

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034860.D
 Acq On : 30 Mar 2023 18:10
 Operator : JC/MD
 Sample : 02096-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Mar 31 01:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

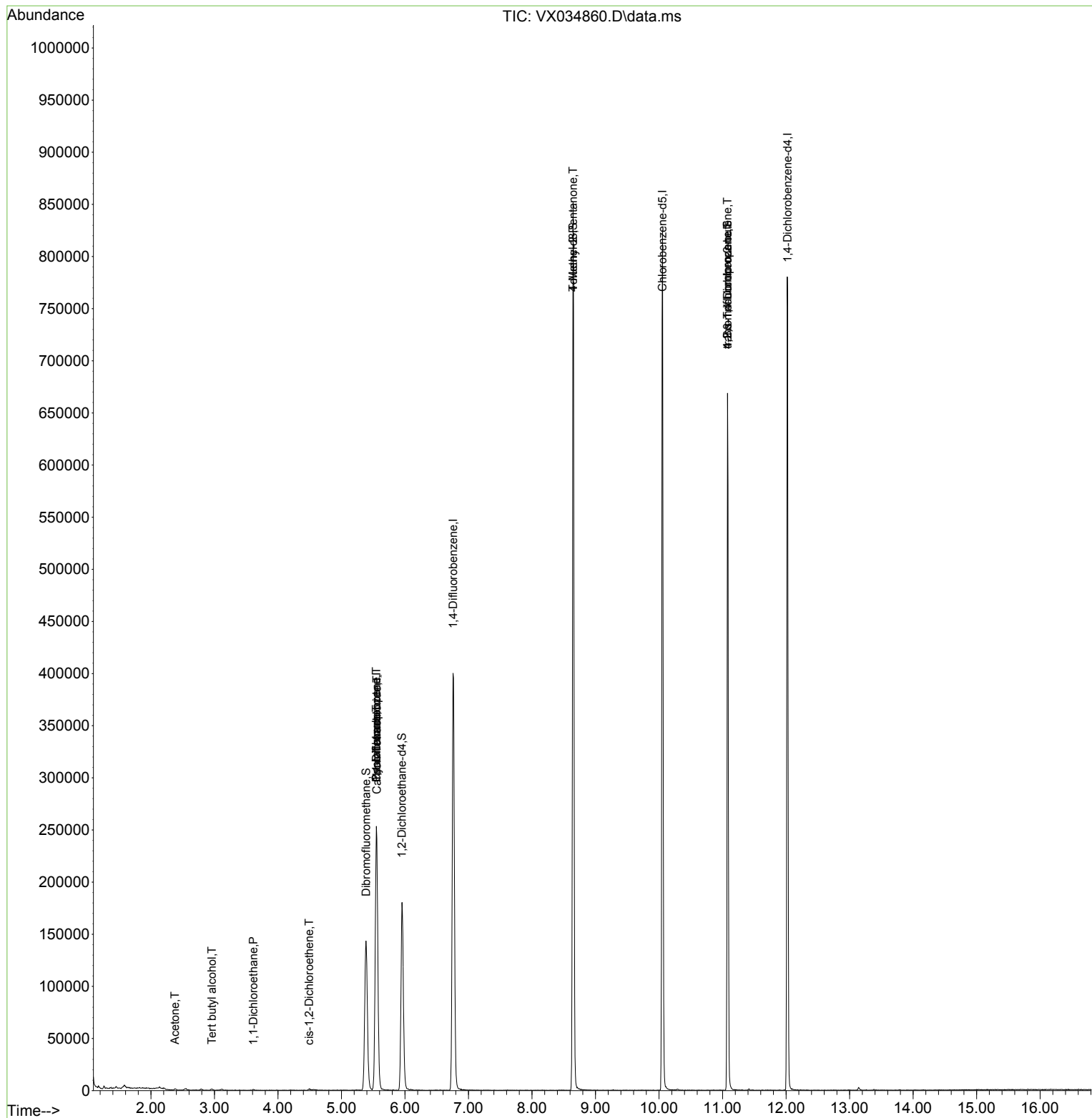
Internal Standards						
1) Pentafluorobenzene	5.550	168	230126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	399279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168432	47.858	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.385	113	124051	46.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.647	98	479801	49.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	172967	45.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1294	2.105	ug/l #	94
16) Acetone	2.380	43	1342	0.942	ug/l	91
24) 1,1-Dichloroethane	3.611	63	1245	0.249	ug/l #	74
27) cis-1,2-Dichloroethene	4.489	96	657	0.218	ug/l	89
31) Cyclohexane	5.550	56	5477	1.278	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	19659	5.041	ug/l #	45
38) Carbon Tetrachloride	5.556	117	24356	6.576	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2579	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93526	28.999	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93526	77.661	ug/l #	8

