

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038905.D
 Acq On : 18 Nov 2023 03:35
 Operator : JC/MD
 Sample : 05404-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20231109

Quant Time: Nov 18 05:07:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

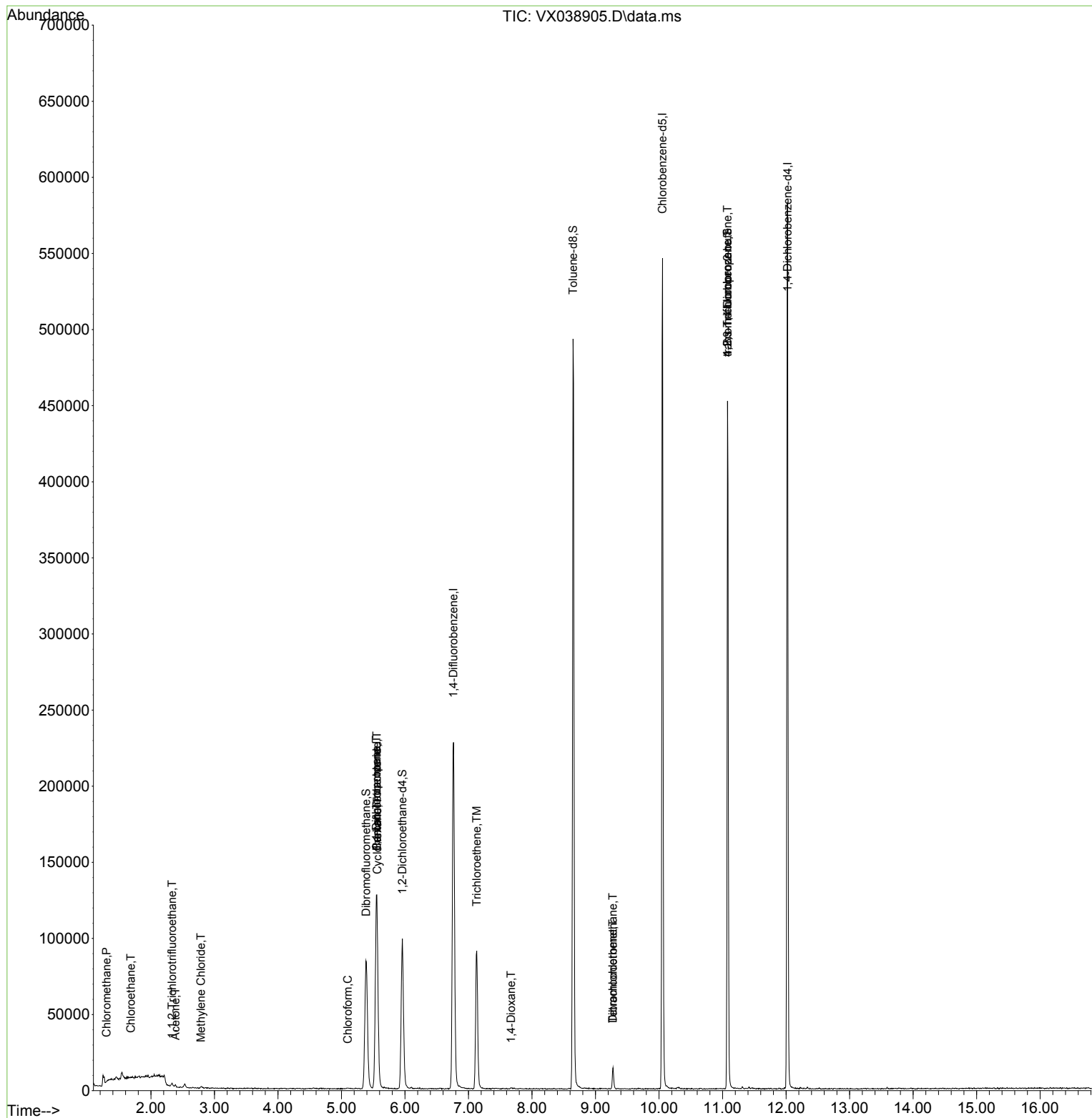
Internal Standards						
1) Pentafluorobenzene	5.556	168	117572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87944	46.421	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.840%		
35) Dibromofluoromethane	5.385	113	75352	44.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.460%		
50) Toluene-d8	8.647	98	296299	45.461	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.920%#		
62) 4-Bromofluorobenzene	11.079	95	125300	48.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	359	0.200	ug/l #	43
6) Chloroethane	1.685	64	293	0.298	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	694	0.478	ug/l #	89
16) Acetone	2.386	43	1502	1.489	ug/l #	84
20) Methylene Chloride	2.788	84	638	0.351	ug/l #	84
30) Chloroform	5.099	83	605	0.206	ug/l #	74
31) Cyclohexane	5.562	56	3233	1.195	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	10689	4.378	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12730	5.641	ug/l #	14
44) Trichloroethene	7.129	130	35183	20.016	ug/l	97
49) 1,4-Dioxane	7.671	88	396	8.299	ug/l #	86
60) Dibromochloromethane	9.275	129	2470	1.299	ug/l #	11
64) Tetrachloroethene	9.275	164	2346	1.571	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	64629	22.371	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64629	49.622	ug/l #	5

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

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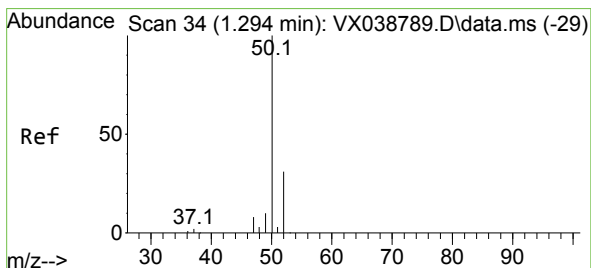
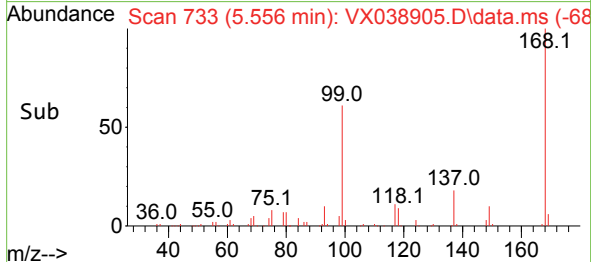
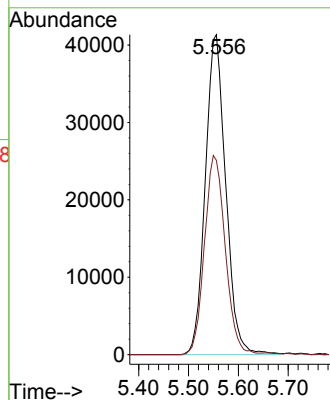
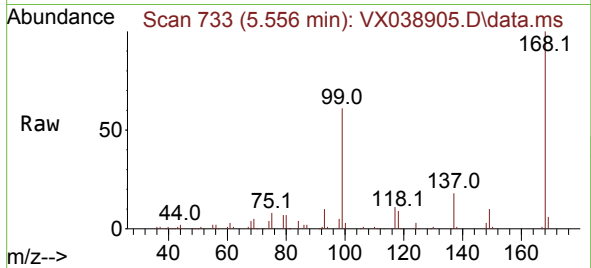




