

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040523.D
 Acq On : 28 Feb 2024 19:52
 Operator : JC/MD
 Sample : P1615-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20240226

Quant Time: Feb 29 03:55:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

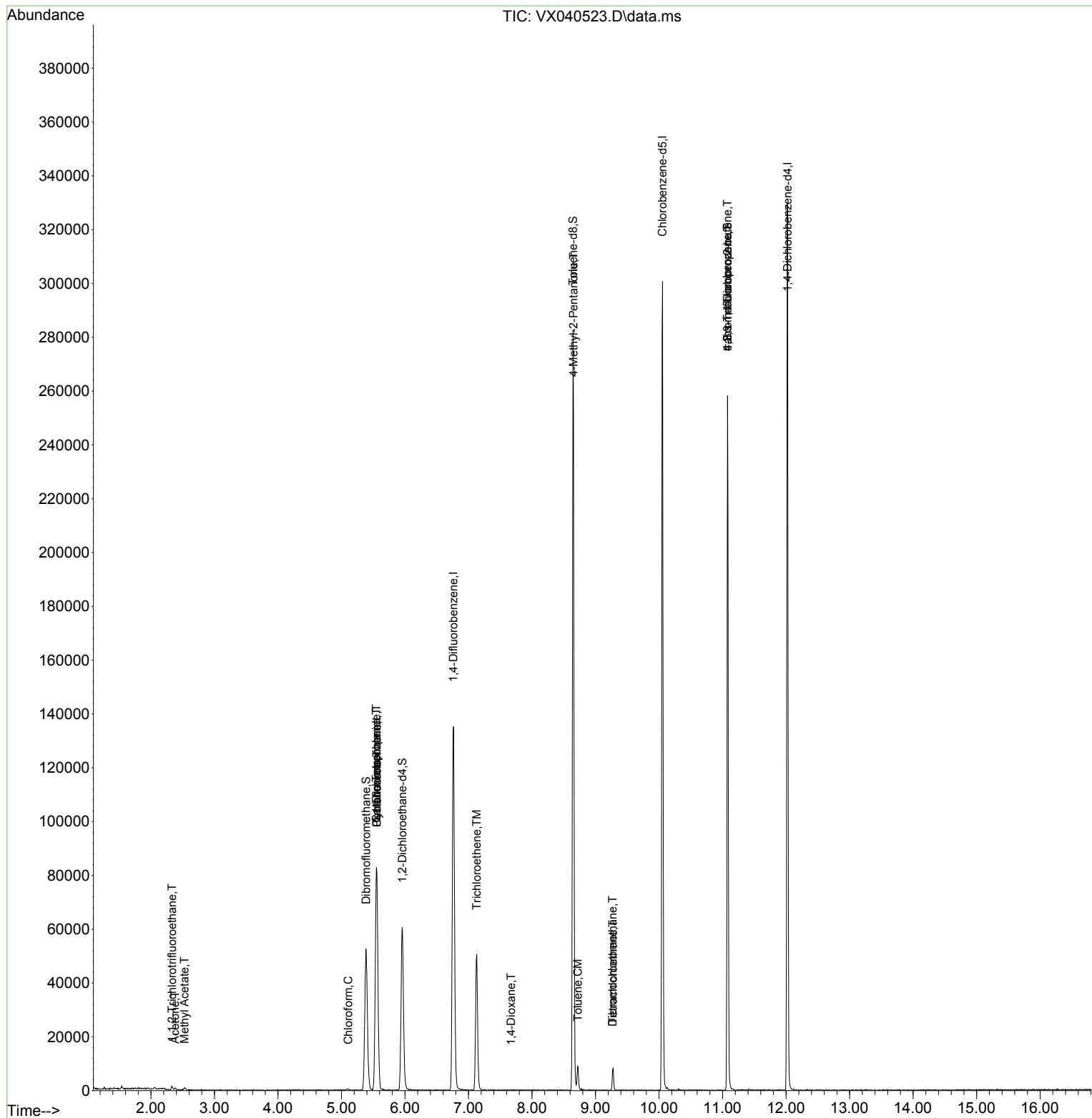
Internal Standards						
1) Pentafluorobenzene	5.556	168	73400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61716	50.271	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.540%		
35) Dibromofluoromethane	5.385	113	43476	47.878	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.760%		
50) Toluene-d8	8.647	98	159908	48.514	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.020%		
62) 4-Bromofluorobenzene	11.079	95	63567	50.592	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.180%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	524	0.629	ug/l	91
16) Acetone	2.380	43	808	2.018	ug/l #	81
18) Methyl Acetate	2.526	43	249	0.202	ug/l #	53
30) Chloroform	5.105	83	610	0.335	ug/l #	82
31) Cyclohexane	5.556	56	1984	1.426	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	6614	4.728	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8265	6.115	ug/l #	14
44) Trichloroethene	7.129	130	18342	18.006	ug/l	93
49) 1,4-Dioxane	7.671	88	84	3.698	ug/l #	12
51) 4-Methyl-2-Pentanone	8.653	43	748	0.471	ug/l #	1
52) Toluene	8.720	92	3086	1.328	ug/l	91
60) Dibromochloromethane	9.269	129	1416	1.351	ug/l #	11
64) Tetrachloroethene	9.275	164	1291	1.449	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	38301	26.501	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38301	77.018	ug/l #	5

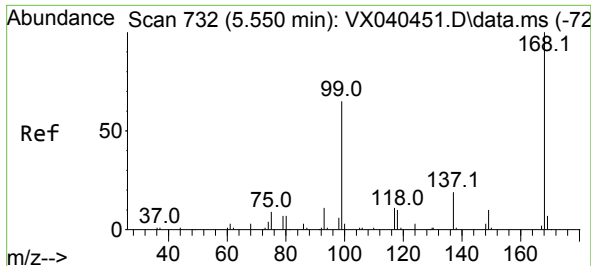
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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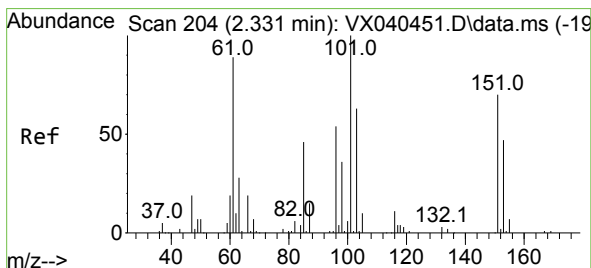
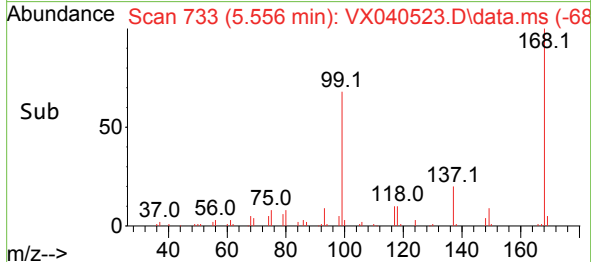
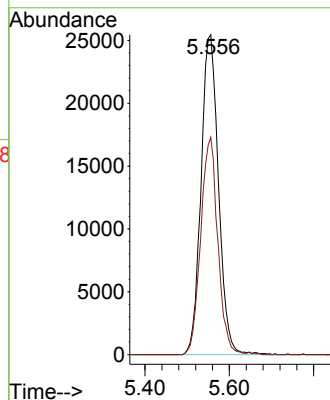
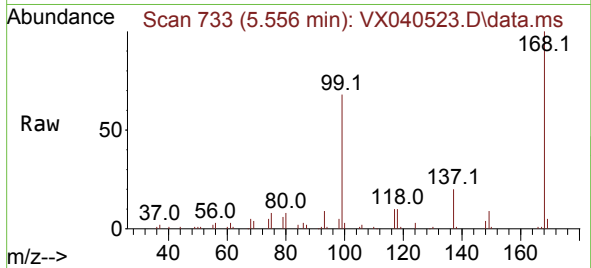




