

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037251.D
 Acq On : 25 Aug 2023 06:24
 Operator : JC/MD
 Sample : 04095-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20230818

Quant Time: Aug 25 07:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

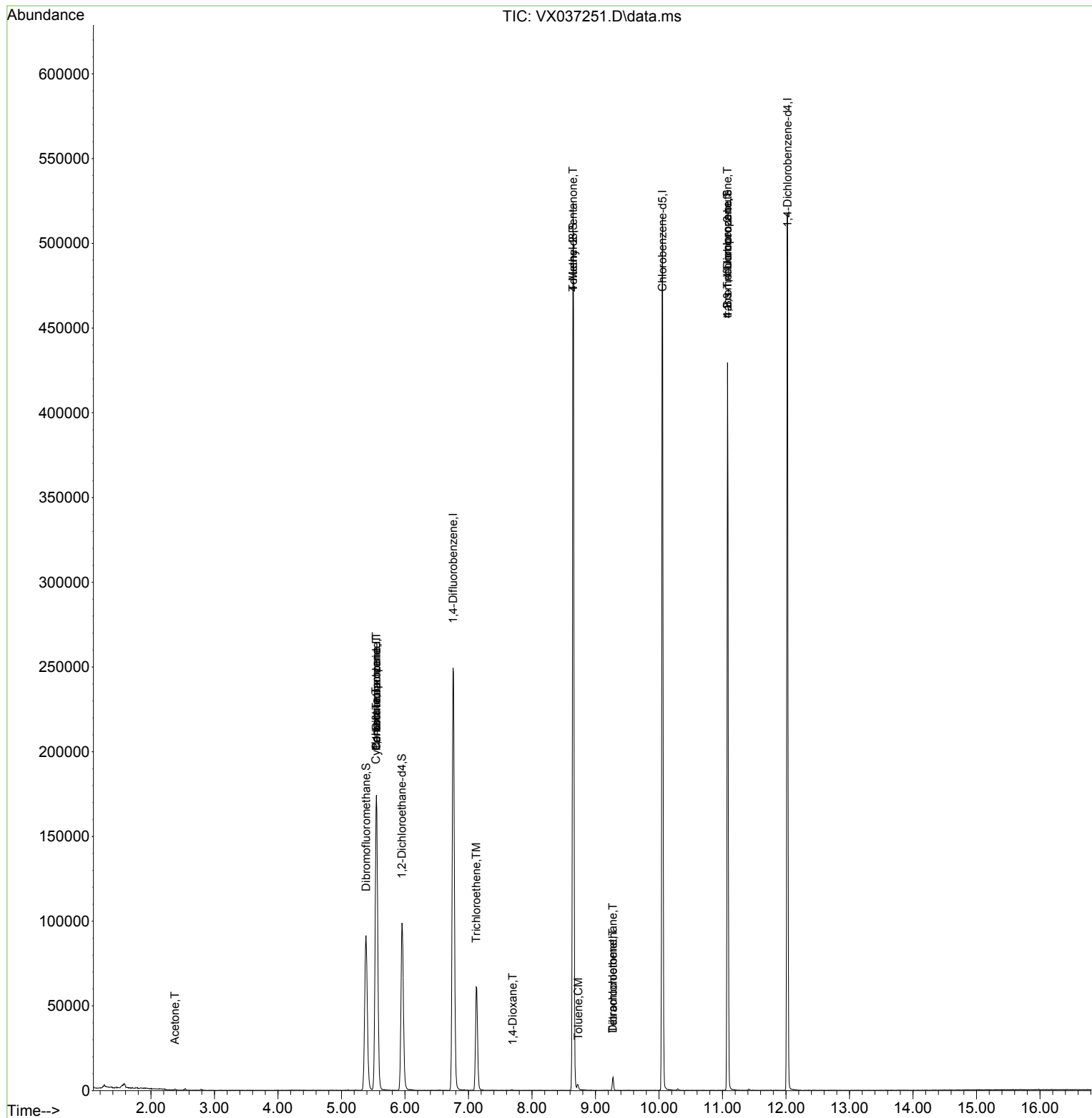
Internal Standards						
1) Pentafluorobenzene	5.550	168	161894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100335	42.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.980%		
35) Dibromofluoromethane	5.385	113	82086	46.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.300%		
50) Toluene-d8	8.647	98	310608	48.661	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	116000	46.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.480%		
Target Compounds			Qvalue			
16) Acetone	2.380	43	629	0.689	ug/l #	83
31) Cyclohexane	5.544	56	2971	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12781	5.112	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17434	6.420	ug/l #	15
44) Trichloroethene	7.123	130	25296	12.442	ug/l	99
49) 1,4-Dioxane	7.696	88	229	4.300	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	1151	0.468	ug/l #	1
52) Toluene	8.726	92	1373	0.290	ug/l	97
60) Dibromochloromethane	9.275	129	1322	0.644	ug/l #	11
64) Tetrachloroethene	9.275	164	1448	0.838	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	59395	25.995	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59395	72.605	ug/l #	5