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

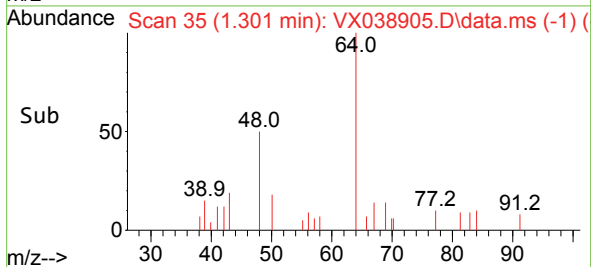
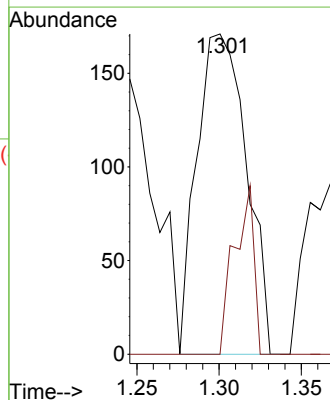
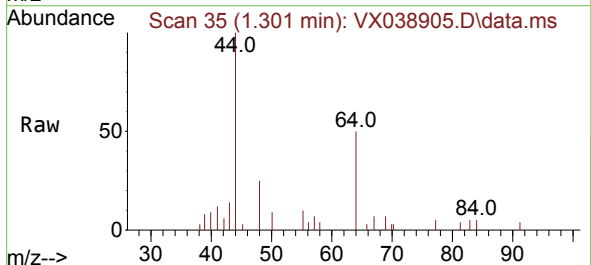
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

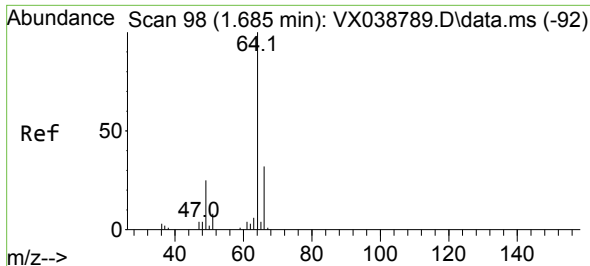
Tgt Ion:168 Resp: 117572
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

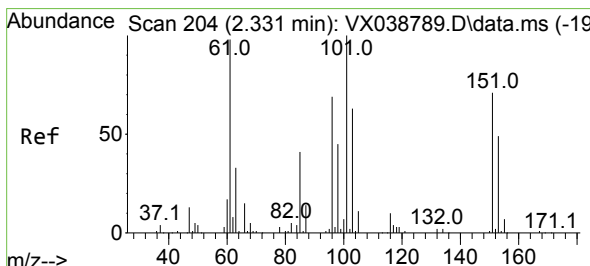
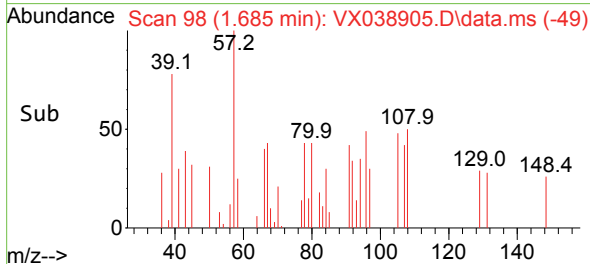
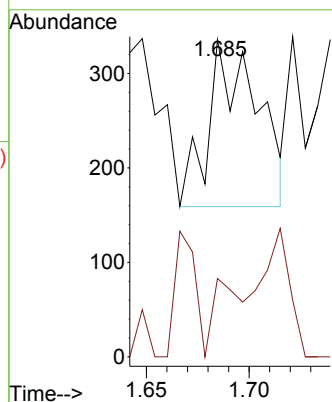
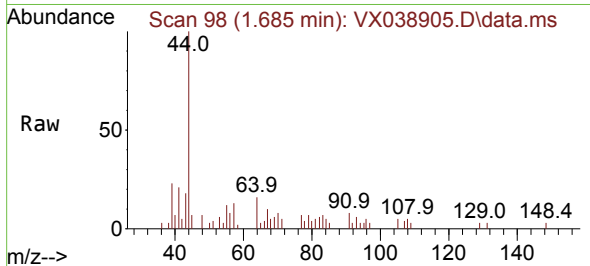




#6
Chloroethane
Concen: 0.298 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

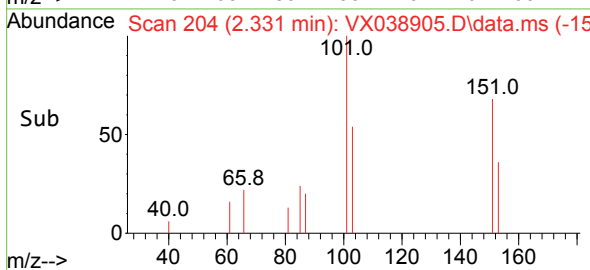
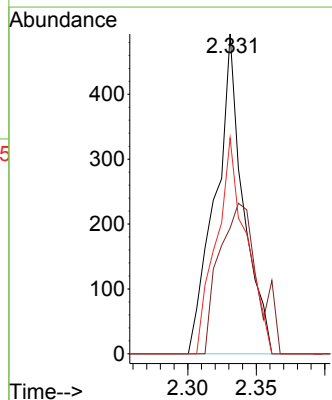
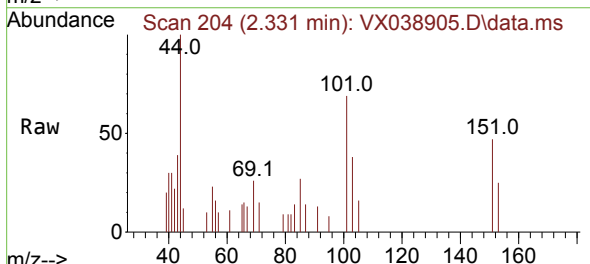
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

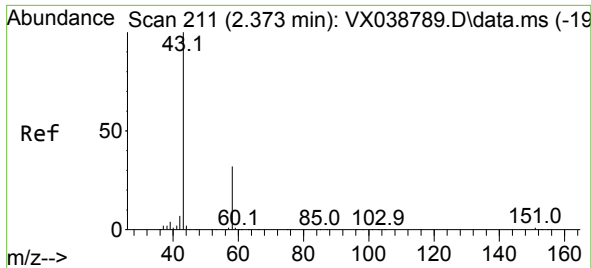
Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.478 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion: 101 Resp: 694
Ion Ratio Lower Upper
101 100
85 65.1 37.0 55.6#
151 72.6 58.6 87.8