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

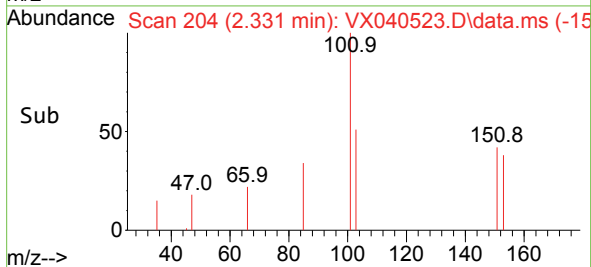
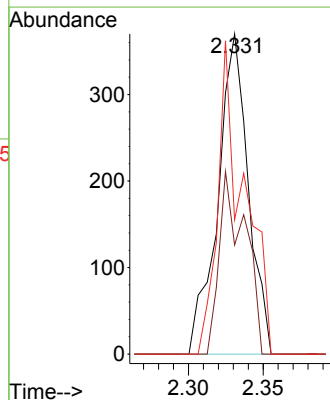
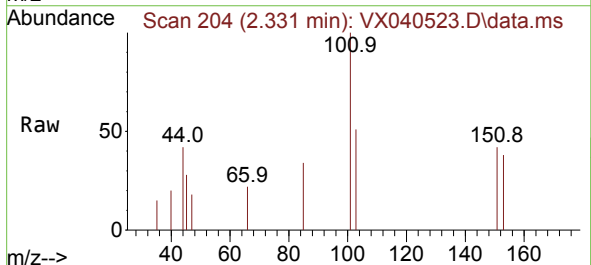
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20240226

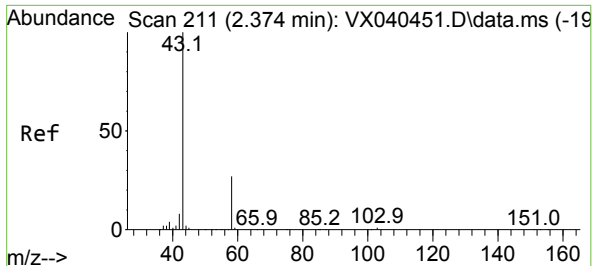
Tgt Ion:168 Resp: 73400
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.629 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion:101 Resp: 524
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 84.0 58.6 87.8





#16

Acetone

Concen: 2.018 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040523.D

Acq: 28 Feb 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

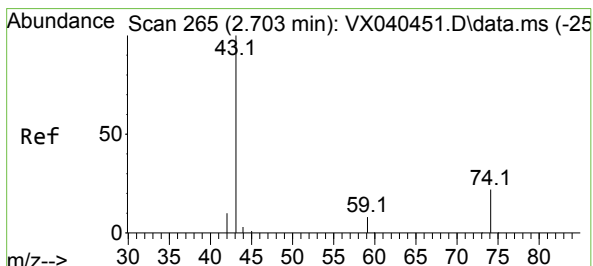
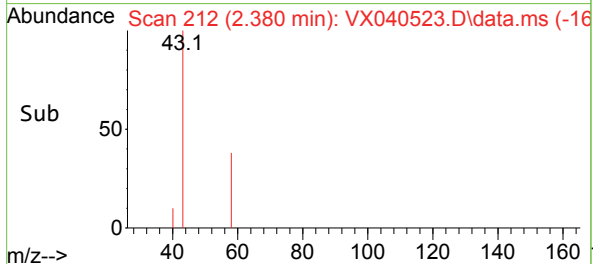
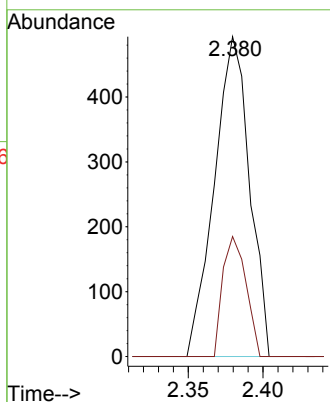
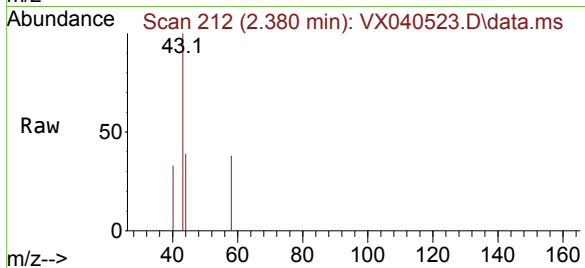
GM38-RW3-MW1-20240226

Tgt Ion: 43 Resp: 808

Ion Ratio Lower Upper

43 100

58 37.5 21.9 32.9#



#18

Methyl Acetate

Concen: 0.202 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.177 min

Lab File: VX040523.D

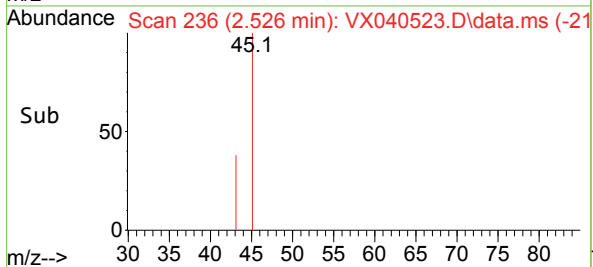
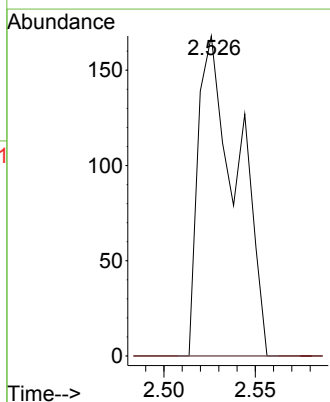
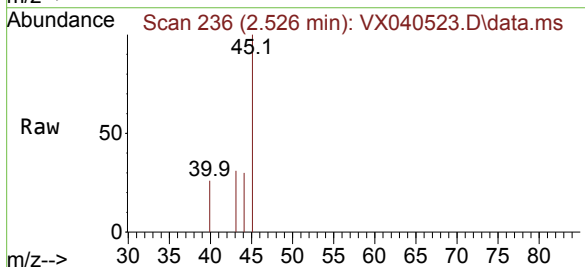
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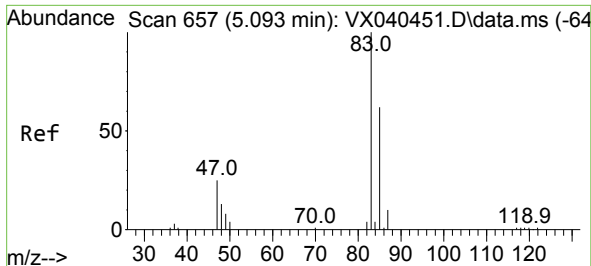
Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