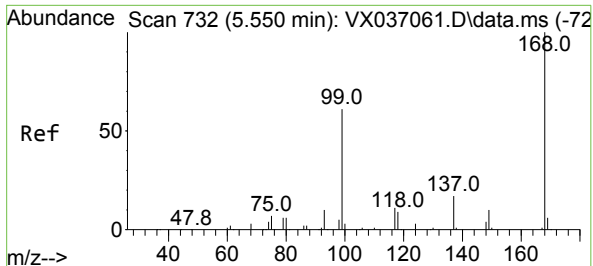
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 25 07:47:14 2023
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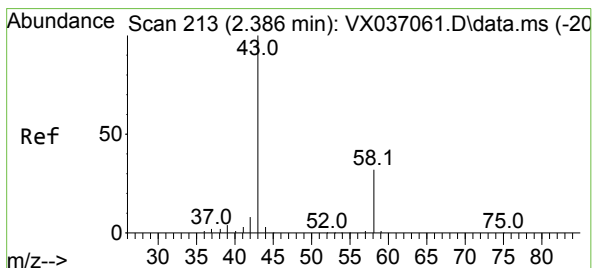
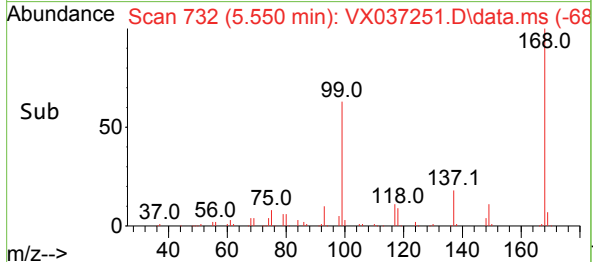
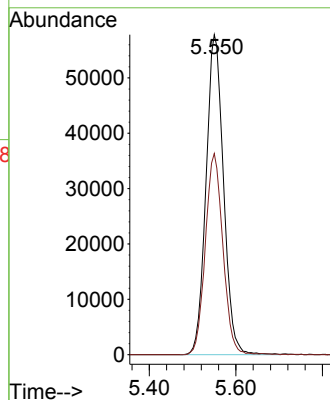
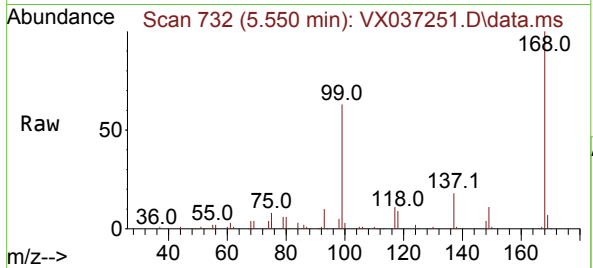




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

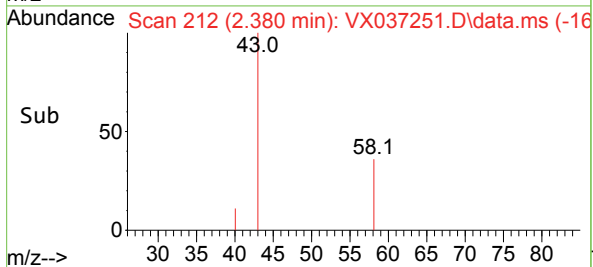
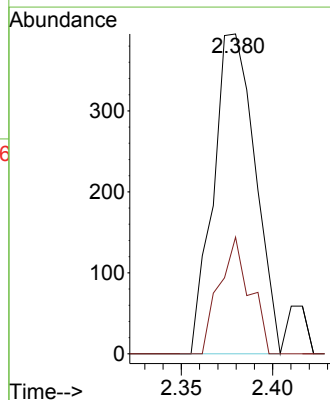
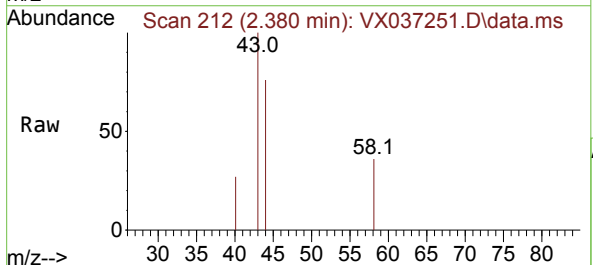
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

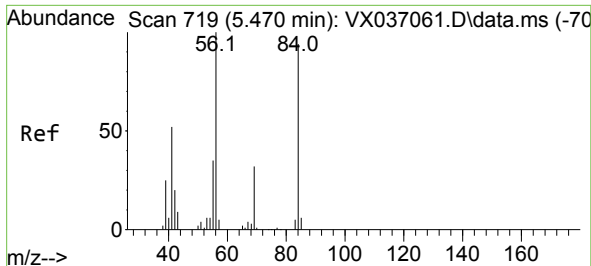
Tgt Ion:168 Resp: 161894
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#16
Acetone
Concen: 0.689 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

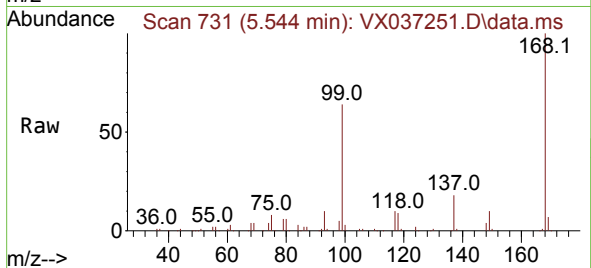
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#



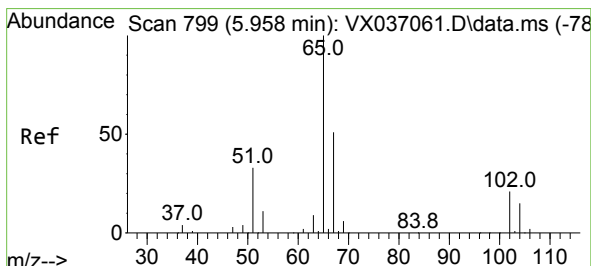
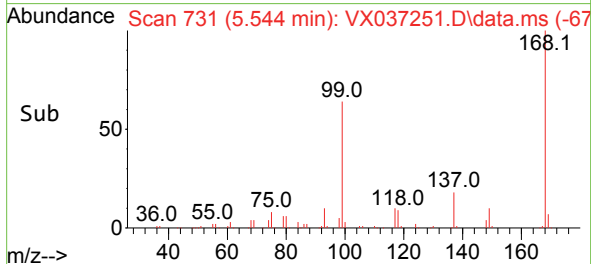
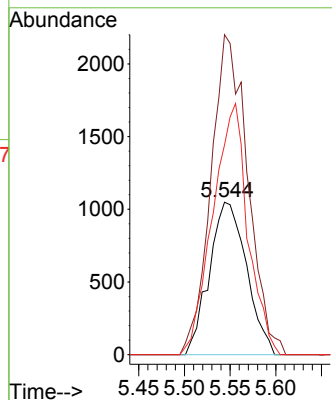


