

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040378.D
 Acq On : 21 Feb 2024 13:56
 Operator : JC/MD
 Sample : P1521-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-23

Quant Time: Feb 22 01:07:37 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)

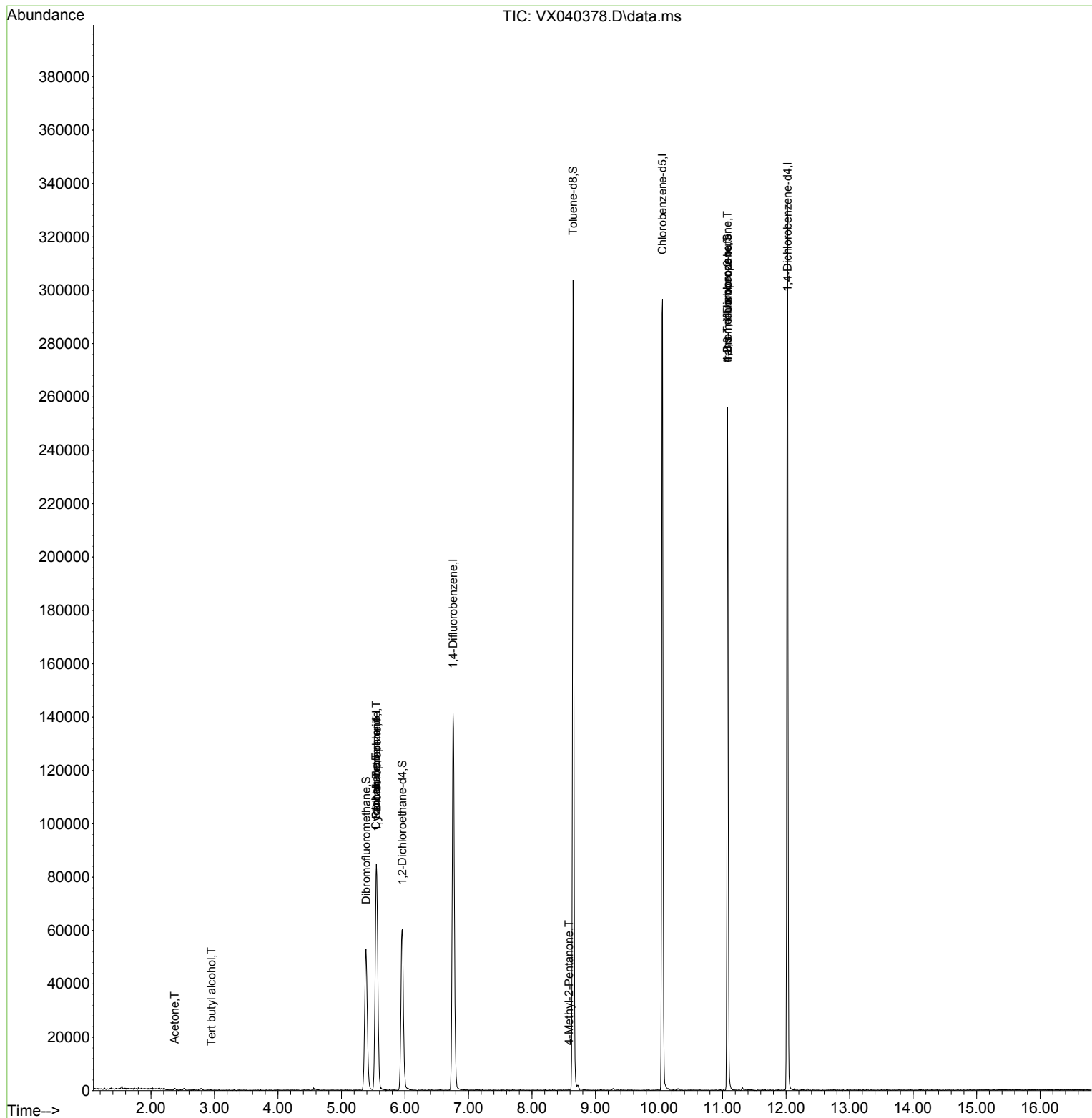
Internal Standards						
1) Pentafluorobenzene	5.550	168	77117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60296	52.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.120%	
35) Dibromofluoromethane	5.385	113	45849	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.560%	
50) Toluene-d8	8.647	98	171164	47.687	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	11.079	95	65137	44.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	98	0.439	ug/l #	78
16) Acetone	2.373	43	859	1.823	ug/l #	84
20) Methylene Chloride	2.782	84	363	Below Cal	#	75
31) Cyclohexane	5.544	56	1984	1.450	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7137	5.310	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7913	6.192	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	344	0.216	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	36543	27.788	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36543	76.043	ug/l #	5