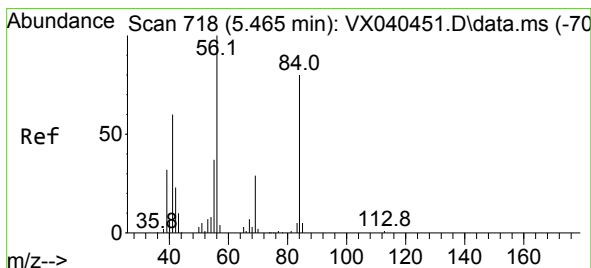
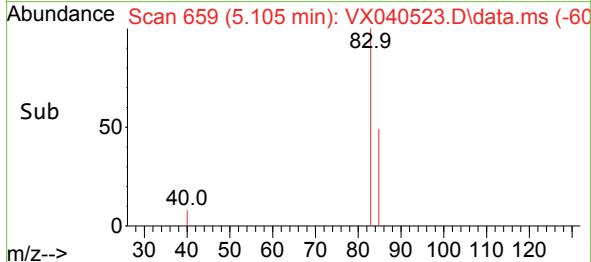
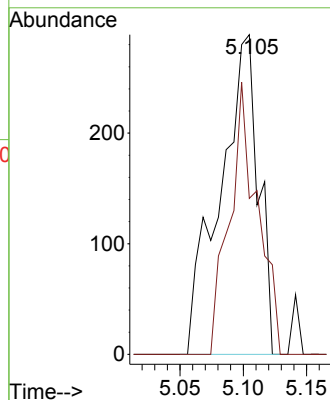
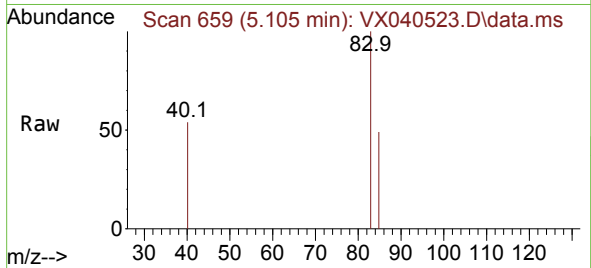




#30
Chloroform
Concen: 0.335 ug/l
RT: 5.105 min Scan# 610
Delta R.T. 0.012 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

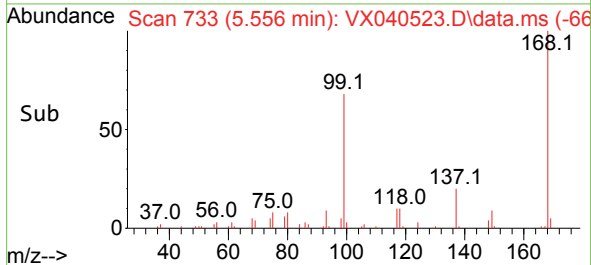
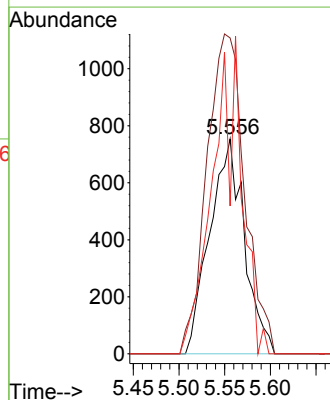
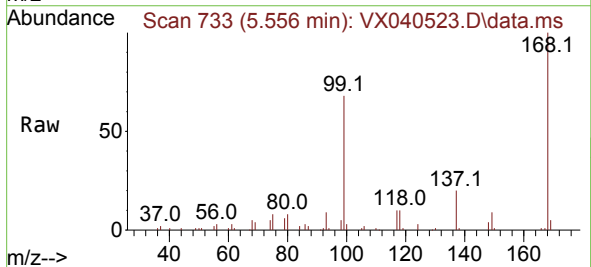
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20240226

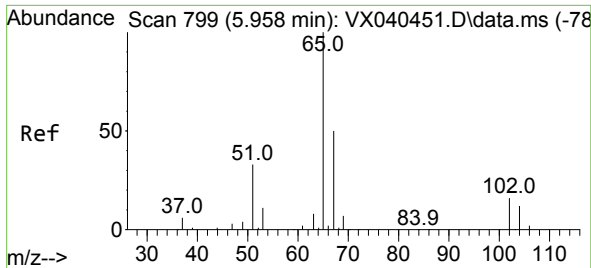
Tgt Ion: 83 Resp: 610
Ion Ratio Lower Upper
83 100
85 48.8 50.3 75.5#



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 146.9 23.4 35.2#
84 68.8 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 50.271 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040523.D

Acq: 28 Feb 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

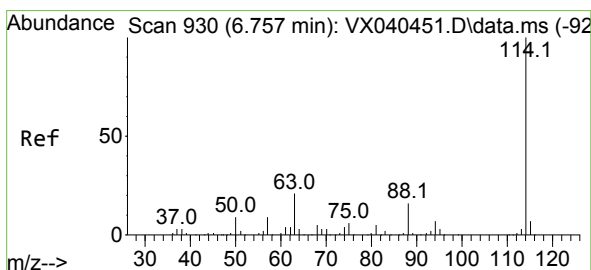
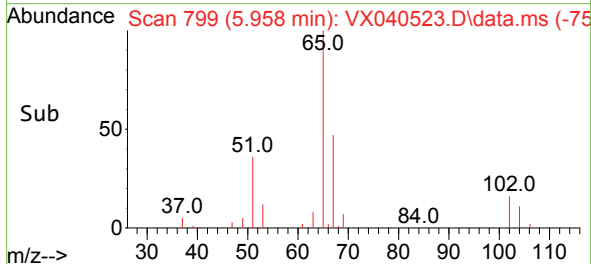
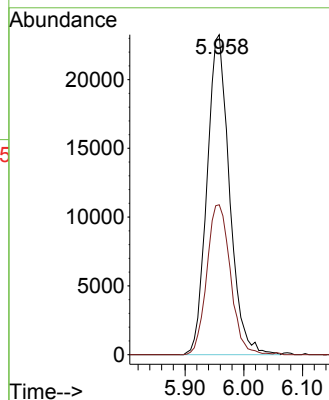
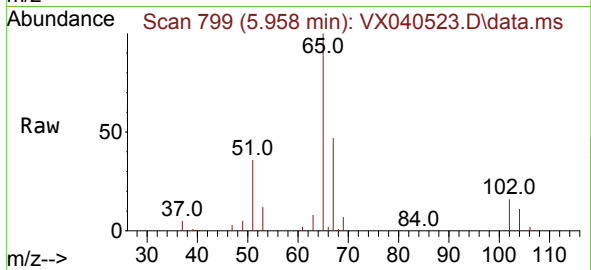
GM38-RW3-MW1-20240226

