

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039008.D
 Acq On : 22 Nov 2023 17:18
 Operator : JC/MD
 Sample : 05407-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114

Quant Time: Nov 23 01:35:55 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)

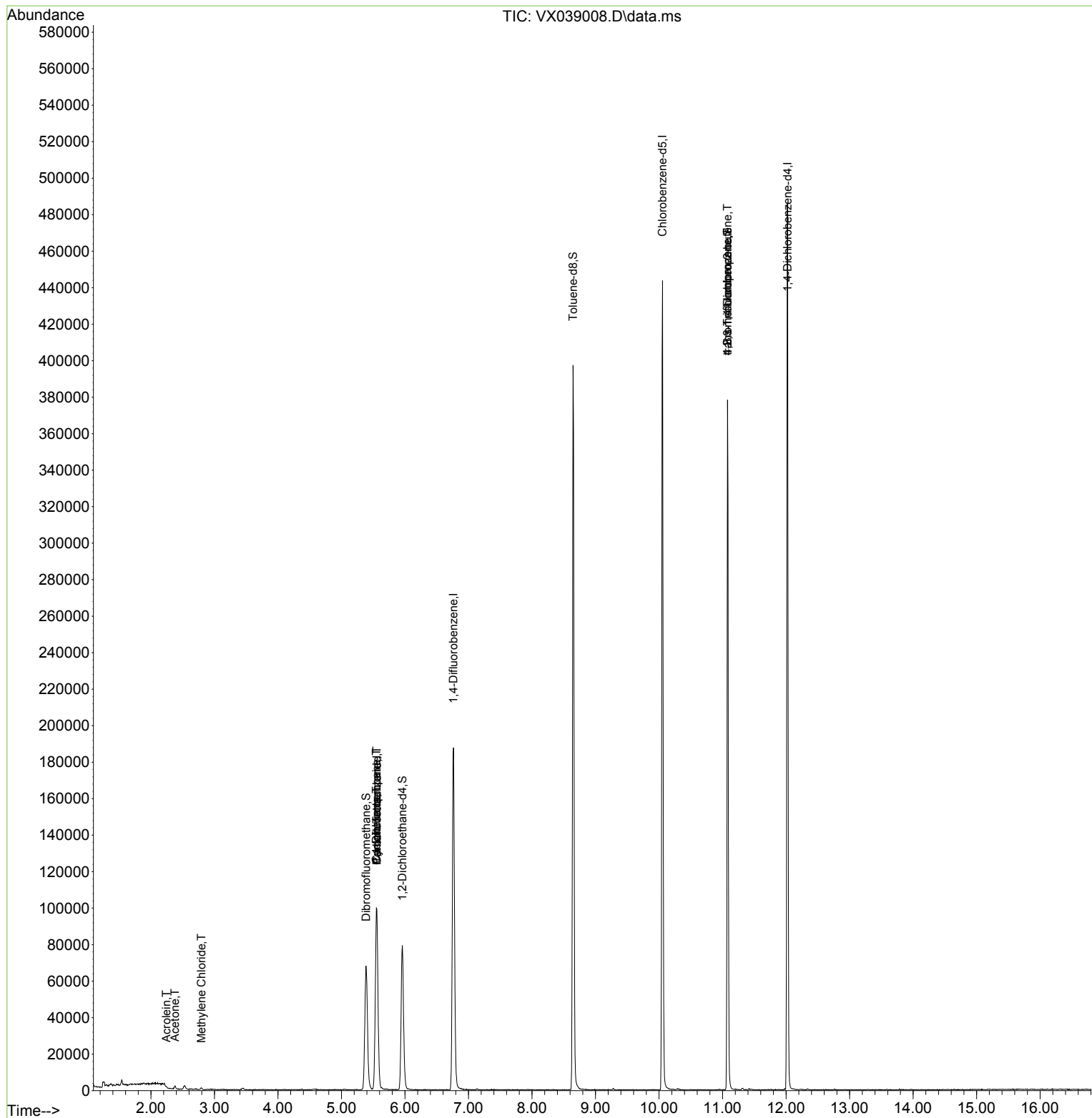
Internal Standards						
1) Pentafluorobenzene	5.556	168	86339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76367	54.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.780%	
35) Dibromofluoromethane	5.385	113	59442	44.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.980%	
50) Toluene-d8	8.647	98	236368	46.242	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.480%	
62) 4-Bromofluorobenzene	11.079	95	102597	50.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.280%	
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	164	0.801	ug/l #	14
16) Acetone	2.380	43	1860	2.511	ug/l	97
20) Methylene Chloride	2.794	84	425	0.318	ug/l #	72
31) Cyclohexane	5.550	56	2638	1.328	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	8230	4.298	ug/l #	42
38) Carbon Tetrachloride	5.556	117	10135	5.727	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	56470	23.435	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56470	51.982	ug/l #	5