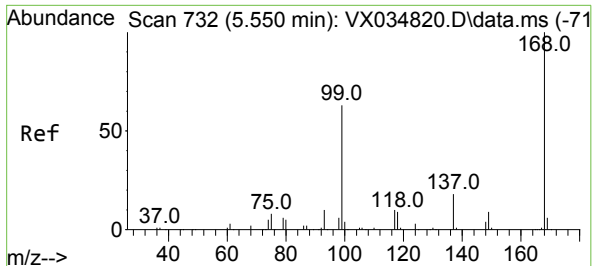
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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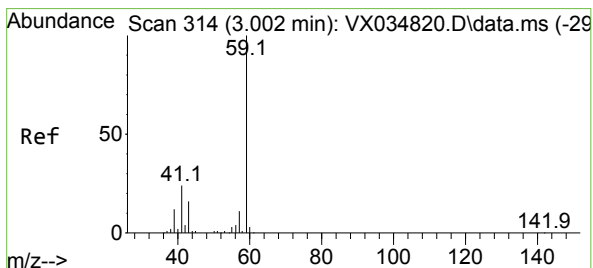
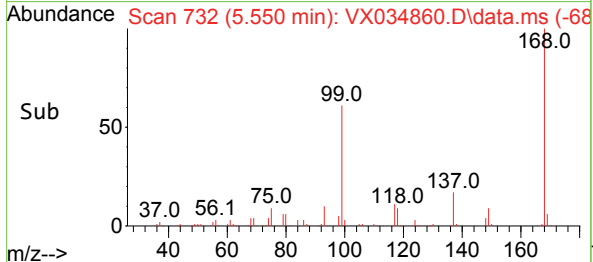
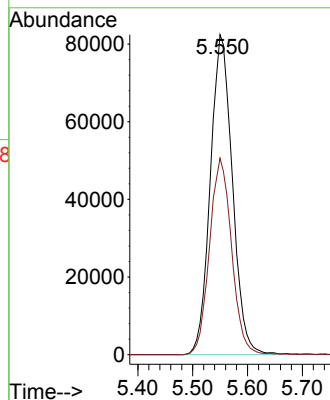
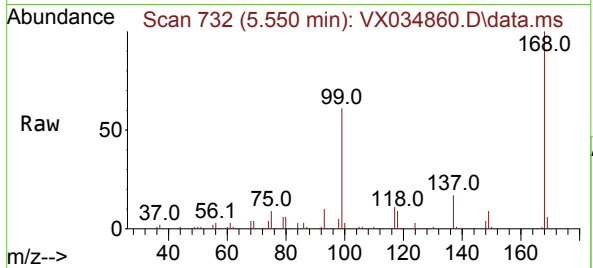




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

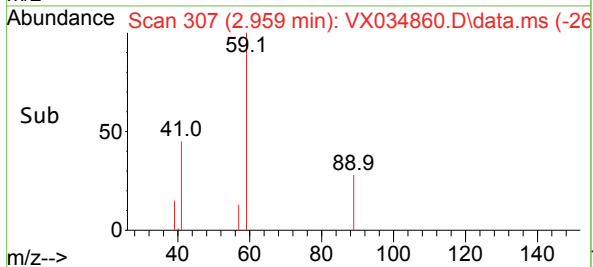
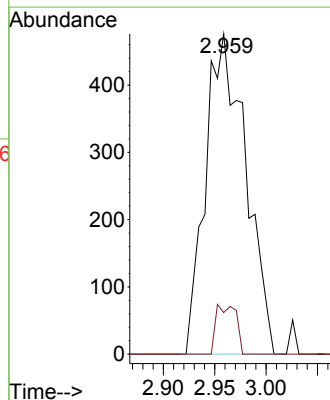
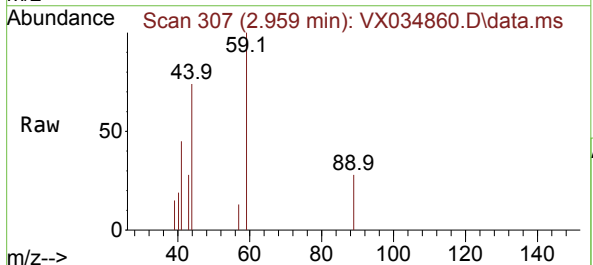
Instrument :
MSVOA_X
ClientSampleId :
MW-2

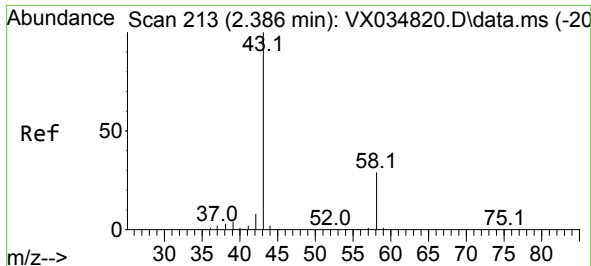
Tgt Ion:168 Resp: 230126
Ion Ratio Lower Upper
168 100
99 61.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 2.105 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.043 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

