

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040380.D
 Acq On : 21 Feb 2024 14:42
 Operator : JC/MD
 Sample : P1521-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-17-CH2

Quant Time: Feb 22 01:08:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

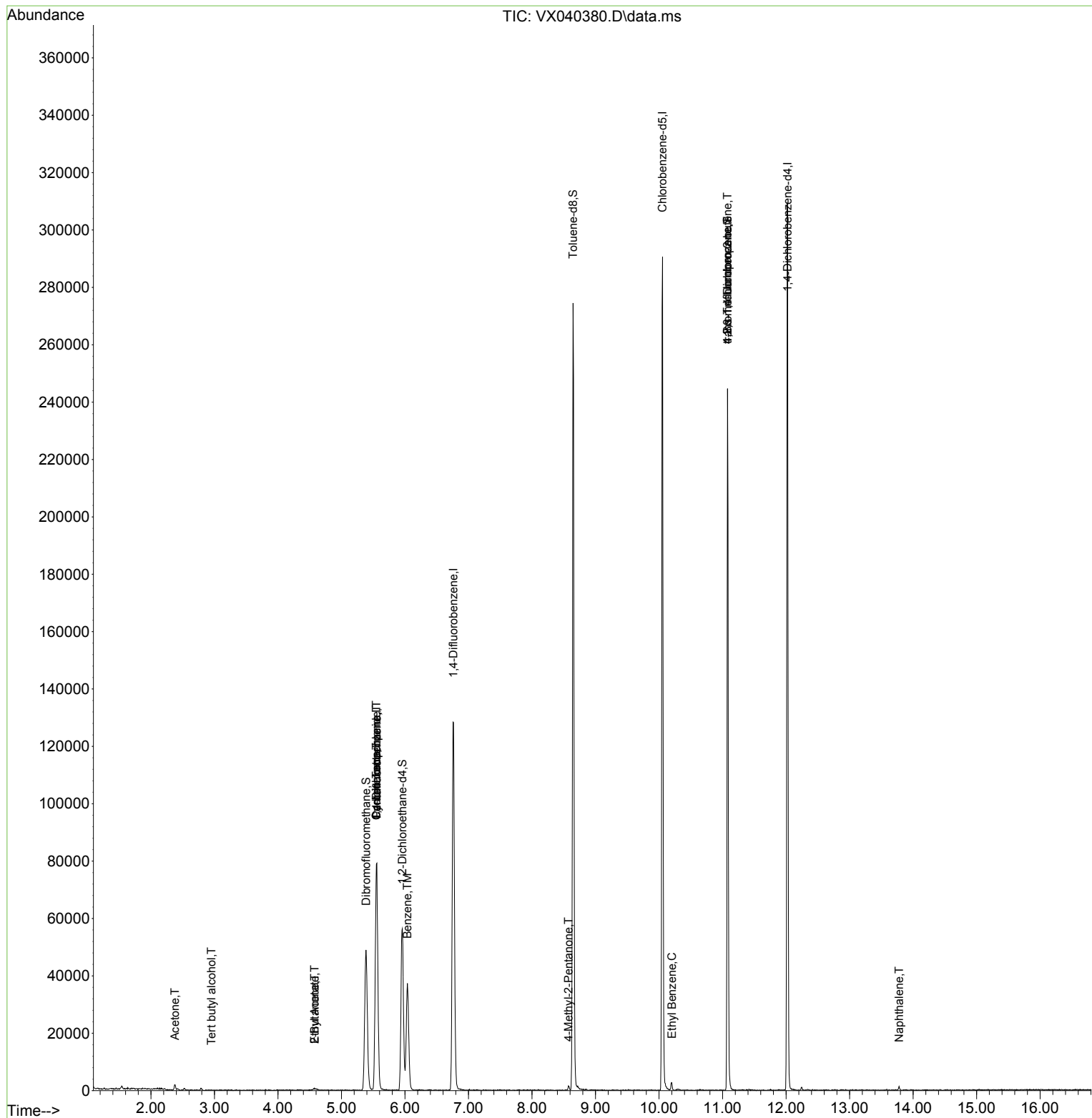
Internal Standards						
1) Pentafluorobenzene	5.555	168	71320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55565	52.369	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.740%	
35) Dibromofluoromethane	5.385	113	42742	47.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.660%	
50) Toluene-d8	8.646	98	158727	47.487	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.980%	
62) 4-Bromofluorobenzene	11.079	95	61847	45.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	89	0.431	ug/l #	78
16) Acetone	2.379	43	2061	4.730	ug/l	96
20) Methylene Chloride	2.800	84	319	Below Cal	#	45
25) 2-Butanone	4.574	43	753	1.105	ug/l #	51
31) Cyclohexane	5.549	56	2135	1.687	ug/l #	26
36) 1,1-Dichloropropene	5.549	75	6690	5.345	ug/l #	51
37) Ethyl Acetate	4.574	43	753	0.541	ug/l #	69
38) Carbon Tetrachloride	5.549	117	7867	6.610	ug/l #	16
40) Benzene	6.037	78	43768	12.504	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	948	0.639	ug/l	99
67) Ethyl Benzene	10.201	91	1749	0.372	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	34537	27.179	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34537	74.454	ug/l #	5
95) Naphthalene	13.780	128	1186	0.274	ug/l #	78