#16

Acetone

Concen: 1.489 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.012 min

Lab File: VX038905.D

Acq: 18 Nov 2023 03:35

Instrument :

MSVOA_X

ClientSampleId :

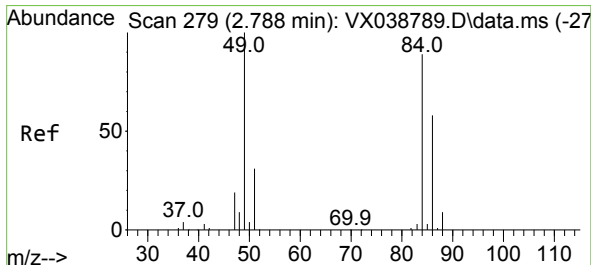
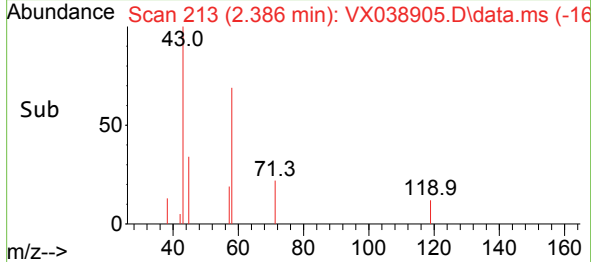
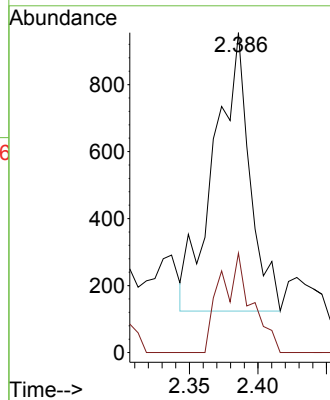
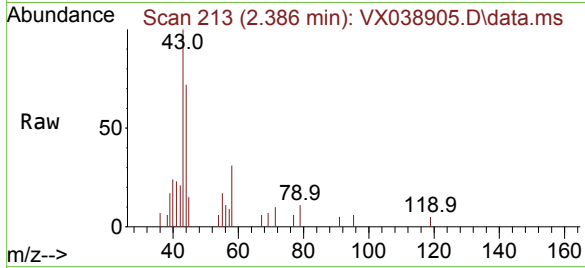
GM38-RW3-MW1-20231109

Tgt Ion: 43 Resp: 1502

Ion Ratio Lower Upper

43 100

58 35.7 21.9 32.9#



#20

Methylene Chloride

Concen: 0.351 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038905.D

Acq: 18 Nov 2023 03:35

Tgt Ion: 84 Resp: 638

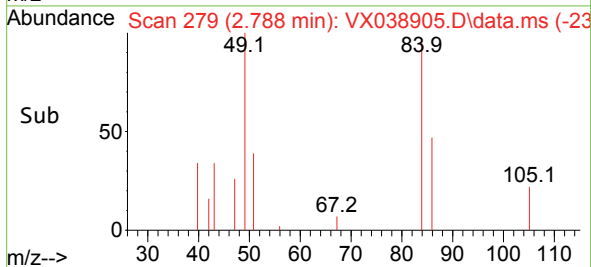
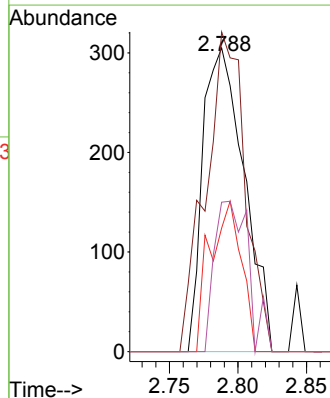
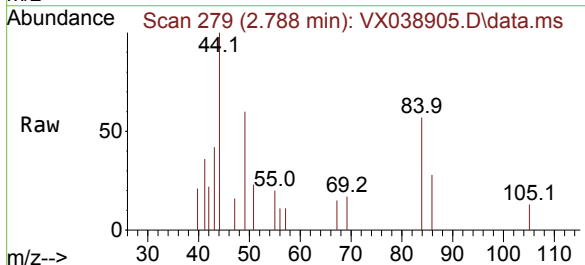
Ion Ratio Lower Upper

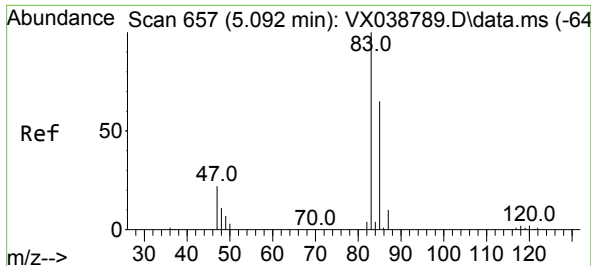
84 100

49 105.2 103.6 155.4

51 40.7 33.8 50.6

86 49.2 49.4 74.0#





#30

Chloroform

Concen: 0.206 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX038905.D

Acq: 18 Nov 2023 03:35

Instrument :

MSVOA_X

ClientSampleId :

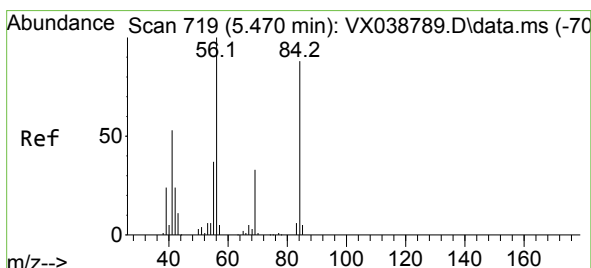
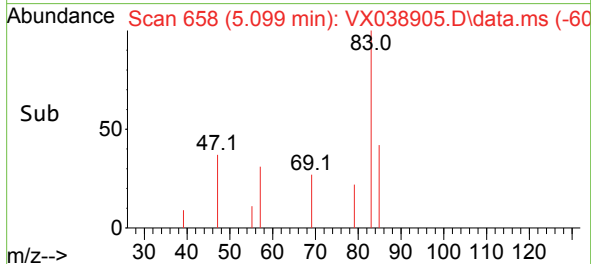
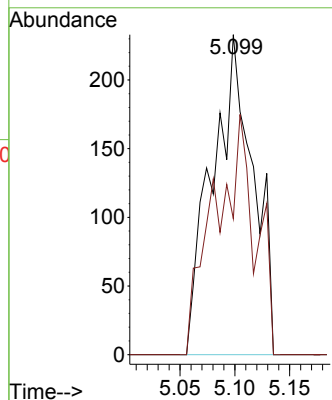
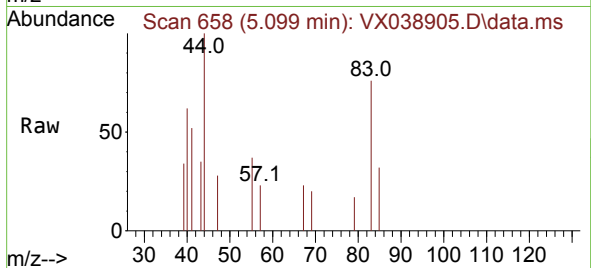
GM38-RW3-MW1-20231109

