

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038990.D
 Acq On : 21 Nov 2023 17:21
 Operator : JC/MD
 Sample : 05407-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20231114

Quant Time: Nov 22 03:23:09 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)

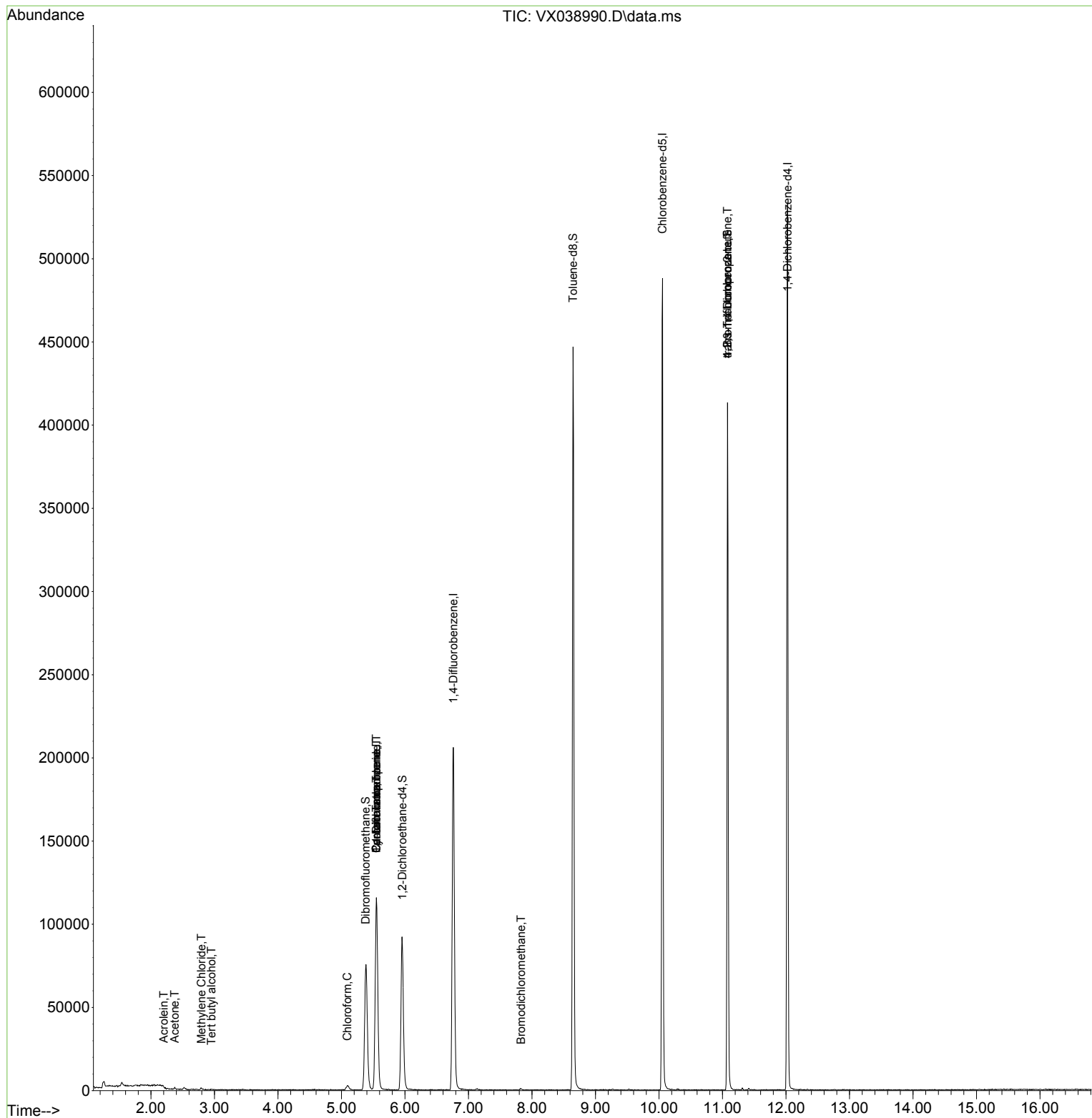
Internal Standards						
1) Pentafluorobenzene	5.550	168	101169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85210	52.270	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 104.540%		
35) Dibromofluoromethane	5.379	113	67295	44.728	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 89.460%		
50) Toluene-d8	8.647	98	261086	45.356	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 90.720%#		
62) 4-Bromofluorobenzene	11.079	95	111543	48.406	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 96.820%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	138	0.304	ug/l #	70
13) Acrolein	2.203	56	128	0.534	ug/l #	1
16) Acetone	2.374	43	1269	1.462	ug/l	90
20) Methylene Chloride	2.794	84	470	0.300	ug/l #	84
30) Chloroform	5.093	83	3352	1.325	ug/l	89
31) Cyclohexane	5.550	56	2844	1.222	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	9657	4.478	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11213	5.626	ug/l #	16
47) Bromodichloromethane	7.830	83	639	0.281	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	60939	22.889	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60939	50.769	ug/l #	5

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

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MH-125.9T-20231114

Quant Time: Nov 22 03:23:09 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