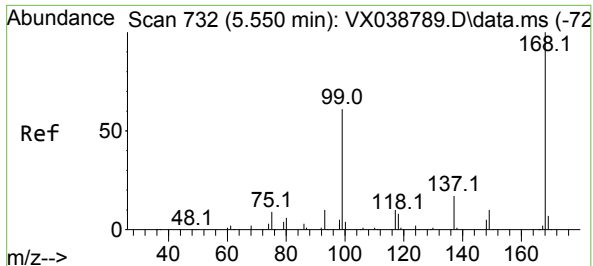
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

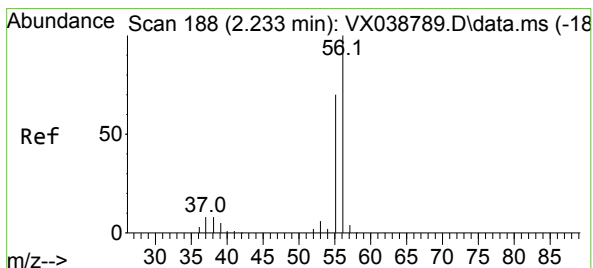
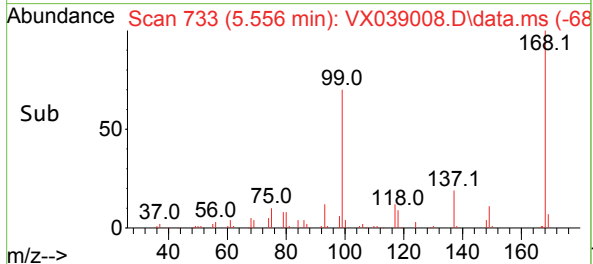
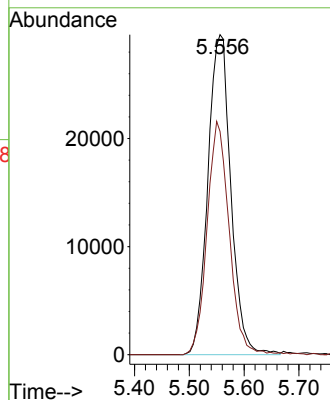
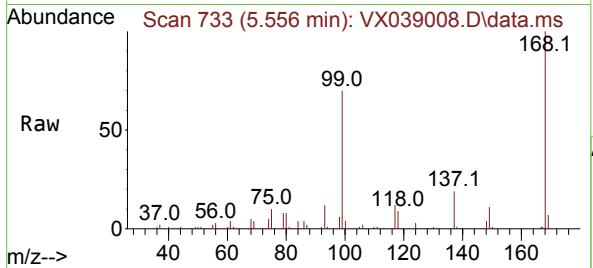




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

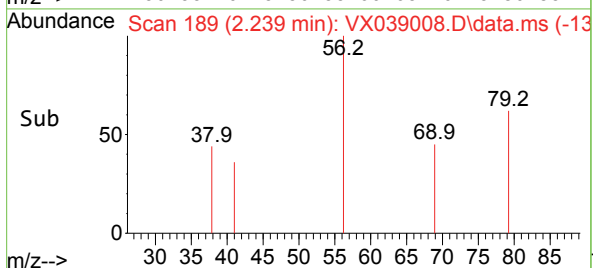
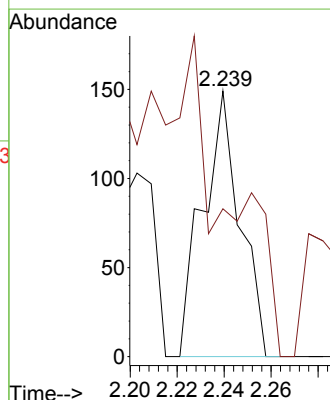
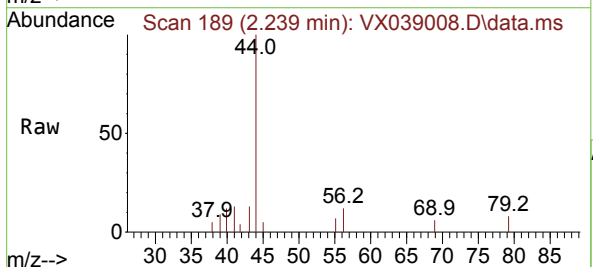
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114