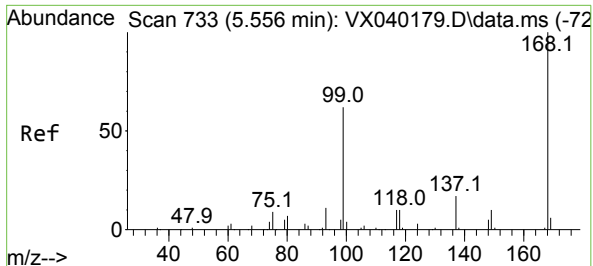
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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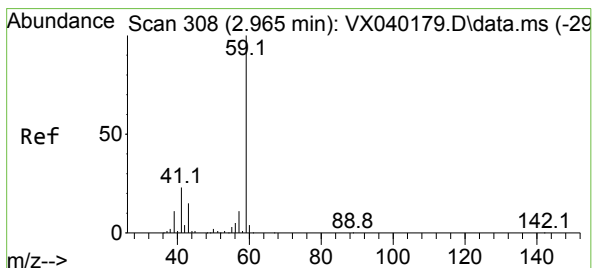
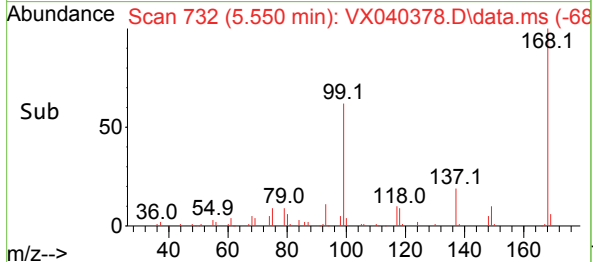
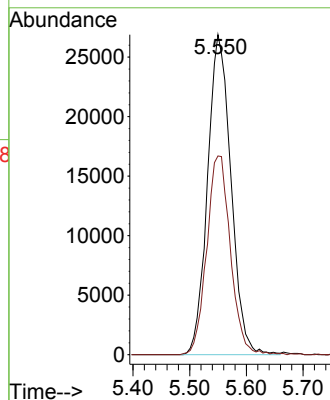
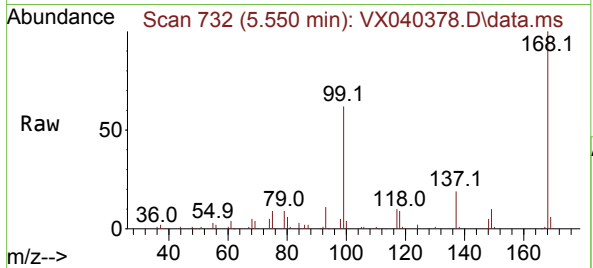




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

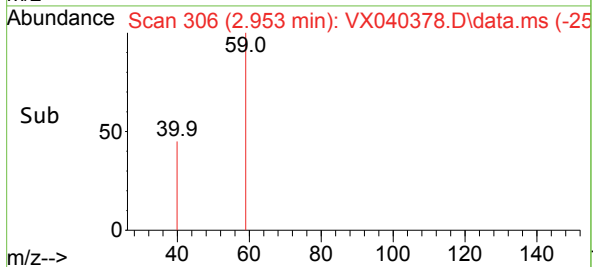
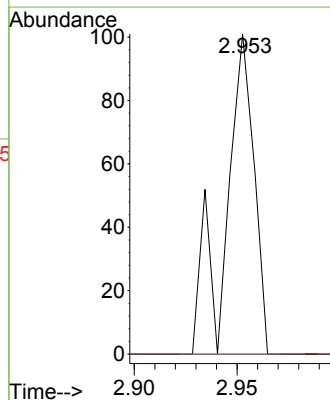
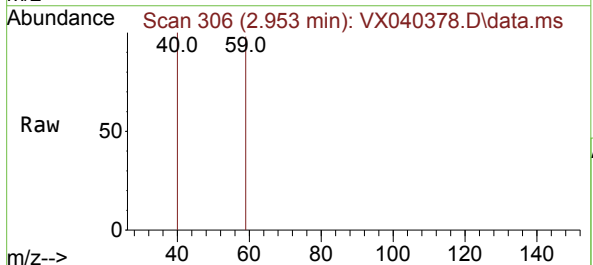
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23

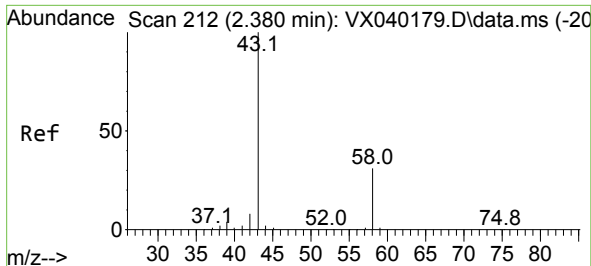
Tgt Ion:168 Resp: 77117
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.439 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.823 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040378.D