Tgt Ion: 59 Resp: 1294
Ion Ratio Lower Upper
59 100
57 7.7 8.1 12.1#





#16

Acetone

Concen: 0.942 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

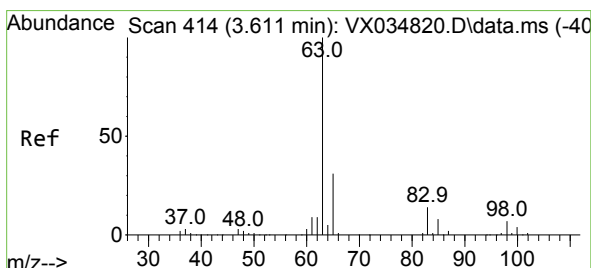
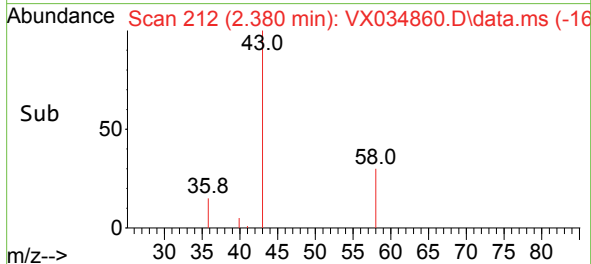
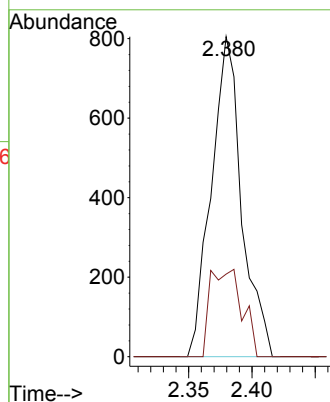
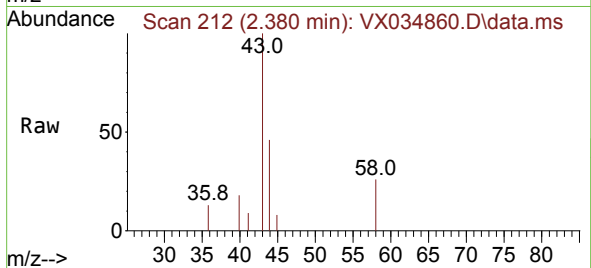
MW-2

Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 25.8 24.7 37.1



#24

1,1-Dichloroethane

Concen: 0.249 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

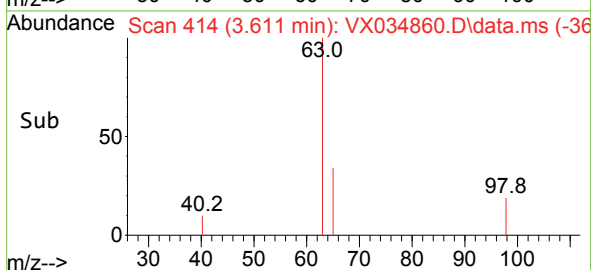
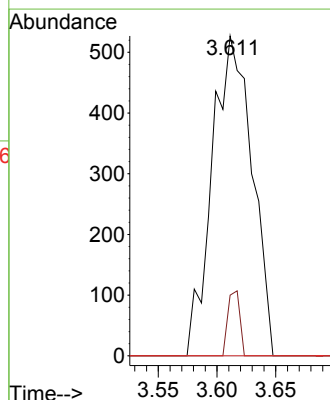
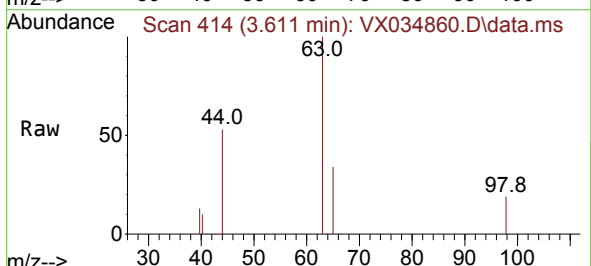
Tgt Ion: 63 Resp: 1245

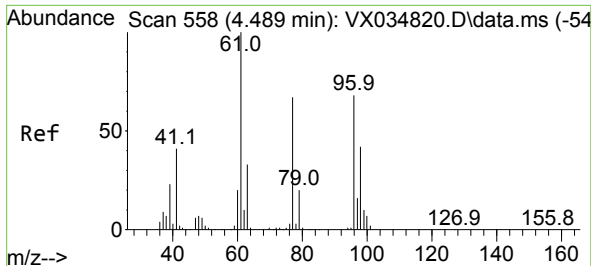
Ion Ratio Lower Upper

63 100

98 19.0 3.8 11.2#

100 0.0 2.4 7.1#





#27

cis-1,2-Dichloroethene

Concen: 0.218 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-2

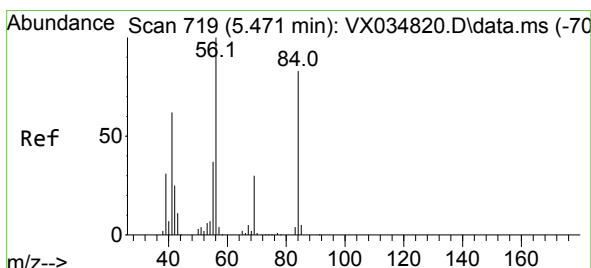
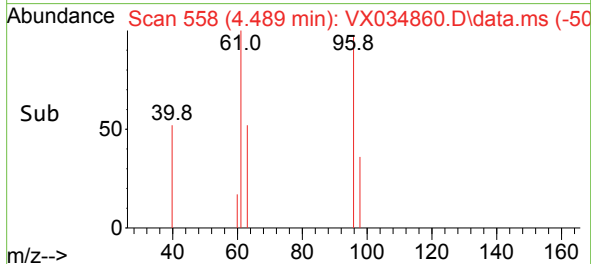
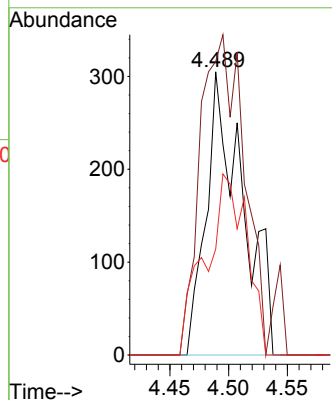
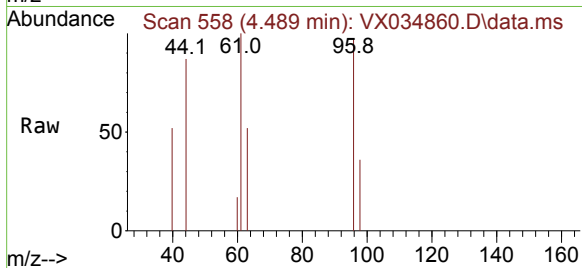
Tgt Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 136.1 0.0 300.4