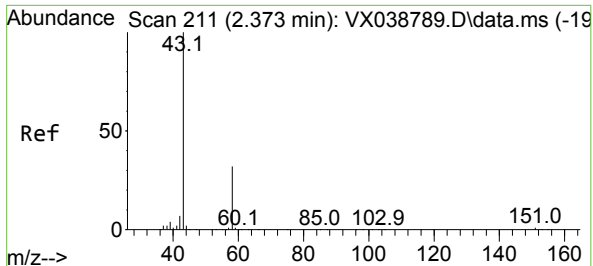
Tgt Ion:168 Resp: 86339
Ion Ratio Lower Upper
168 100
99 69.7 56.6 85.0



#13
Acrolein
Concen: 0.801 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

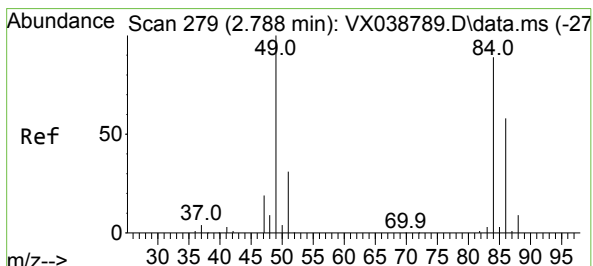
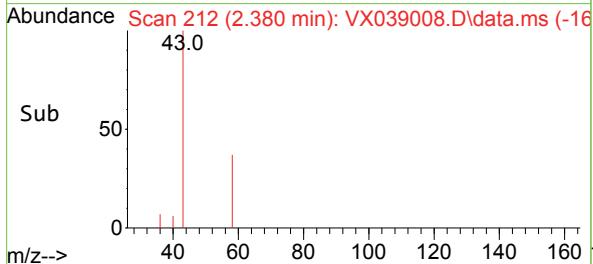
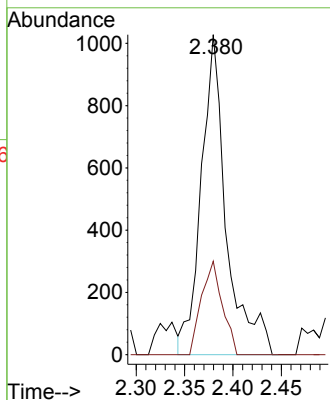
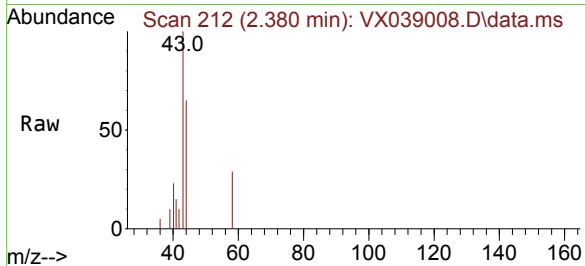




#16
Acetone
Concen: 2.511 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

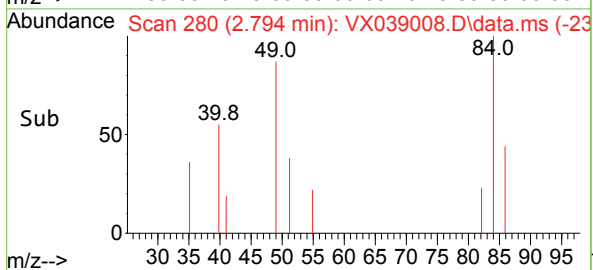
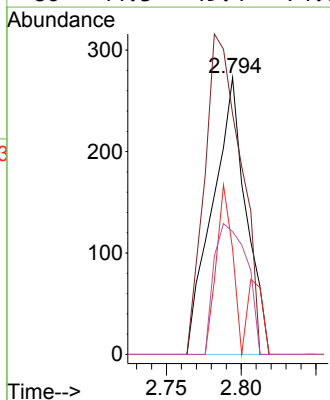
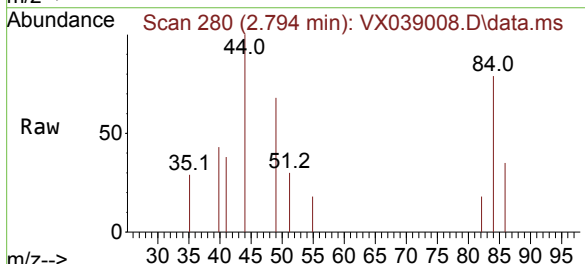
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114