Acq: 21 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

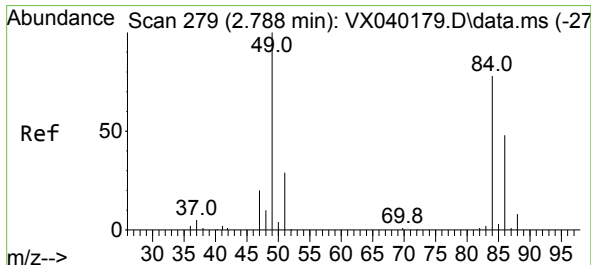
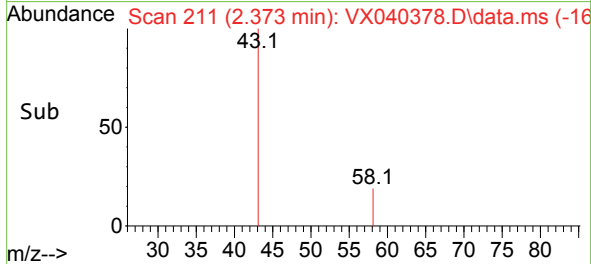
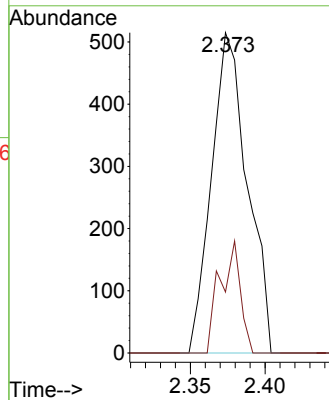
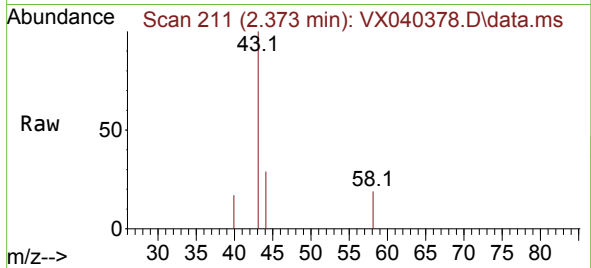
CG-MW-23

Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

58 19.0 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX040378.D

Acq: 21 Feb 2024 13:56

Tgt Ion: 84 Resp: 363

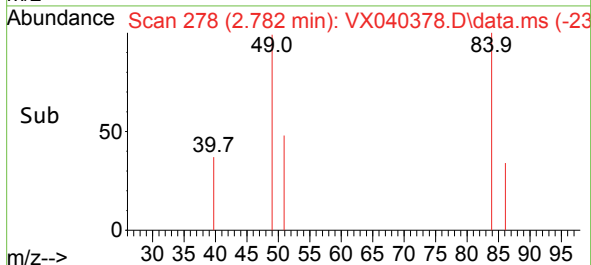
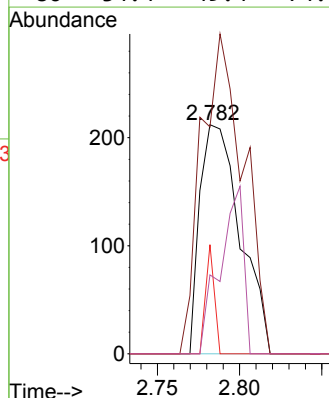
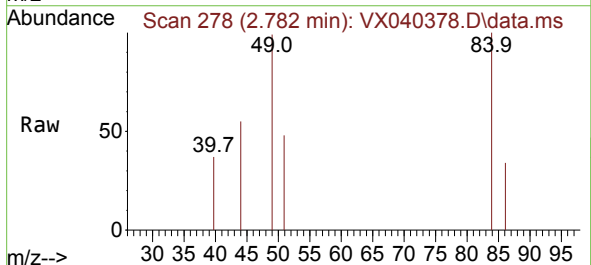
Ion Ratio Lower Upper