98 72.8 0.0 129.0



#31

Cyclohexane

Concen: 1.278 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

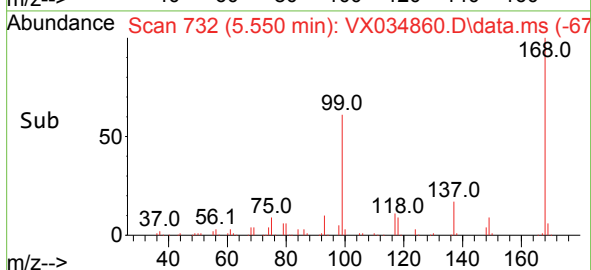
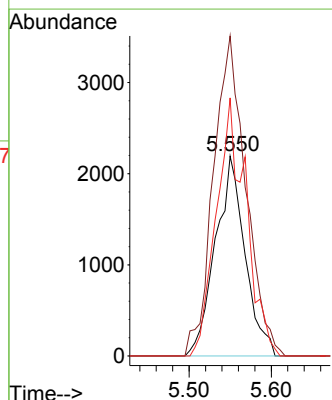
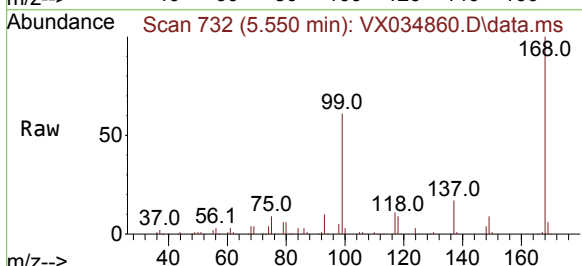
Tgt Ion: 56 Resp: 5477

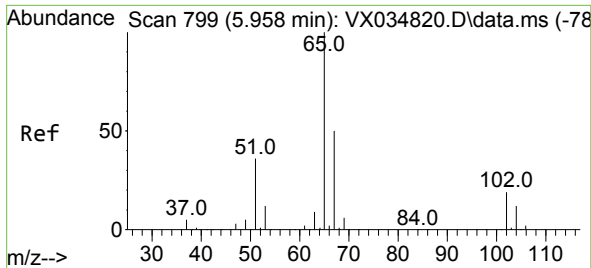
Ion Ratio Lower Upper

56 100

69 160.1 23.7 35.5#

84 129.1 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.858 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

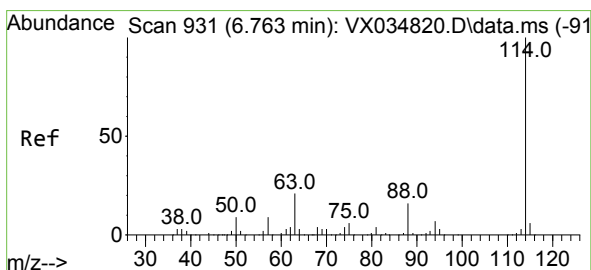
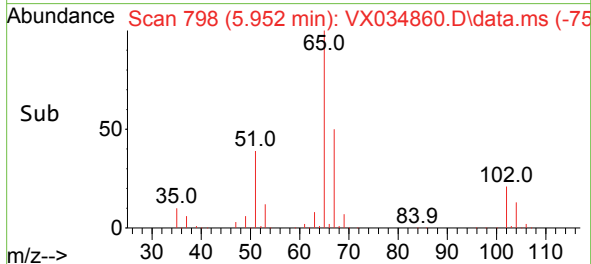
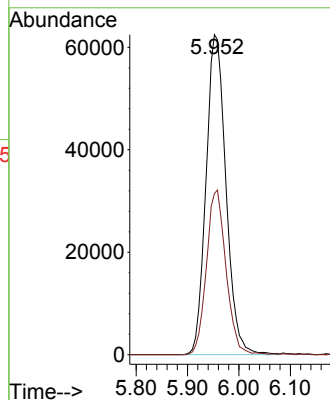
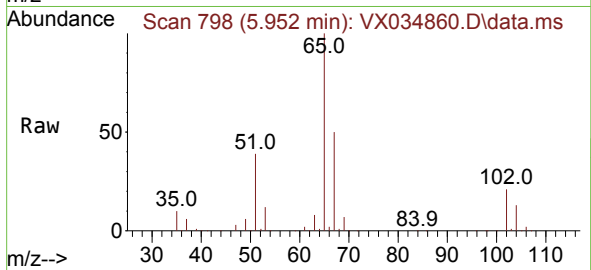
MW-2