#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

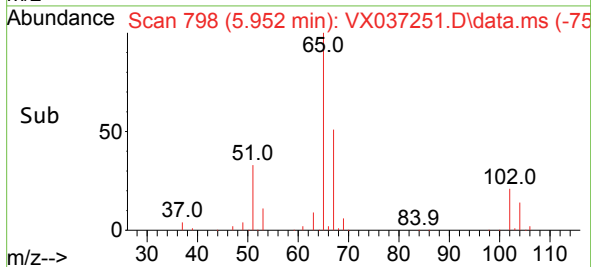
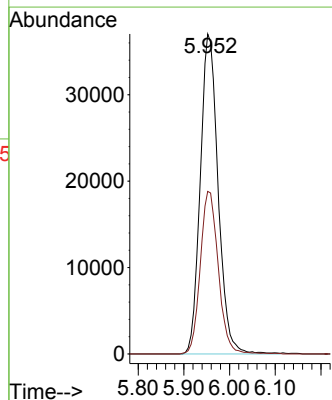
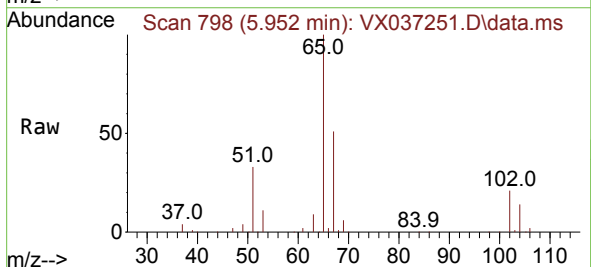


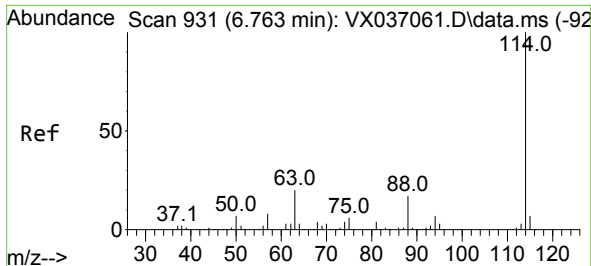
Tgt Ion: 56 Resp: 2971
Ion Ratio Lower Upper
56 100
69 209.8 23.4 35.2#
84 137.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.989 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 65 Resp: 100335
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

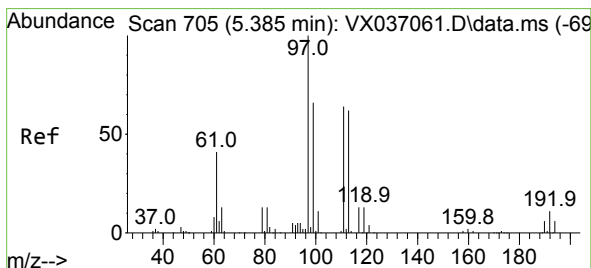
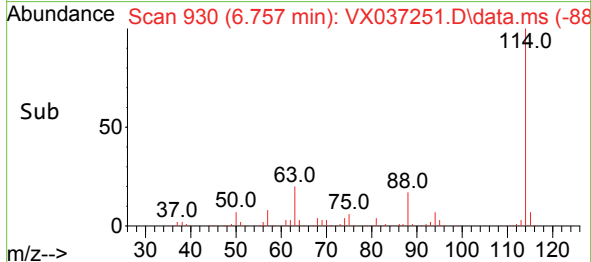
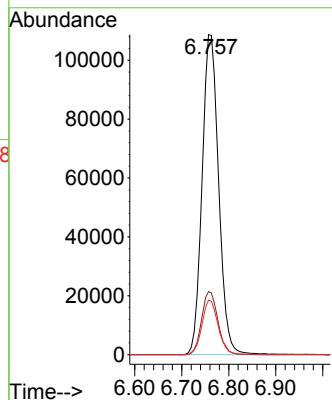
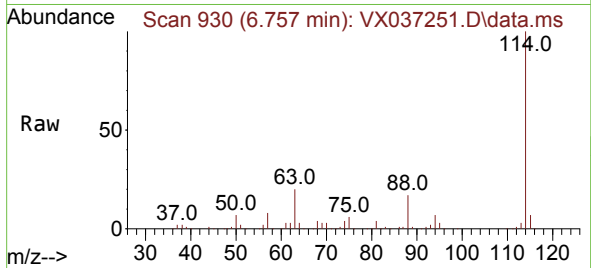




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

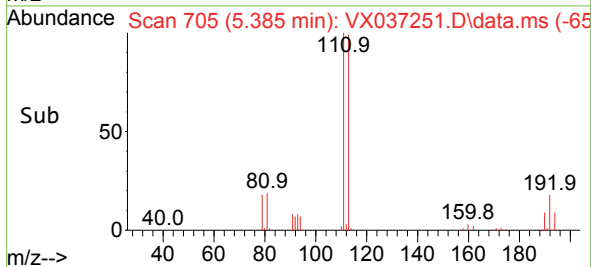
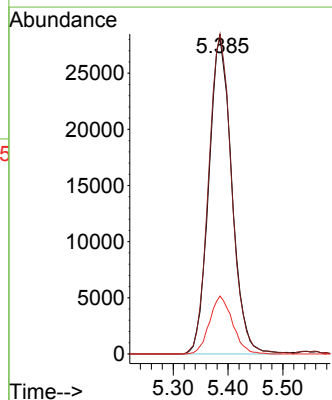
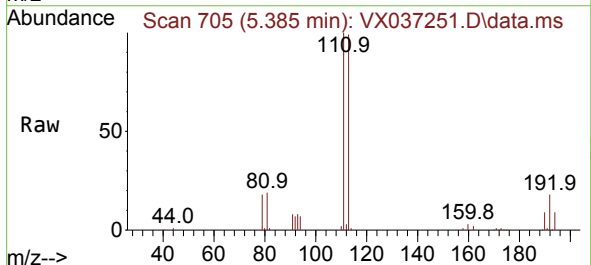
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