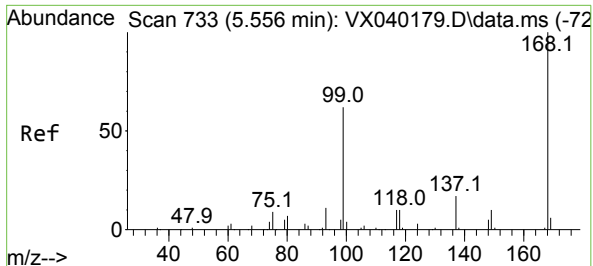
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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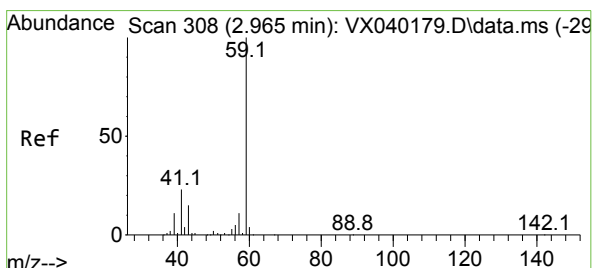
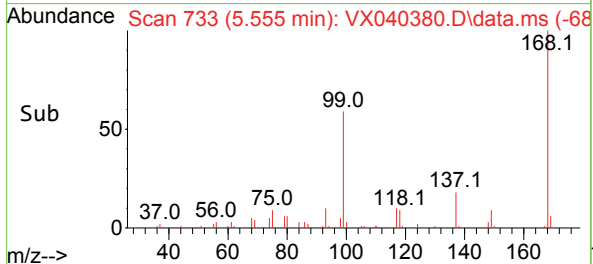
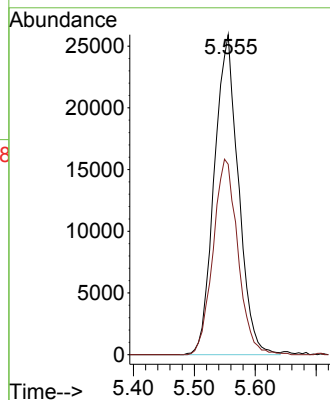
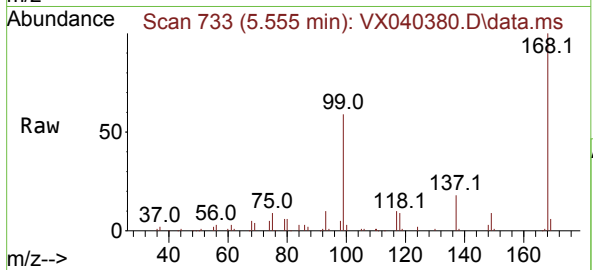




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

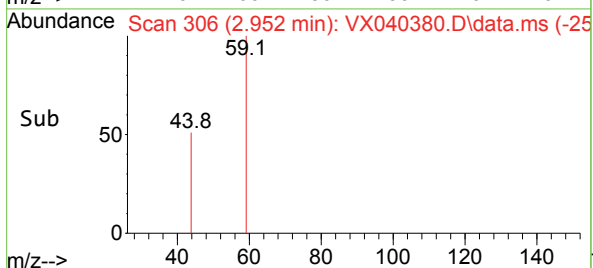
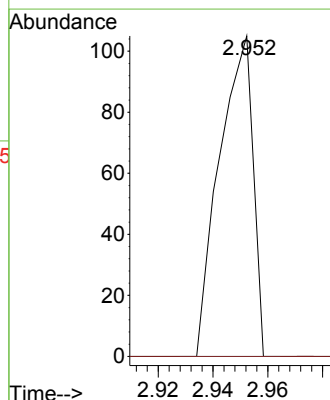
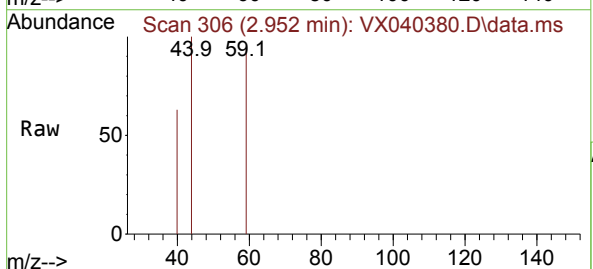
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

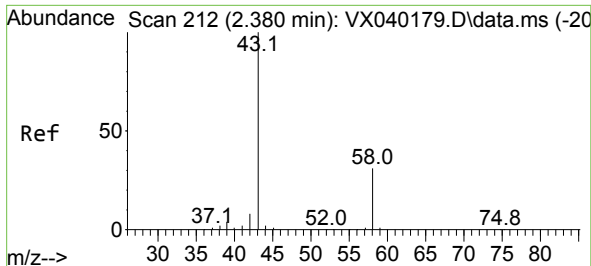
Tgt Ion:168 Resp: 71320
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.431 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.013 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

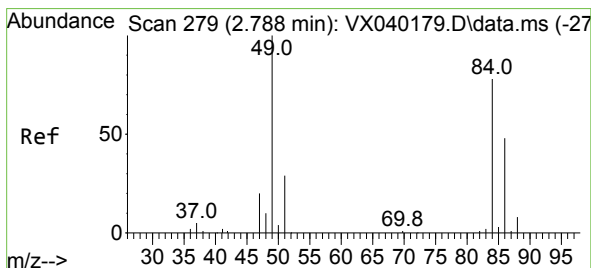
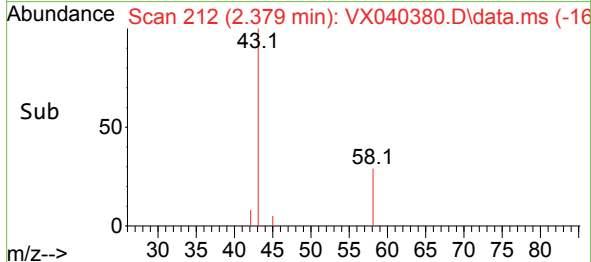
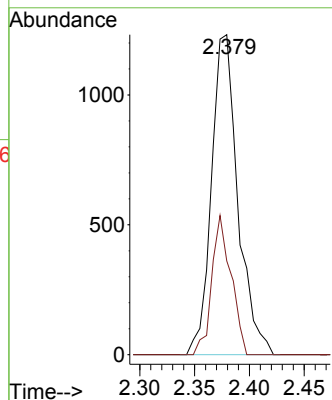
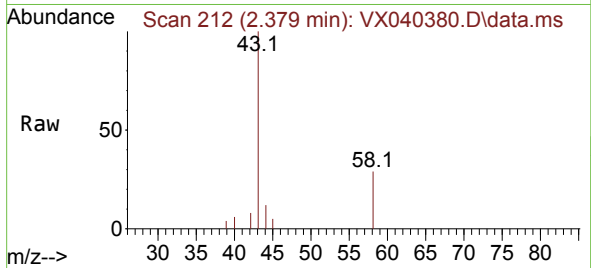




#16
Acetone
Concen: 4.730 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

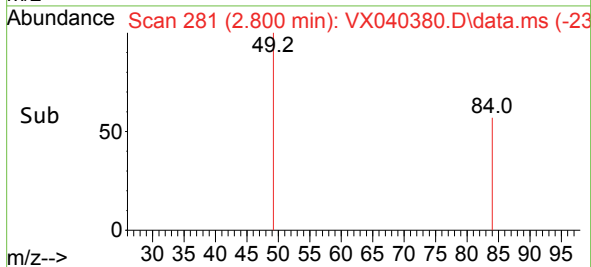
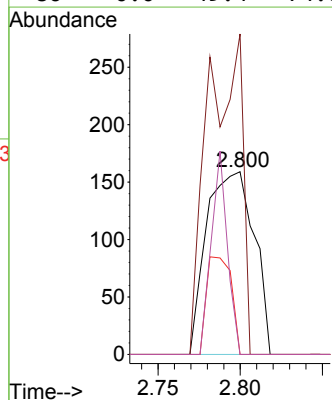
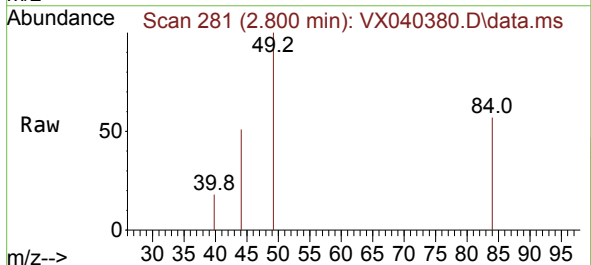
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