Tgt Ion: 65 Resp: 168432

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

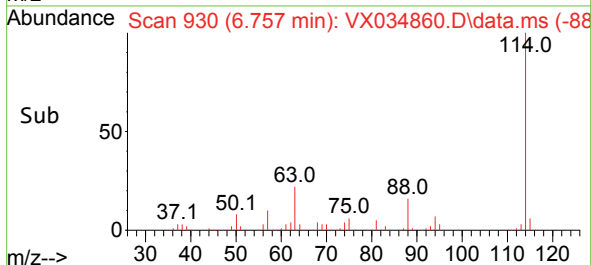
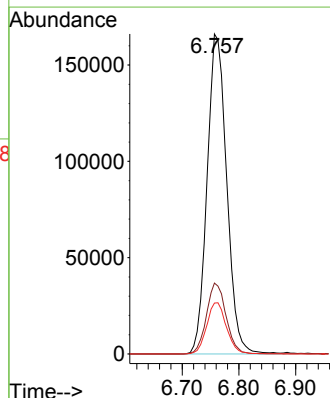
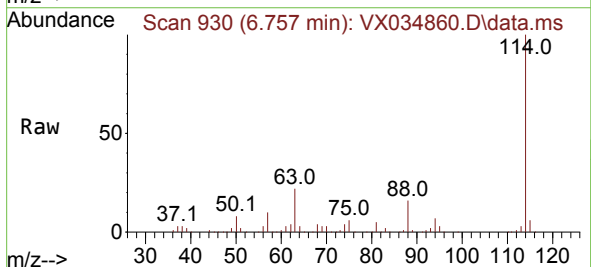
Tgt Ion: 114 Resp: 399279

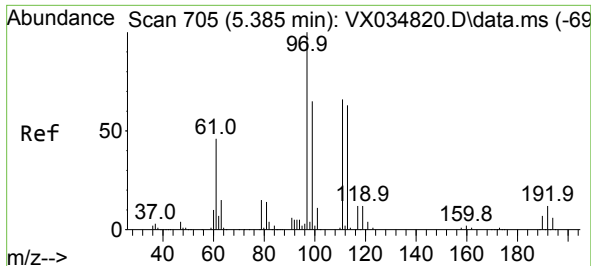
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 15.9 0.0 33.2

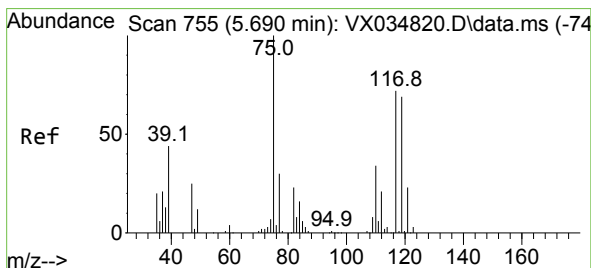
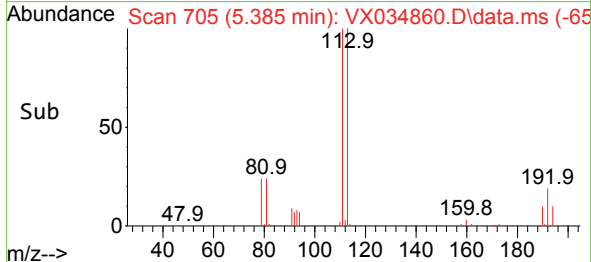
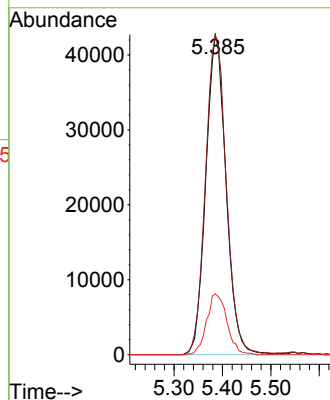
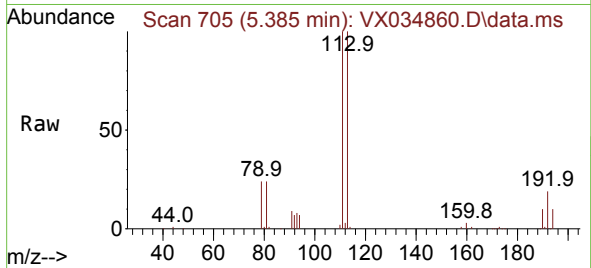




#35
Dibromofluoromethane
Concen: 46.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

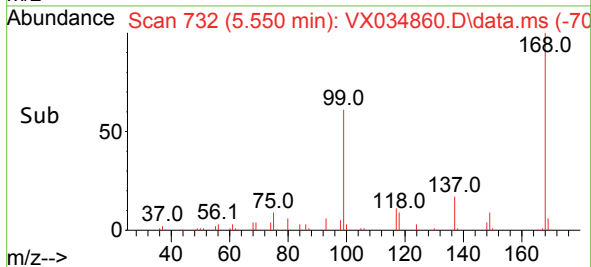
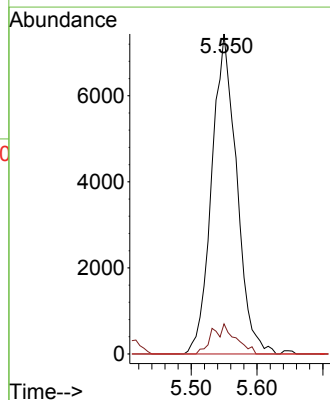
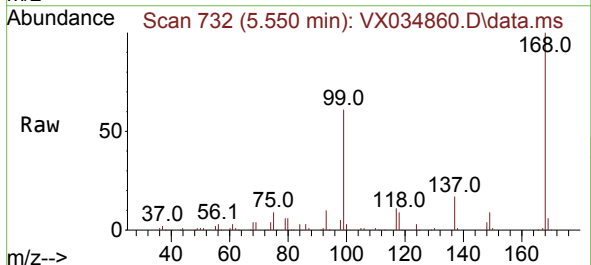
Instrument :
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MW-2