Tgt Ion: 65 Resp: 61716

Ion Ratio Lower Upper

65 100

67 49.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040523.D

Acq: 28 Feb 2024 19:52

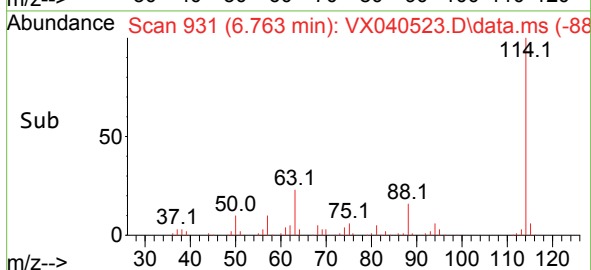
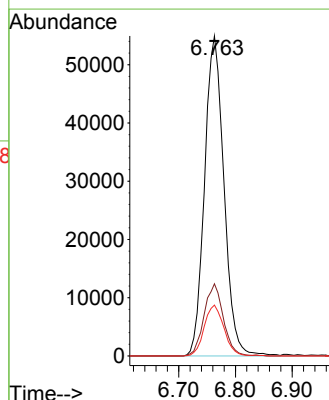
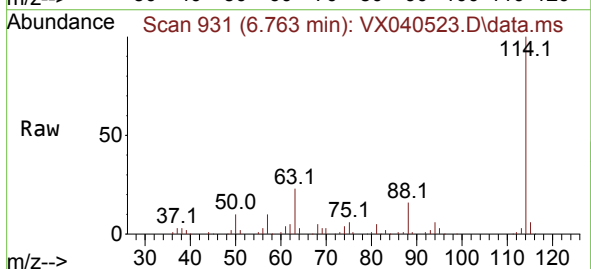
Tgt Ion: 114 Resp: 130582

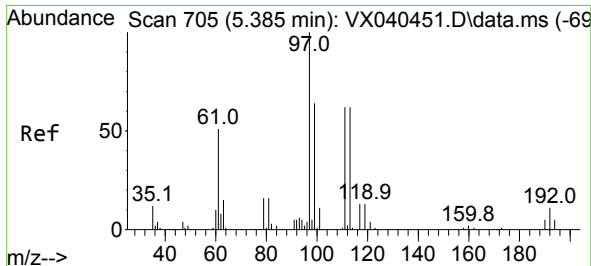
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

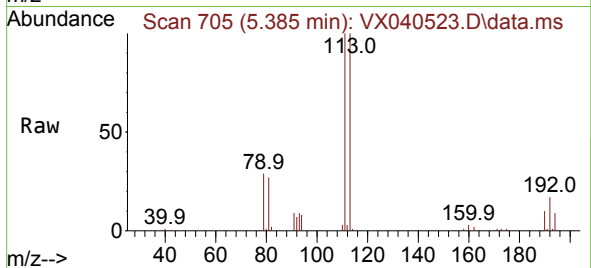
88 15.9 0.0 36.6



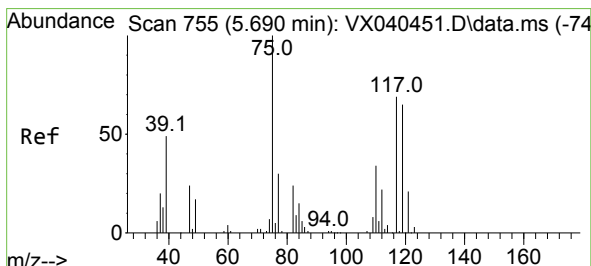
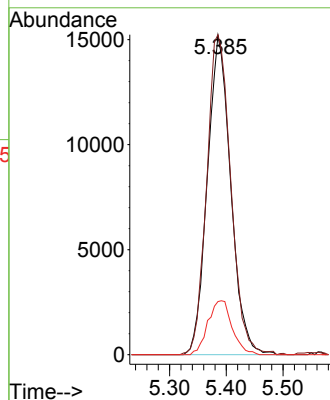
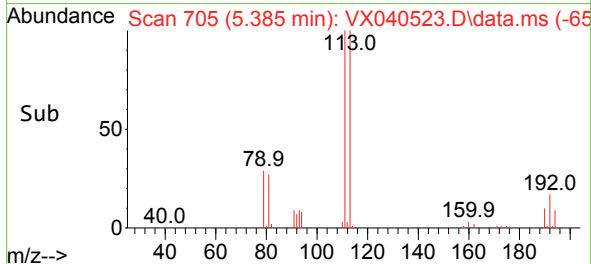


#35
Dibromofluoromethane
Concen: 47.878 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20240226

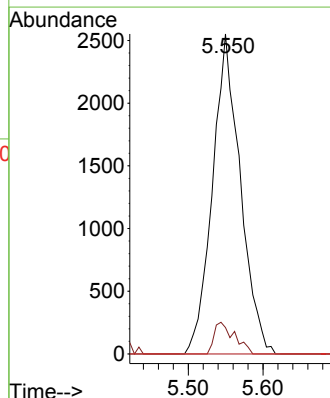
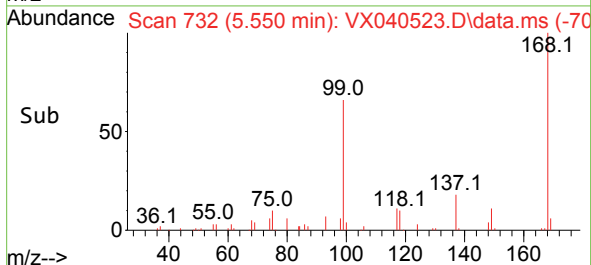
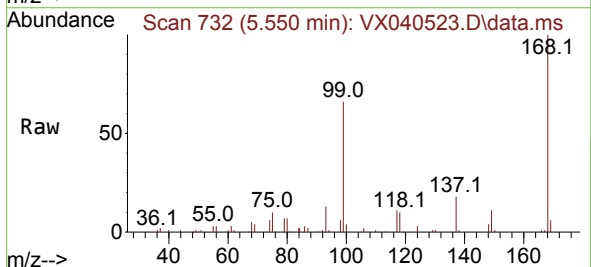


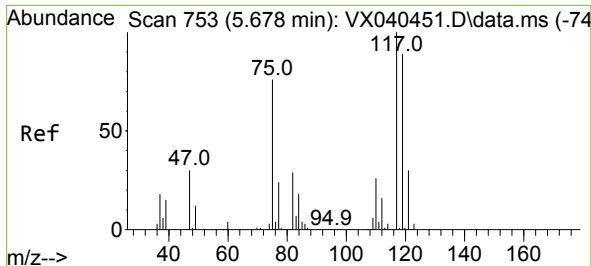
Tgt Ion:113 Resp: 43476
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion: 75 Resp: 6614
Ion Ratio Lower Upper
75 100
110 7.2 17.0 50.9#
77 0.0 24.7 37.1#