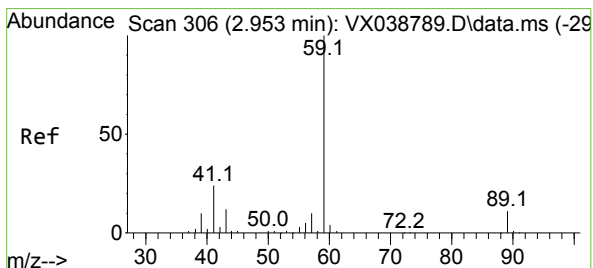
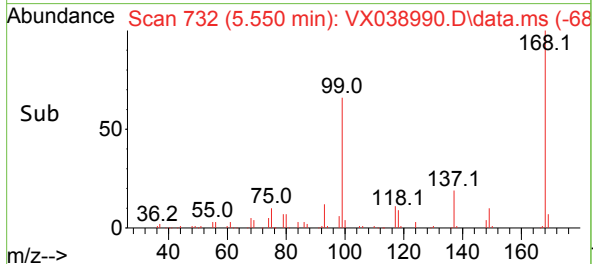
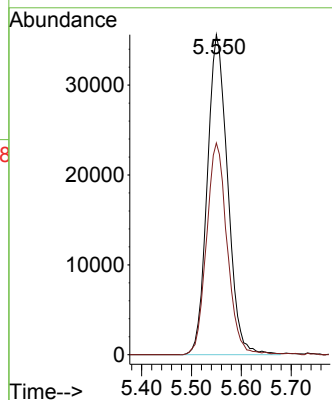
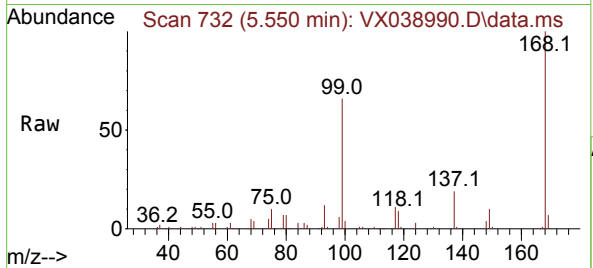




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

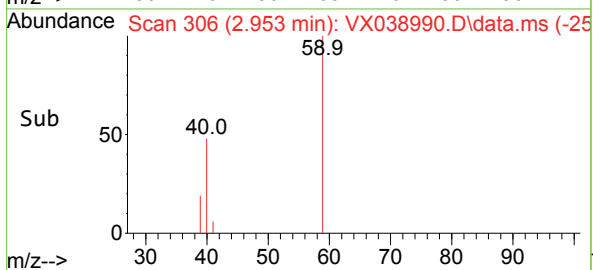
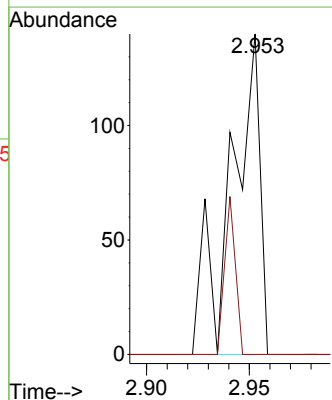
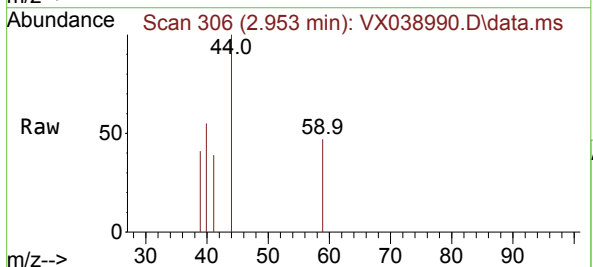
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

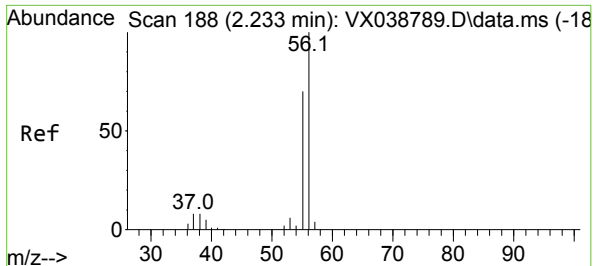
Tgt Ion:168 Resp: 101169
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.304 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 18.1 6.0 9.0#

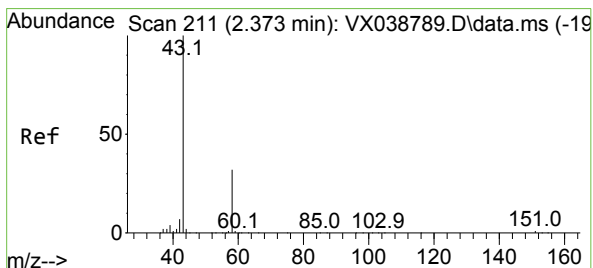
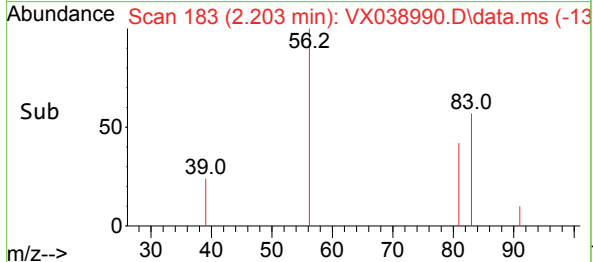
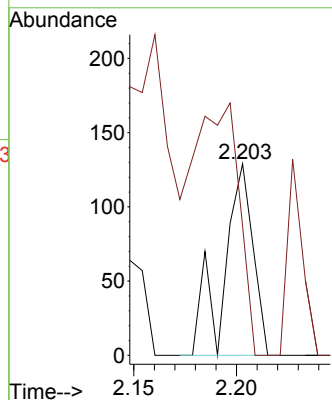
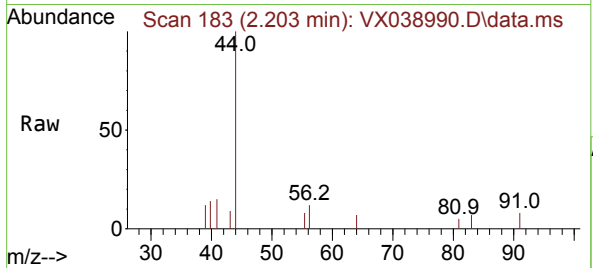