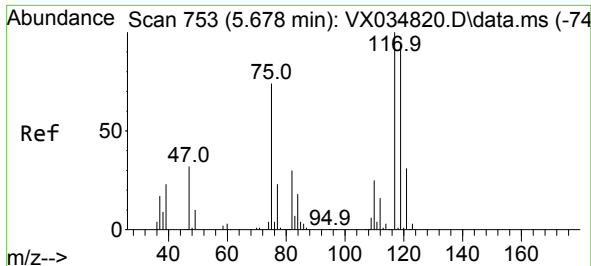
Tgt Ion:113 Resp: 124051
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

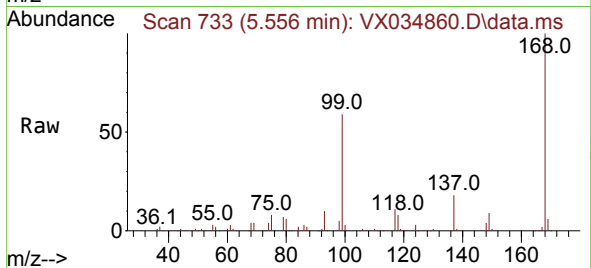
Tgt Ion: 75 Resp: 19659
Ion Ratio Lower Upper
75 100
110 3.7 17.5 52.5#
77 0.0 24.3 36.5#



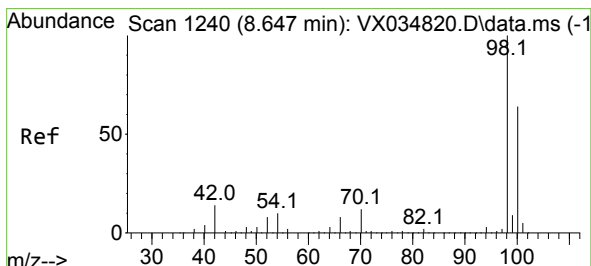
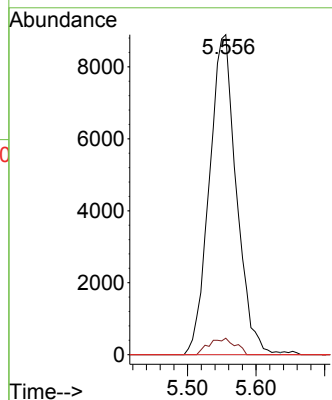
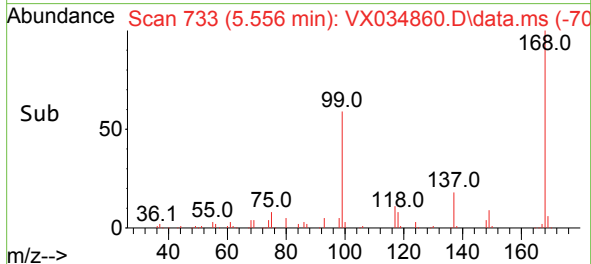


#38
Carbon Tetrachloride
Concen: 6.576 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

Instrument :
MSVOA_X
ClientSampleId :
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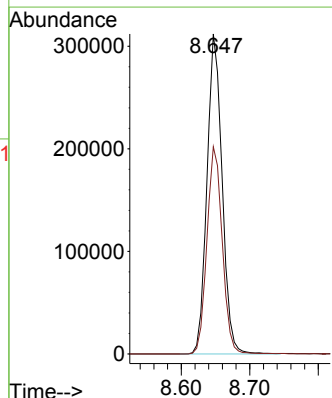
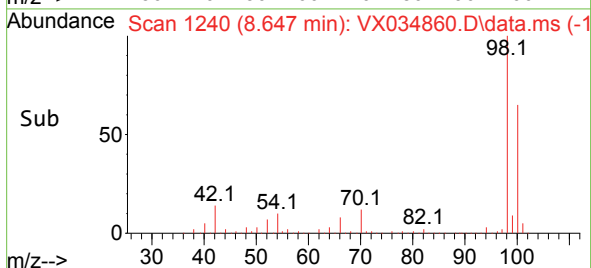
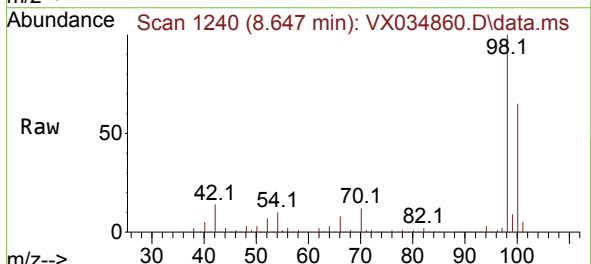


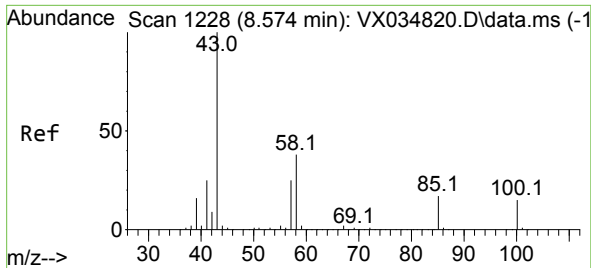
Tgt Ion:117 Resp: 24356
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.222 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