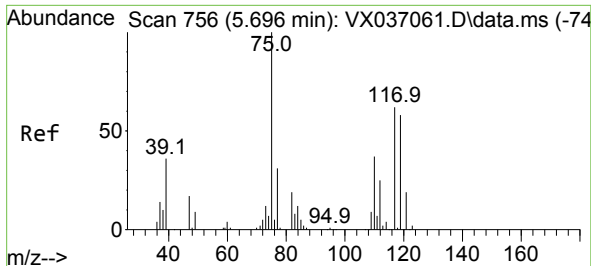
Tgt Ion:114 Resp: 265703
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.648 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion:113 Resp: 82086
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.3 13.3 19.9

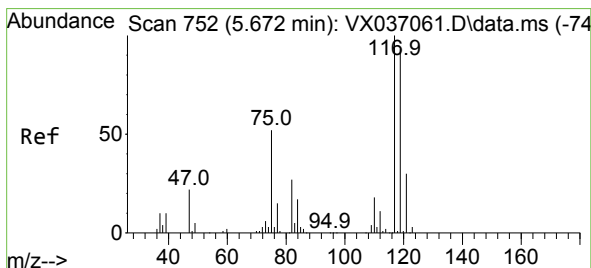
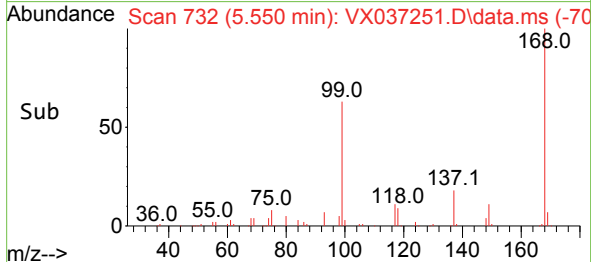
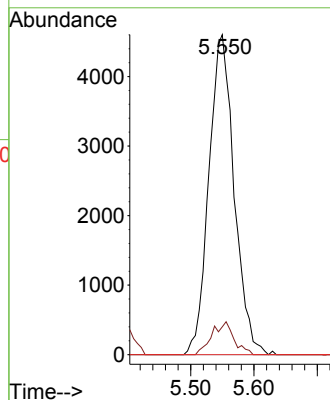
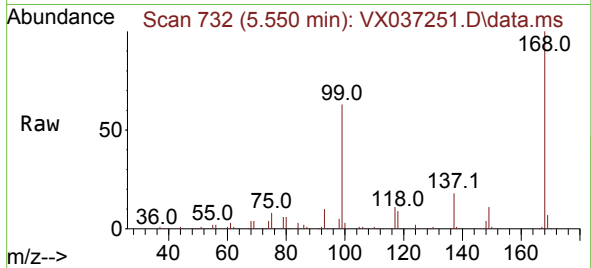




#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

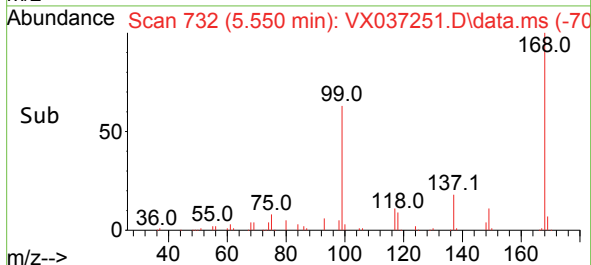
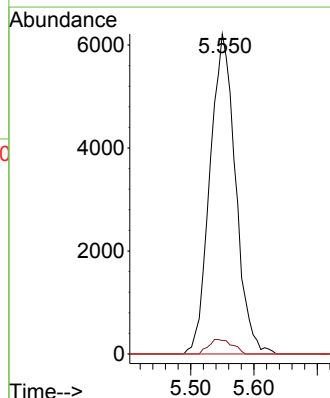
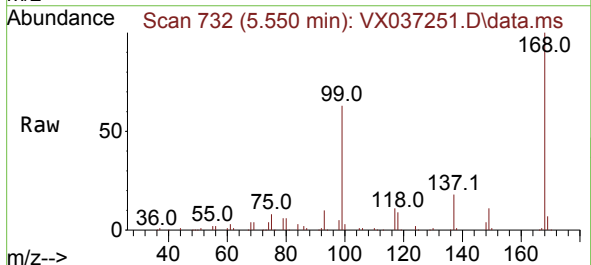
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

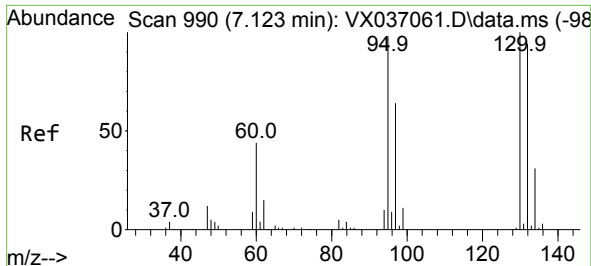
Tgt Ion: 75 Resp: 12781
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 117 Resp: 17434
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