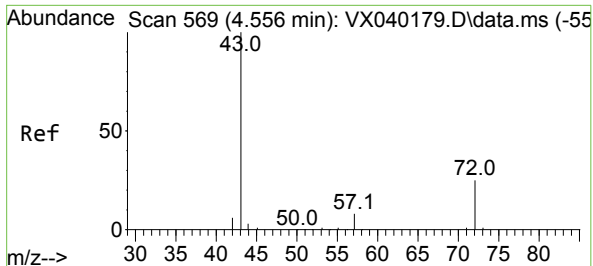
Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 84 Resp: 319
Ion Ratio Lower Upper
84 100
49 175.5 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

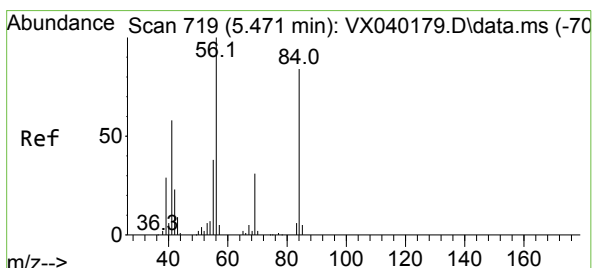
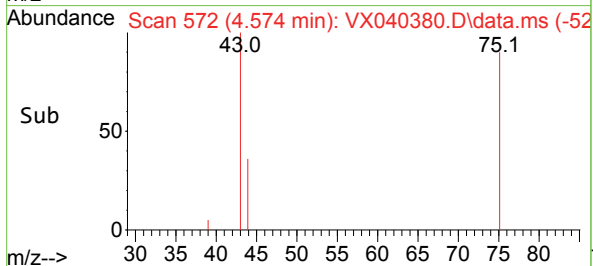
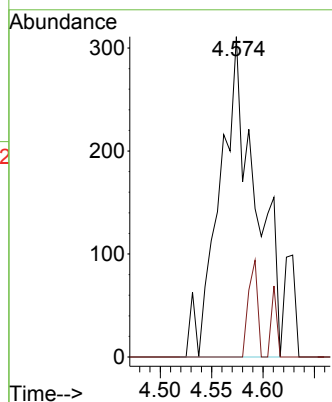
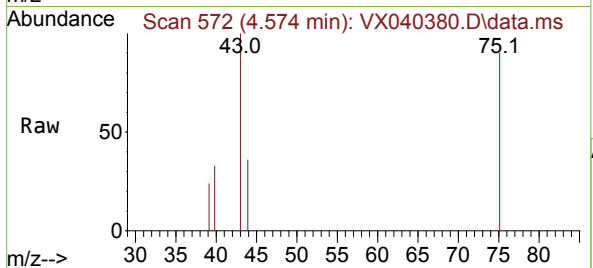




#25
2-Butanone
Concen: 1.105 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

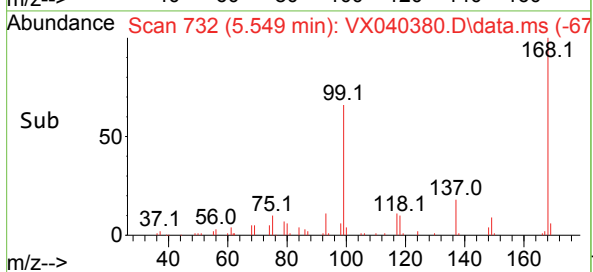
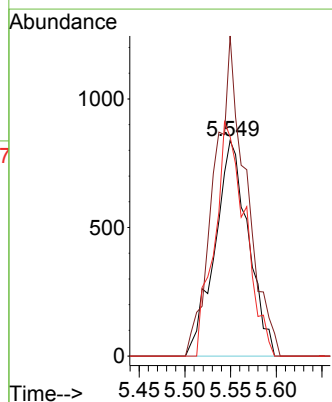
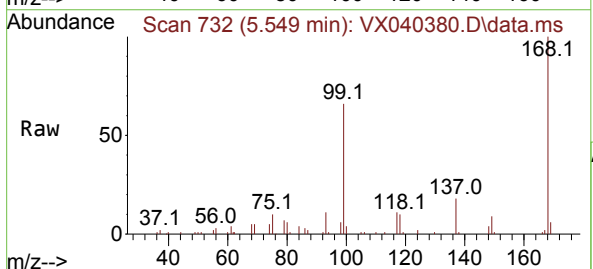
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

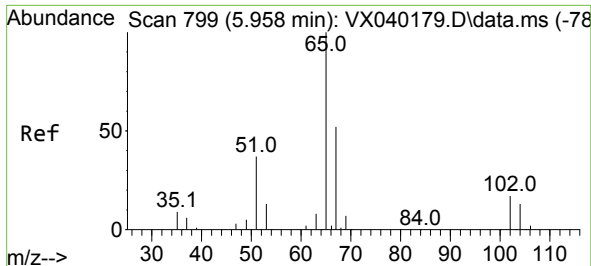
Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.687 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 56 Resp: 2135
Ion Ratio Lower Upper
56 100
69 148.6 23.4 35.2#
84 101.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.369 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040380.D