Tgt Ion: 98 Resp: 479801
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

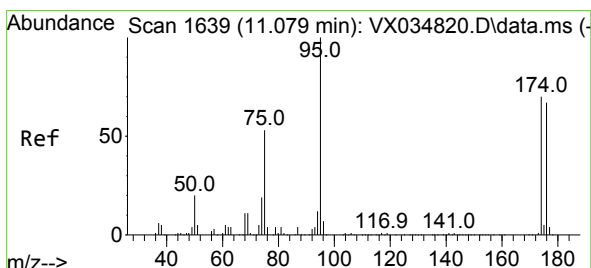
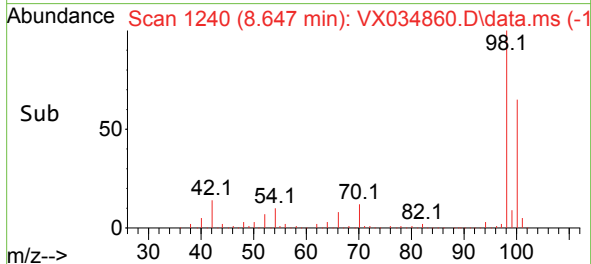
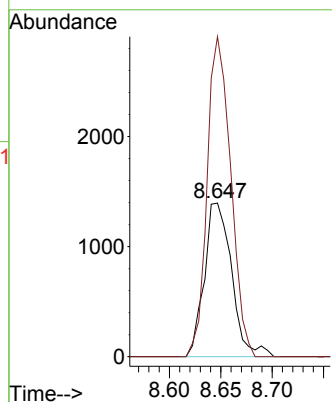
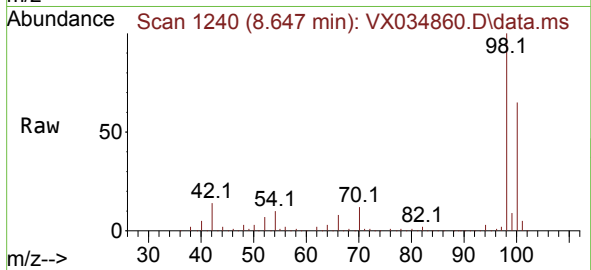




#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

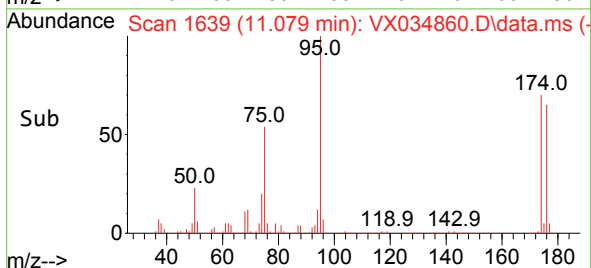
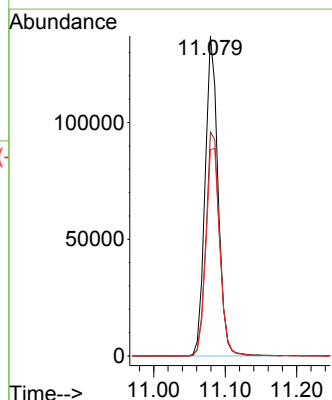
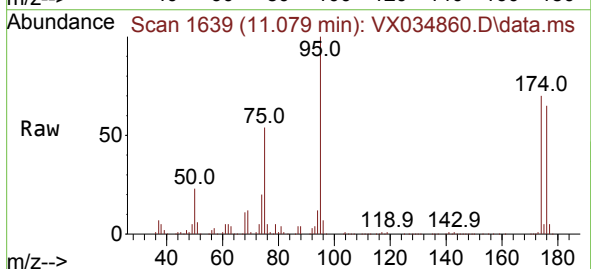
Instrument :
MSVOA_X
ClientSampleId :
MW-2

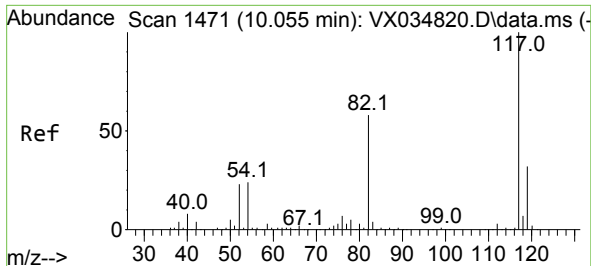
Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 180.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

Tgt Ion: 95 Resp: 172967
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 70.2 0.0 140.6

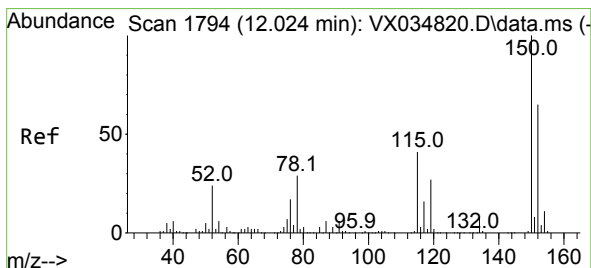
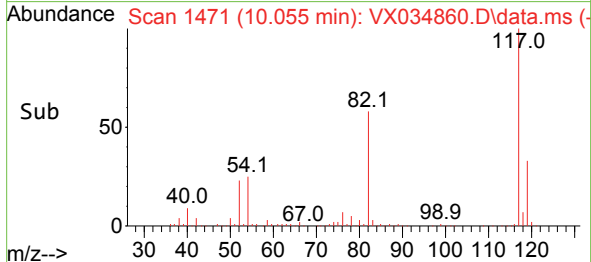
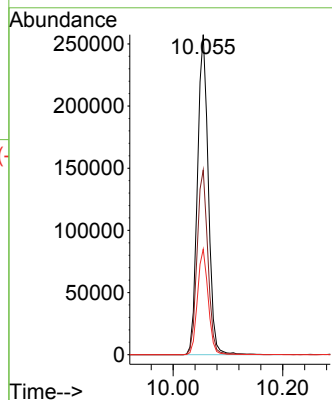
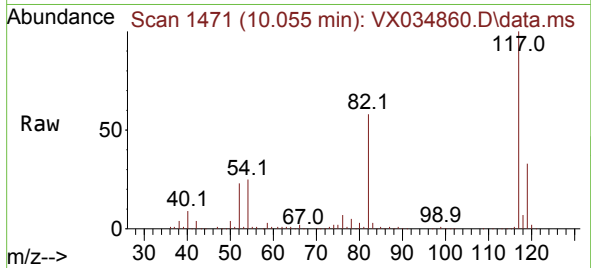