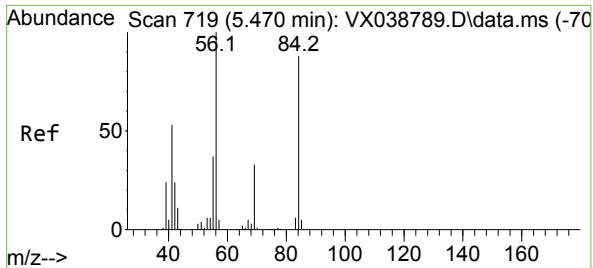
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

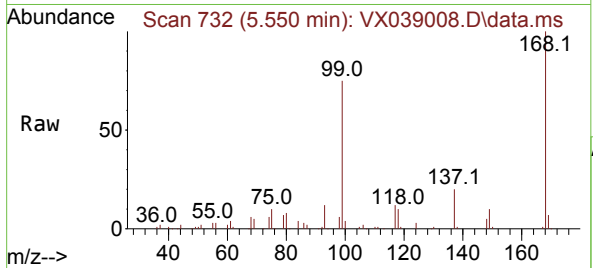
Tgt Ion: 84 Resp: 425
Ion Ratio Lower Upper
84 100
49 86.8 103.6 155.4#
51 38.1 33.8 50.6
86 44.3 49.4 74.0#



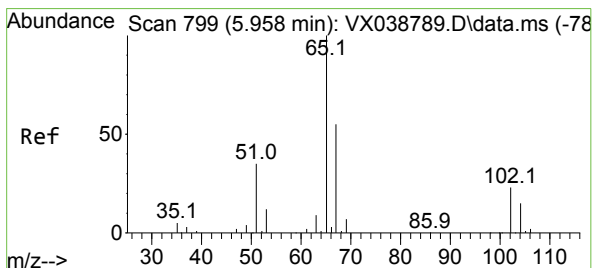
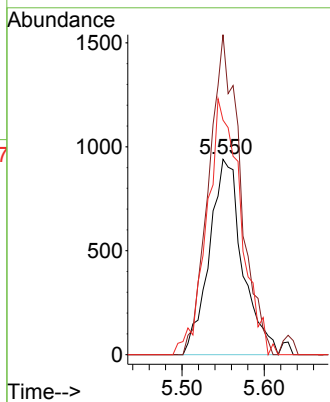
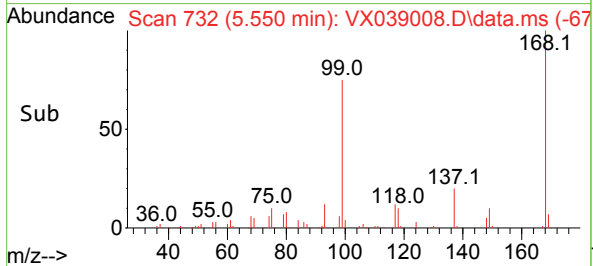


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114

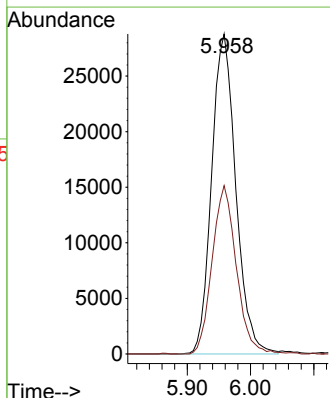
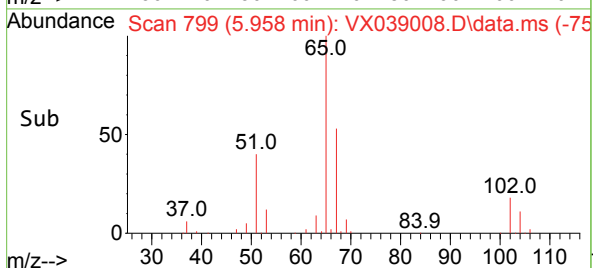
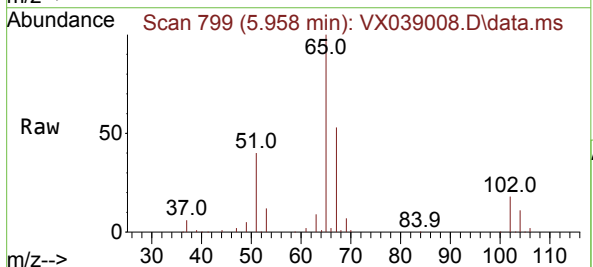