Acq: 21 Feb 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

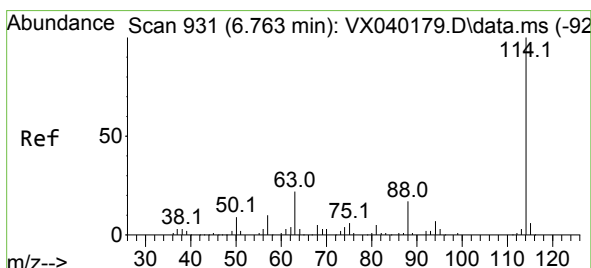
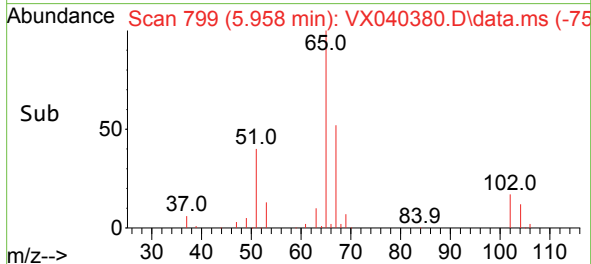
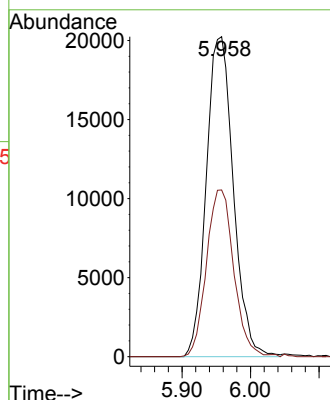
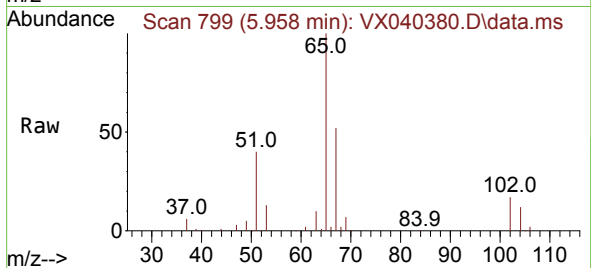
CG-MW-17-CH2

Tgt Ion: 65 Resp: 55565

Ion Ratio Lower Upper

65 100

67 52.6 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: VX040380.D

Acq: 21 Feb 2024 14:42

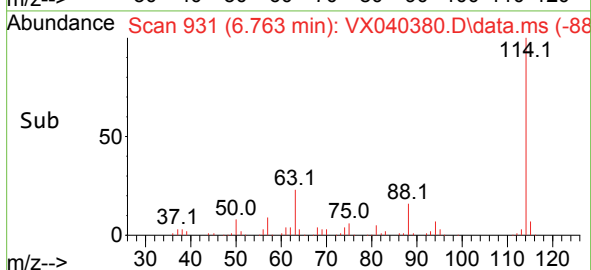
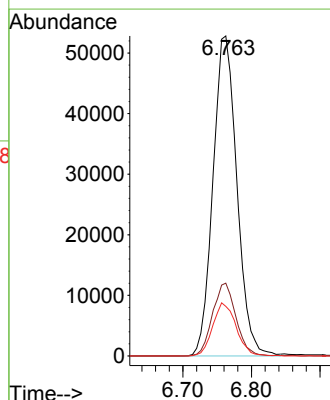
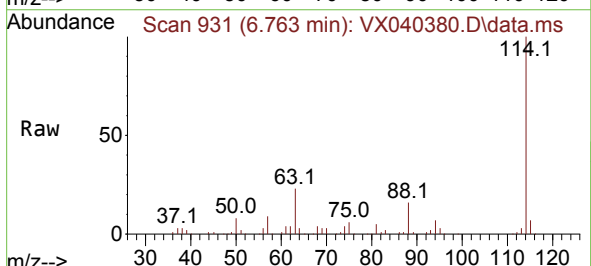
Tgt Ion: 114 Resp: 127954

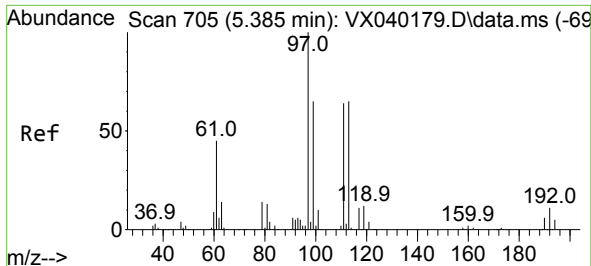
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

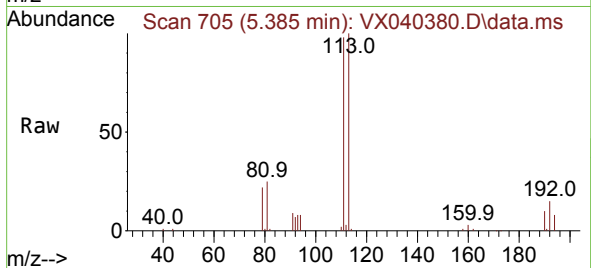
88 15.5 0.0 36.6



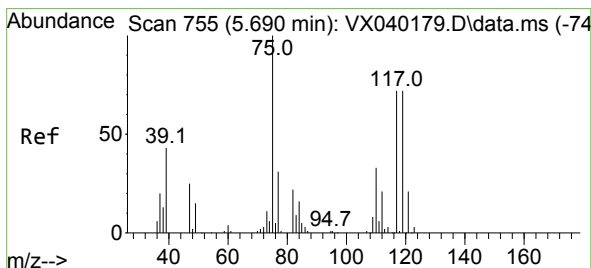
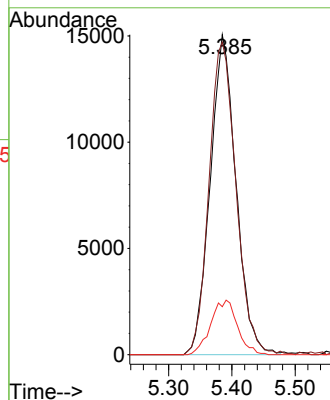
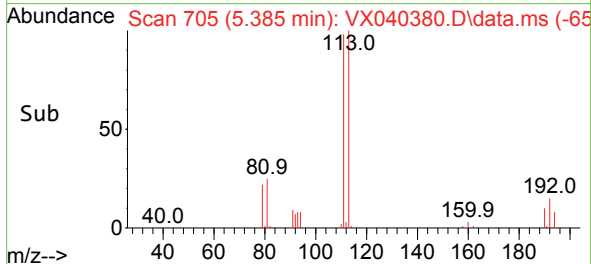


#35
Dibromofluoromethane
Concen: 47.833 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Instrument :
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ClientSampleId :
CG-MW-17-CH2