Tgt Ion: 83 Resp: 605

Ion Ratio Lower Upper

83 100

85 42.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.195 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX038905.D

Acq: 18 Nov 2023 03:35

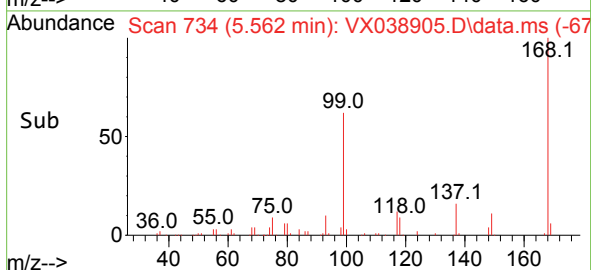
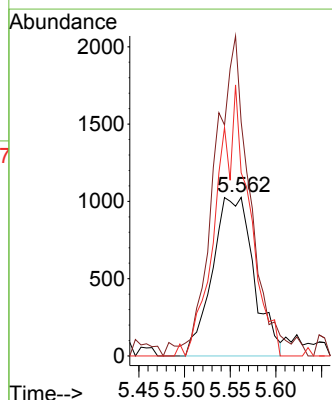
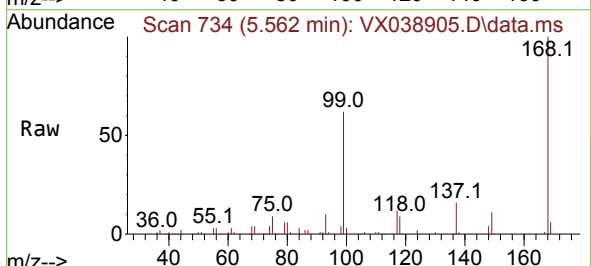
Tgt Ion: 56 Resp: 3233

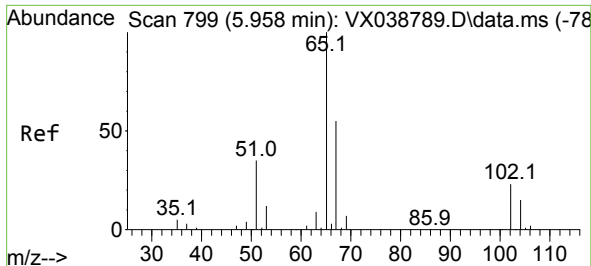
Ion Ratio Lower Upper

56 100

69 141.4 23.4 35.2#

84 115.5 65.9 98.9#

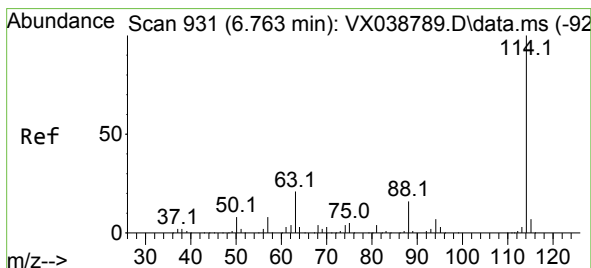
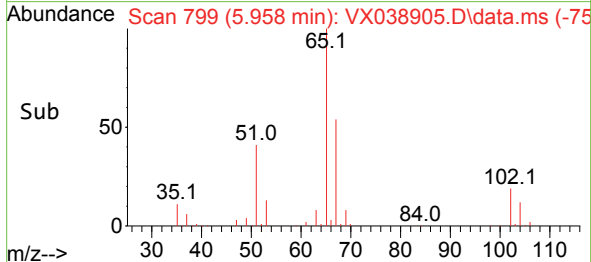
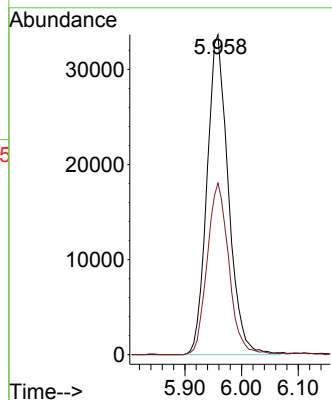
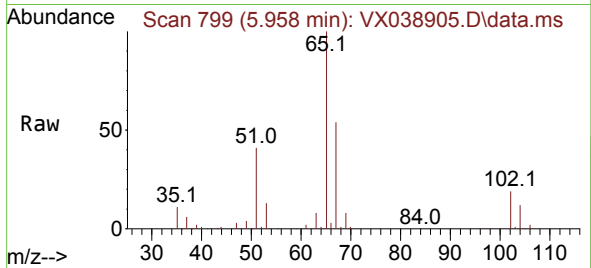




#33
 1,2-Dichloroethane-d4
 Concen: 46.421 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038905.D
 Acq: 18 Nov 2023 03:35

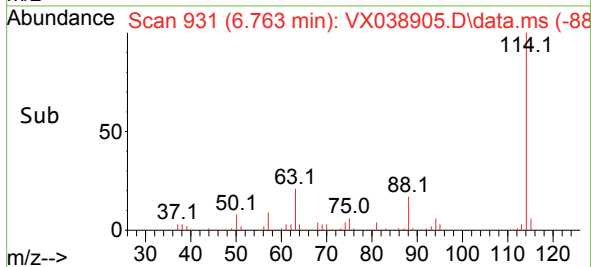
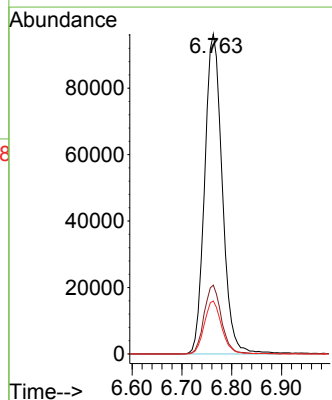
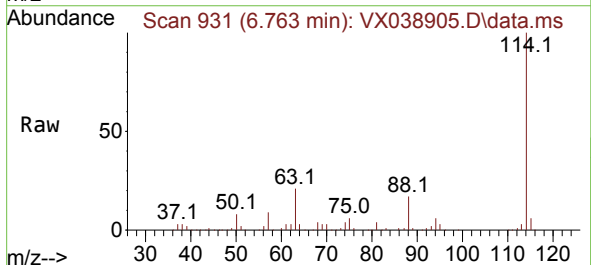
Instrument :
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 GM38-RW3-MW1-20231109