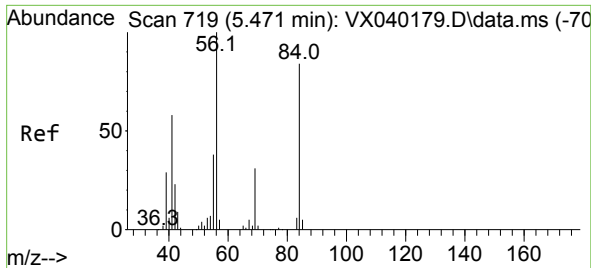
84 100

49 99.1 103.6 155.4#

51 47.6 33.8 50.6

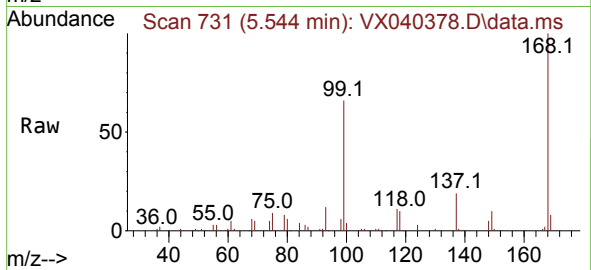
86 34.4 49.4 74.0#



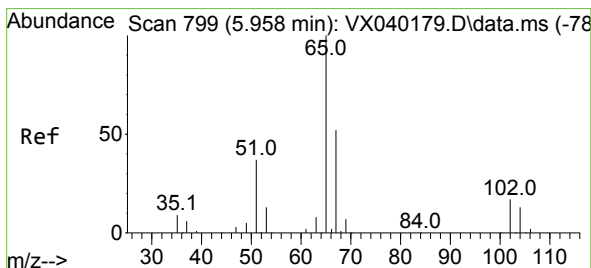
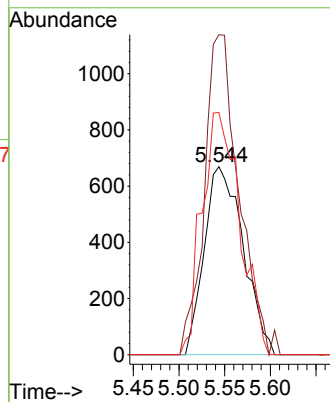
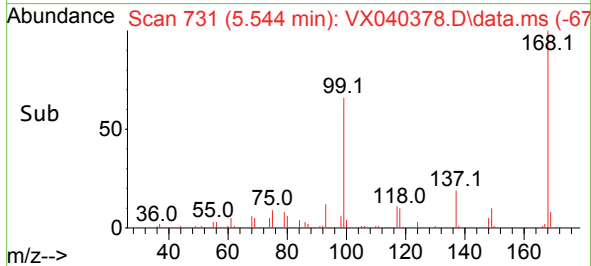


#31
Cyclohexane
Concen: 1.450 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23

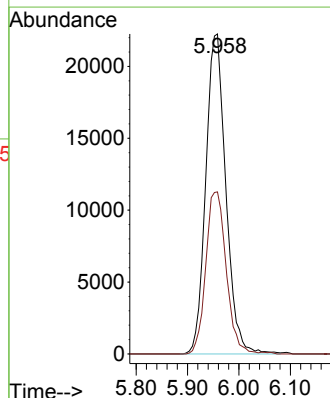
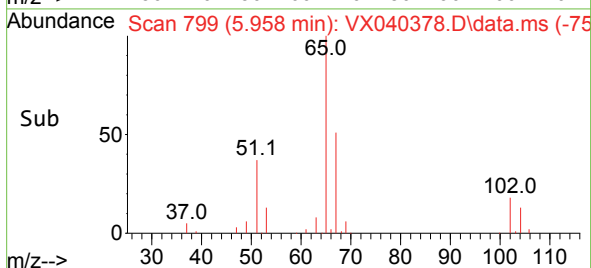
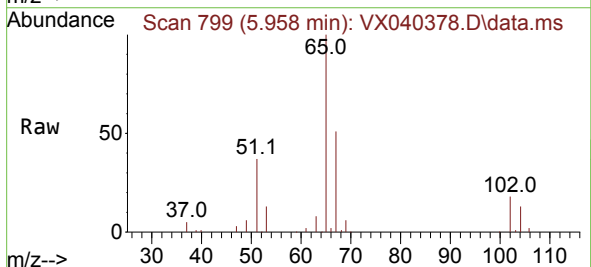


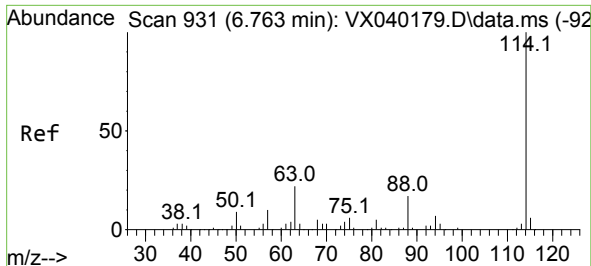
Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 170.3 23.4 35.2#
84 128.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.556 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

Tgt Ion: 65 Resp: 60296
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX040378.D

Acq: 21 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-23

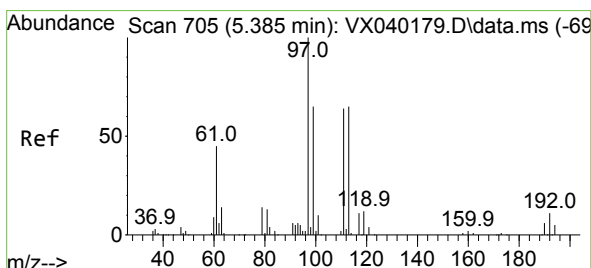
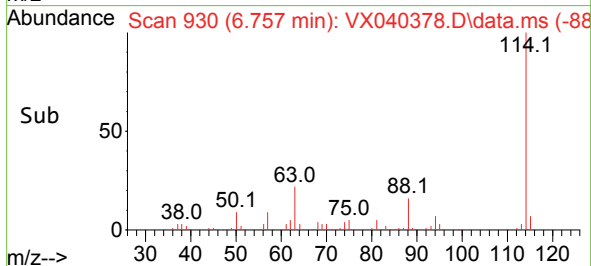
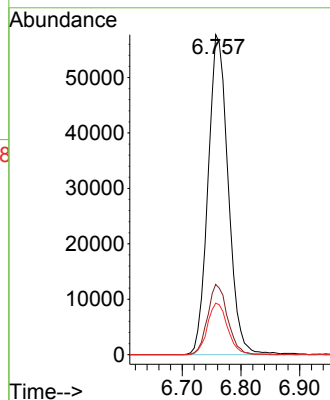
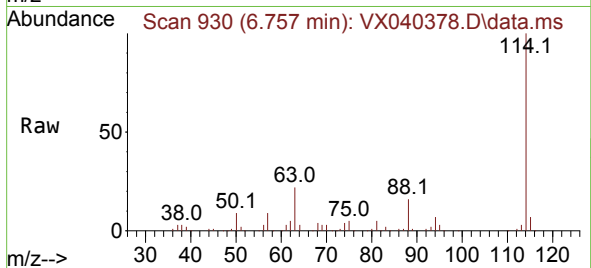
Tgt Ion:114 Resp: 137400