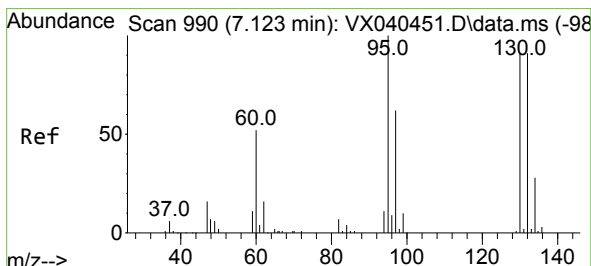
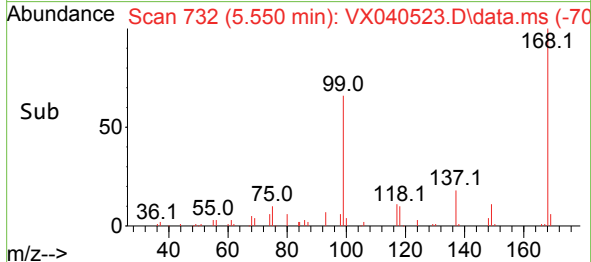
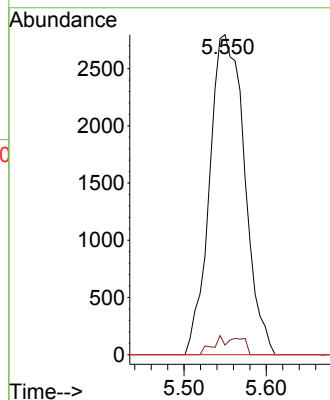
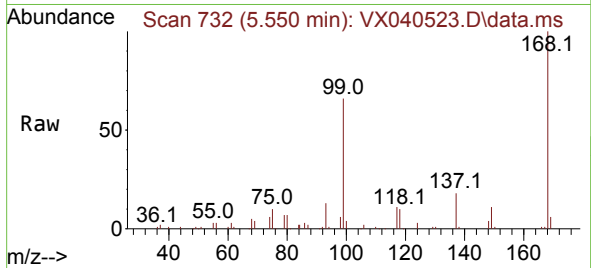




#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

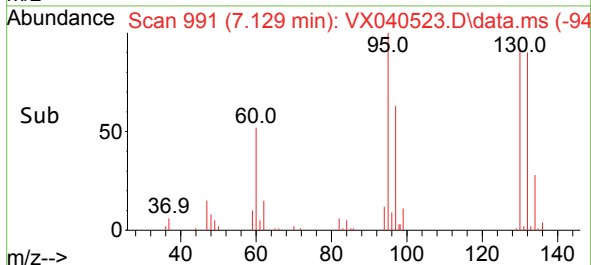
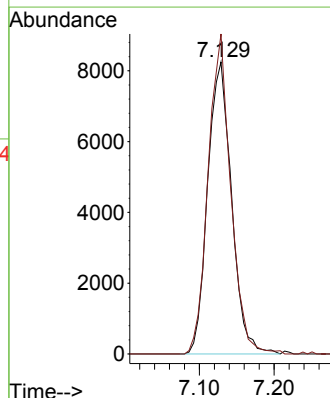
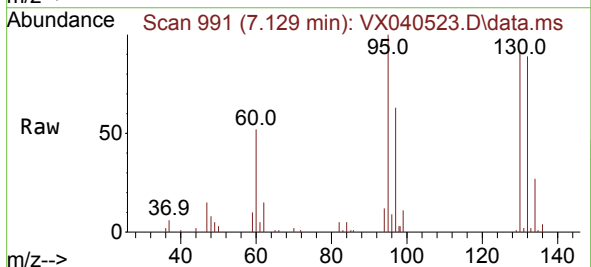
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ClientSampleId :
GM38-RW3-MW1-20240226

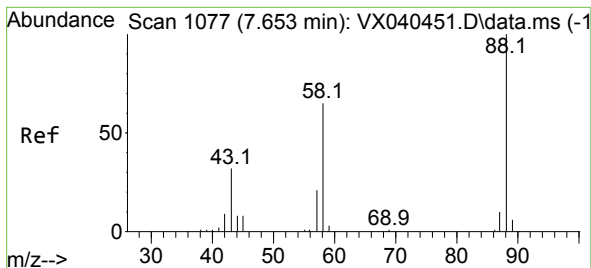
Tgt Ion:117 Resp: 8265
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 18.006 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion:130 Resp: 18342
Ion Ratio Lower Upper
130 100
95 109.6 0.0 204.4





#49

1,4-Dioxane

Concen: 3.698 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.018 min

Lab File: VX040523.D

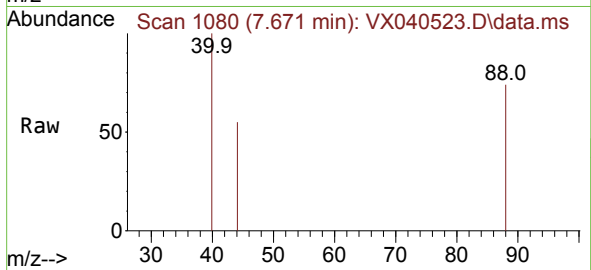
Acq: 28 Feb 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20240226



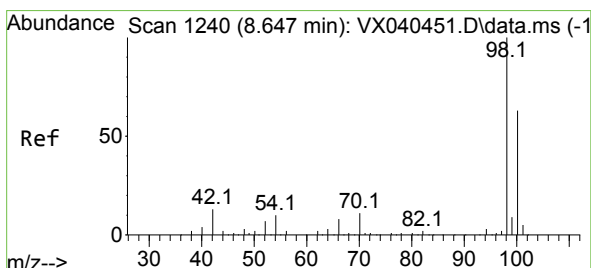
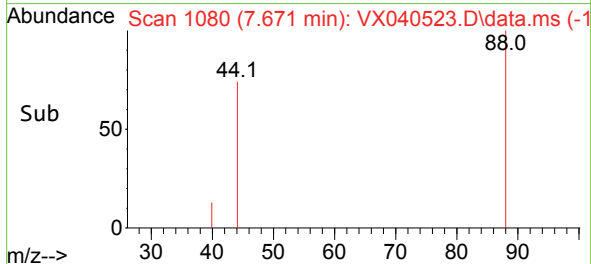
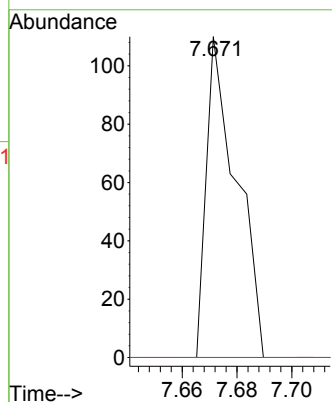
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 48.514 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040523.D

