

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029869.D
 Acq On : 29 Jun 2022 18:04
 Operator : JC/MD
 Sample : N3485-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20220623

Quant Time: Jun 29 23:01:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

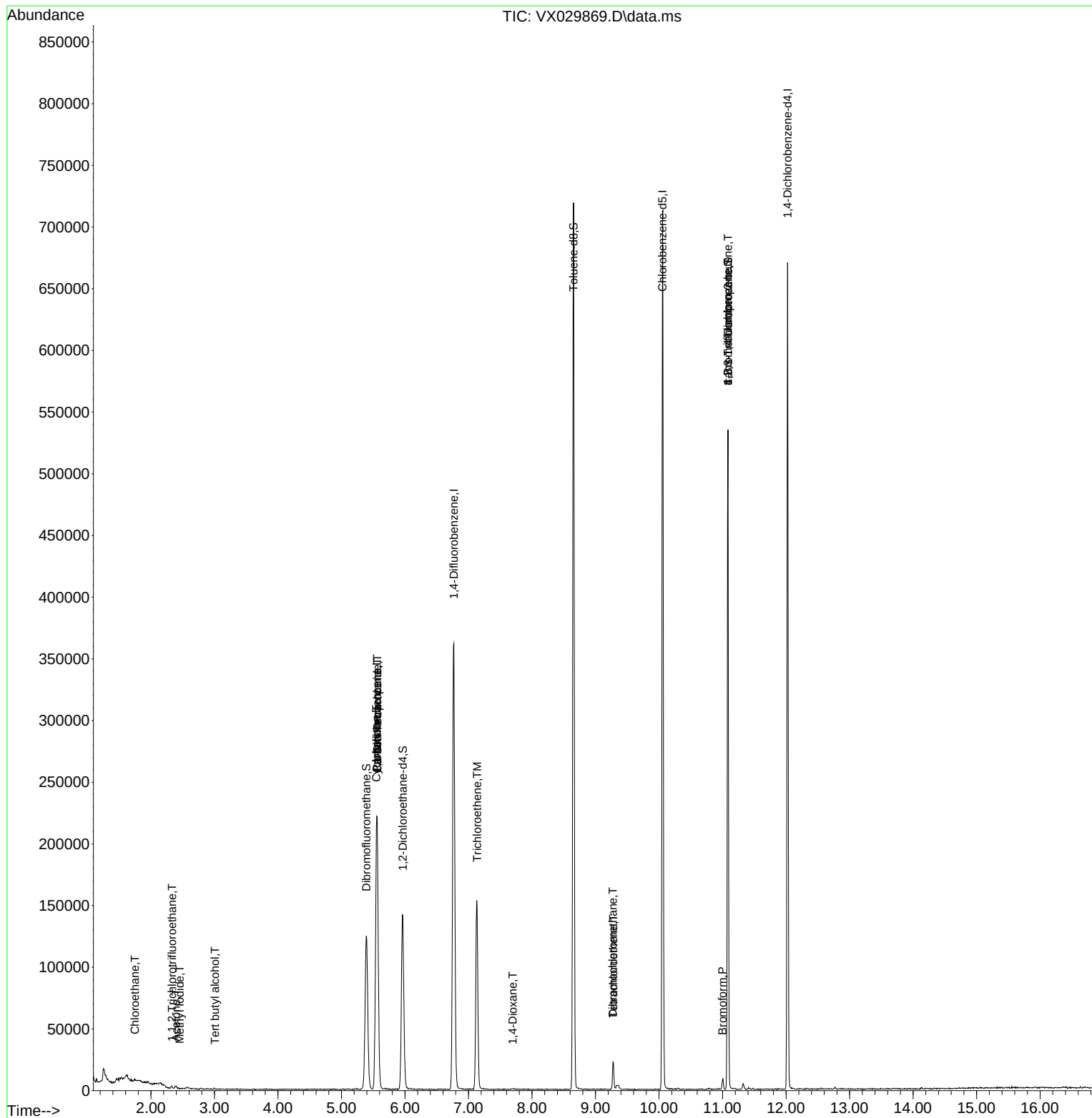
Internal Standards						
1) Pentafluorobenzene	5.556	168	225891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125298	43.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.640%		
35) Dibromofluoromethane	5.391	113	111639	45.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.653	98	440047	48.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.085	95	143128	44.342	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.680%		
Target Compounds					Qvalue	
6) Chloroethane	1.745	64	228	1.157	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	497	0.219	ug/l #	70
10) Methyl Iodide	2.453	142	27	1.882	ug/l #	45
11) Tert butyl alcohol	3.007	59	237	0.317	ug/l #	74
13) Acrolein	2.245	56	164	Below Cal	#	29
16) Acetone	2.392	43	2905	2.077	ug/l	91
31) Cyclohexane	5.550	56	4786	1.200	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16602	5.128	ug/l #	48
38) Carbon Tetrachloride	5.562	117	20991	7.483	ug/l #	18
44) Trichloroethene	7.135	130	62111	22.031	ug/l	93
49) 1,4-Dioxane	7.696	88	524	7.000	ug/l #	62
60) Dibromochloromethane	9.275	129	3612	1.485	ug/l #	11
64) Tetrachloroethene	9.281	164	3837	1.925	ug/l	90
71) Bromoform	11.000	173	390	0.247	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	66508	20.491	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66508	65.075	ug/l #	13

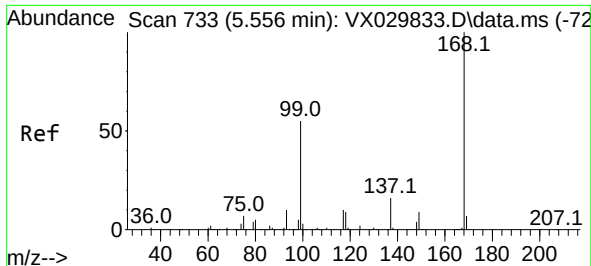
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 23:01:01 2022
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Quant Title : SW846 8260
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Response via : Initial Calibration

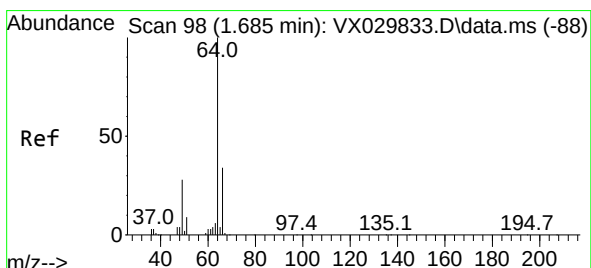
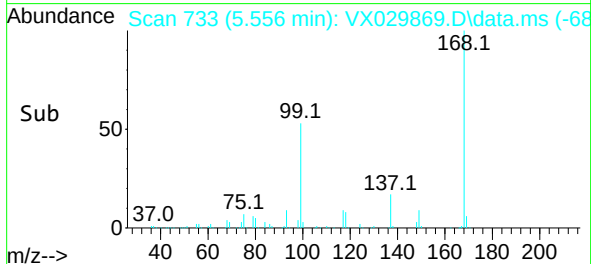
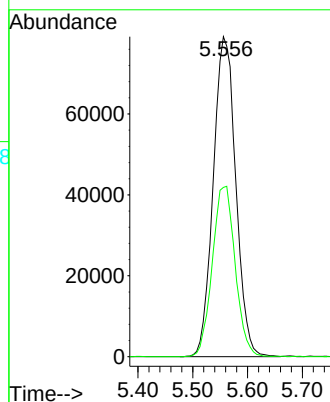
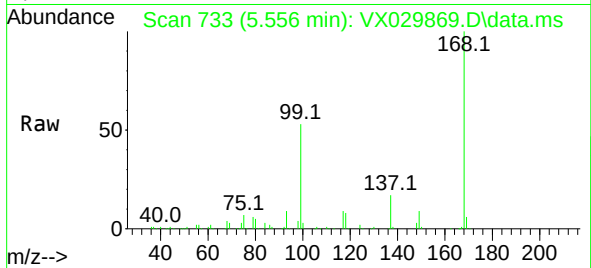