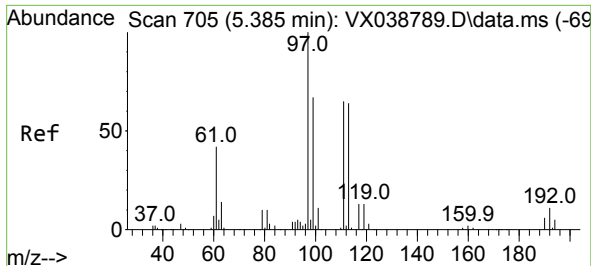
Tgt Ion: 65 Resp: 87944
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038905.D
 Acq: 18 Nov 2023 03:35

Tgt Ion: 114 Resp: 235869
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.234 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038905.D

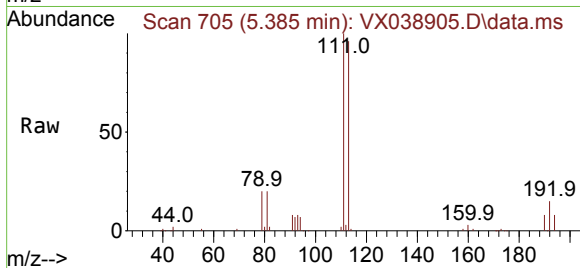
Acq: 18 Nov 2023 03:35

Instrument :

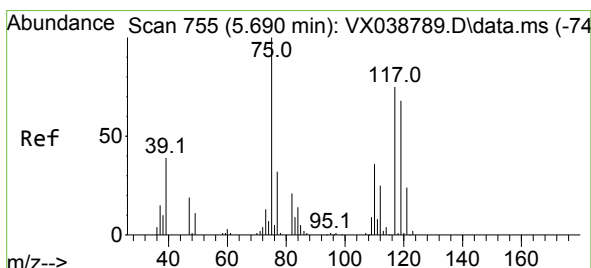
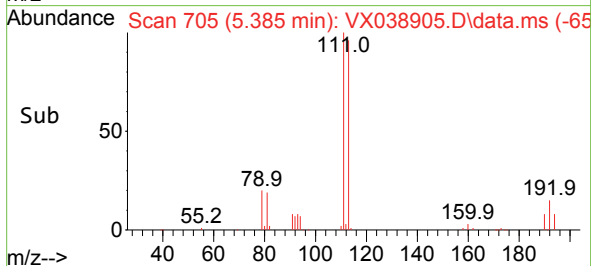
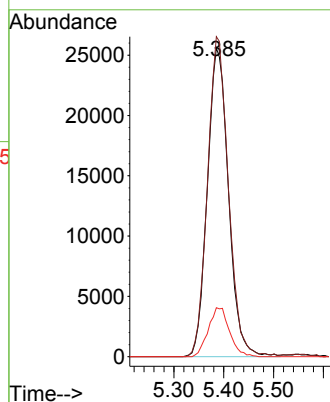
MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20231109



Tgt Ion:	113	Resp:	75352
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	15.9	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.378 ug/l

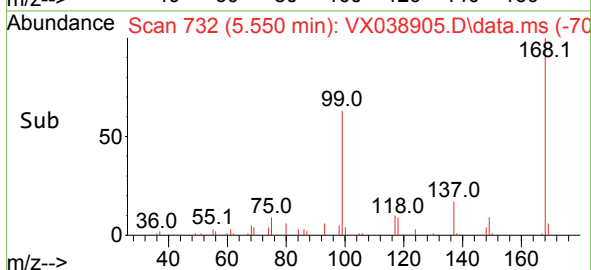
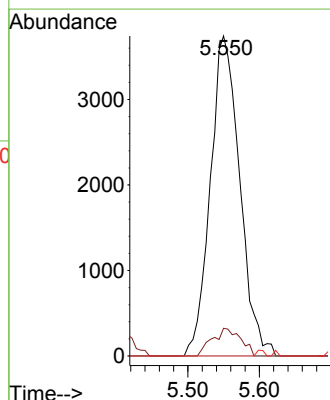
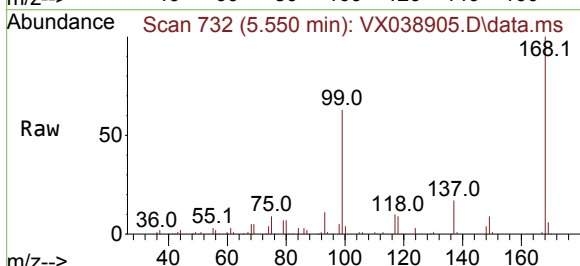
RT: 5.550 min Scan# 732

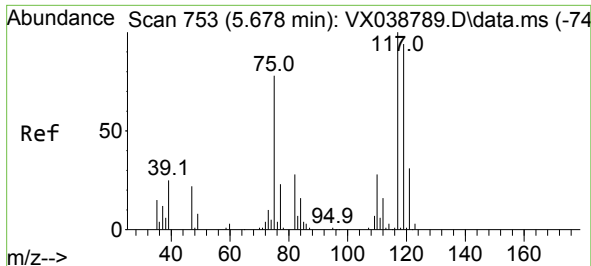
Delta R.T. -0.140 min

Lab File: VX038905.D

Acq: 18 Nov 2023 03:35

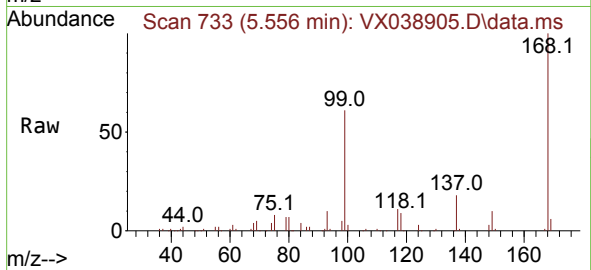
Tgt Ion:	75	Resp:	10689
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.0	50.9#
77	0.0	24.7	37.1#



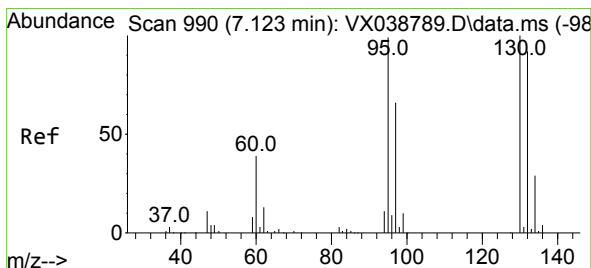
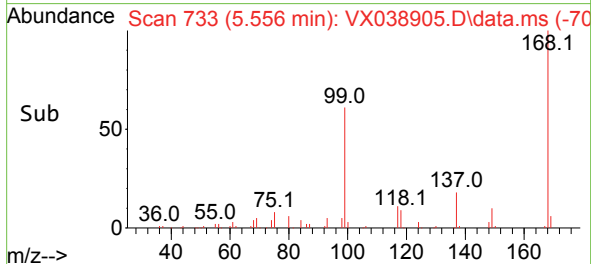
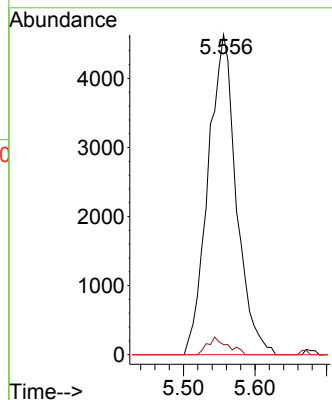