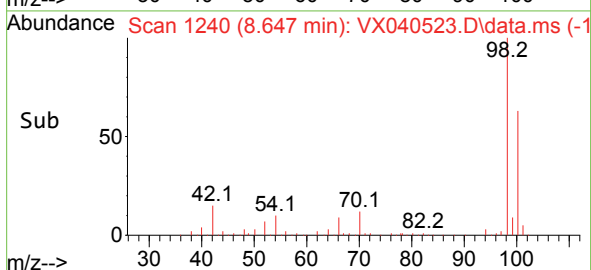
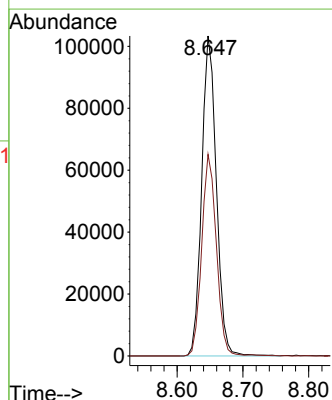
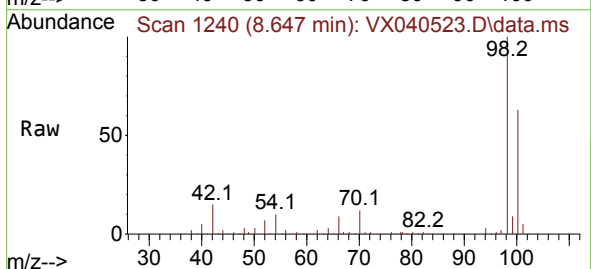
Acq: 28 Feb 2024 19:52

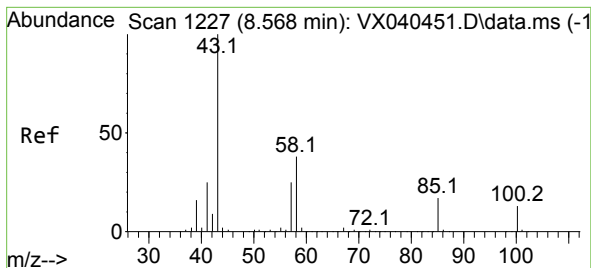
Tgt Ion: 98 Resp: 159908

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7

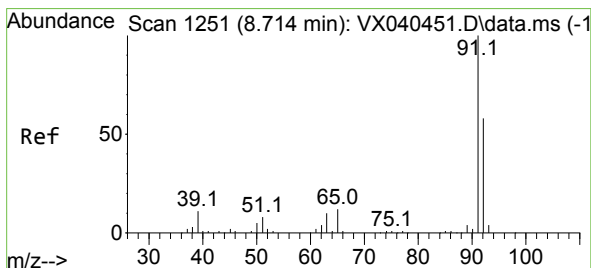
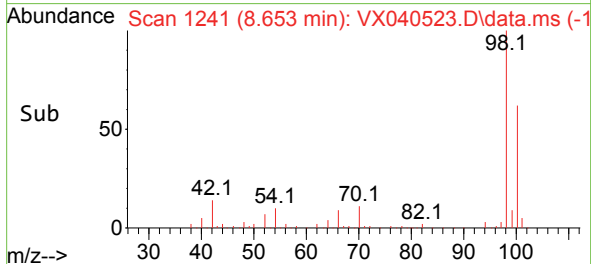
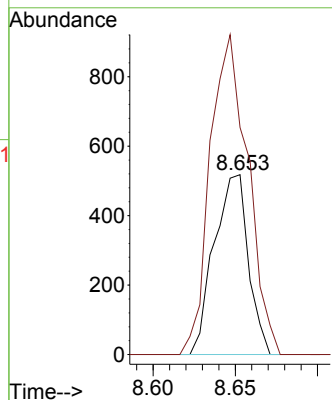
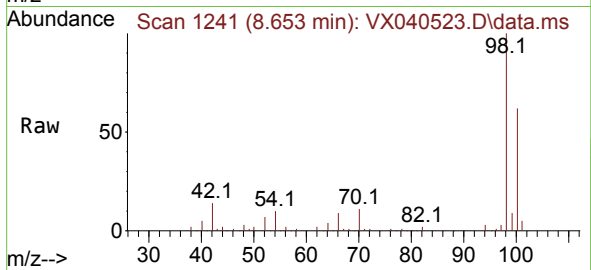




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.085 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

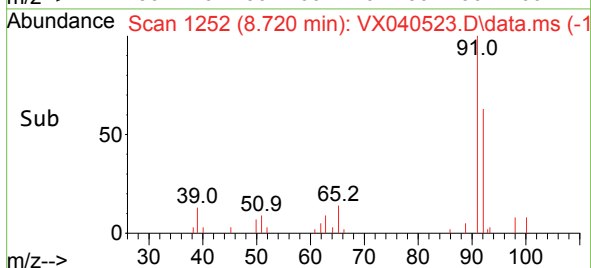
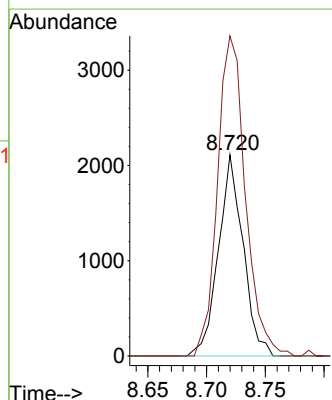
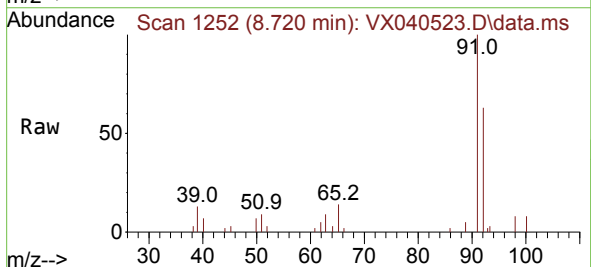
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20240226

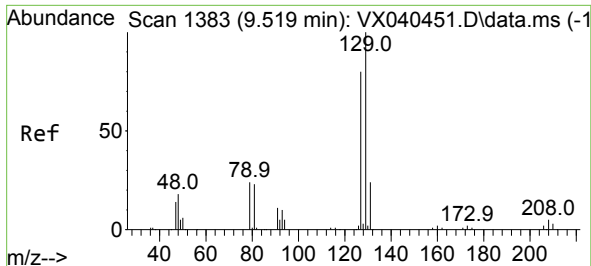
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 196.5 30.4 45.6#



#52
Toluene
Concen: 1.328 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion: 92 Resp: 3086
Ion Ratio Lower Upper
92 100
91 180.2 134.2 201.2