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 16.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.783 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040378.D

Acq: 21 Feb 2024 13:56

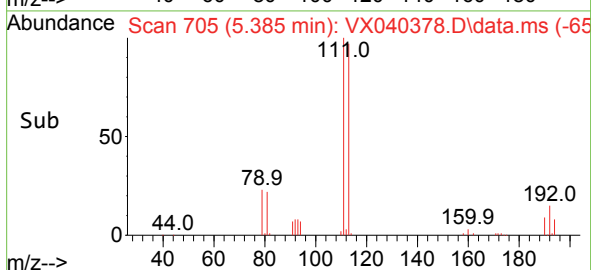
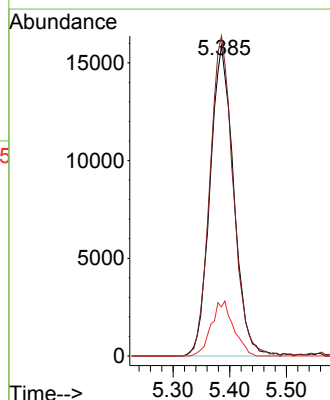
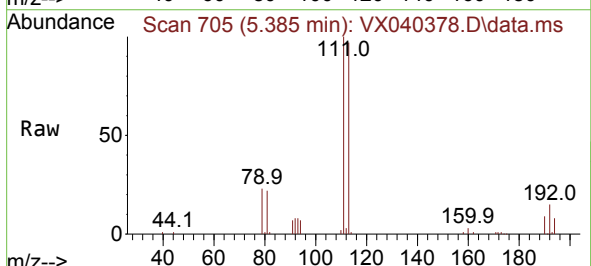
Tgt Ion:113 Resp: 45849

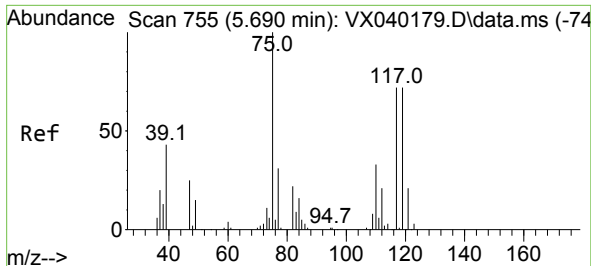
Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 16.7 13.3 19.9

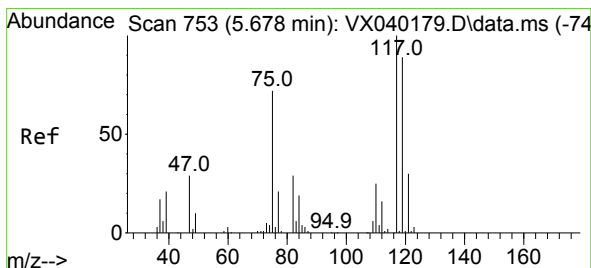
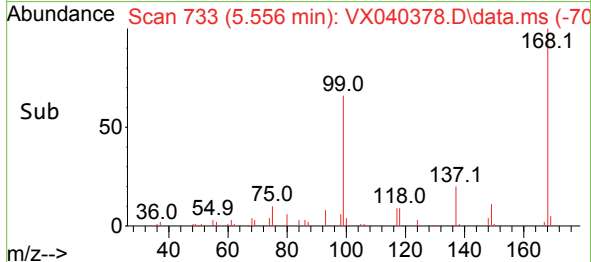
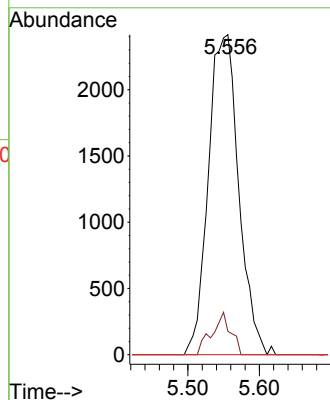
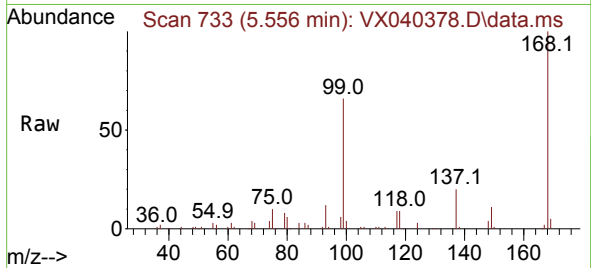