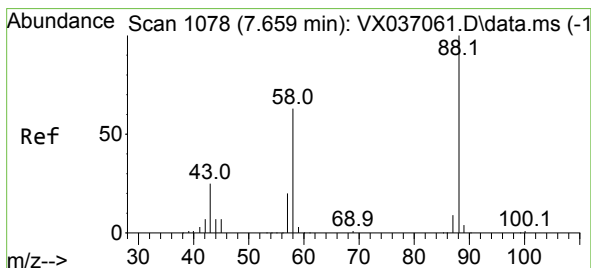
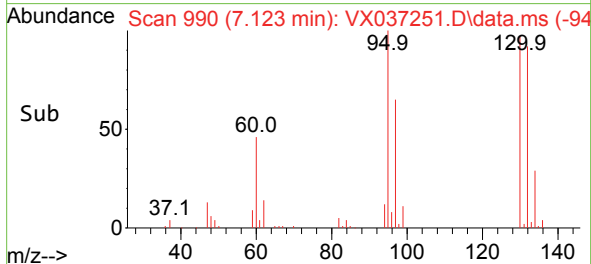
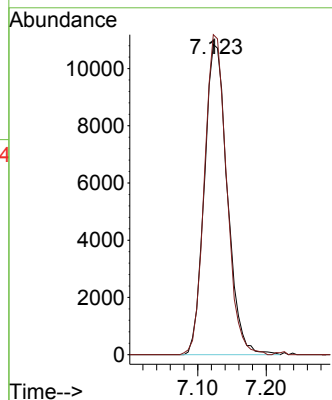
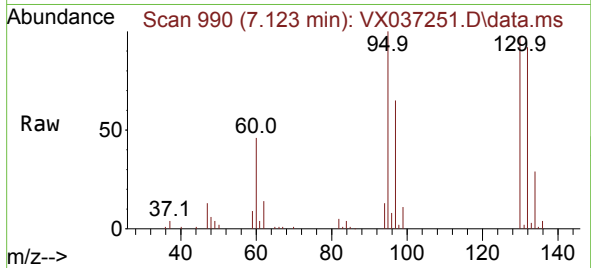




#44
Trichloroethene
Concen: 12.442 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

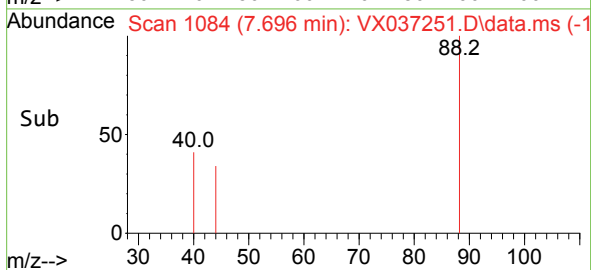
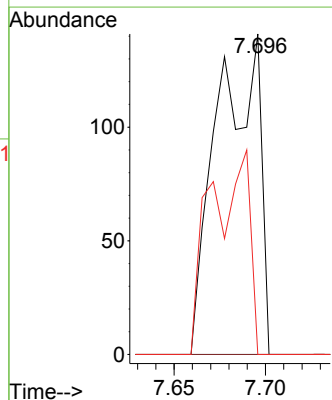
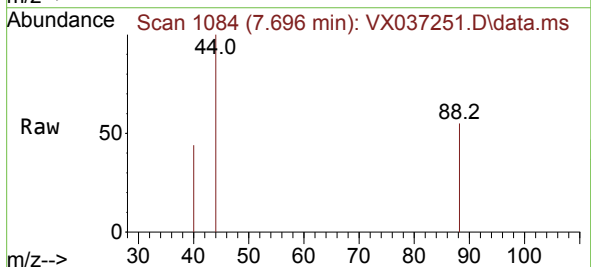
Instrument :
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ClientSampleId :
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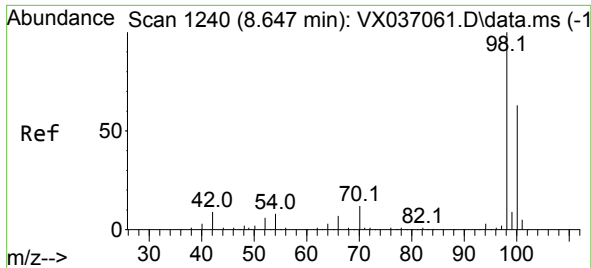
Tgt Ion:130 Resp: 25296
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.4



#49
1,4-Dioxane
Concen: 4.300 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.037 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

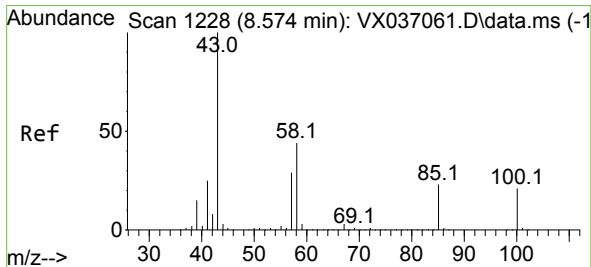
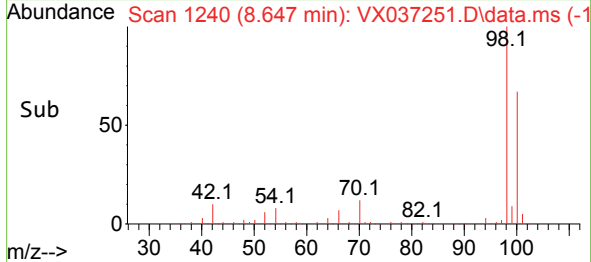
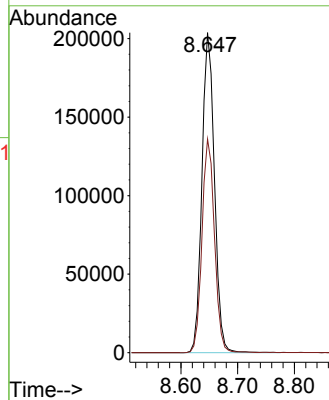
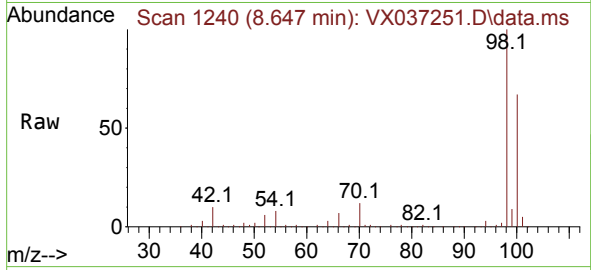




#50
Toluene-d8
Concen: 48.661 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