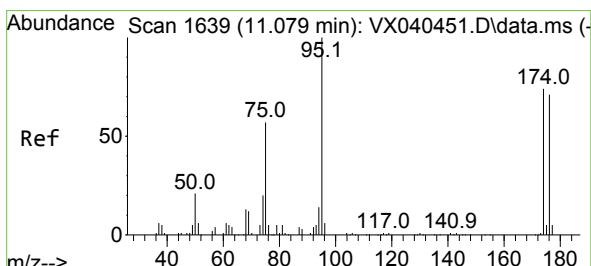
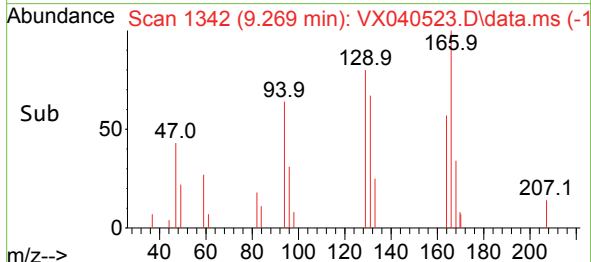
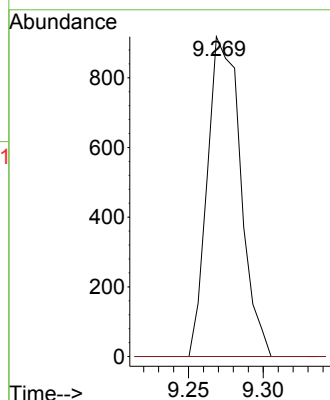
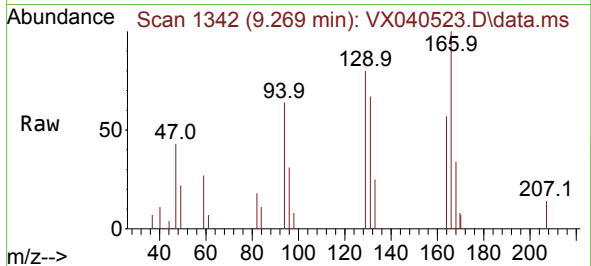




#60
Dibromochloromethane
Concen: 1.351 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

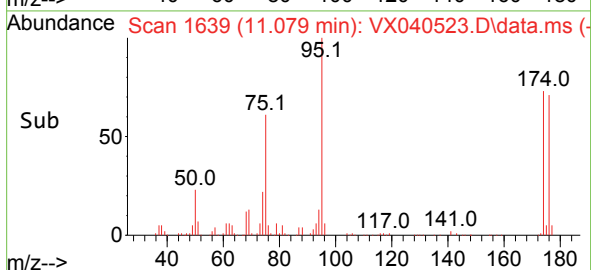
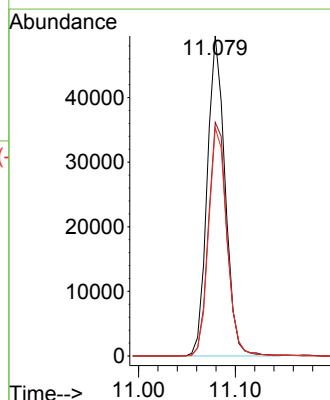
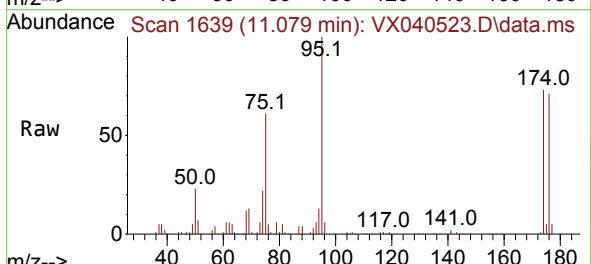
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20240226

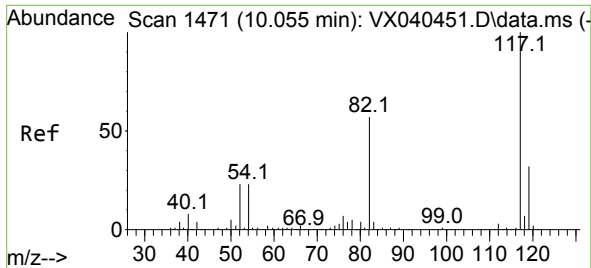
Tgt Ion:129 Resp: 1416
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 50.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion: 95 Resp: 63567
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 73.2 0.0 131.0

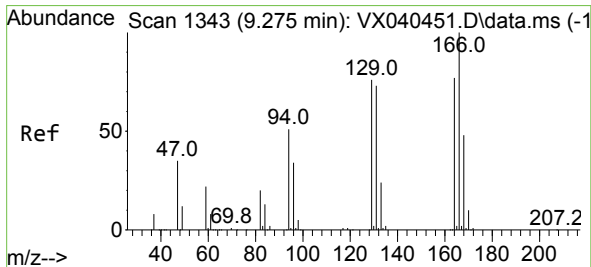
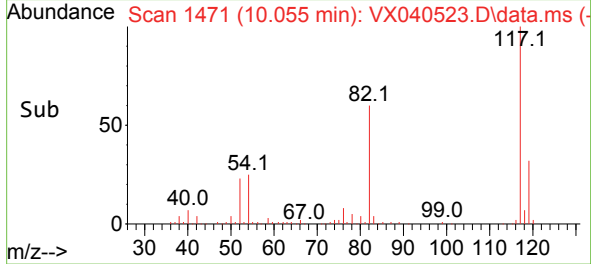
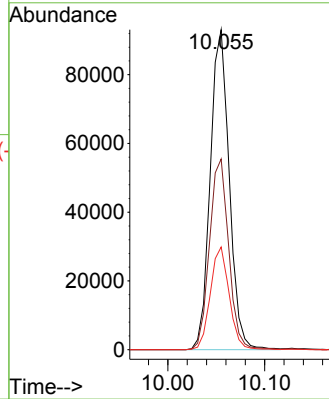
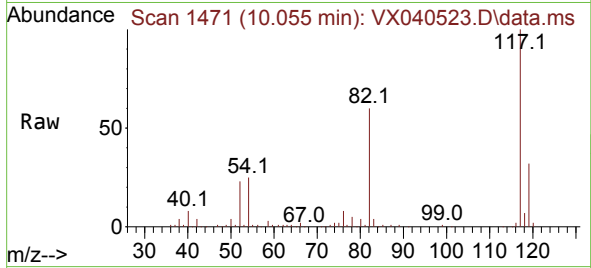