#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

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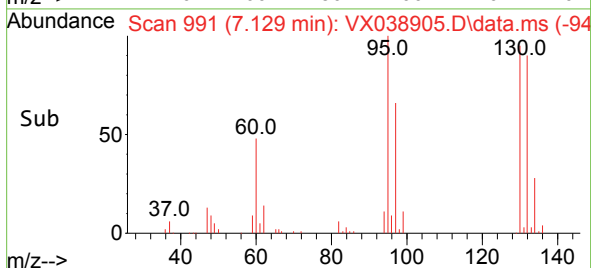
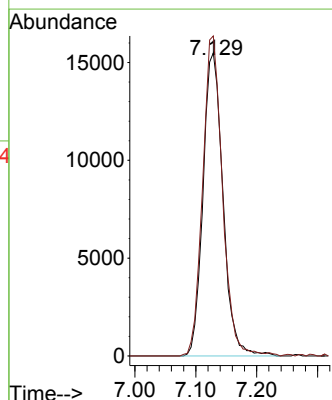
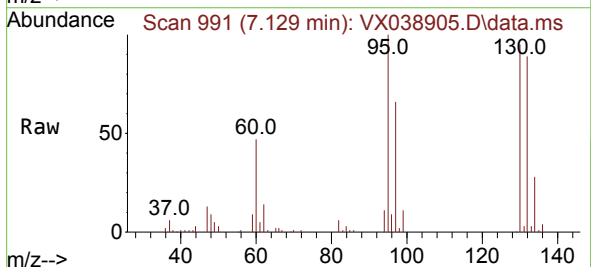


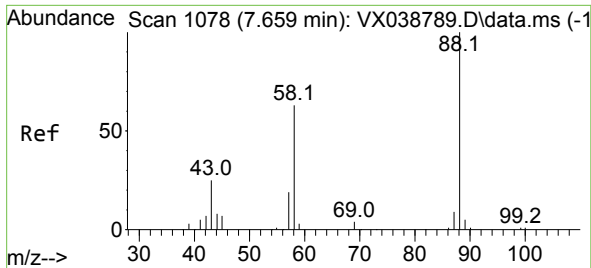
Tgt Ion:117 Resp: 12730
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 20.016 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion:130 Resp: 35183
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.4

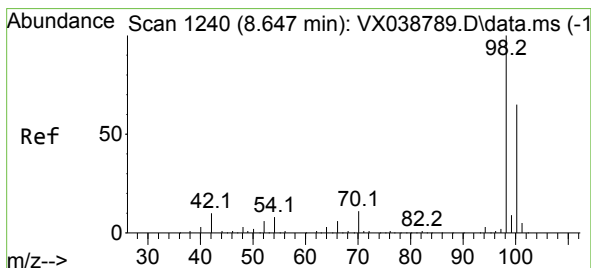
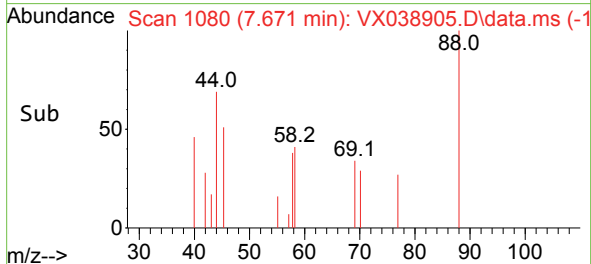
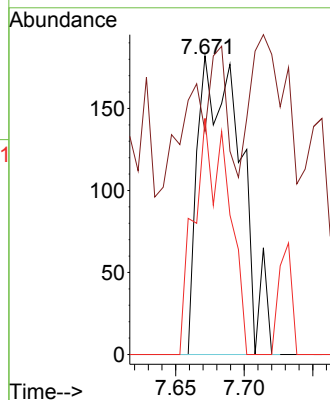
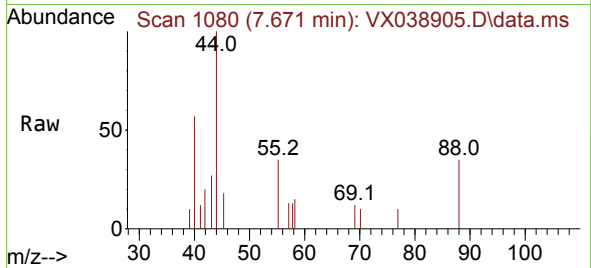




#49
1,4-Dioxane
Concen: 8.299 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

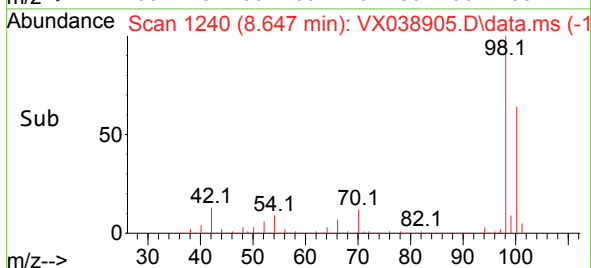
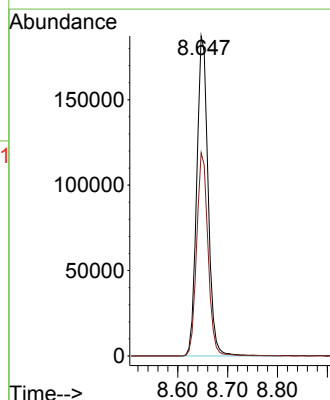
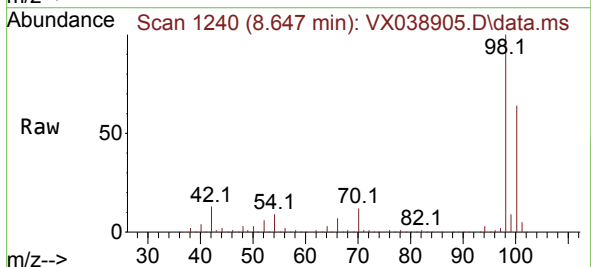
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

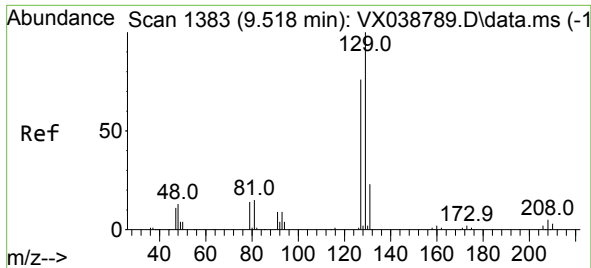
Tgt Ion: 88 Resp: 396
Ion Ratio Lower Upper
88 100
43 50.5 0.0 0.0#
58 63.1 60.1 90.1