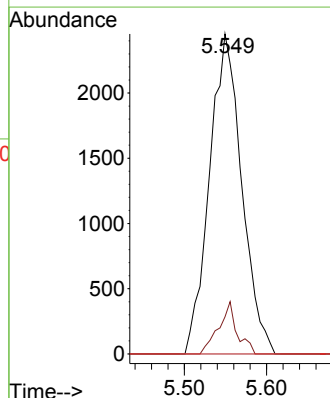
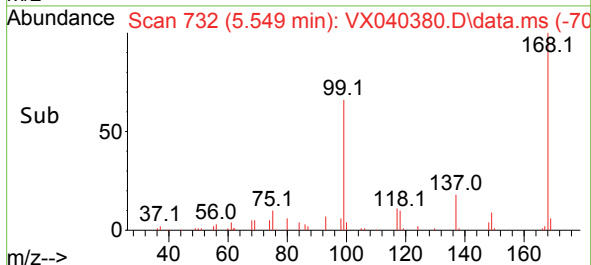
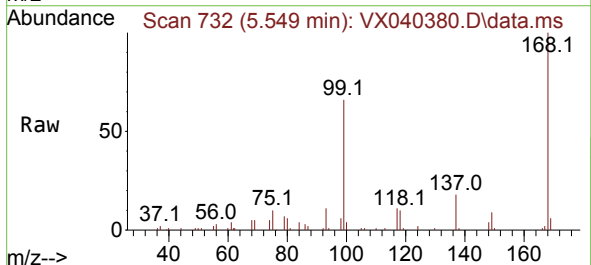


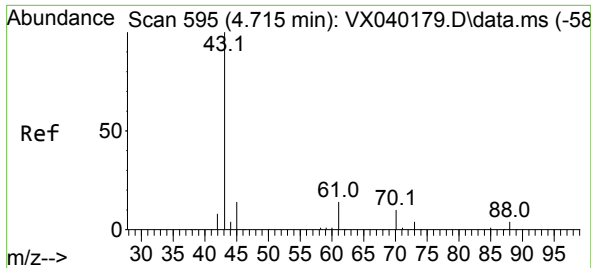
Tgt Ion:113 Resp: 42742
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.345 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 75 Resp: 6690
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.541 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.147 min

Lab File: VX040380.D

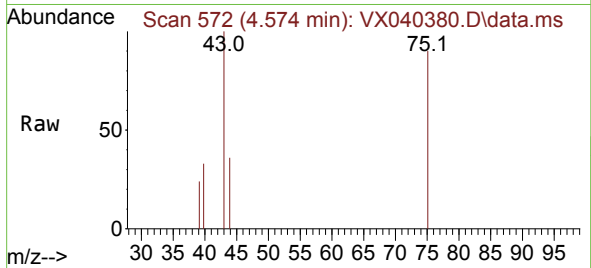
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Instrument :

MSVOA_X

ClientSampleId :

CG-MW-17-CH2



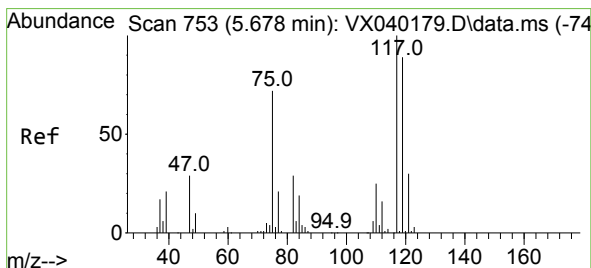
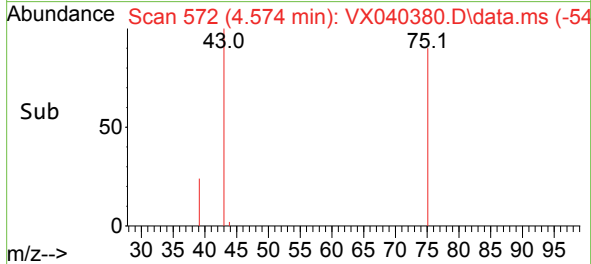
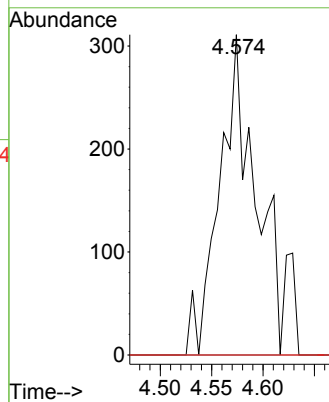
Tgt Ion: 43 Resp: 753

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.610 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX040380.D

Acq: 21 Feb 2024 14:42

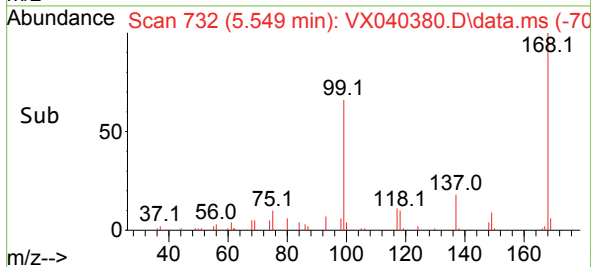
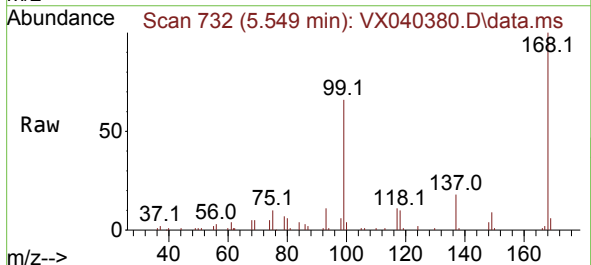
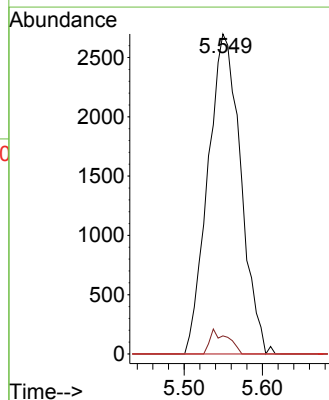
Tgt Ion: 117 Resp: 7867

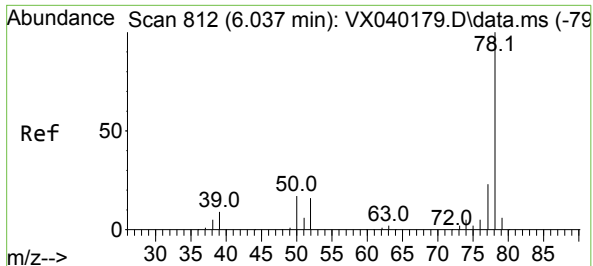
Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.2#