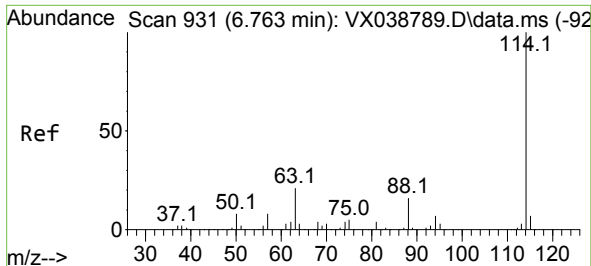
Tgt Ion: 56 Resp: 2638
Ion Ratio Lower Upper
56 100
69 163.7 23.4 35.2#
84 120.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.892 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

Tgt Ion: 65 Resp: 76367
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

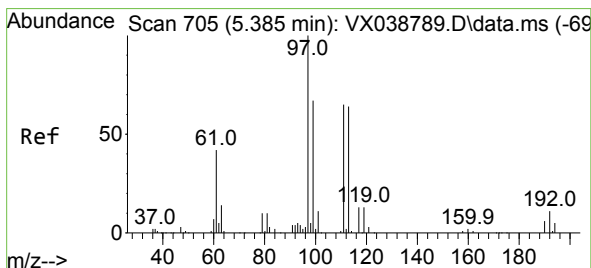
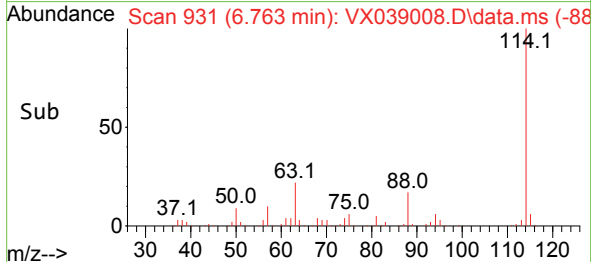
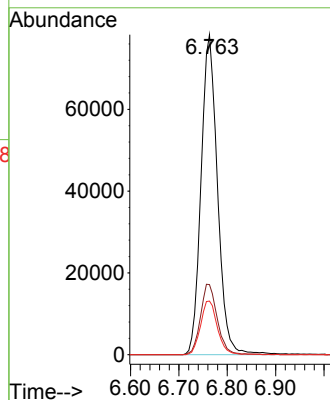
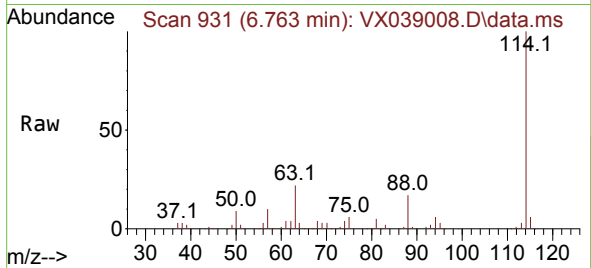




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

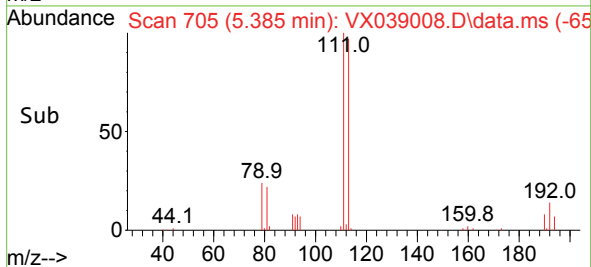
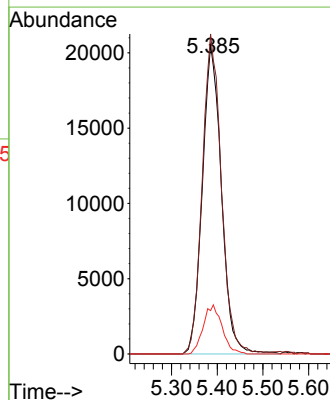
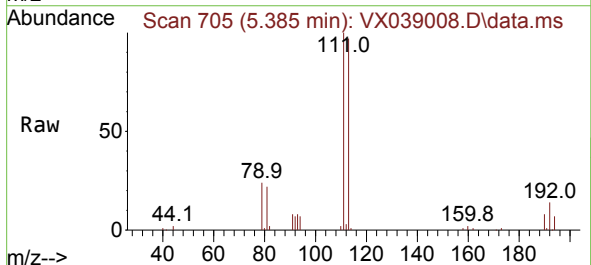
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114

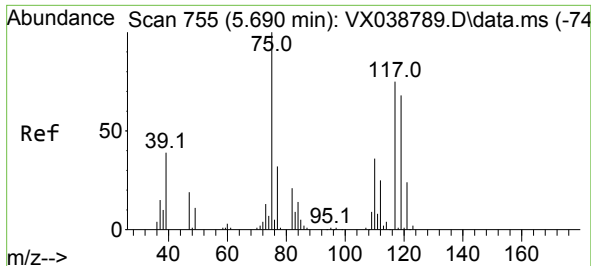
Tgt Ion:114 Resp: 184981
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.493 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