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

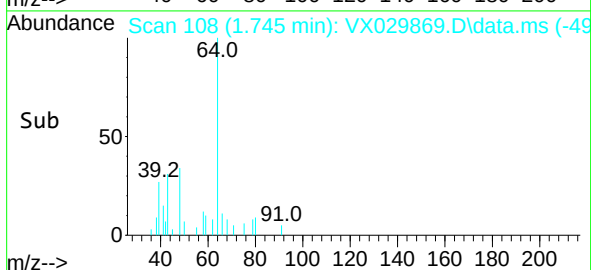
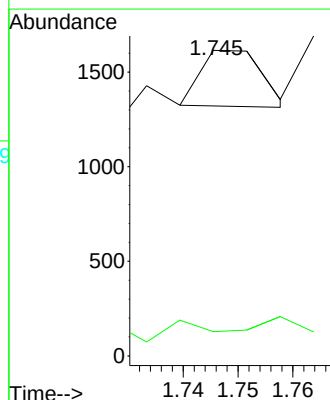
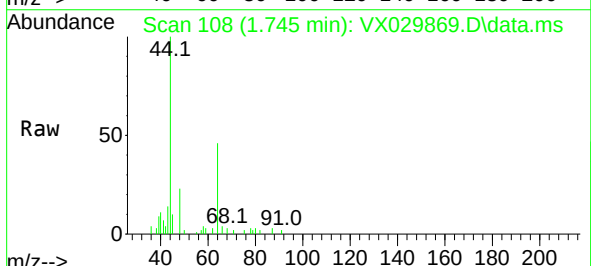
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220623

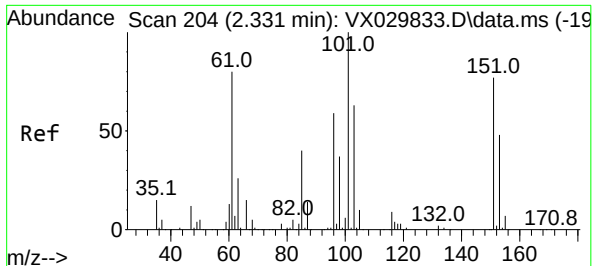
Tgt Ion:168 Resp: 225891
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#6
Chloroethane
Concen: 1.157 ug/l
RT: 1.745 min Scan# 108
Delta R.T. 0.060 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Tgt Ion: 64 Resp: 228
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8

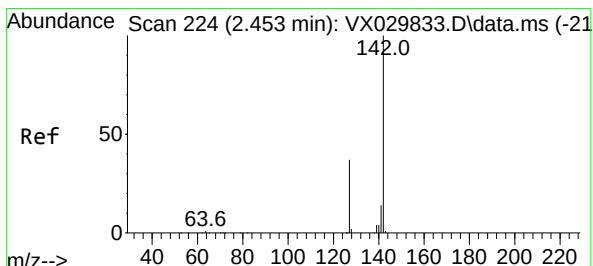
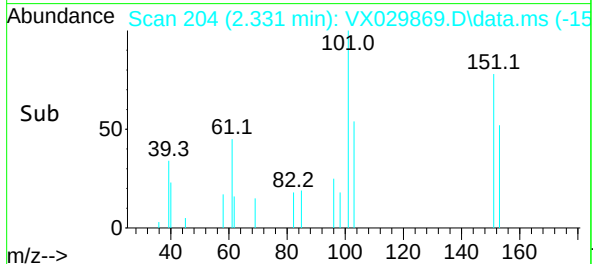
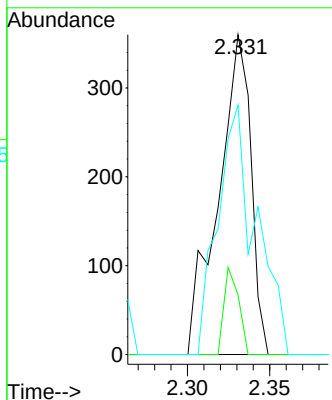
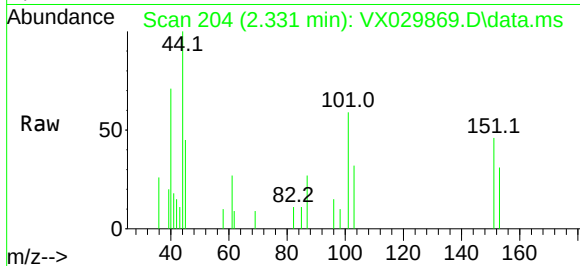




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.219 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

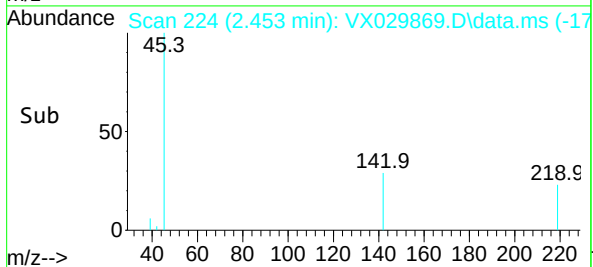
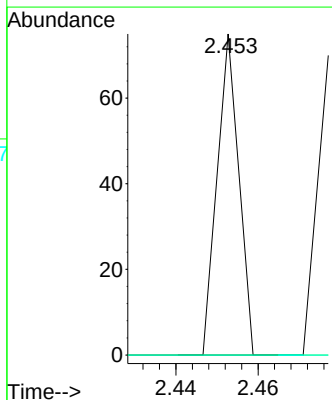
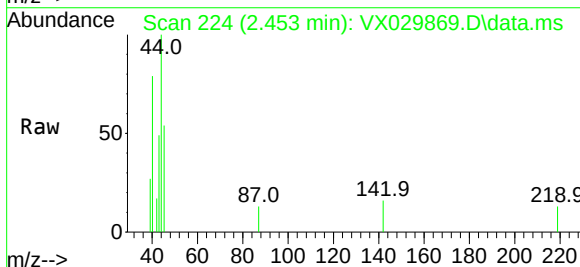
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220623

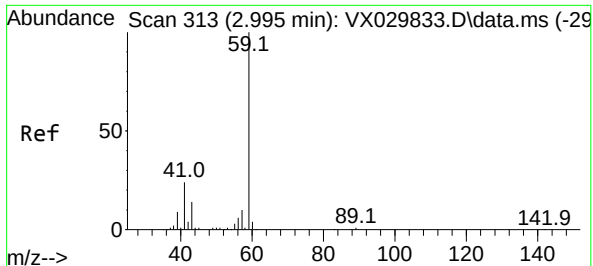
Tgt Ion:101 Resp: 497
Ion Ratio Lower Upper
101 100
85 12.1 34.0 51.0#
151 91.1 59.4 89.0#