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

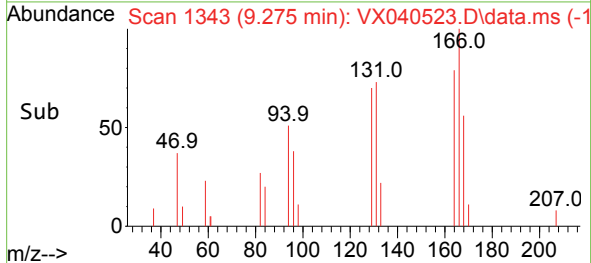
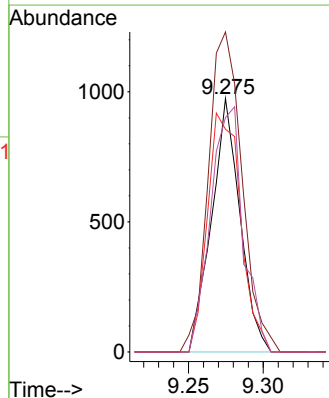
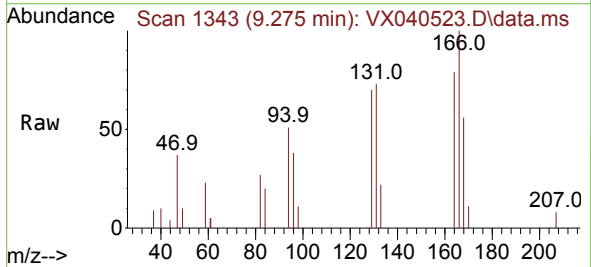
Instrument : MSVOA_X
ClientSampleId : GM38-RW3-MW1-20240226

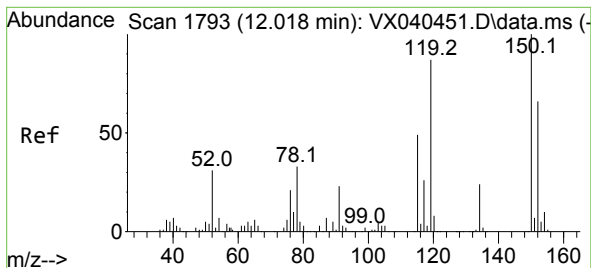
Tgt Ion:	117	Resp:	126910
Ion	Ratio	Lower	Upper
117	100		
82	59.6	46.2	69.4
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 1.449 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040523.D
Acq: 28 Feb 2024 19:52

Tgt Ion:	164	Resp:	1291
Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.7	154.1
129	87.9	80.4	120.6
131	92.5	76.5	114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040523.D

Acq: 28 Feb 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20240226

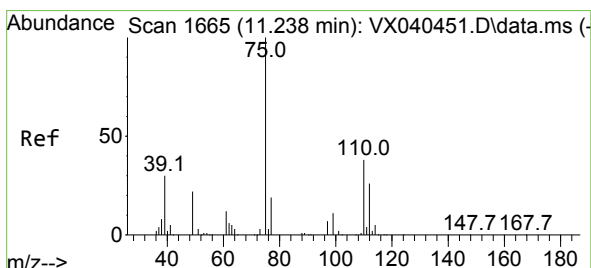
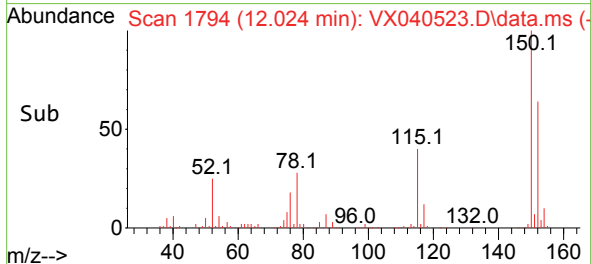
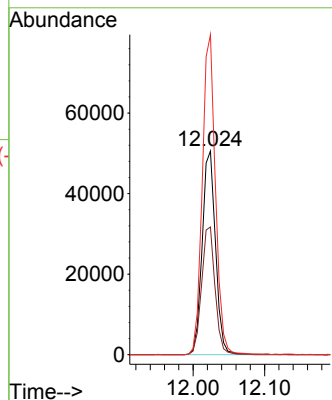
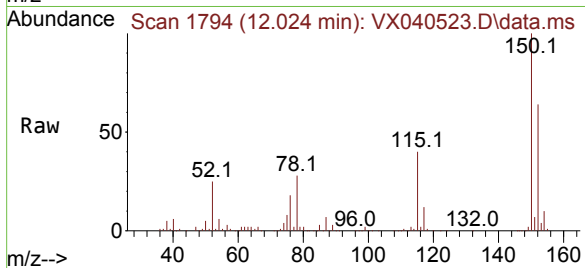
Tgt Ion:152 Resp: 65670

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 154.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.501 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040523.D

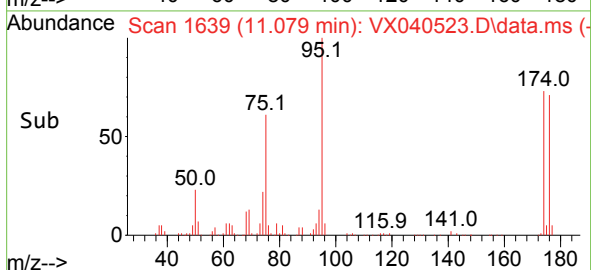
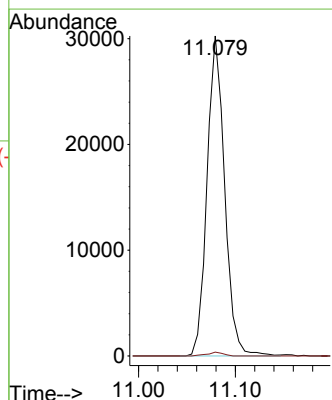
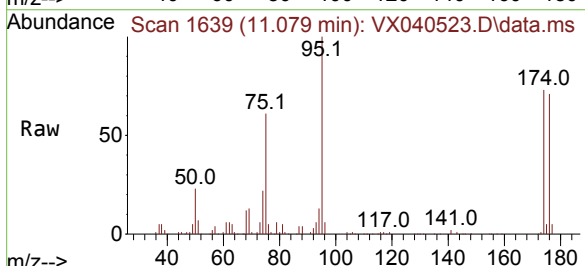
Acq: 28 Feb 2024 19:52

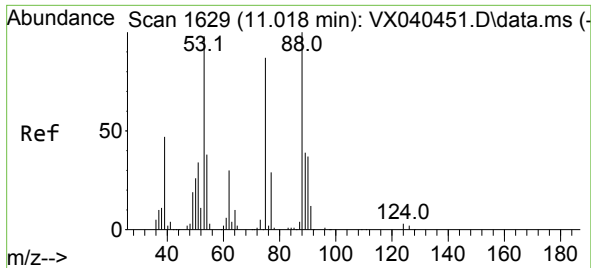
Tgt Ion: 75 Resp: 38301

Ion Ratio Lower Upper

75 100

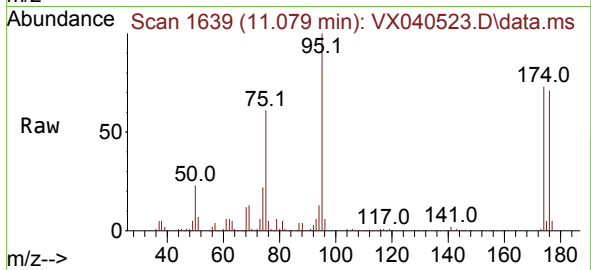
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.018 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040523.D
 Acq: 28 Feb 2024 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20240226



Tgt Ion: 75 Resp: 38301
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