#13
Acrolein
Concen: 0.534 ug/l
RT: 2.203 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

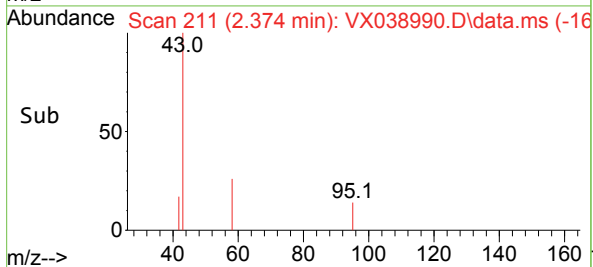
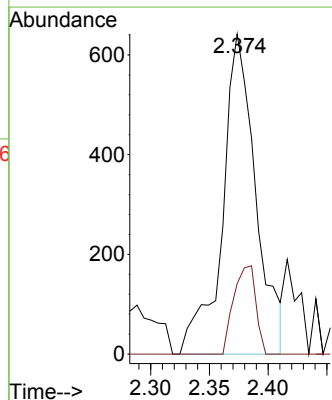
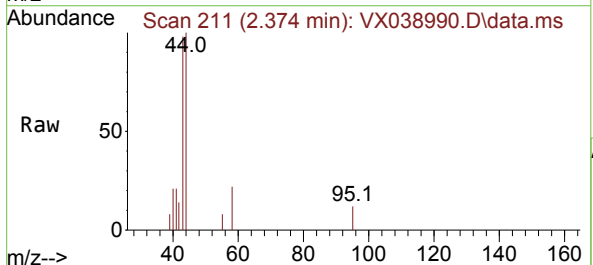
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

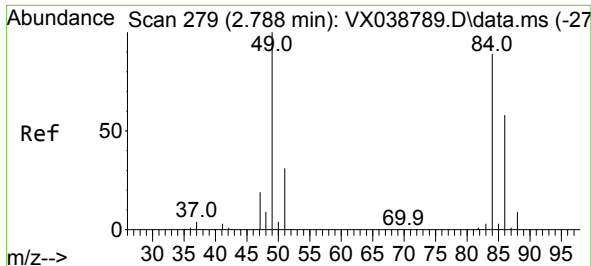
Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 201.6 57.1 85.7#



#16
Acetone
Concen: 1.462 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 22.0 21.9 32.9

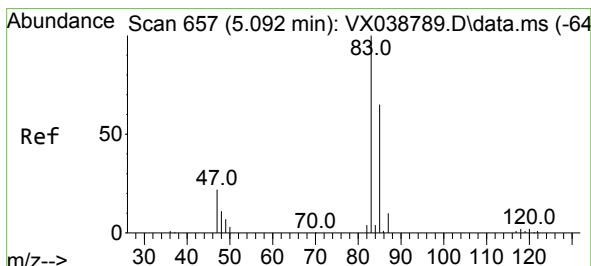
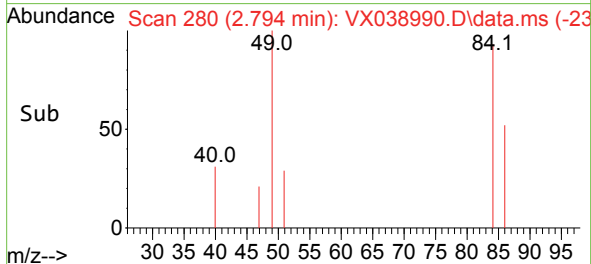
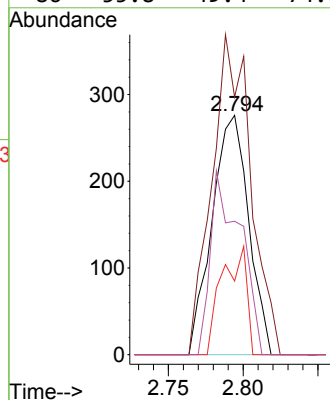
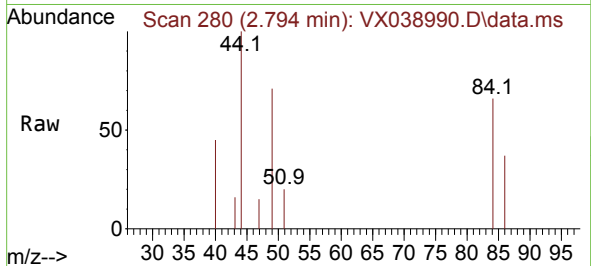




#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

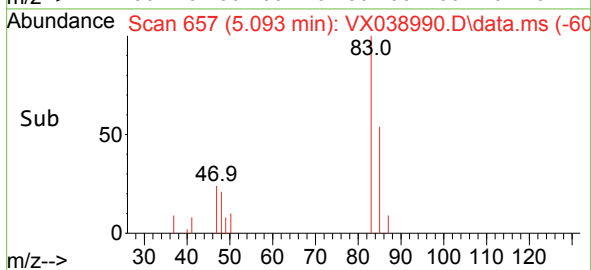
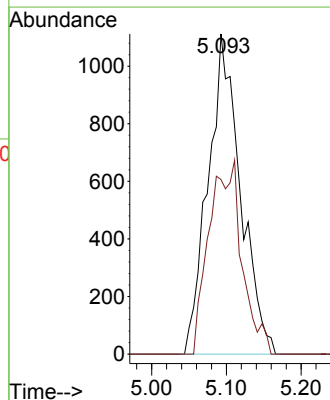
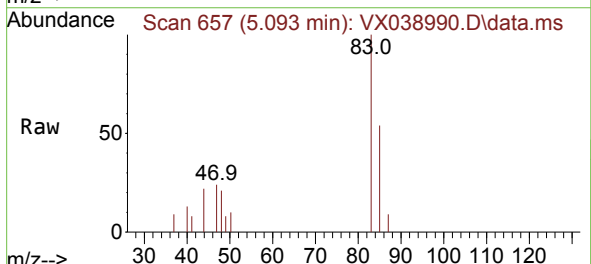
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