Tgt Ion:113 Resp: 59442
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 15.8 13.3 19.9

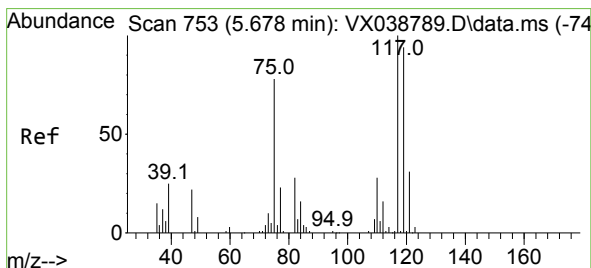
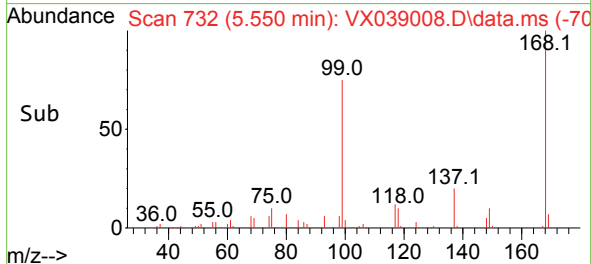
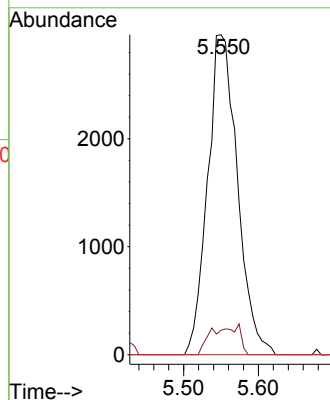
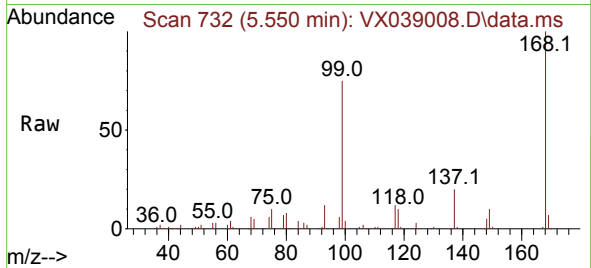




#36
1,1-Dichloropropene
Concen: 4.298 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

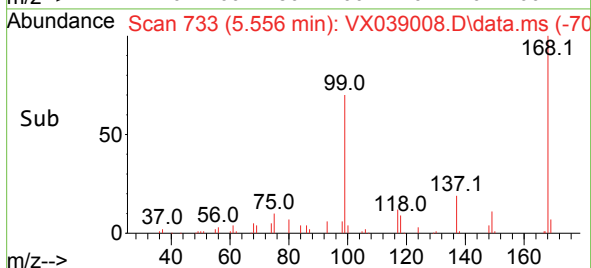
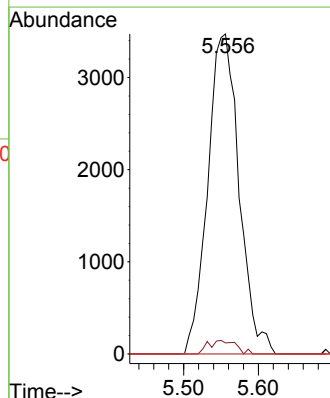
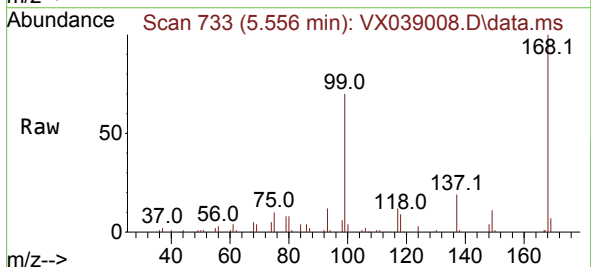
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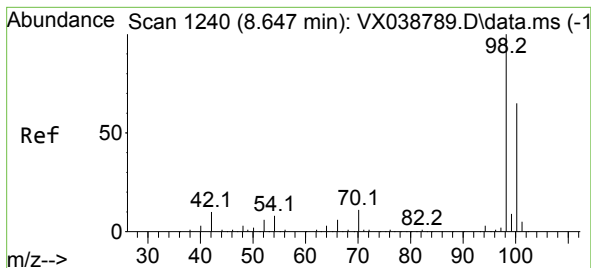
Tgt Ion: 75 Resp: 8230
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