#10
Methyl Iodide
Concen: 1.882 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Tgt Ion:142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.317 ug/l

RT: 3.007 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

Instrument :

MSVOA_X

ClientSampleId :

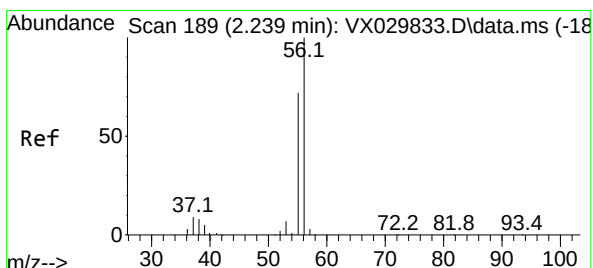
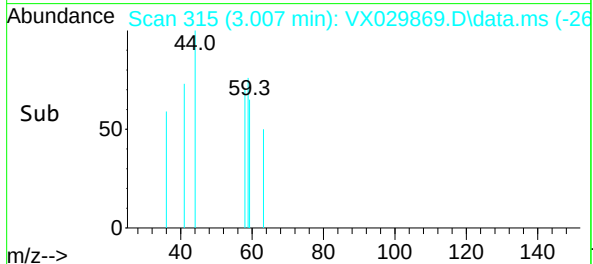
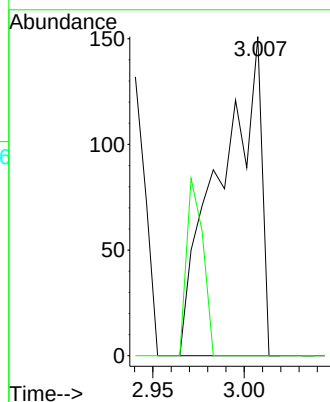
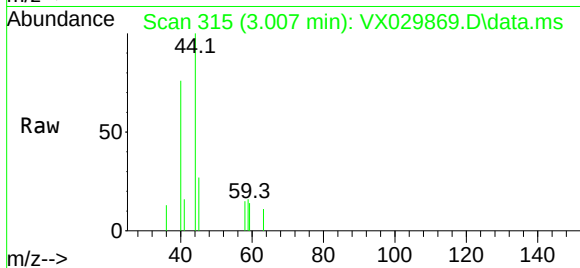
GM38-RW3-MW1-20220623

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX029869.D

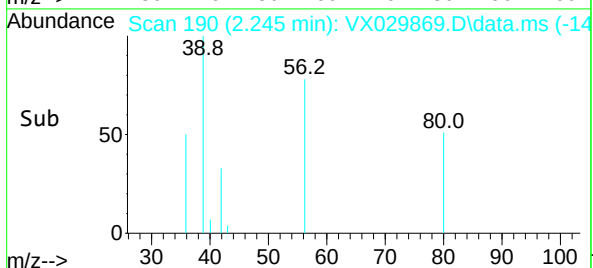
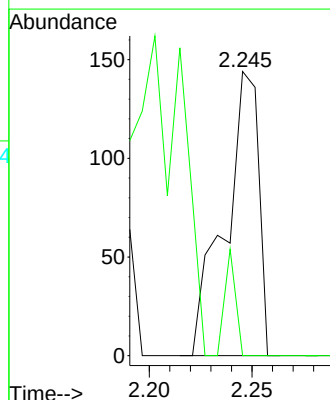
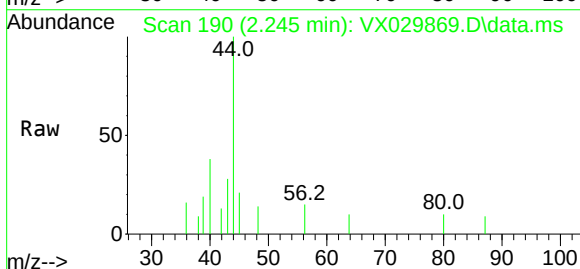
Acq: 29 Jun 2022 18:04

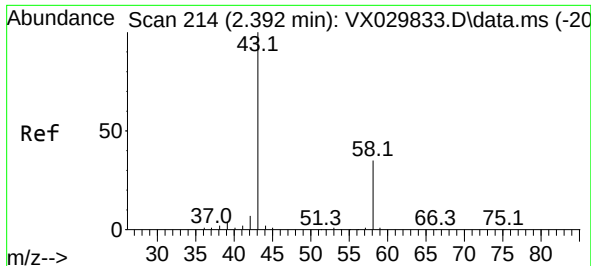
Tgt Ion: 56 Resp: 164

Ion Ratio Lower Upper

56 100

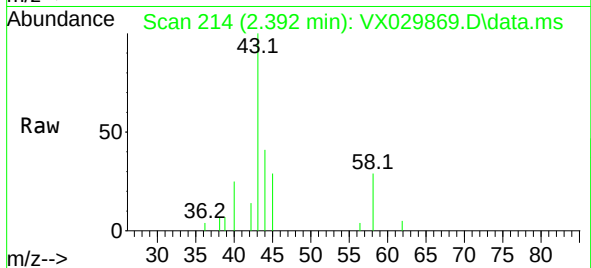
55 12.2 56.6 84.8#



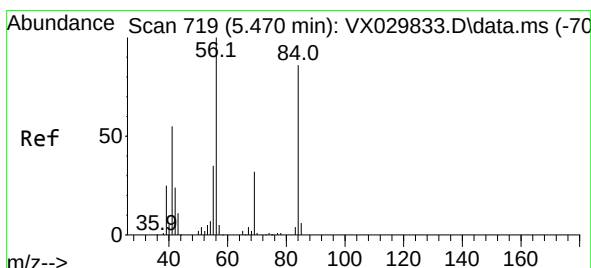
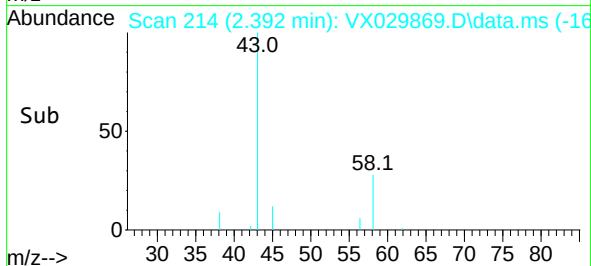
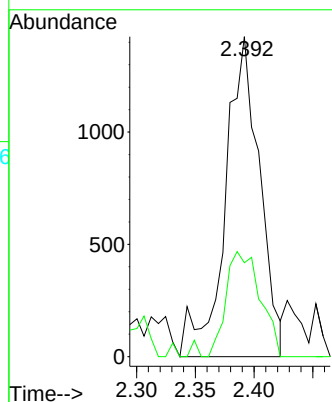


#16
Acetone
Concen: 2.077 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Instrument : MSVOA_X
ClientSampleId : GM38-RW3-MW1-20220623