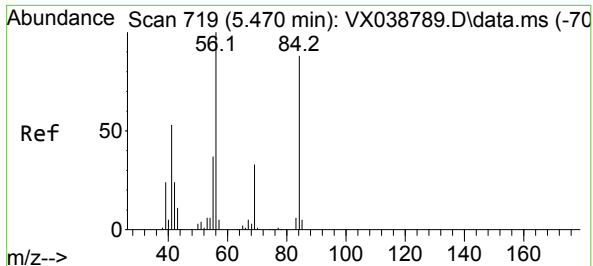
Tgt Ion: 84 Resp: 470
Ion Ratio Lower Upper
84 100
49 107.6 103.6 155.4
51 30.8 33.8 50.6#
86 55.8 49.4 74.0



#30
Chloroform
Concen: 1.325 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

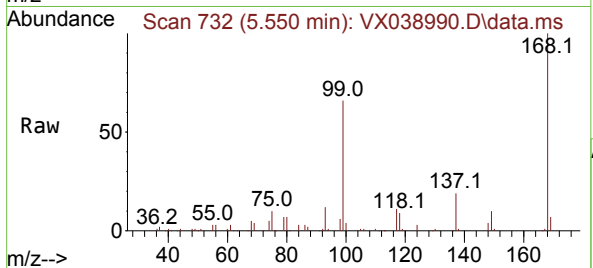
Tgt Ion: 83 Resp: 3352
Ion Ratio Lower Upper
83 100
85 54.5 50.3 75.5



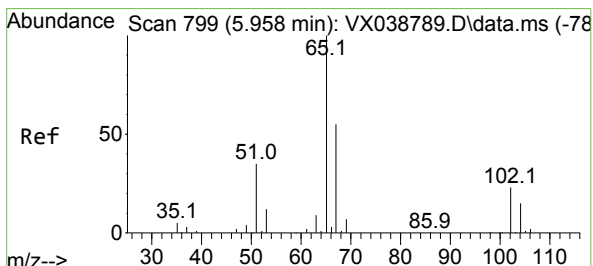
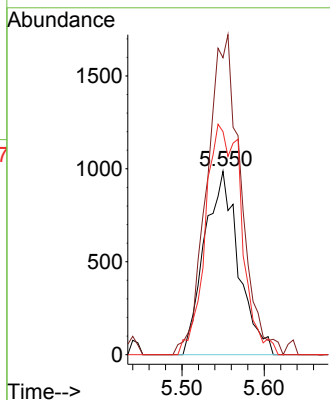
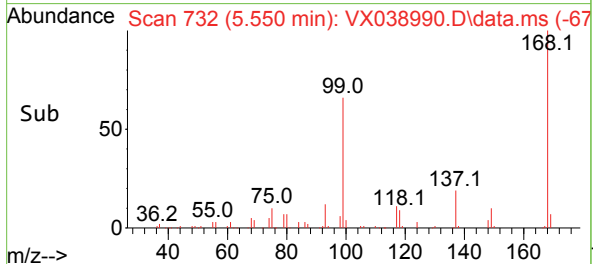


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

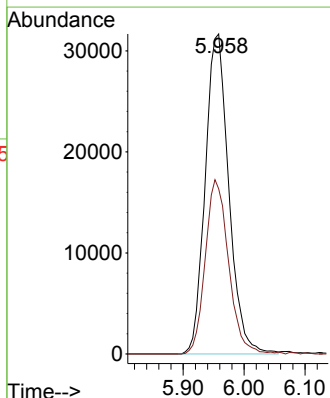
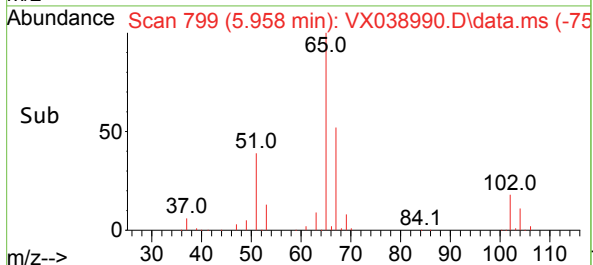
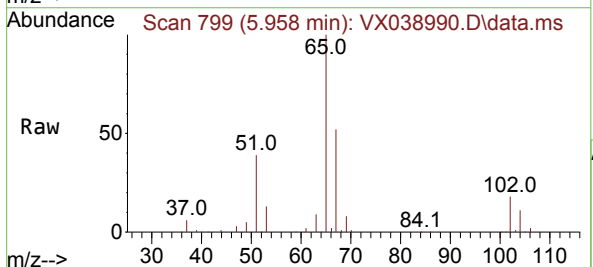


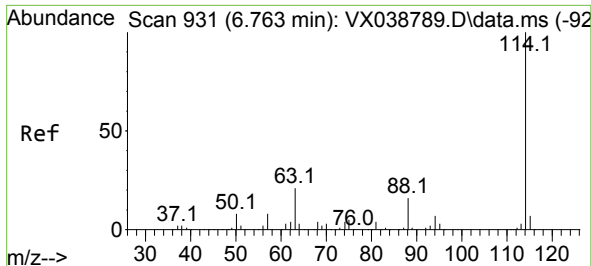
Tgt Ion: 56 Resp: 2844
Ion Ratio Lower Upper
56 100
69 156.4 23.4 35.2#
84 121.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.270 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 65 Resp: 85210
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