121 0.0 24.4 36.6#

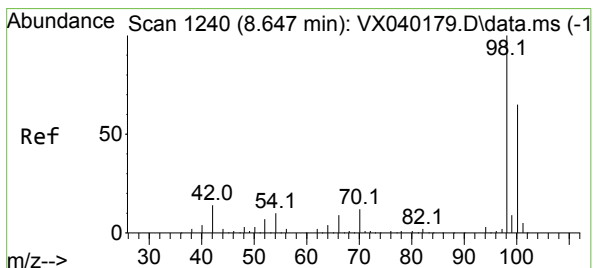
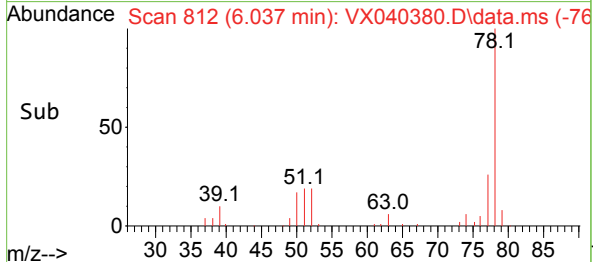
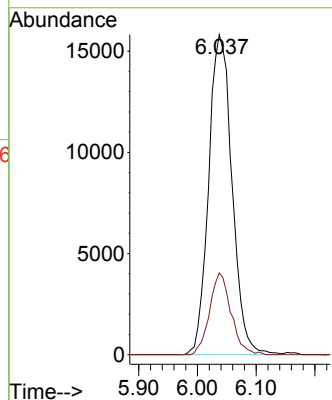
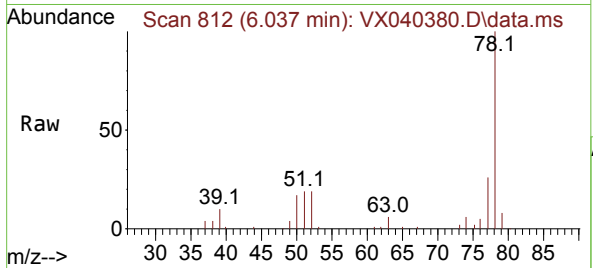




#40
Benzene
Concen: 12.504 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

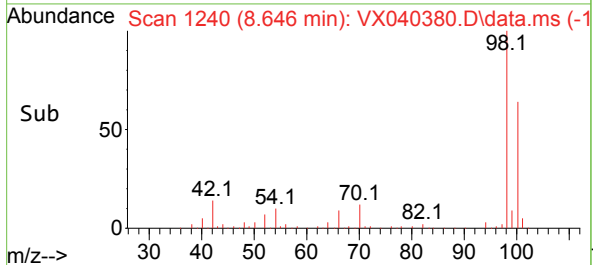
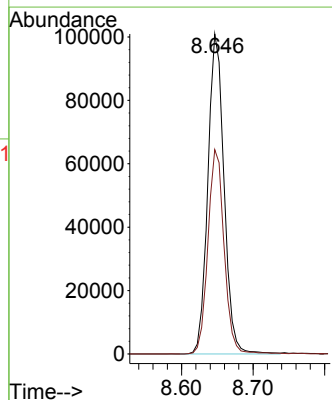
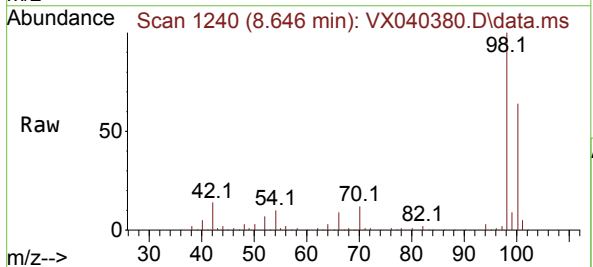
Instrument :
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CG-MW-17-CH2

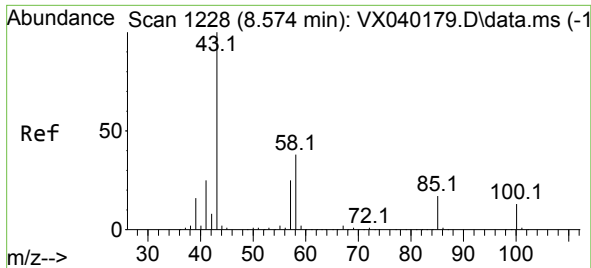
Tgt Ion: 78 Resp: 43768
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9



#50
Toluene-d8
Concen: 47.487 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 98 Resp: 158727
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

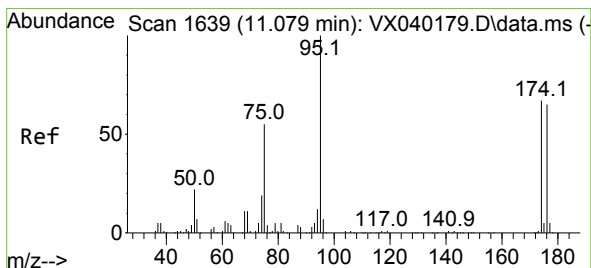
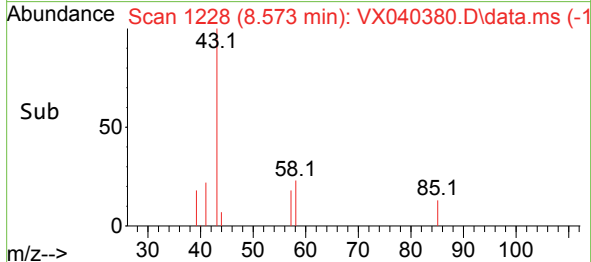
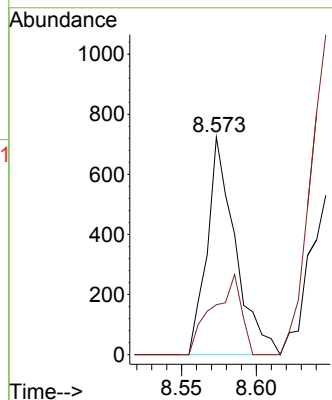
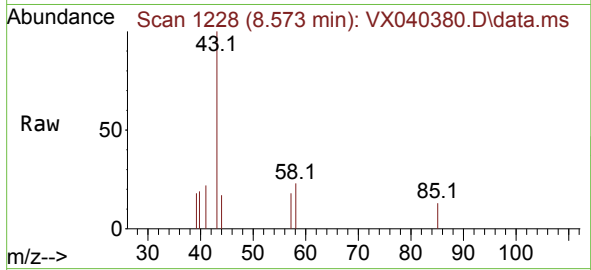




