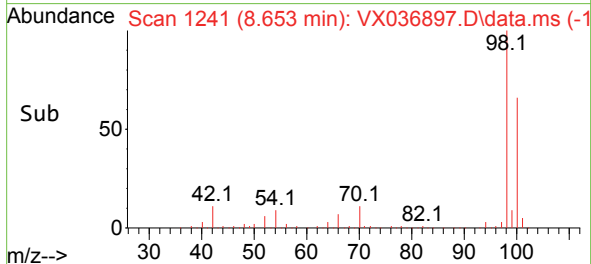
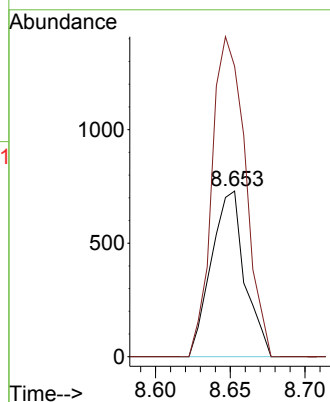
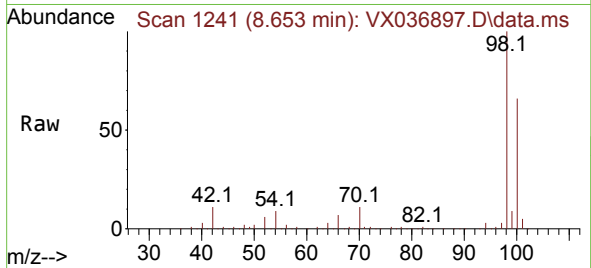




#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

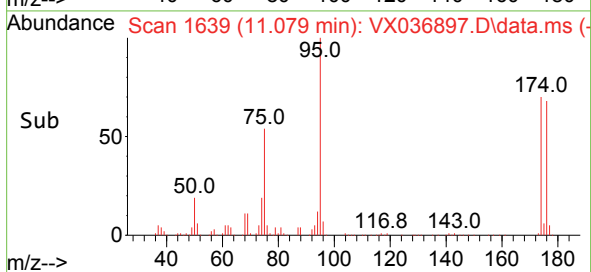
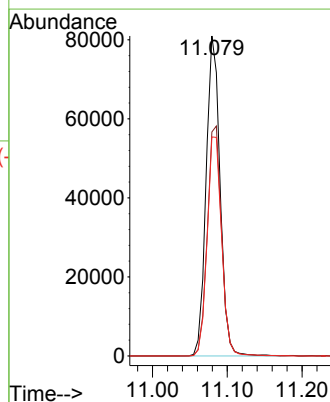
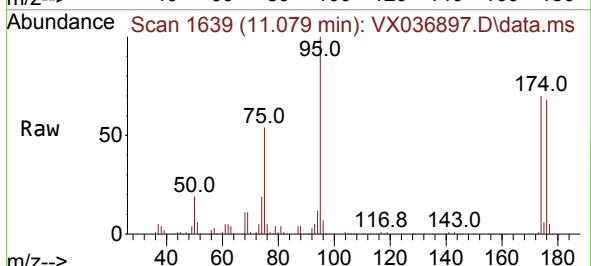
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MW-16-0809

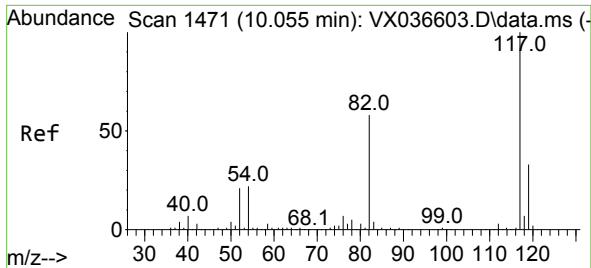
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 192.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion: 95 Resp: 104911
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.2 0.0 131.0

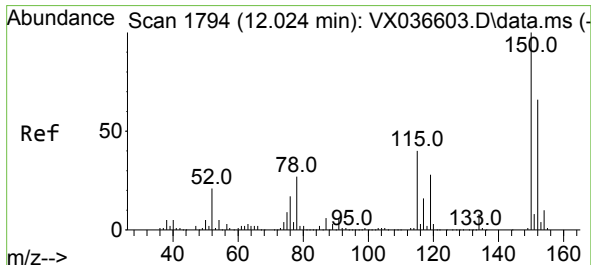
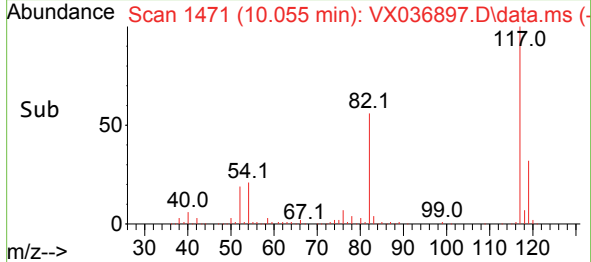
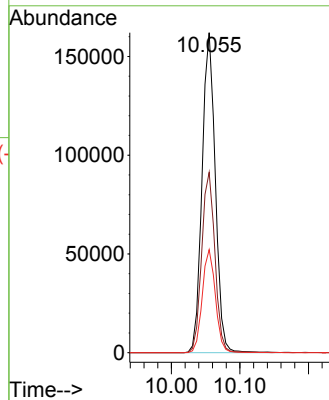
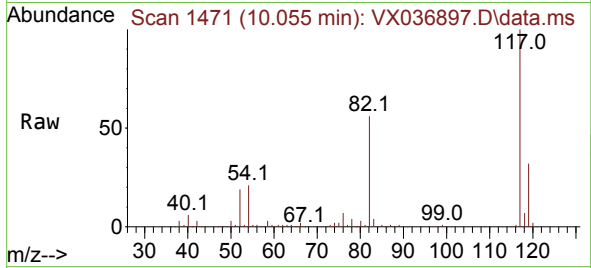