#50
Toluene-d8
Concen: 45.461 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion: 98 Resp: 296299
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

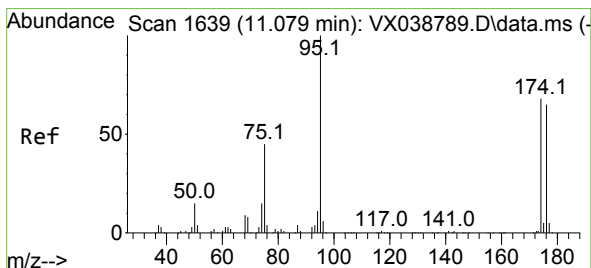
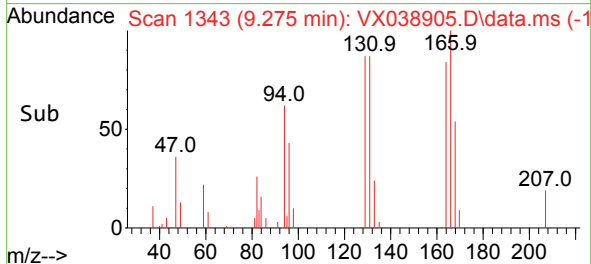
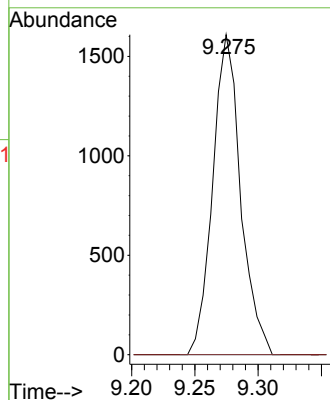
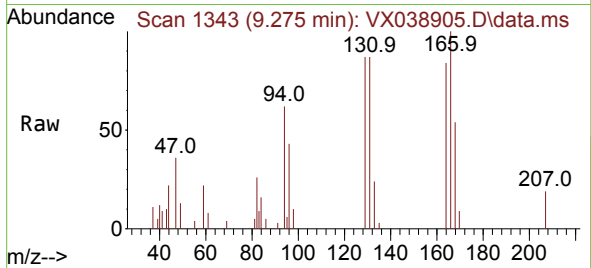




#60
Dibromochloromethane
Concen: 1.299 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

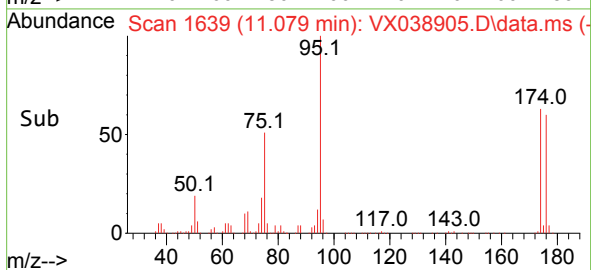
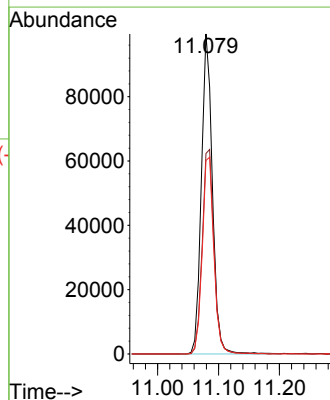
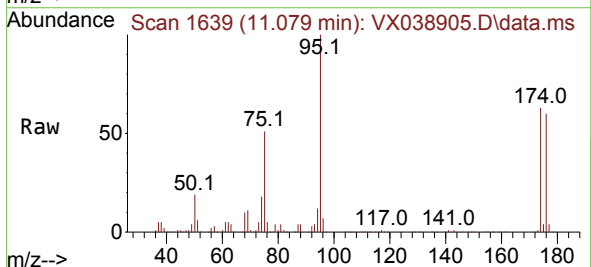
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

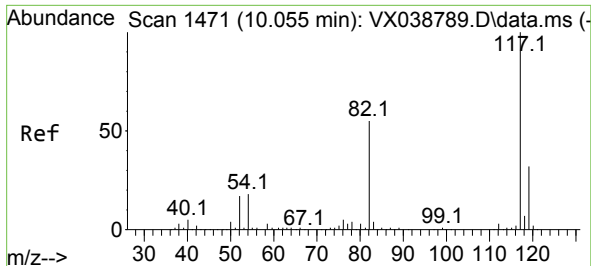
Tgt Ion:129 Resp: 2470
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion: 95 Resp: 125300
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 64.5 0.0 131.0

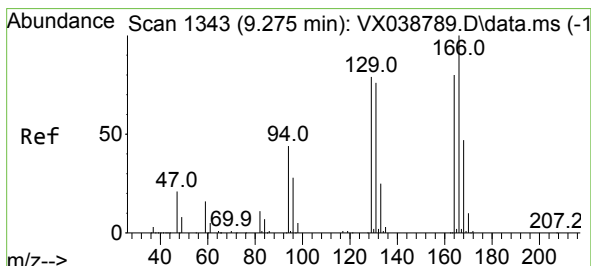
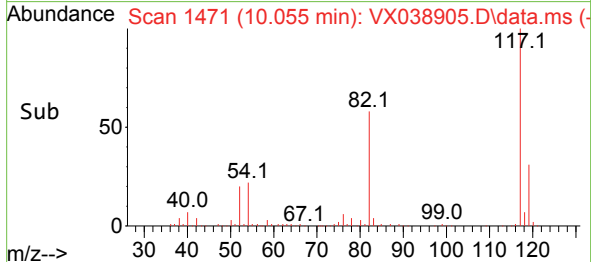
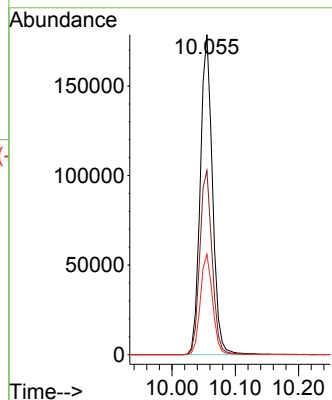
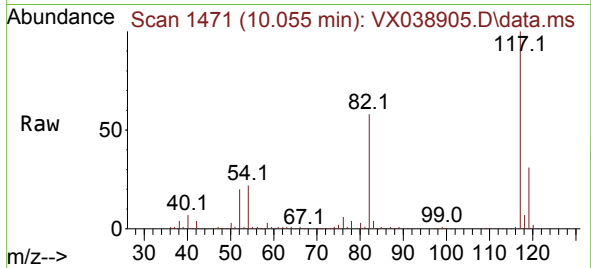