#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

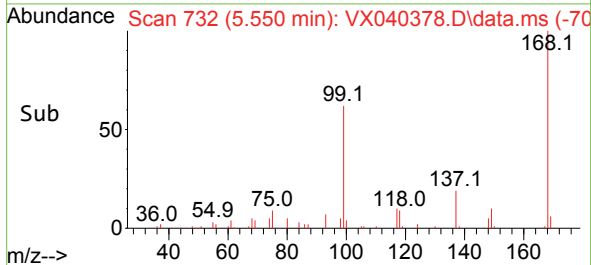
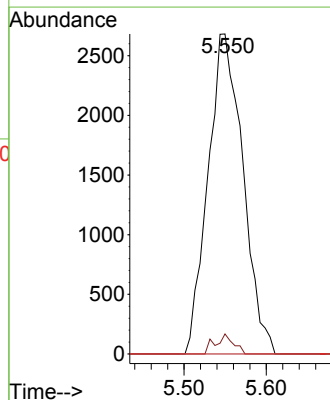
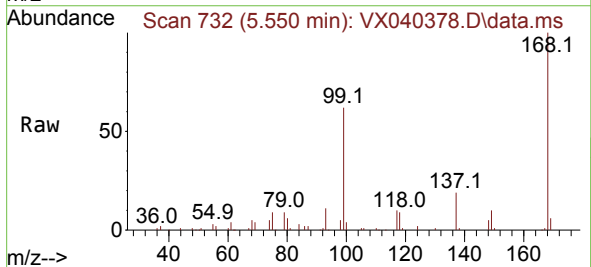
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23

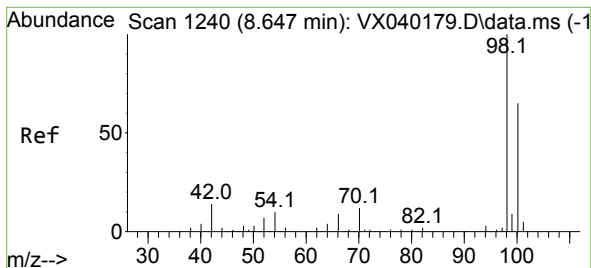
Tgt Ion: 75 Resp: 7137
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

Tgt Ion: 117 Resp: 7913
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.687 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040378.D

Acq: 21 Feb 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

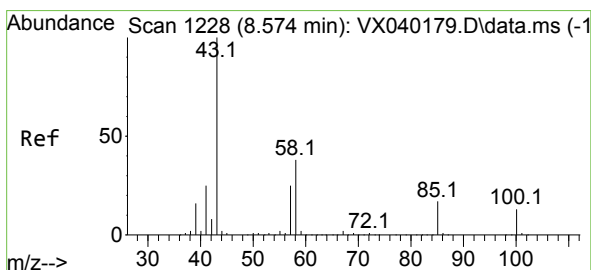
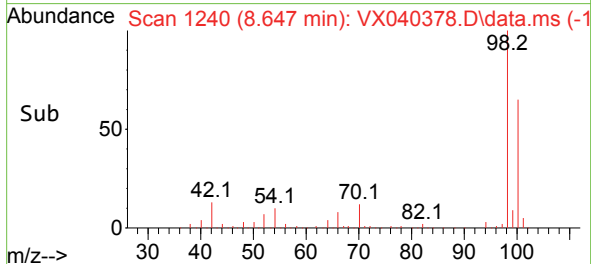
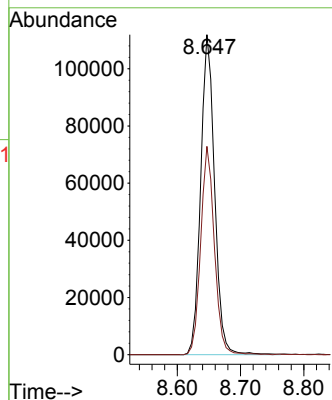
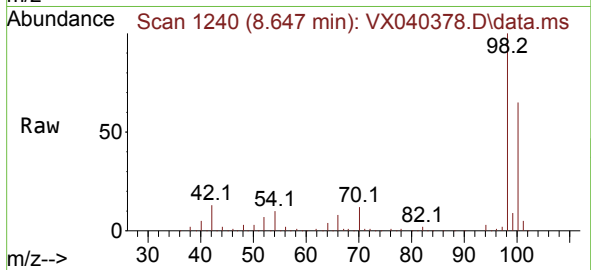
CG-MW-23

Tgt Ion: 98 Resp: 171164

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.216 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX040378.D

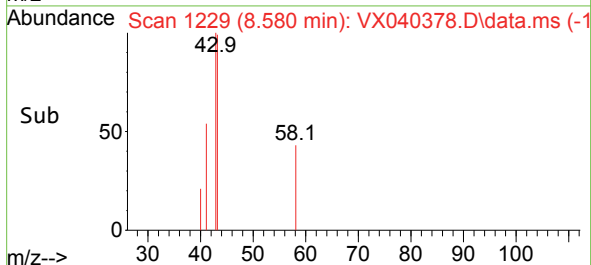
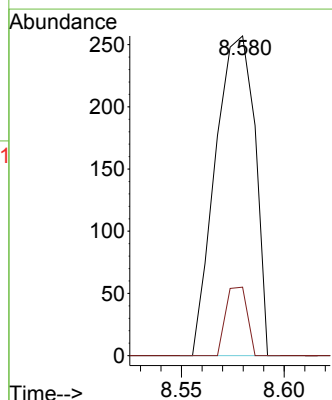
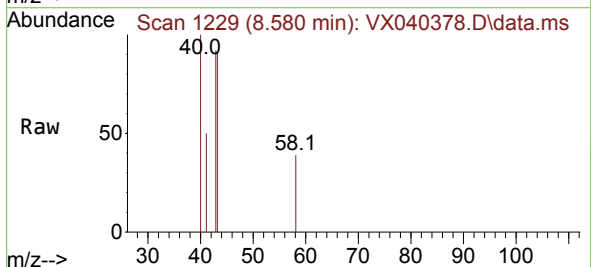
Acq: 21 Feb 2024 13:56