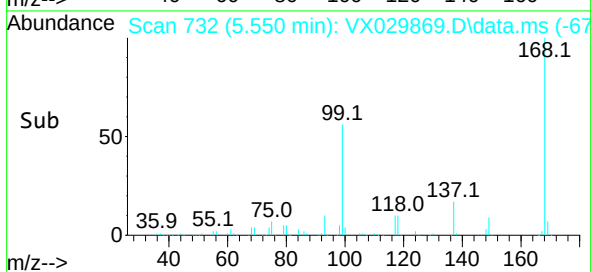
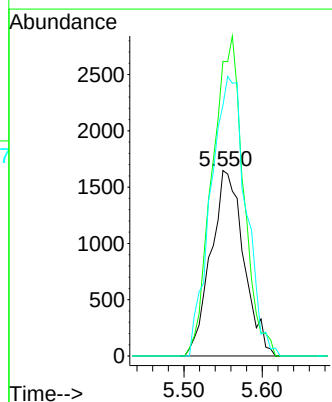
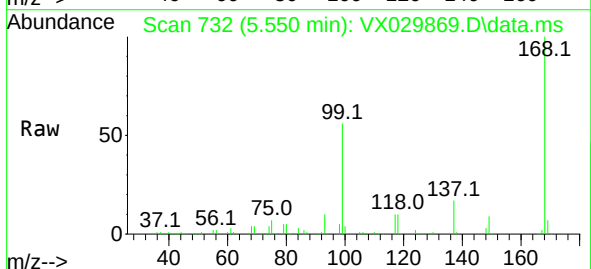


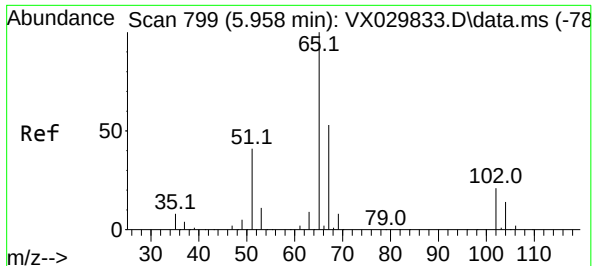
Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
58 29.3 27.7 41.5



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Tgt Ion: 56 Resp: 4786
Ion Ratio Lower Upper
56 100
69 158.9 25.4 38.0#
84 135.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.820 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

Instrument :

MSVOA_X

ClientSampleId :

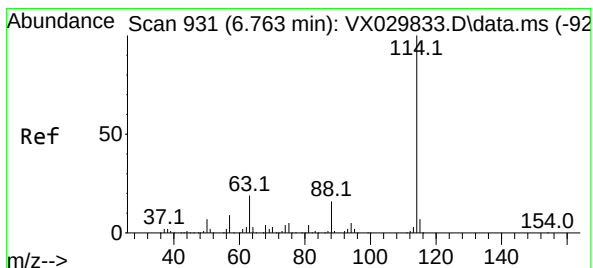
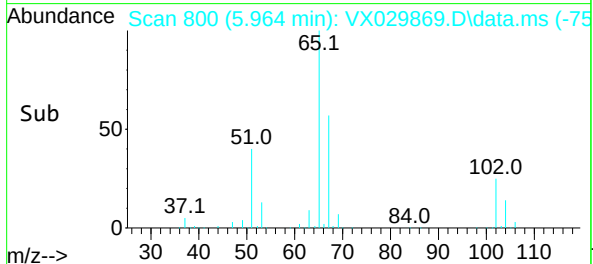
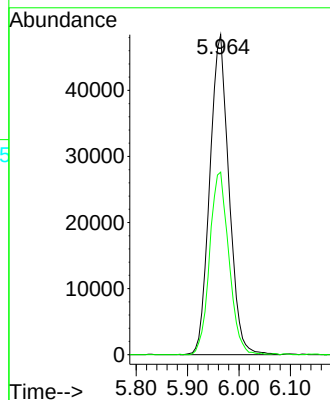
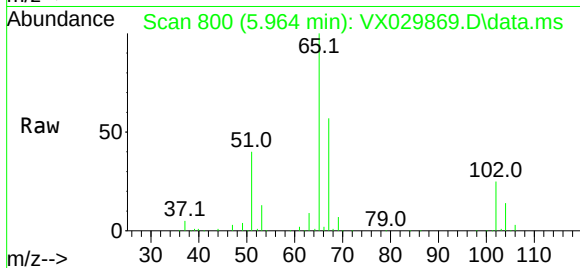
GM38-RW3-MW1-20220623

Tgt Ion: 65 Resp: 125298

Ion Ratio Lower Upper

65 100

67 57.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

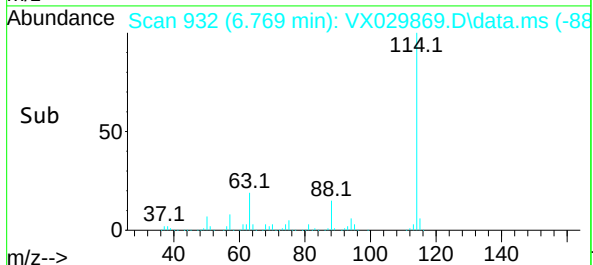
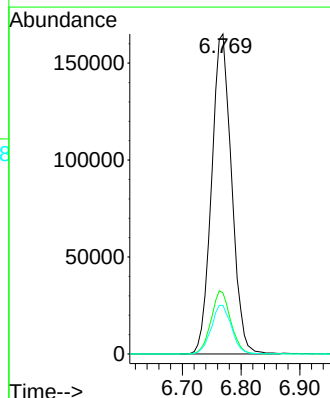
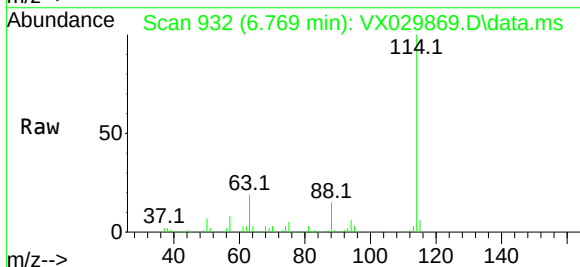
Tgt Ion: 114 Resp: 389490

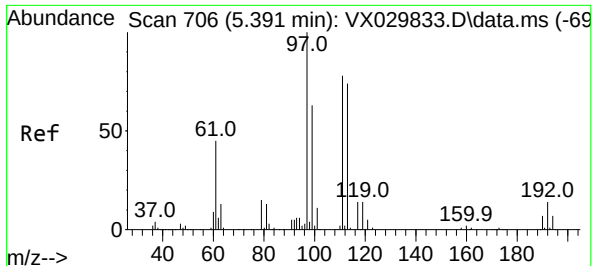
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.2 0.0 31.8