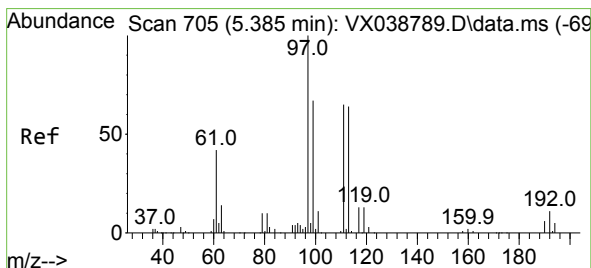
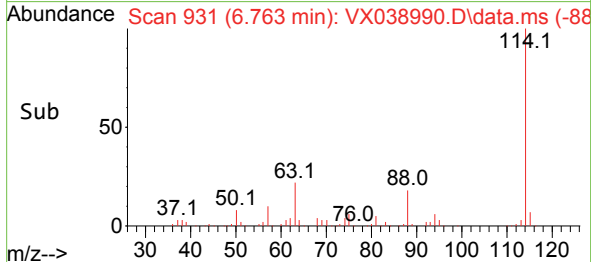
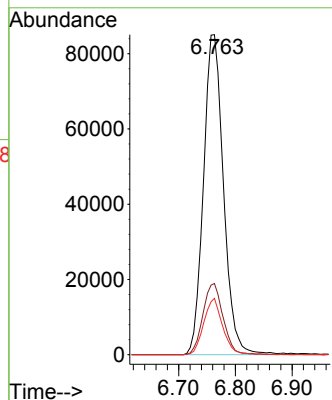
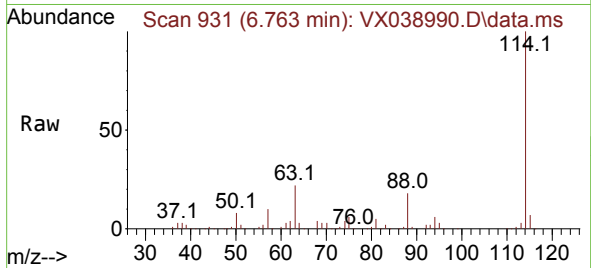




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

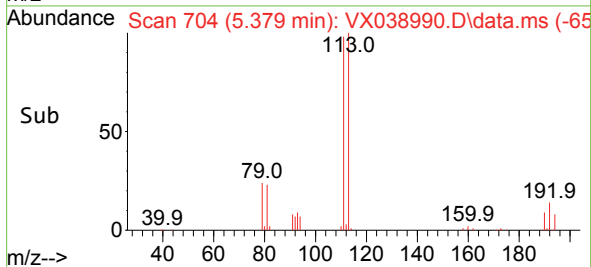
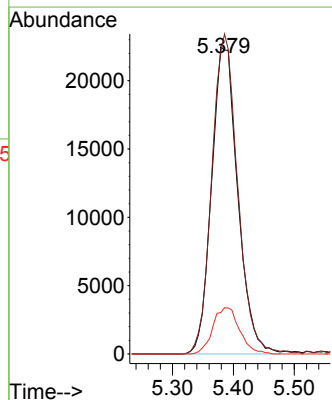
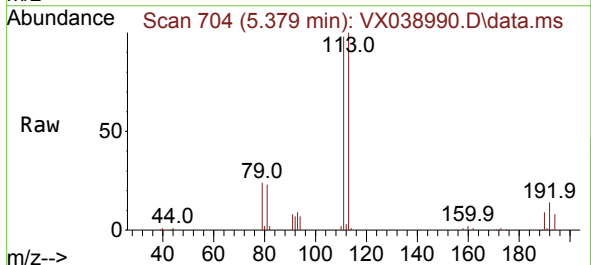
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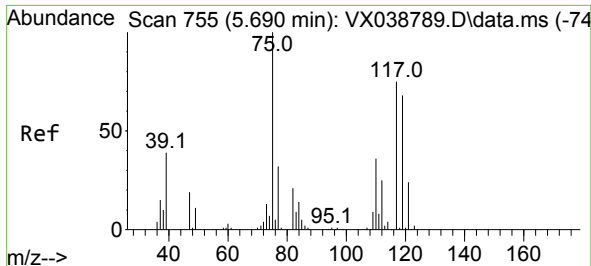
Tgt Ion:114 Resp: 208320
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.728 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion:113 Resp: 67295
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 15.4 13.3 19.9