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

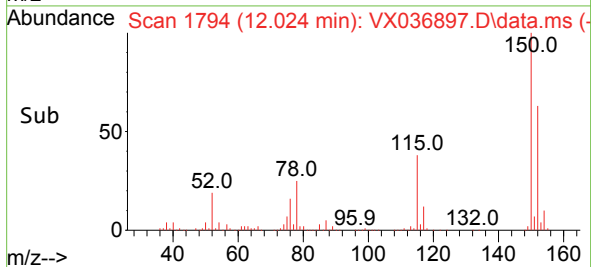
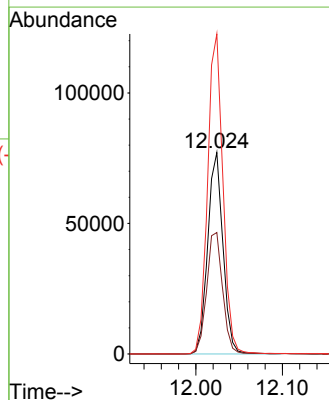
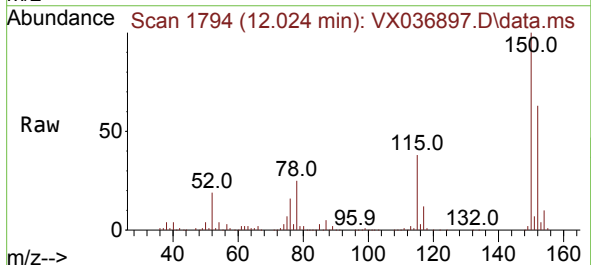
Instrument :
MSVOA_X
ClientSampleId :
MW-16-0809

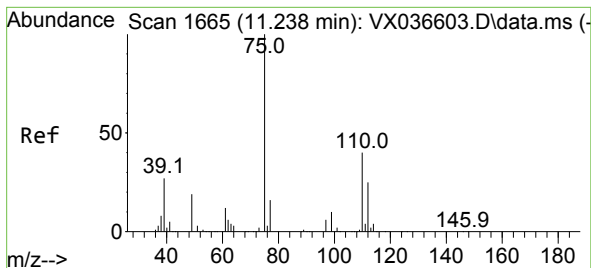
Tgt Ion:117 Resp: 218289
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion:152 Resp: 94581
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 159.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.799 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

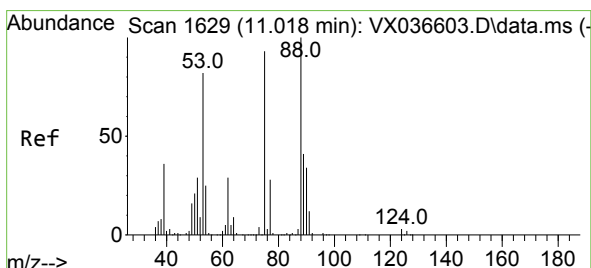
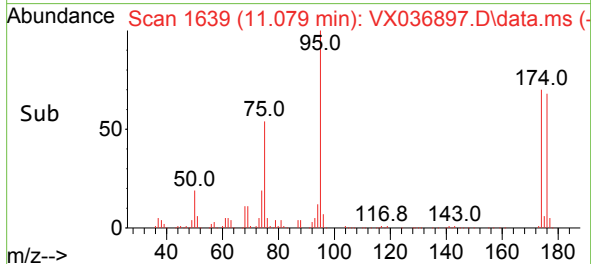
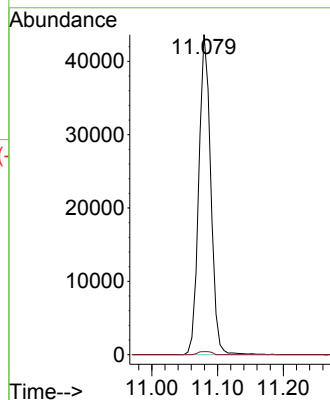
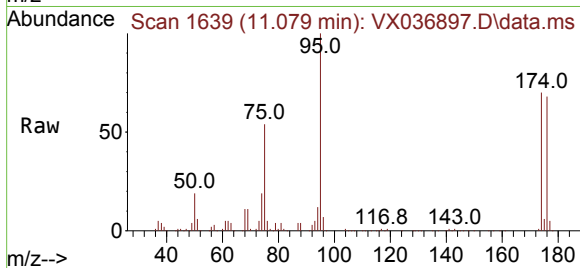
MW-16-0809

Tgt Ion: 75 Resp: 55170

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.209 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

Tgt Ion: 75 Resp: 55170

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