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

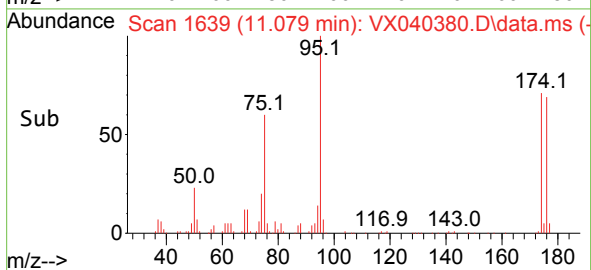
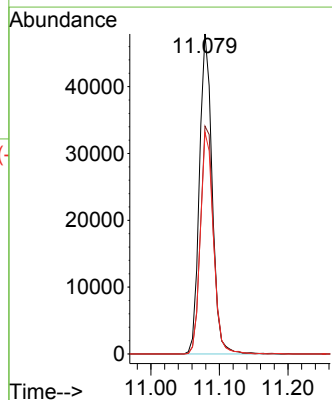
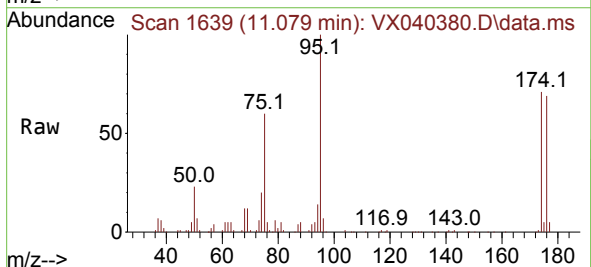
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

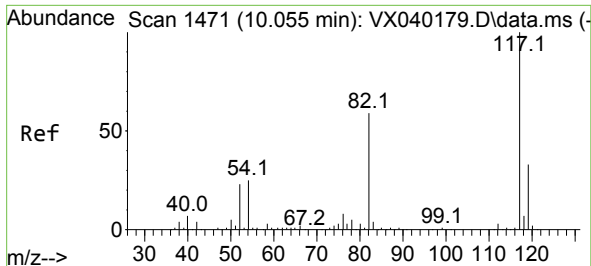
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 95 Resp: 61847
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.0 0.0 131.0

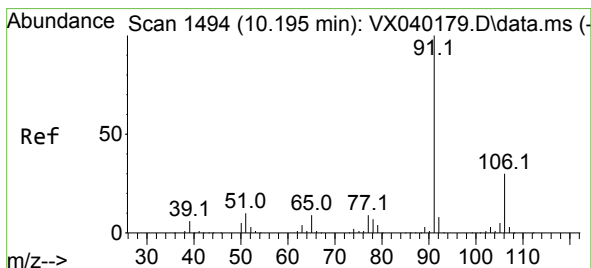
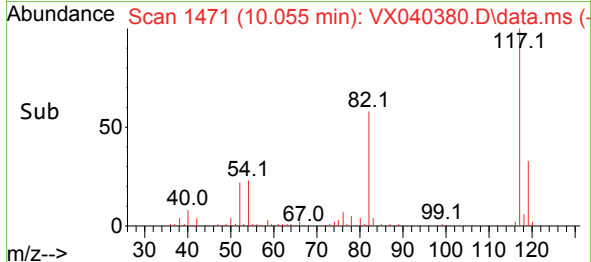
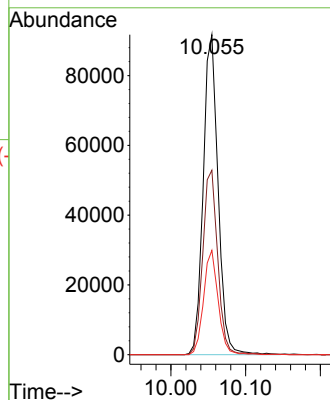
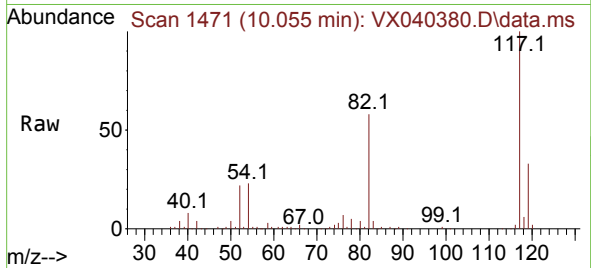




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

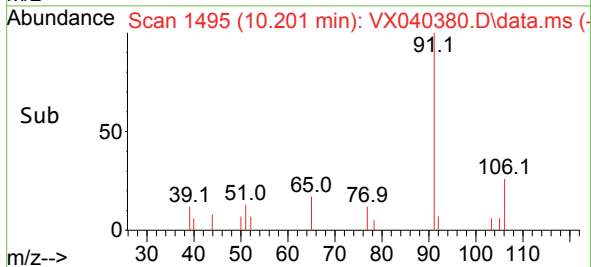
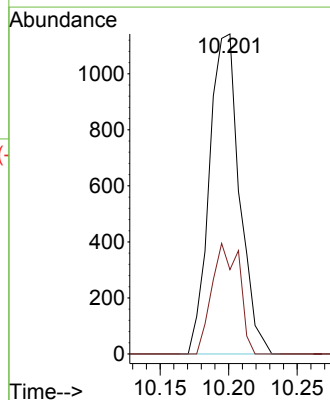
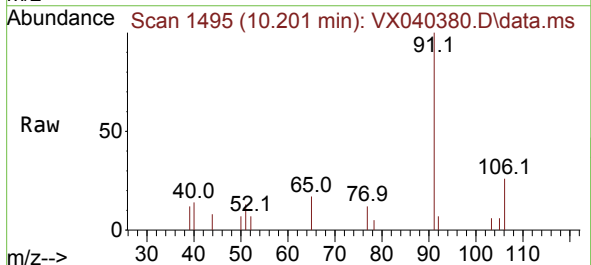
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

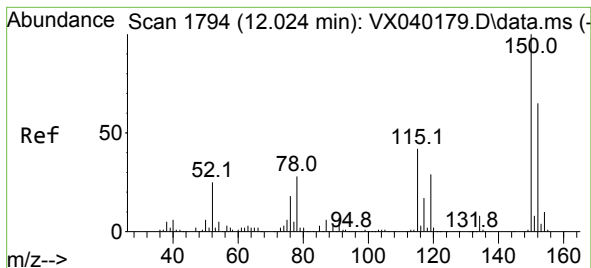
Tgt Ion:117 Resp: 126575
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 0.372 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 91 Resp: 1749
Ion Ratio Lower Upper
91 100
106 26.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040380.D