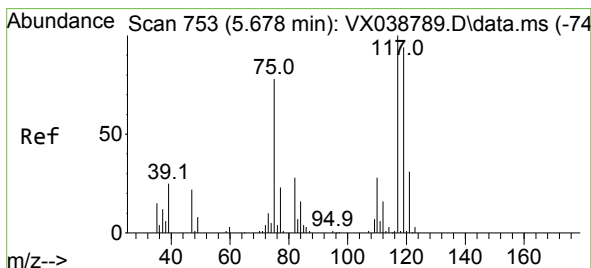
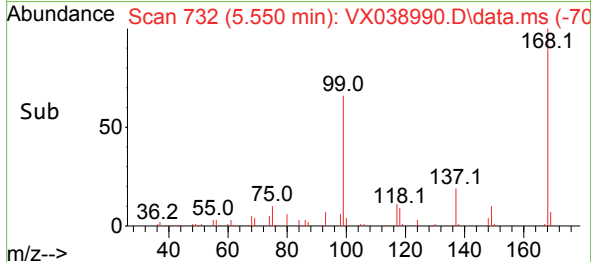
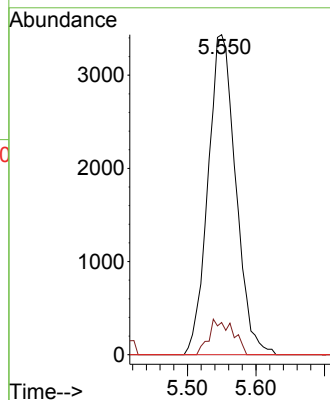
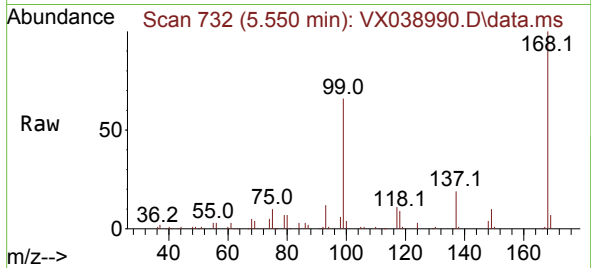




#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

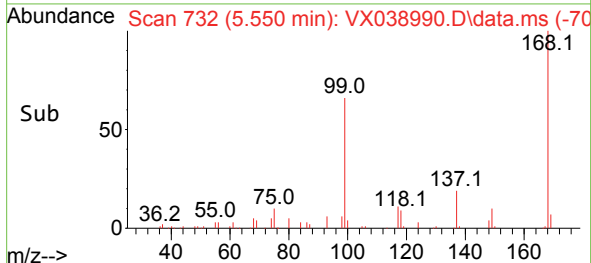
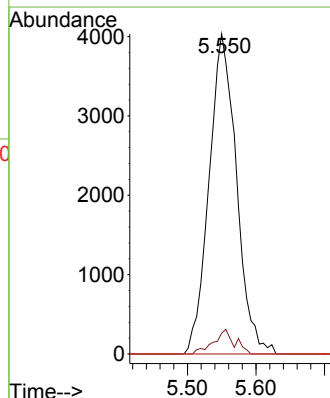
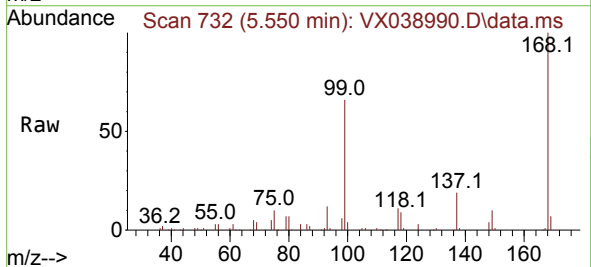
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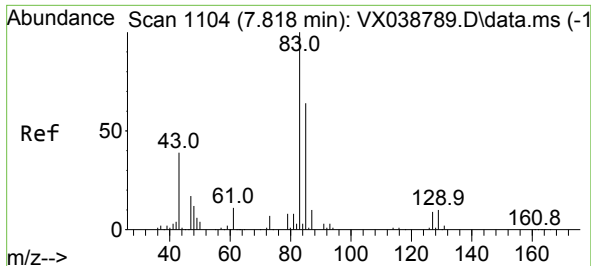
Tgt Ion: 75 Resp: 9657
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.626 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 117 Resp: 11213
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

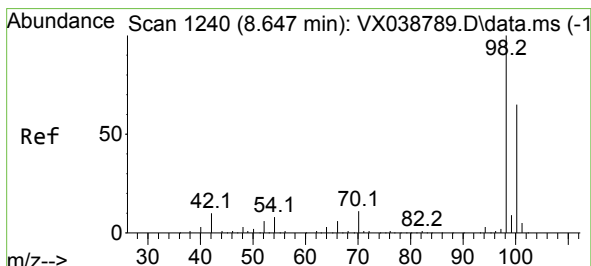
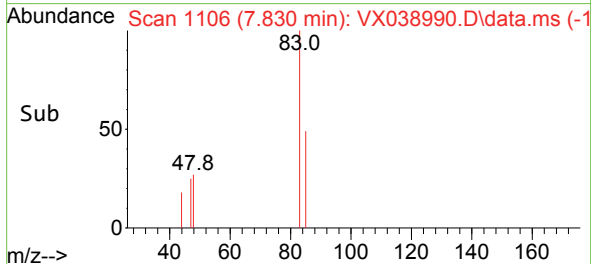
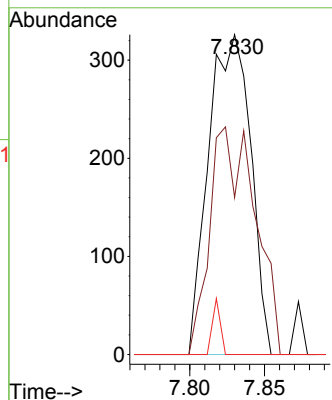
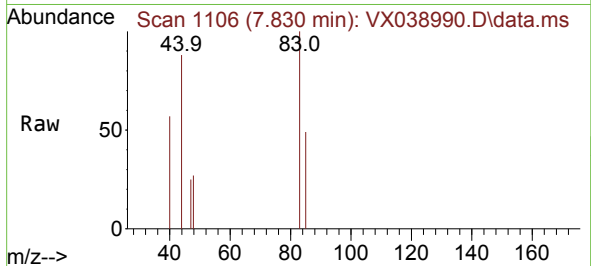




#47
Bromodichloromethane
Concen: 0.281 ug/l
RT: 7.830 min Scan# 1104
Delta R.T. 0.012 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