Tgt Ion: 117 Resp: 10135
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.242 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039008.D

Acq: 22 Nov 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

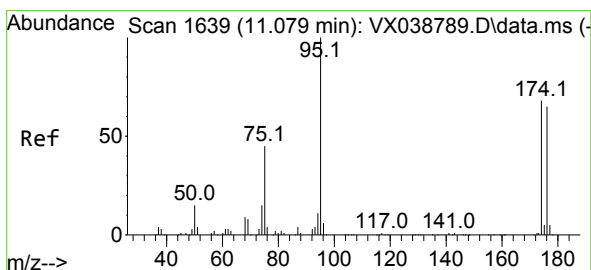
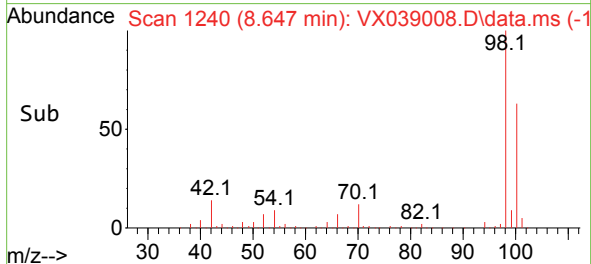
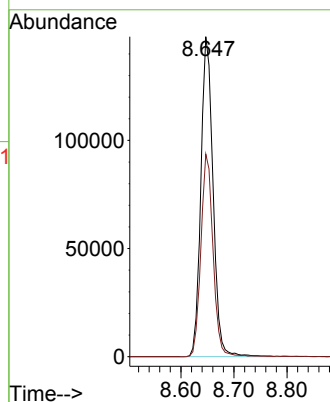
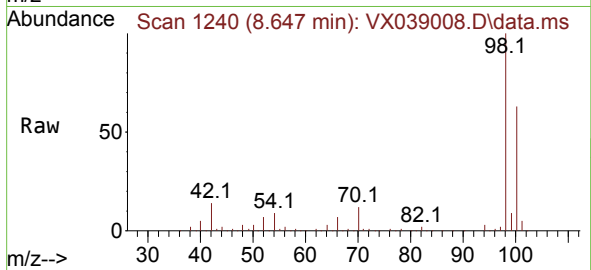
MH-117N-20231114

Tgt Ion: 98 Resp: 236368

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.141 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039008.D

Acq: 22 Nov 2023 17:18

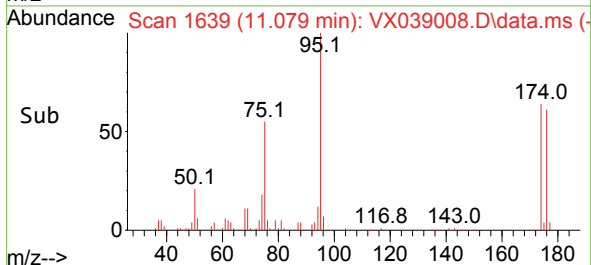
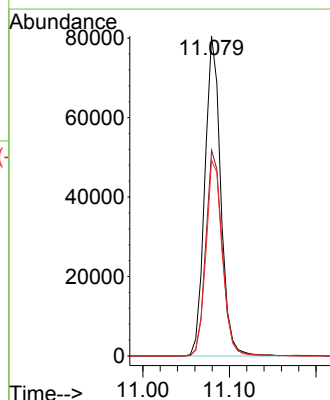
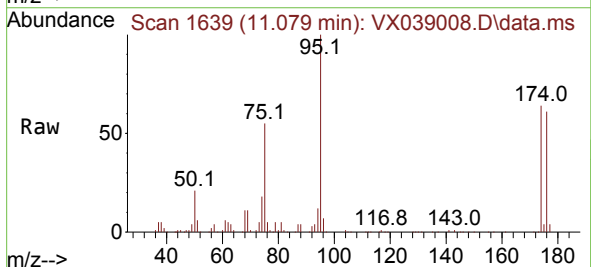
Tgt Ion: 95 Resp: 102597