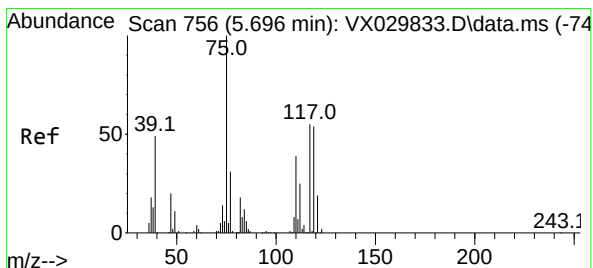
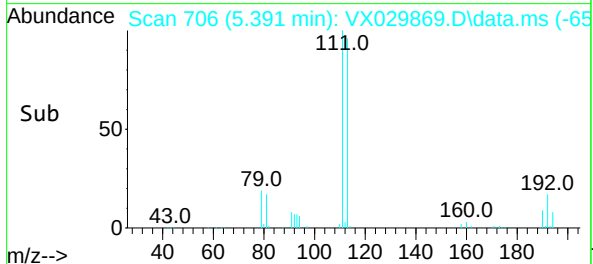
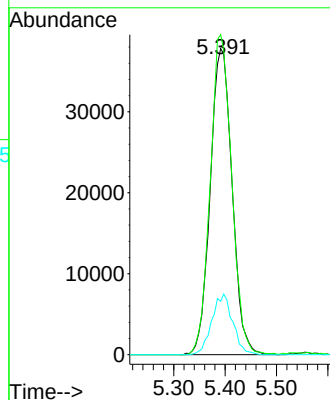
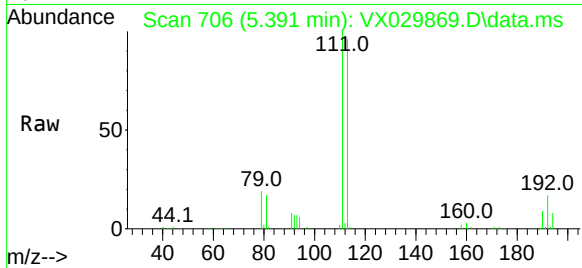




#35
Dibromofluoromethane
Concen: 45.864 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

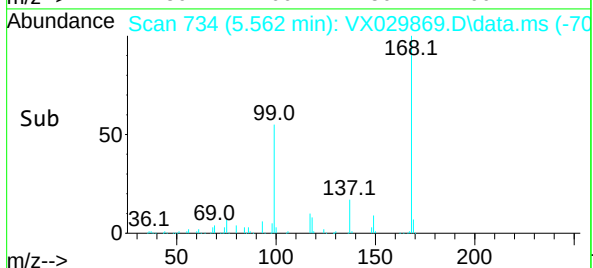
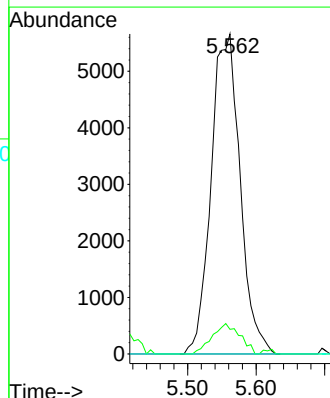
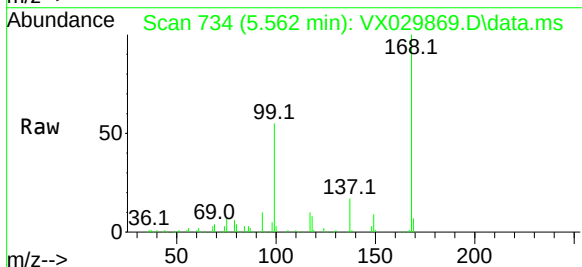
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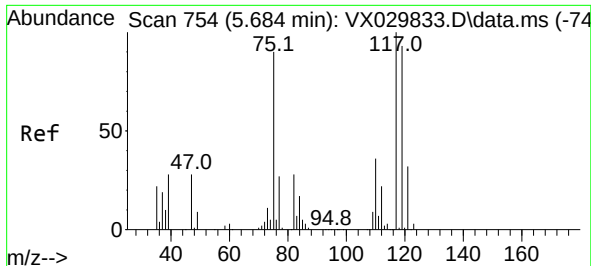
Tgt Ion:113 Resp: 111639
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.128 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

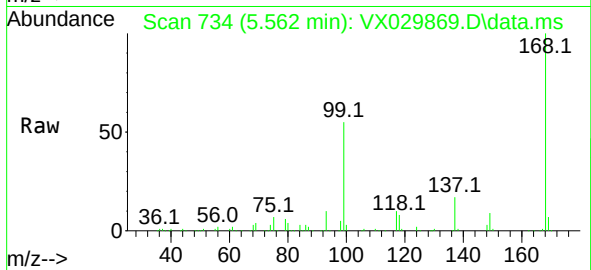
Tgt Ion: 75 Resp: 16602
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 24.4 36.6#



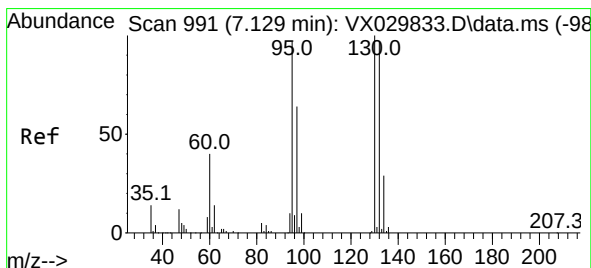
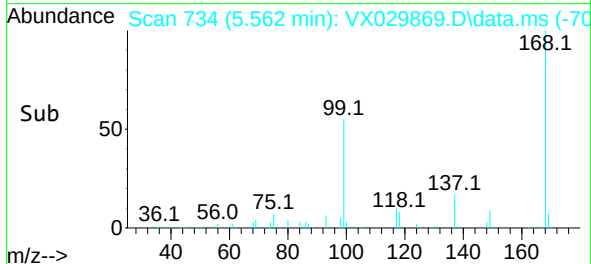
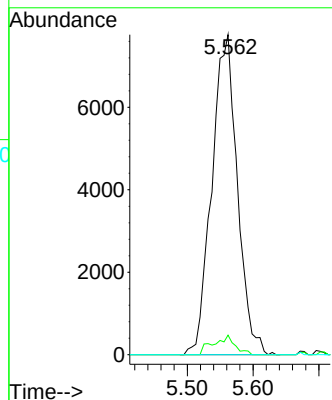


#38
Carbon Tetrachloride
Concen: 7.483 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220623

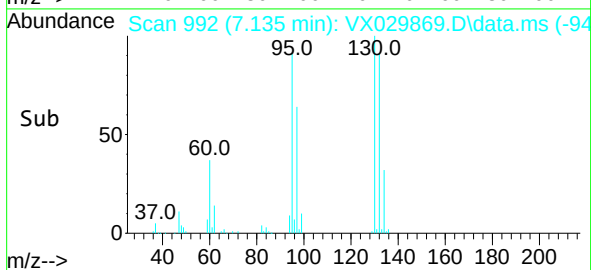
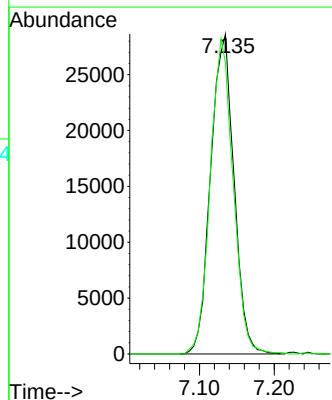
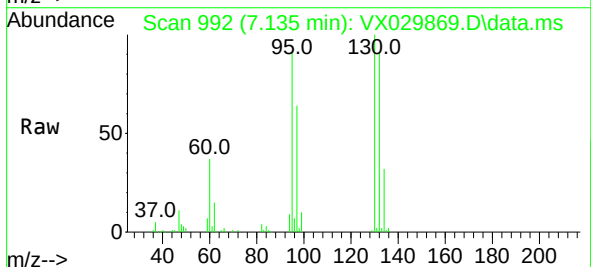