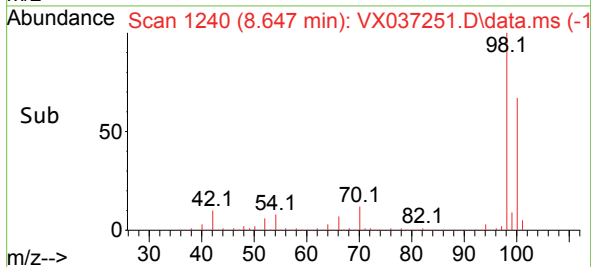
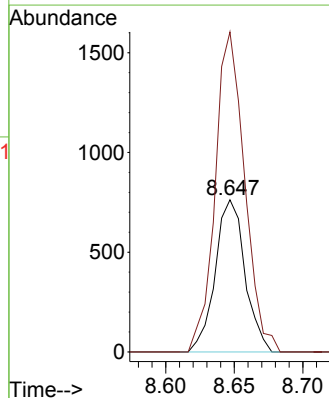
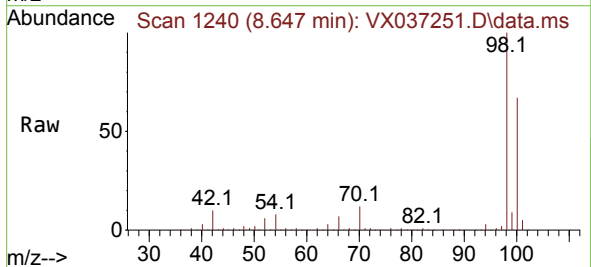
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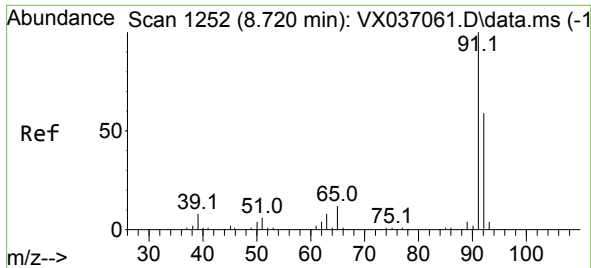
Tgt Ion: 98 Resp: 310608
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 208.3 30.4 45.6#





#52

Toluene

Concen: 0.290 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037251.D

Acq: 25 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

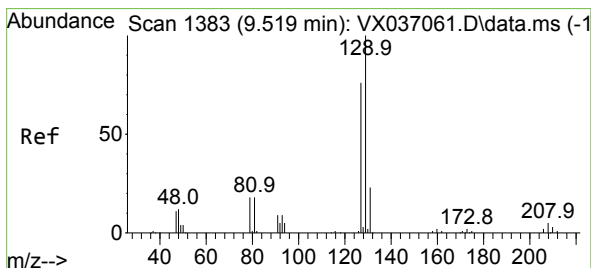
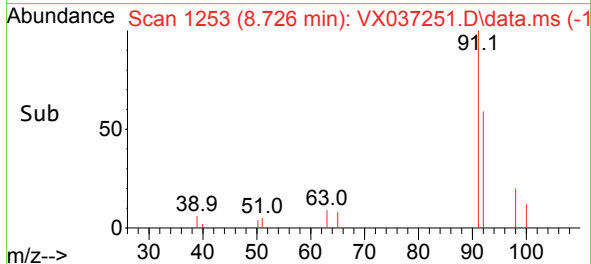
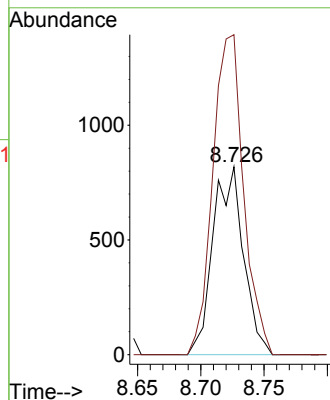
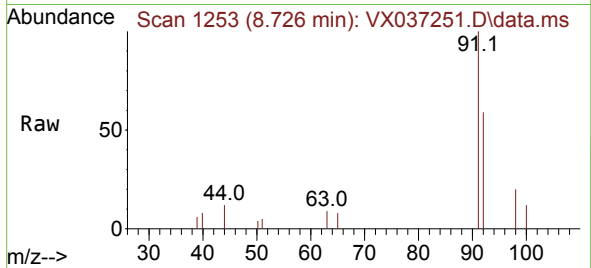
GM38-RW3-MW1-20230818

Tgt Ion: 92 Resp: 1373

Ion Ratio Lower Upper

92 100

91 172.1 134.2 201.2



#60

Dibromochloromethane

Concen: 0.644 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX037251.D

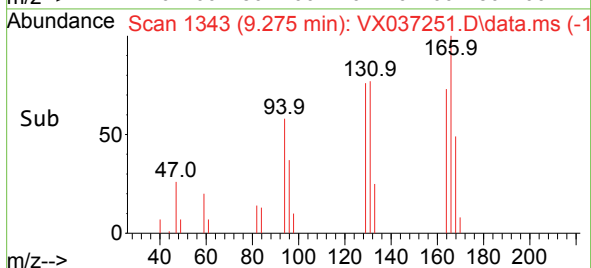
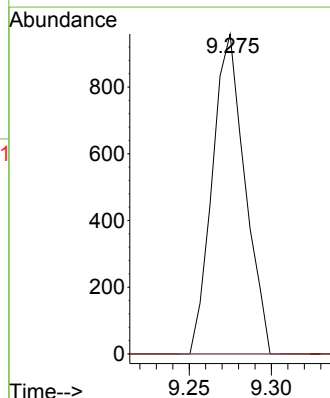
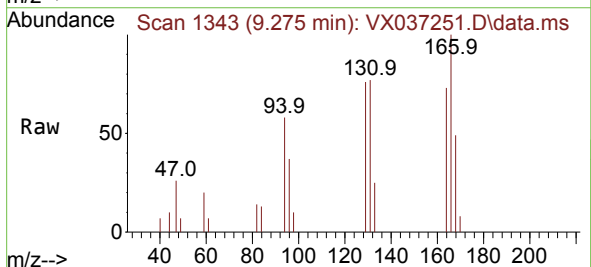
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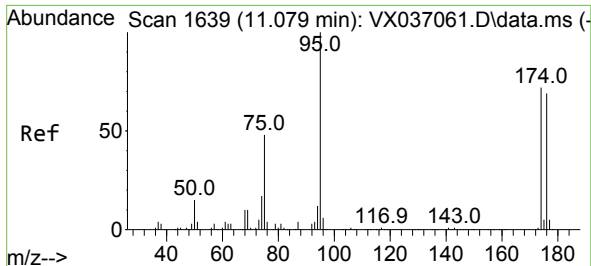
Tgt Ion: 129 Resp: 1322