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

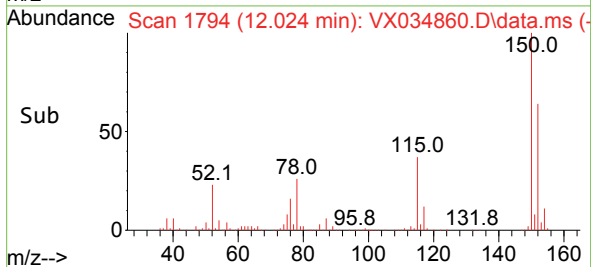
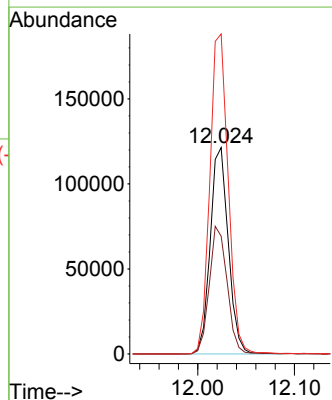
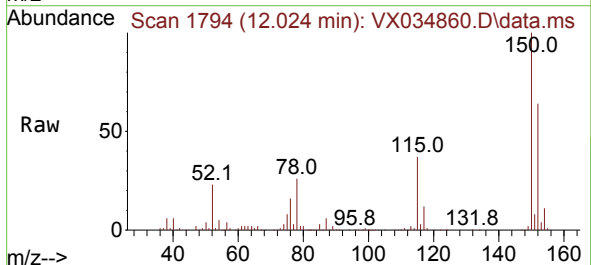
Instrument :
MSVOA_X
ClientSampleId :
MW-2

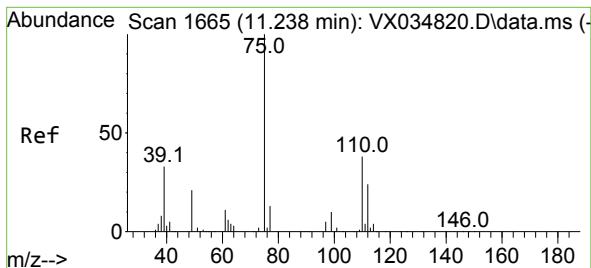
Tgt Ion:117 Resp: 354571
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034860.D
Acq: 30 Mar 2023 18:10

Tgt Ion:152 Resp: 157500
Ion Ratio Lower Upper
152 100
115 61.2 45.0 135.0
150 157.5 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 28.999 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

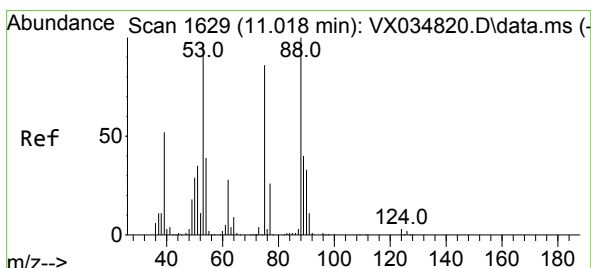
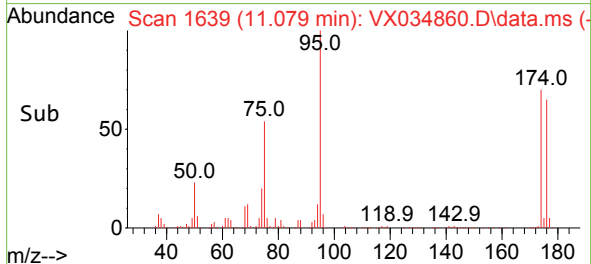
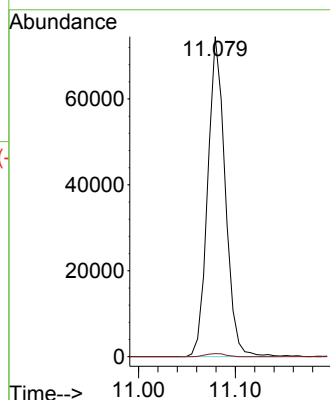
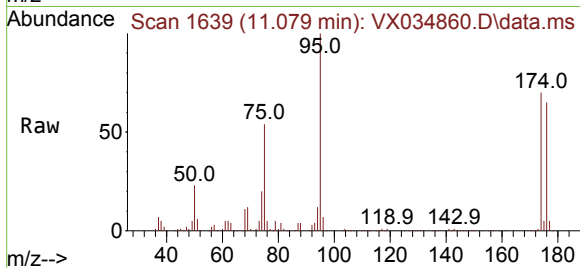
MW-2

Tgt Ion: 75 Resp: 93526

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034860.D

Acq: 30 Mar 2023 18:10

Tgt Ion: 75 Resp: 93526

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