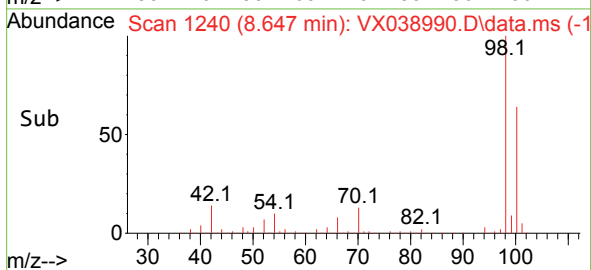
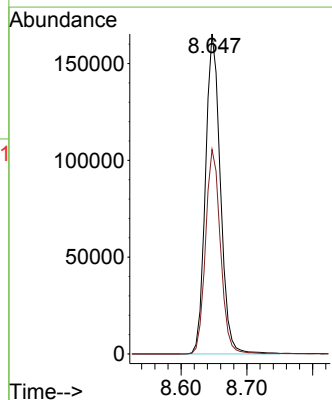
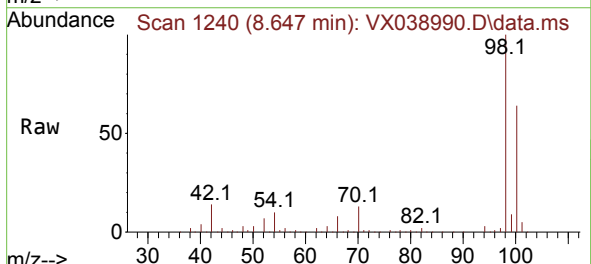
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

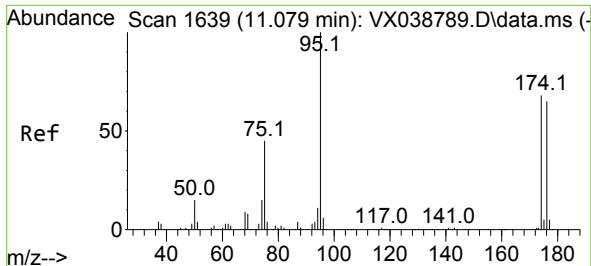
Tgt Ion: 83 Resp: 639
Ion Ratio Lower Upper
83 100
85 49.1 49.8 74.6#
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 45.356 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 98 Resp: 261086
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

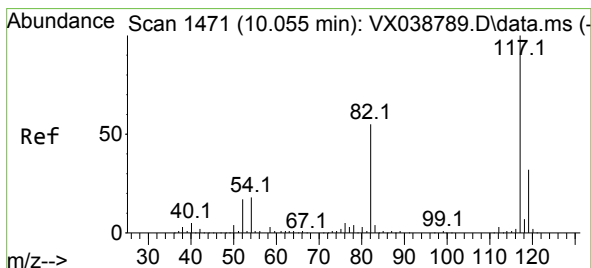
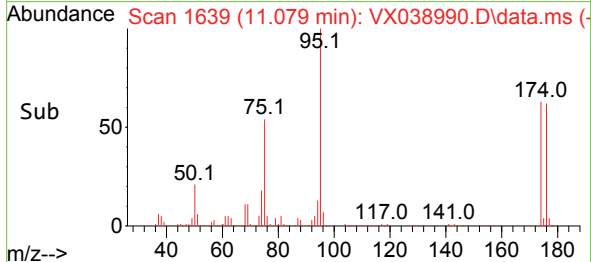
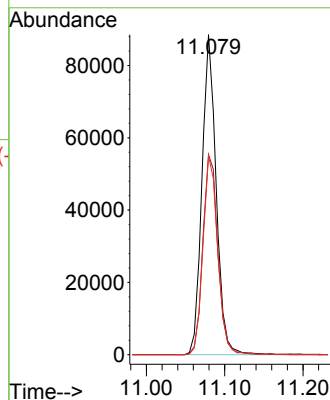
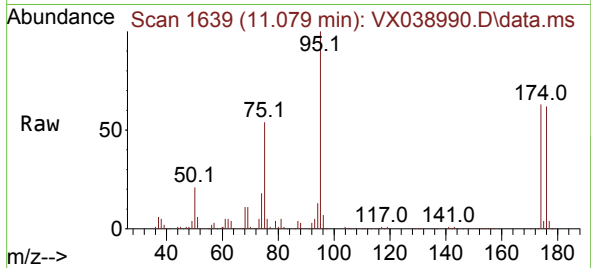




#62
4-Bromofluorobenzene
Concen: 48.406 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

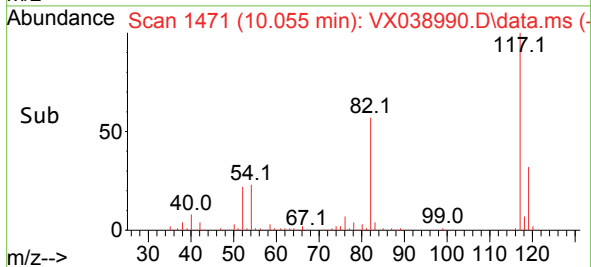
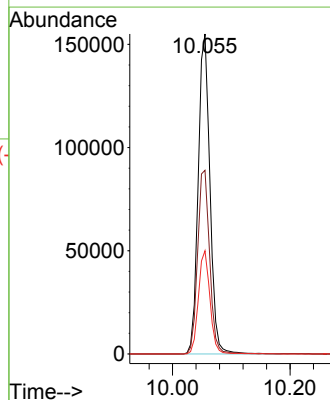
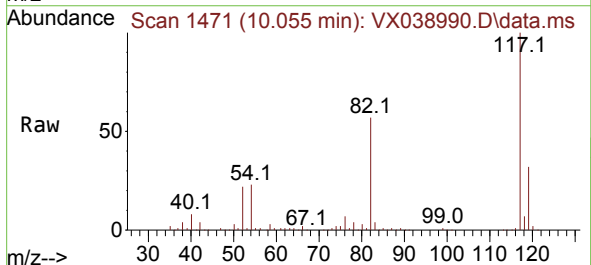
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20231114