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

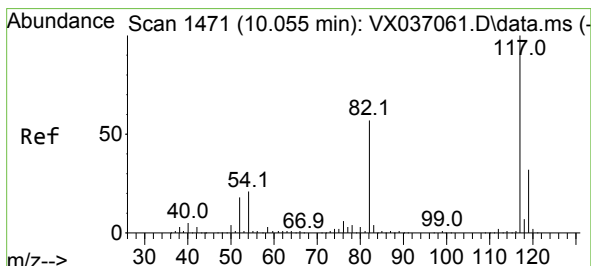
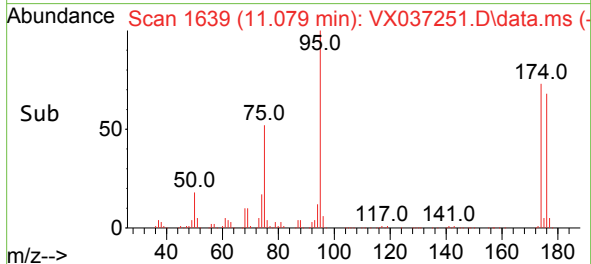
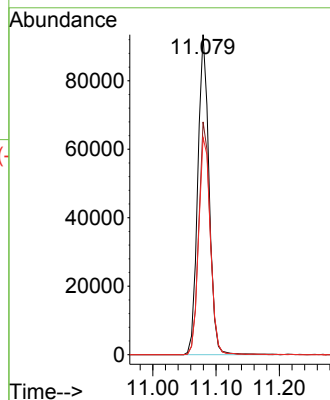
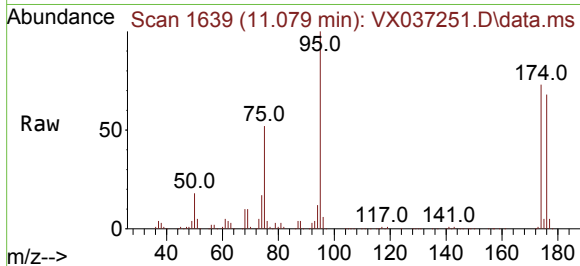




#62
4-Bromofluorobenzene
Concen: 46.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

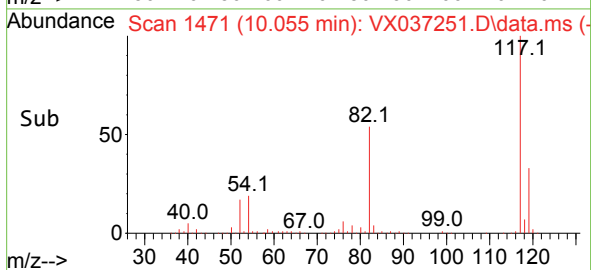
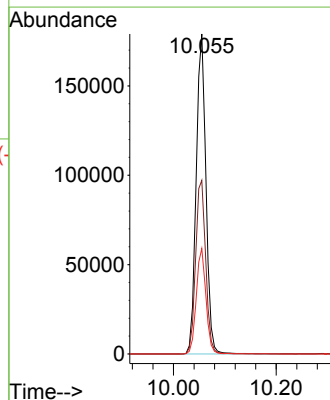
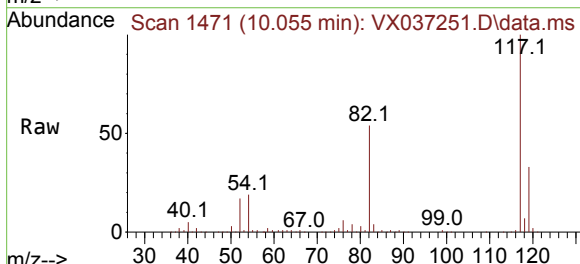
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

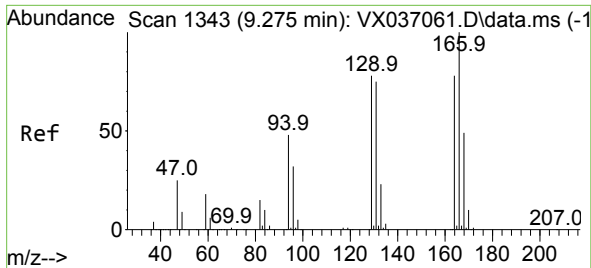
Tgt Ion: 95 Resp: 116000
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion: 117 Resp: 236952
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 33.0 25.5 38.3



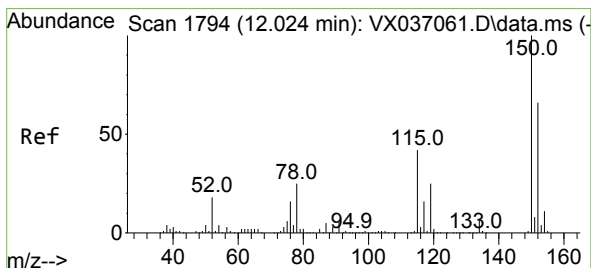
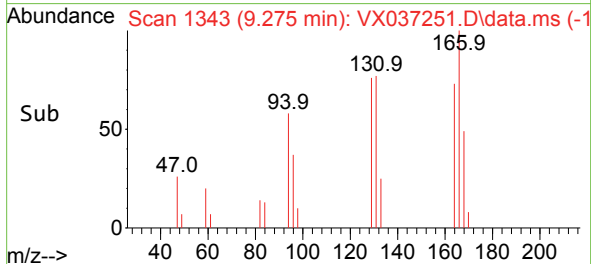
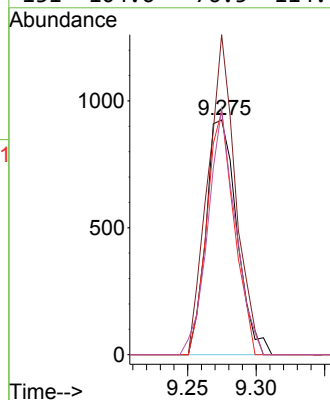
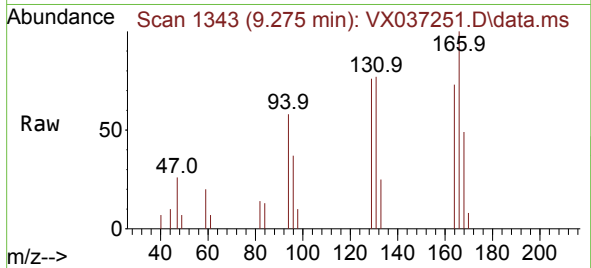