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

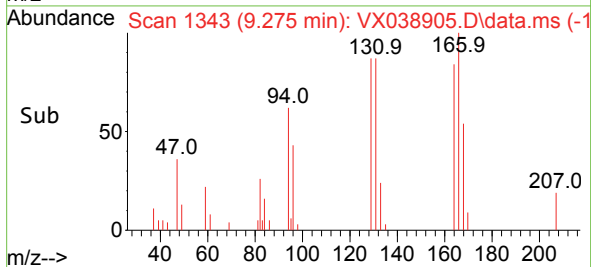
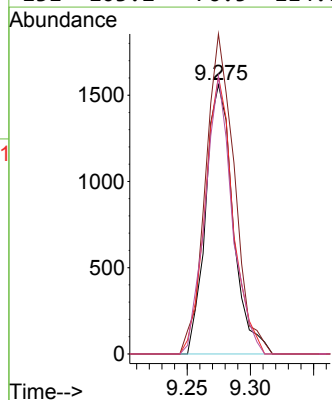
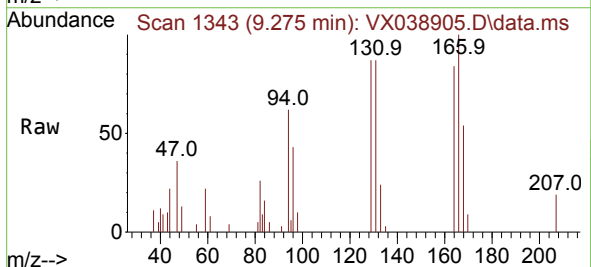
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

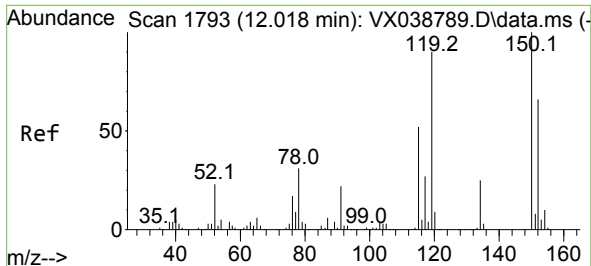
Tgt Ion:117 Resp: 240242
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 1.571 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion:164 Resp: 2346
Ion Ratio Lower Upper
164 100
166 118.9 102.7 154.1
129 103.1 80.4 120.6
131 103.2 76.5 114.7

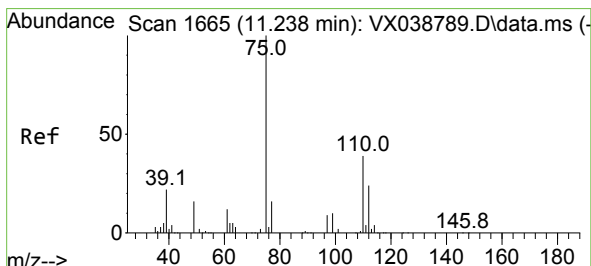
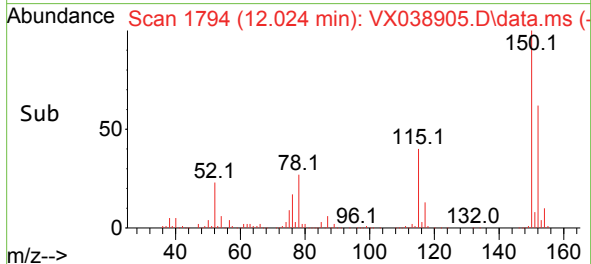
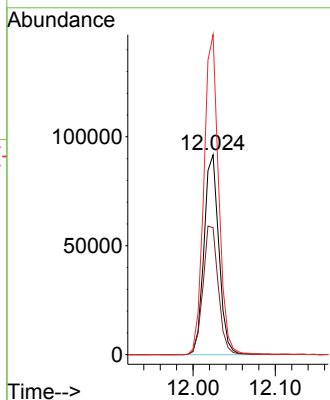
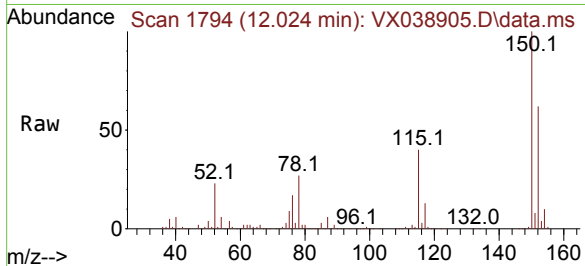




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

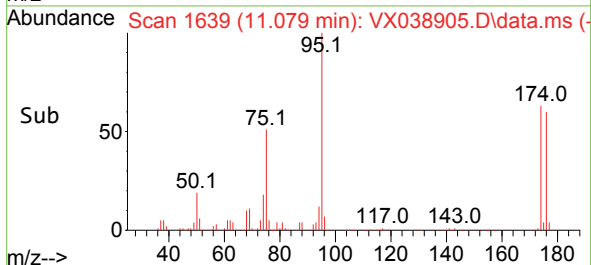
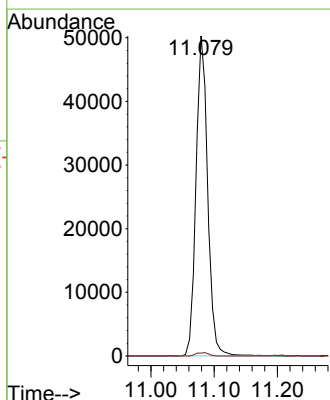
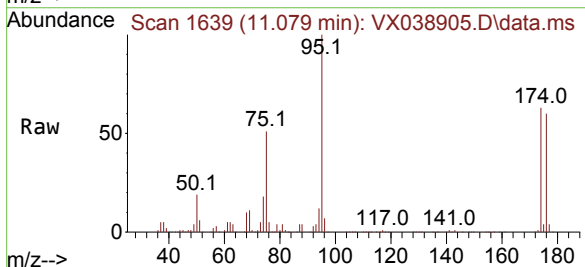
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

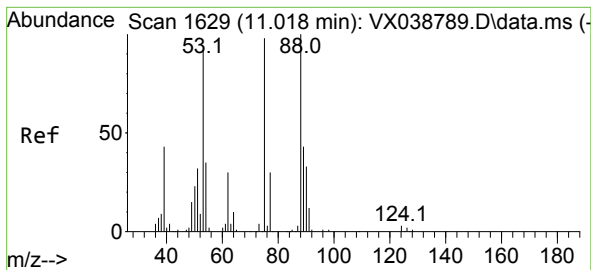
Tgt Ion:152 Resp: 115790
Ion Ratio Lower Upper
152 100
115 66.3 43.3 129.9
150 158.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion: 75 Resp: 64629
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.622 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038905.D
 Acq: 18 Nov 2023 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20231109

Tgt Ion: 75 Resp: 64629
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.2 36.9 55.3#