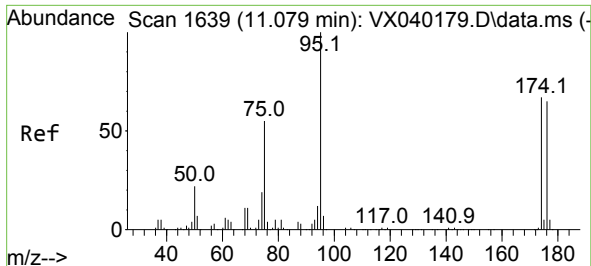
Tgt Ion: 43 Resp: 344

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#

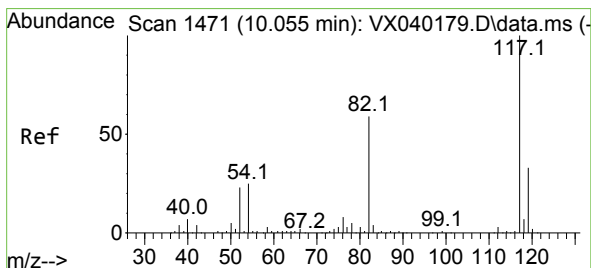
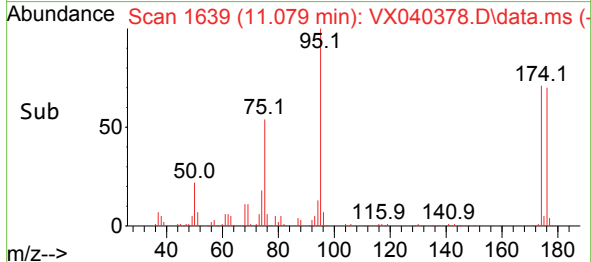
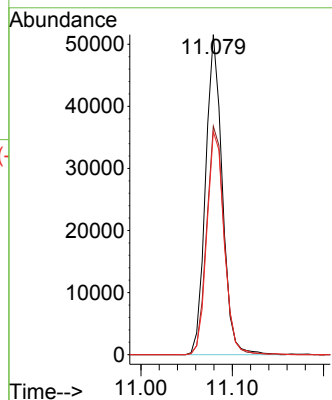
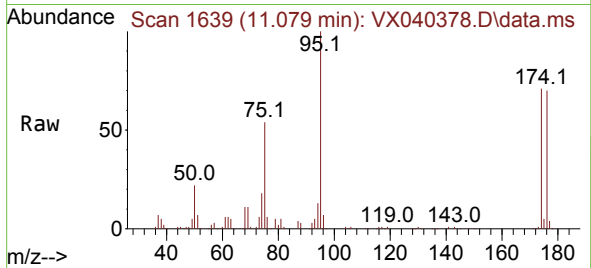




#62
4-Bromofluorobenzene
Concen: 44.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

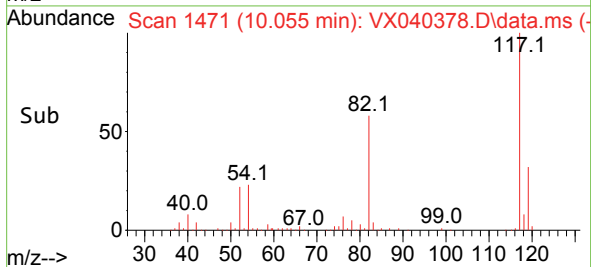
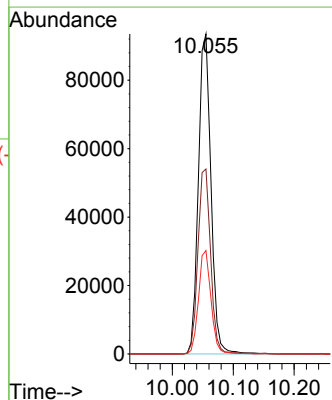
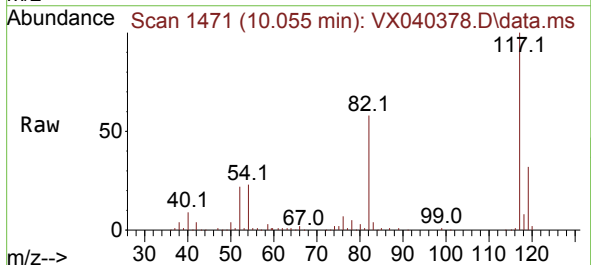
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-23