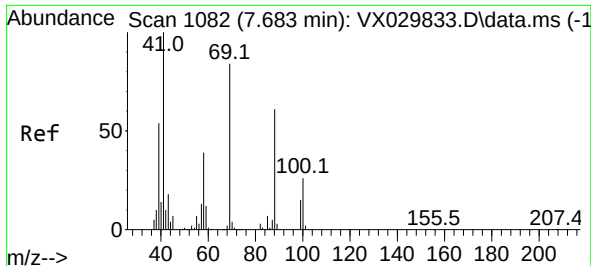
Tgt Ion:117 Resp: 20991
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 22.031 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Tgt Ion:130 Resp: 62111
Ion Ratio Lower Upper
130 100
95 90.9 0.0 194.8





#49

1,4-Dioxane

Concen: 7.000 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.012 min

Lab File: VX029869.D

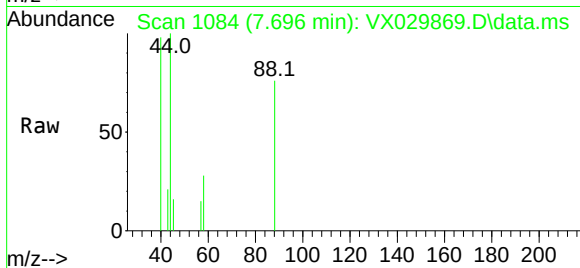
Acq: 29 Jun 2022 18:04

Instrument :

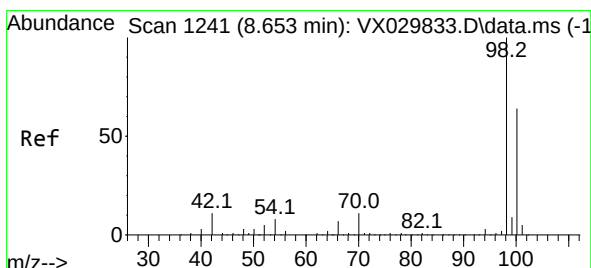
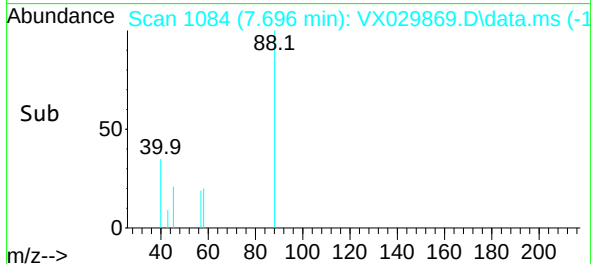
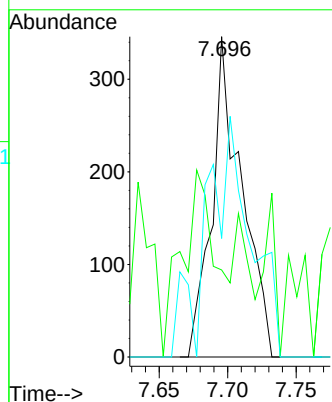
MSVOA_X

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Tgt Ion:	88	Resp:	524
Ion	Ratio	Lower	Upper
88	100		
43	67.2	23.8	35.8#
58	48.3	53.8	80.6#



#50

Toluene-d8

Concen: 48.190 ug/l

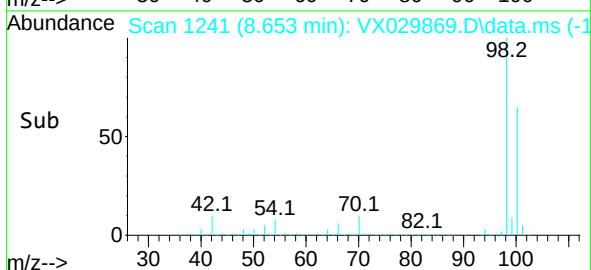
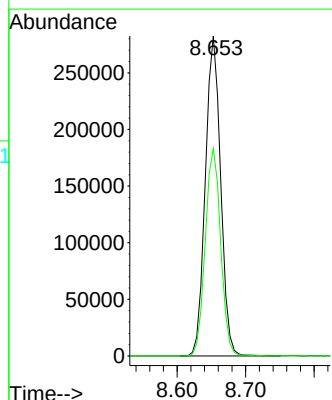
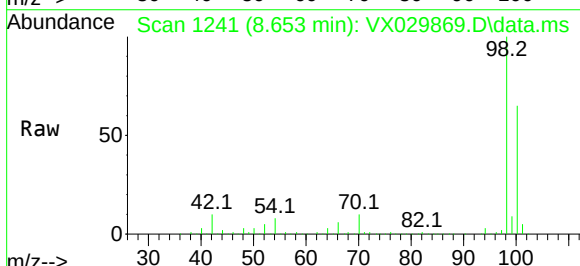
RT: 8.653 min Scan# 1241

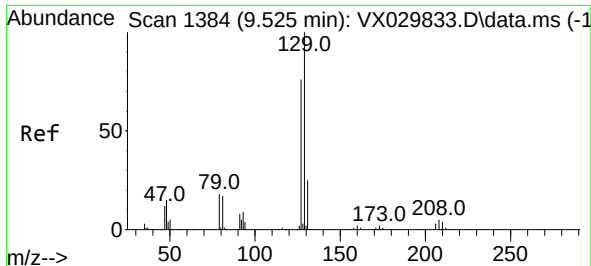
Delta R.T. -0.000 min

Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

Tgt Ion:	98	Resp:	440047
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5

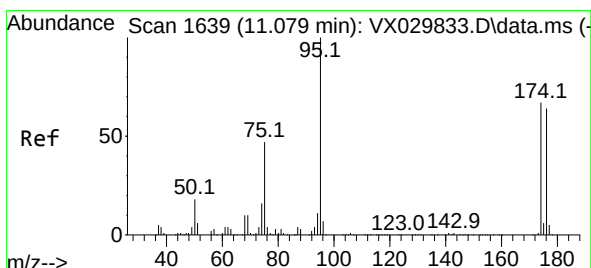
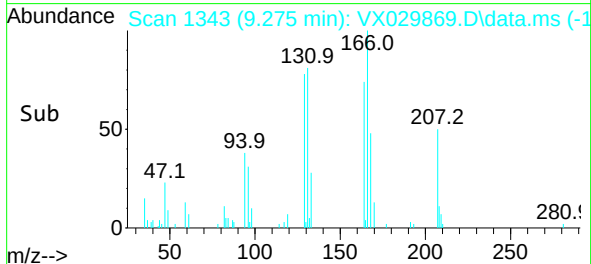
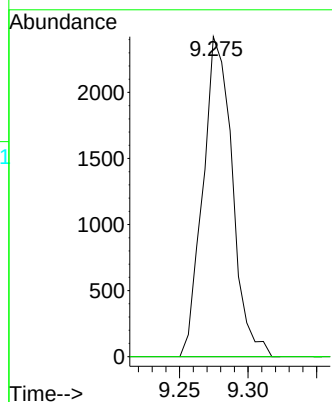
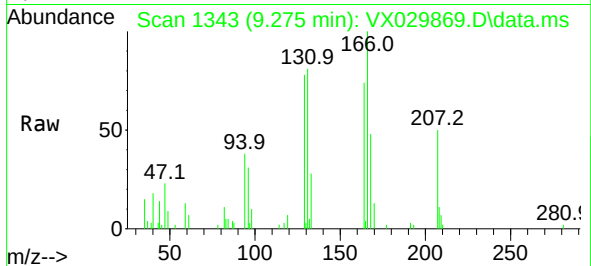