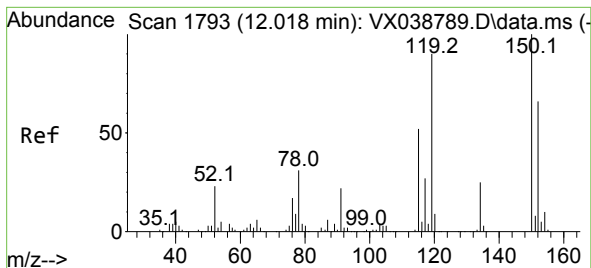
Tgt Ion: 95 Resp: 111543
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.6
176 64.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038990.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 117 Resp: 215071
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038990.D

Acq: 21 Nov 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20231114

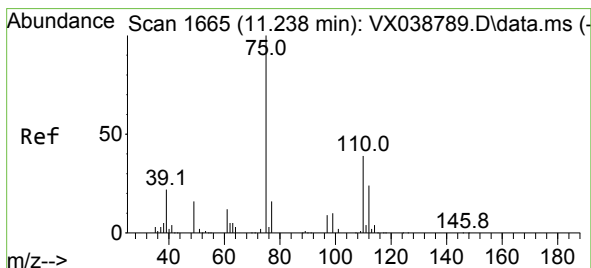
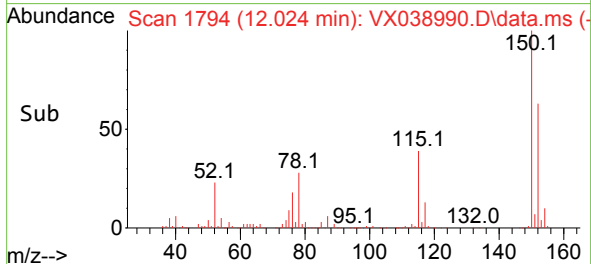
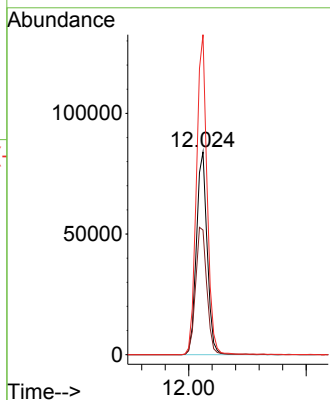
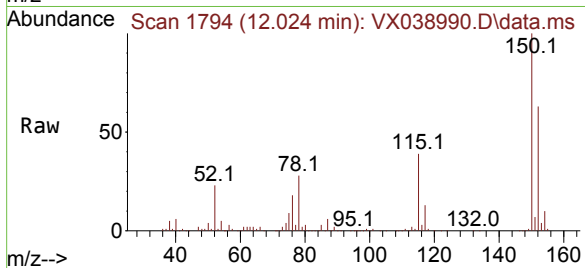
Tgt Ion:152 Resp: 106711

Ion Ratio Lower Upper

152 100

115 65.7 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.889 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038990.D

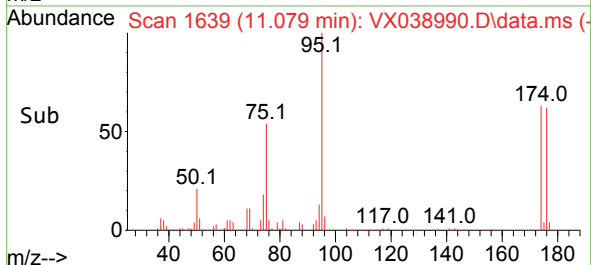
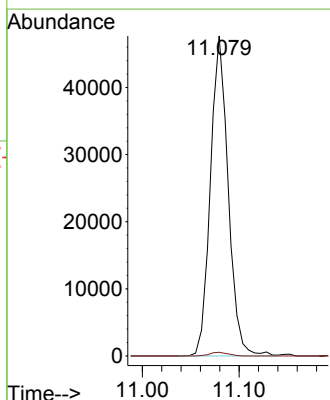
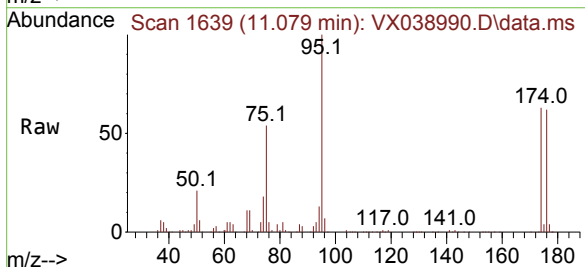
Acq: 21 Nov 2023 17:21

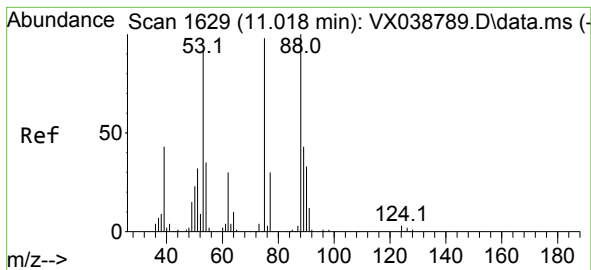
Tgt Ion: 75 Resp: 60939

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.769 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038990.D
 Acq: 21 Nov 2023 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20231114

Tgt Ion: 75 Resp: 60939
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