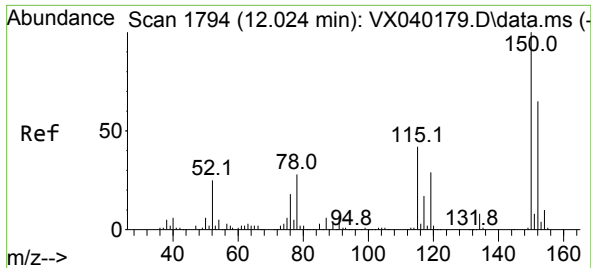
Tgt Ion: 95 Resp: 65137
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 72.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040378.D
Acq: 21 Feb 2024 13:56

Tgt Ion: 117 Resp: 133792
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.3 25.5 38.3

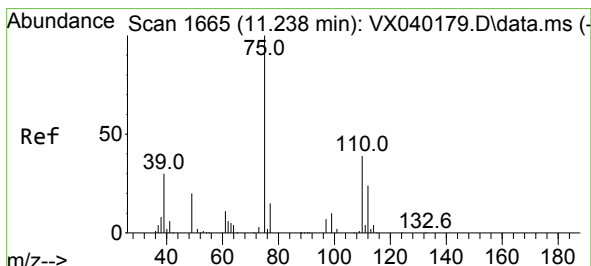
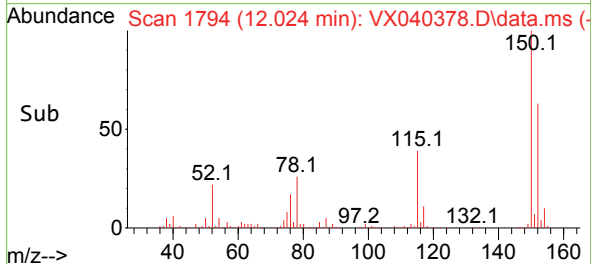
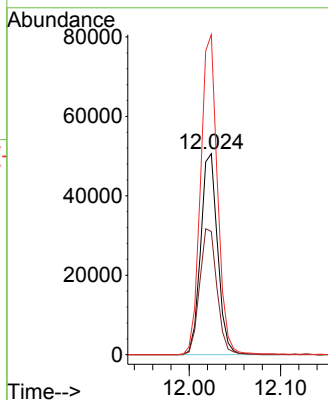
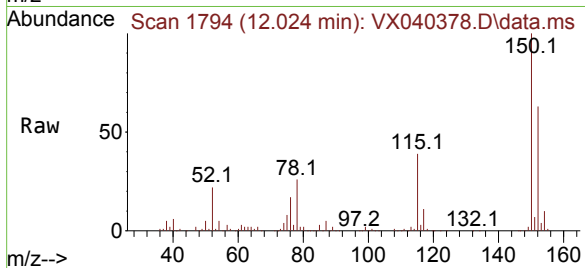




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040378.D
 Acq: 21 Feb 2024 13:56

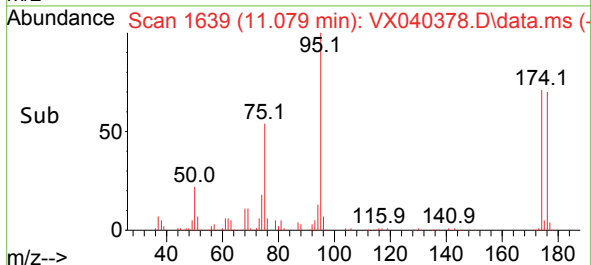
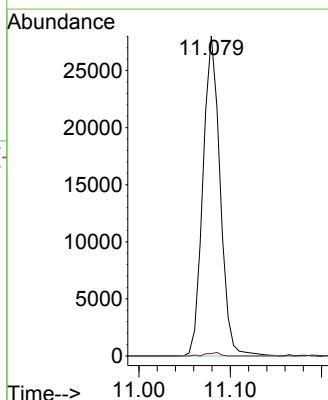
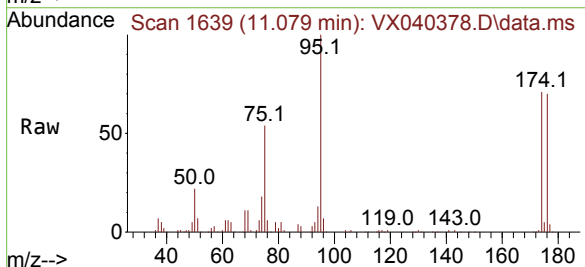
Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-23

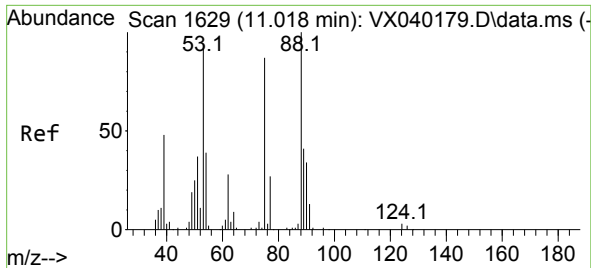
Tgt Ion:152 Resp: 64939
 Ion Ratio Lower Upper
 152 100
 115 64.4 43.3 129.9
 150 159.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.788 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040378.D
 Acq: 21 Feb 2024 13:56

Tgt Ion: 75 Resp: 36543
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.043 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040378.D
 Acq: 21 Feb 2024 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-23

Tgt Ion: 75 Resp: 36543
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