#60
Dibromochloromethane
Concen: 1.485 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

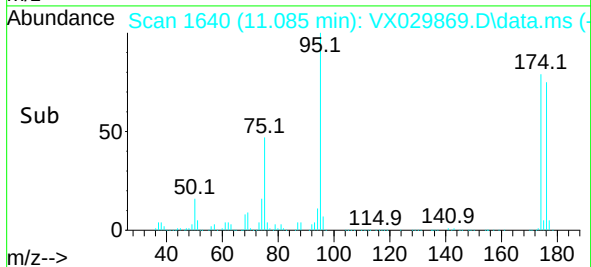
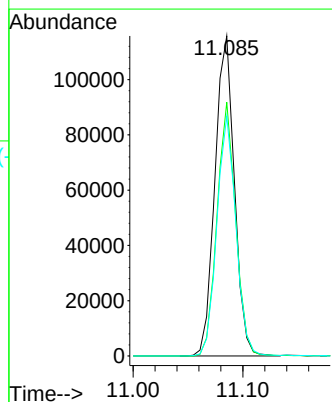
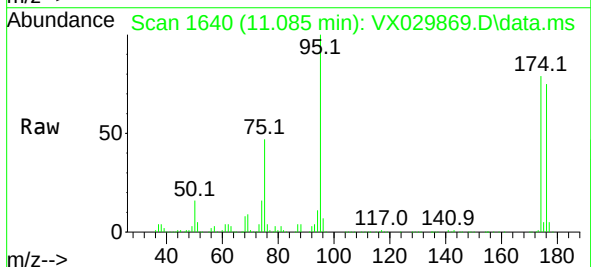
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20220623

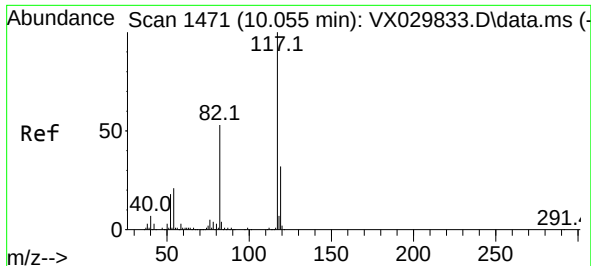
Tgt Ion:129 Resp: 3612
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 44.342 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Tgt Ion: 95 Resp: 143128
Ion Ratio Lower Upper
95 100
174 76.1 0.0 149.0
176 73.4 0.0 146.0

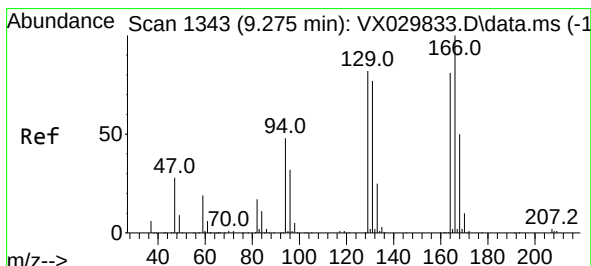
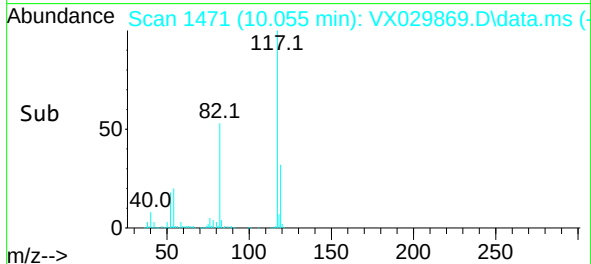
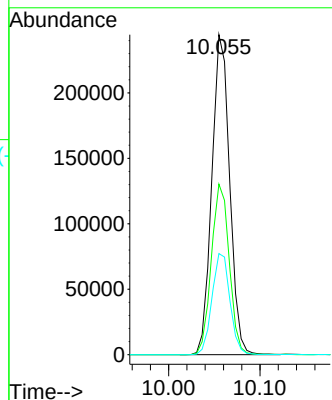
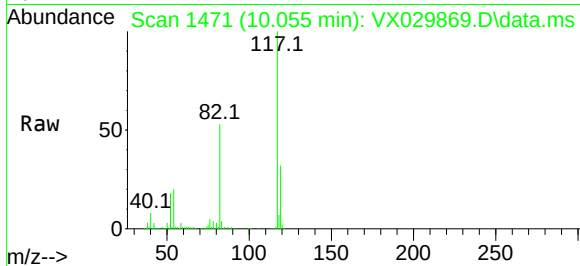




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

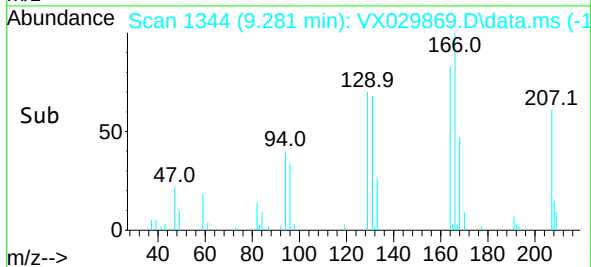
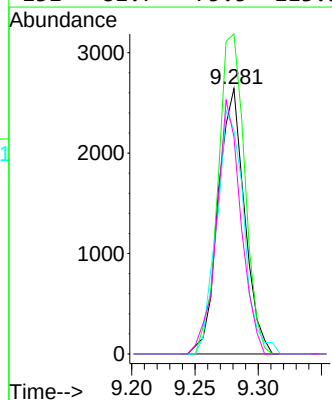
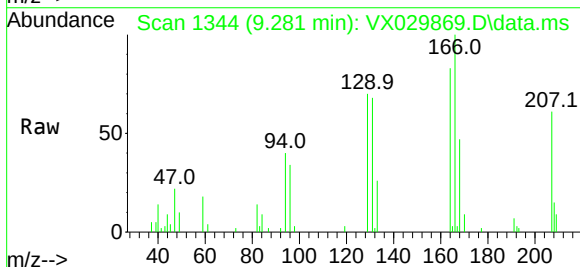
Instrument : MSVOA_X
ClientSampleId : GM38-RW3-MW1-20220623

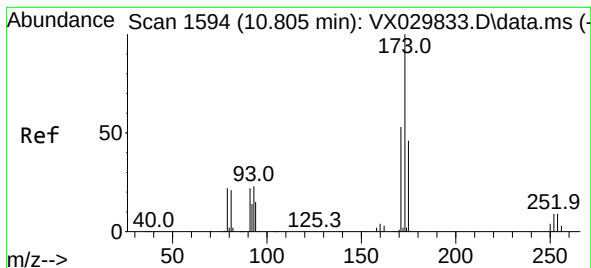
Tgt Ion:117 Resp: 330460
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 1.925 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX029869.D
Acq: 29 Jun 2022 18:04