#64
Tetrachloroethene
Concen: 0.838 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230818

Tgt Ion:164 Resp: 1448

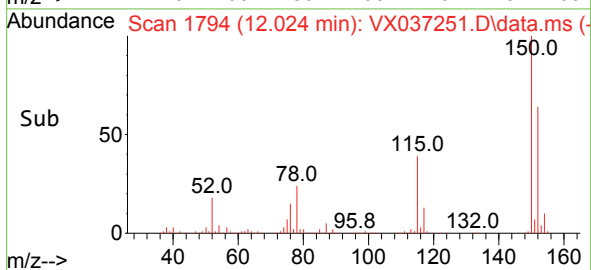
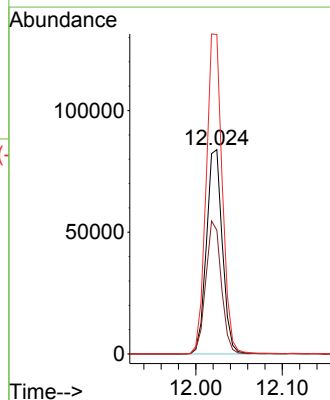
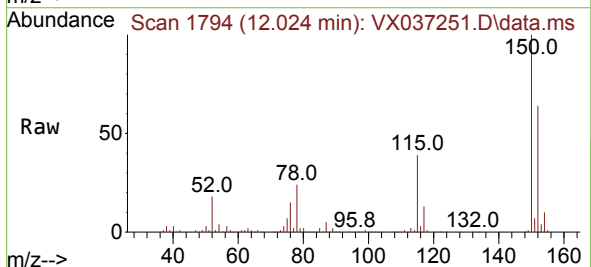
Ion	Ratio	Lower	Upper
164	100		
166	136.3	102.7	154.1
129	103.7	80.4	120.6
131	104.6	76.5	114.7

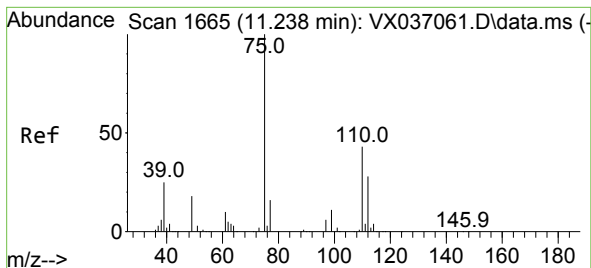


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037251.D
Acq: 25 Aug 2023 06:24

Tgt Ion:152 Resp: 107288

Ion	Ratio	Lower	Upper
152	100		
115	63.6	43.3	129.9
150	158.3	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 25.995 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037251.D

Acq: 25 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

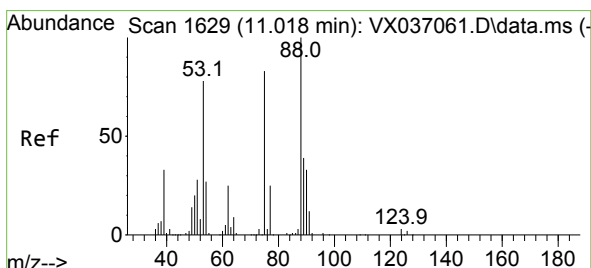
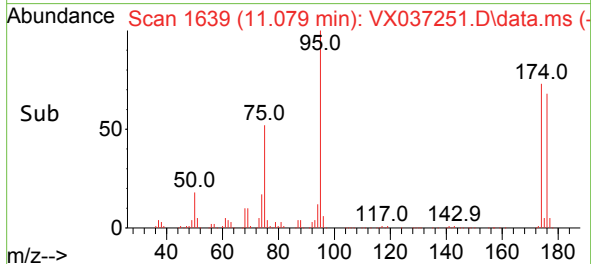
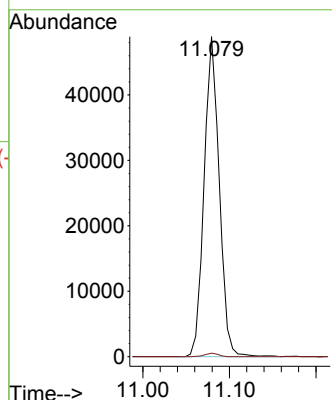
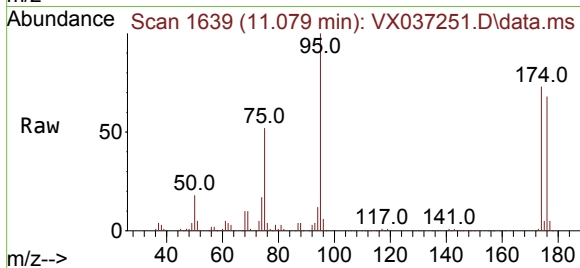
GM38-RW3-MW1-20230818

Tgt Ion: 75 Resp: 59395

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.605 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037251.D

Acq: 25 Aug 2023 06:24

Tgt Ion: 75 Resp: 59395

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