Acq: 21 Feb 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-17-CH2

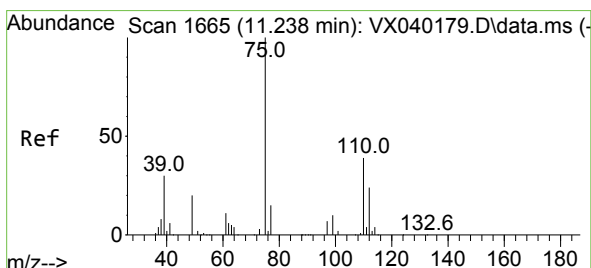
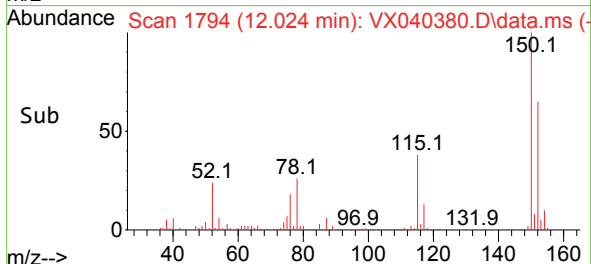
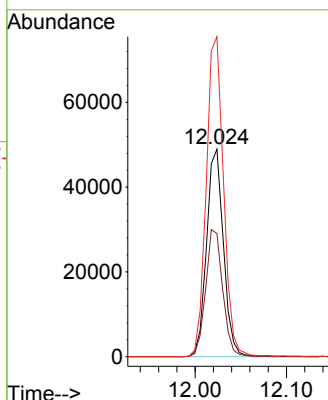
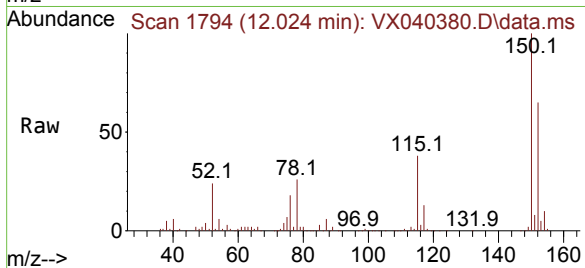
Tgt Ion:152 Resp: 62750

Ion Ratio Lower Upper

152 100

115 61.7 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.179 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040380.D

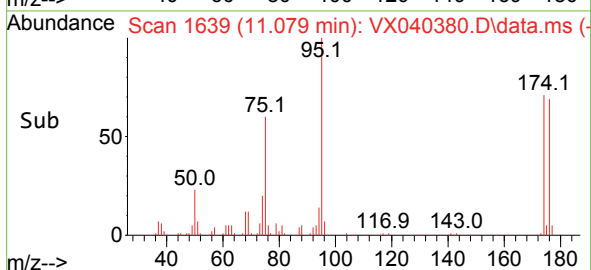
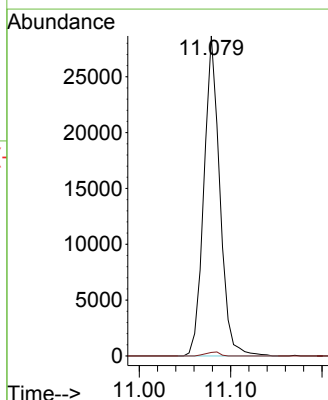
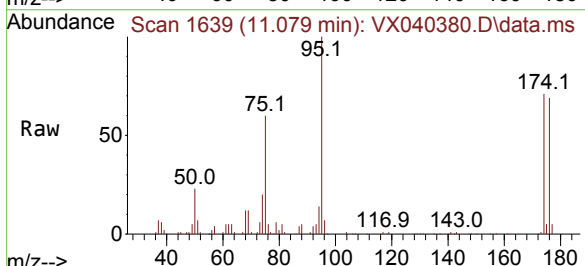
Acq: 21 Feb 2024 14:42

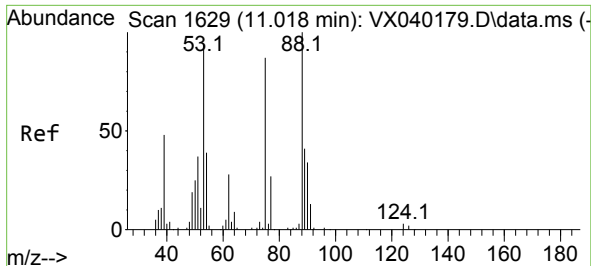
Tgt Ion: 75 Resp: 34537

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

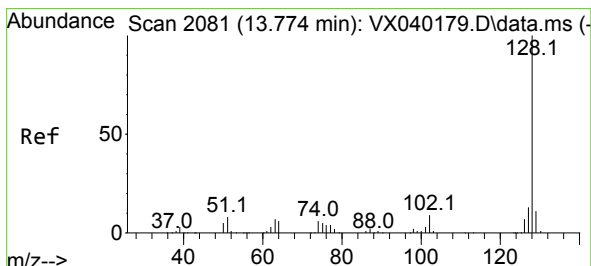
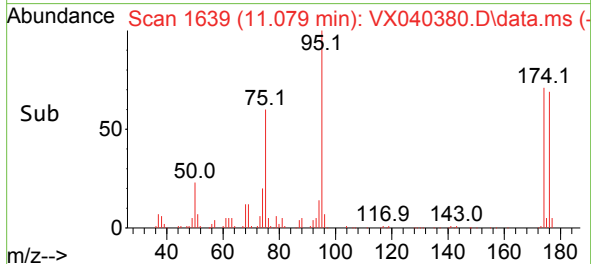
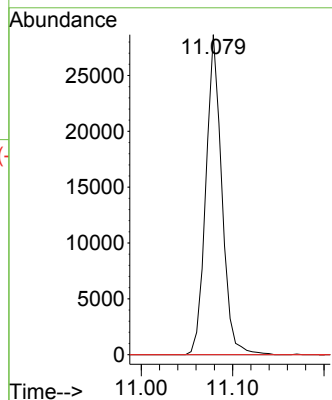
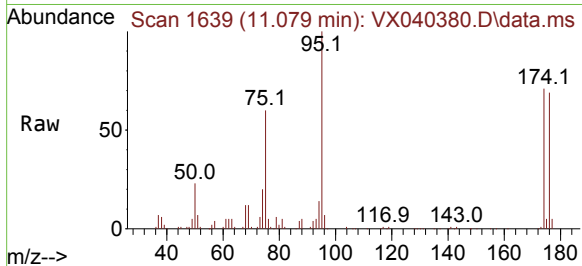




#81
trans-1,4-Dichloro-2-butene
Concen: 74.454 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-CH2

Tgt Ion: 75 Resp: 34537
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.274 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040380.D
Acq: 21 Feb 2024 14:42

Tgt Ion: 128 Resp: 1186
Ion Ratio Lower Upper
128 100
127 2.4 10.3 15.5#
129 4.4 8.8 13.2#