Tgt Ion:164 Resp: 3837
Ion Ratio Lower Upper
164 100
166 120.6 98.2 147.4
129 84.4 80.8 121.2
131 81.7 75.5 113.3





#71

Bromoform

Concen: 0.247 ug/l

RT: 11.000 min Scan# 1

Delta R.T. 0.195 min

Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

Instrument :

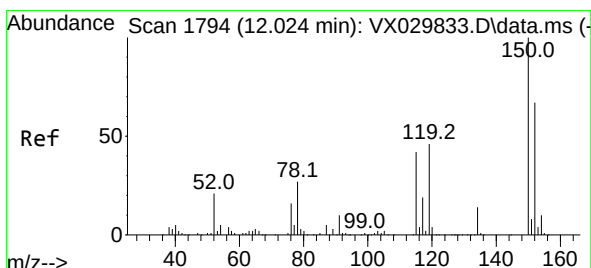
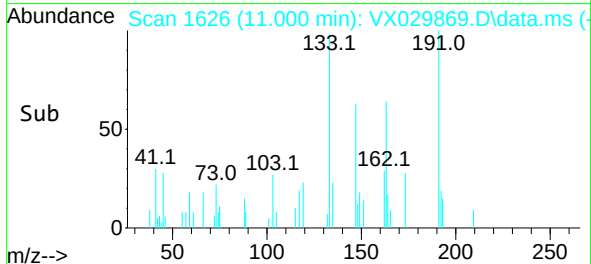
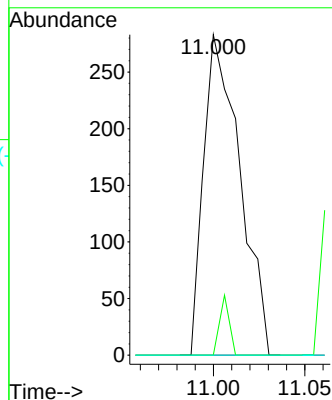
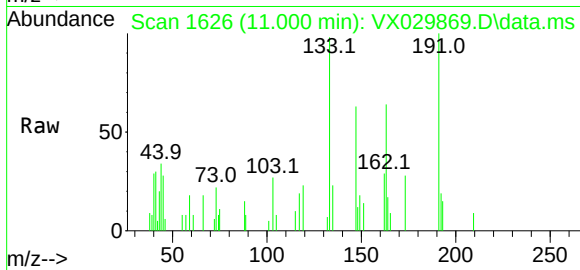
MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20220623

Tgt Ion:173 Resp: 390

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.2#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

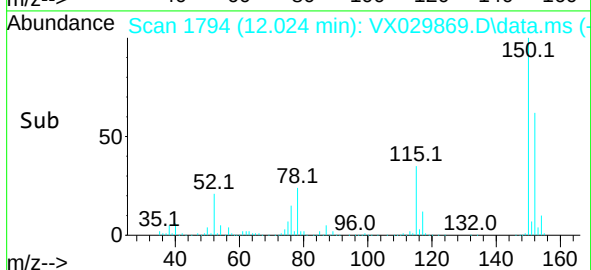
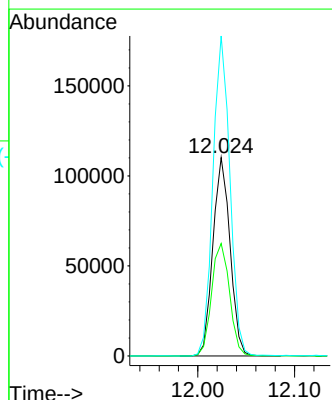
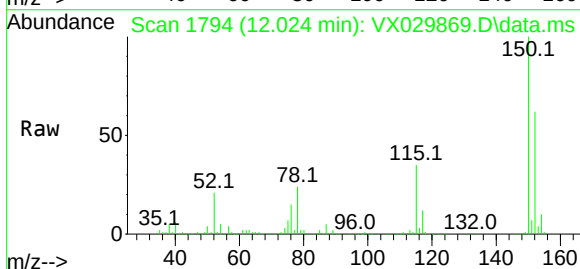
Delta R.T. -0.000 min

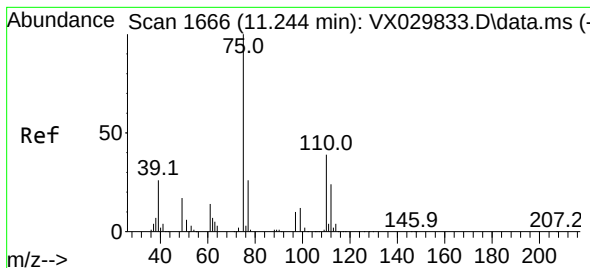
Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

Tgt Ion:152 Resp: 135584

Ion	Ratio	Lower	Upper
152	100		
115	59.4	40.5	121.5
150	159.8	0.0	347.0





#76

1,2,3-Trichloropropane

Concen: 20.491 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX029869.D

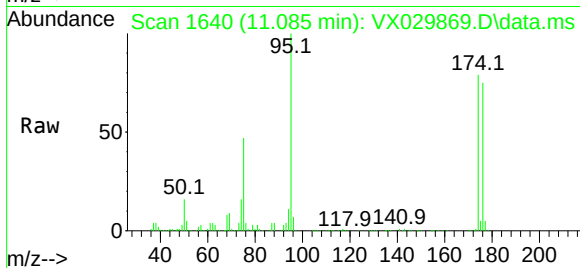
Acq: 29 Jun 2022 18:04

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20220623

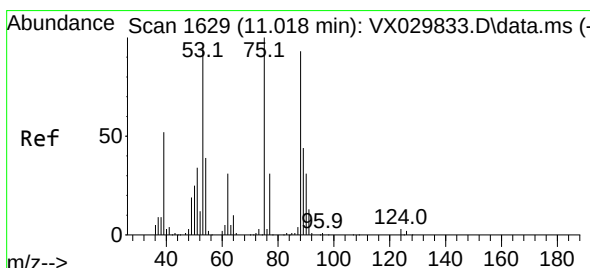
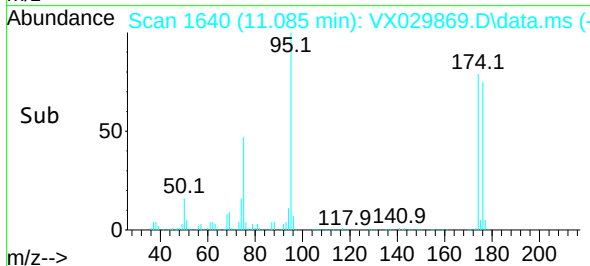
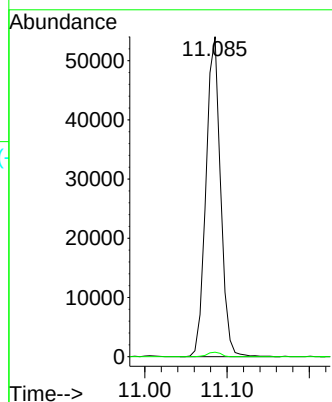


Tgt Ion: 75 Resp: 66508

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.075 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX029869.D

Acq: 29 Jun 2022 18:04

Tgt Ion: 75 Resp: 66508

Ion Ratio Lower Upper

75 100

53 0.1 74.2 111.4#

89 0.0 34.8 52.2#