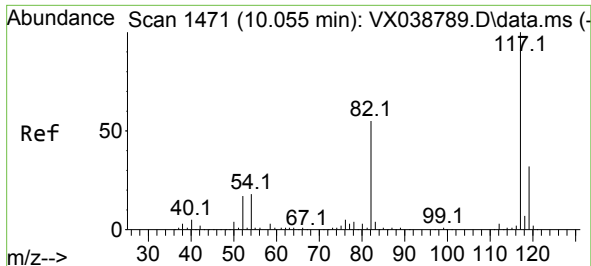
Ion Ratio Lower Upper

95 100

174 66.4 0.0 135.6

176 63.1 0.0 131.0

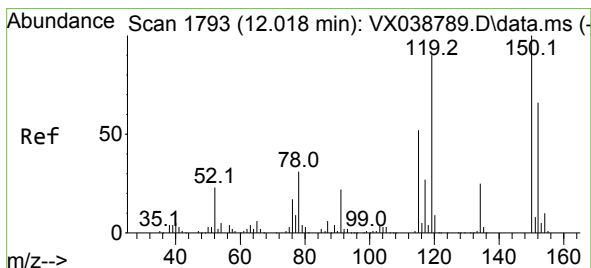
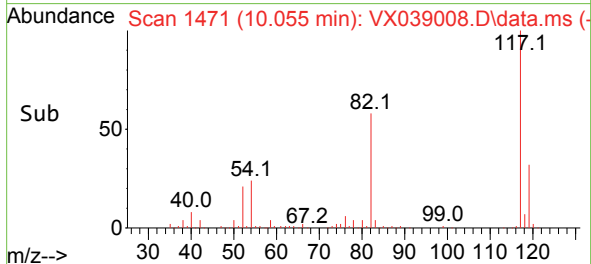
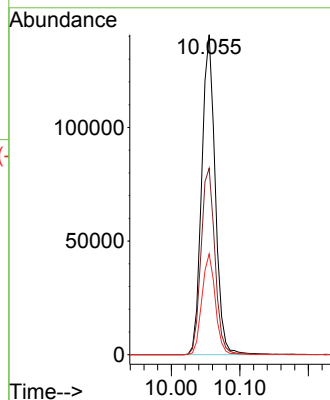
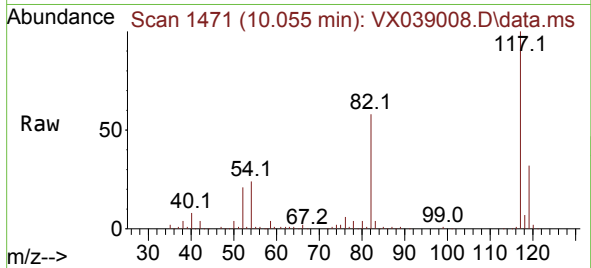




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

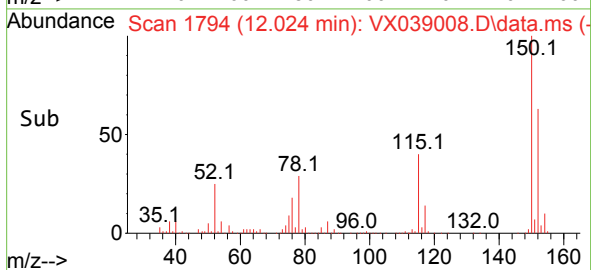
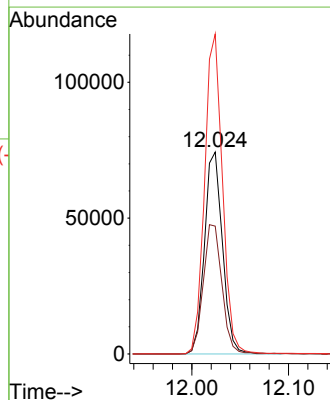
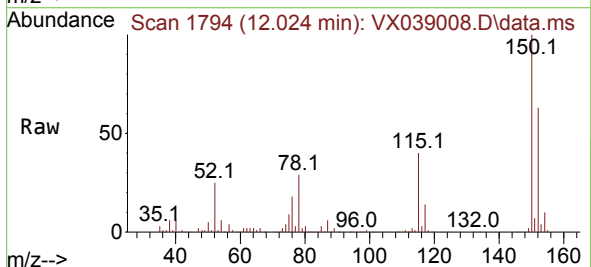
Instrument :
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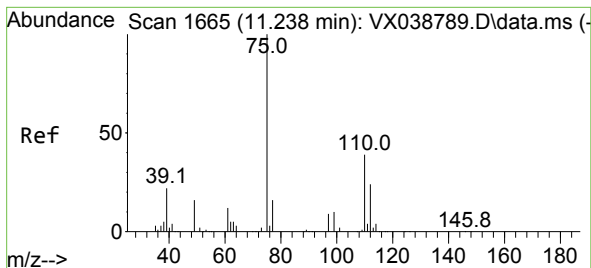
Tgt Ion:117 Resp: 193535
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039008.D
Acq: 22 Nov 2023 17:18

Tgt Ion:152 Resp: 96579
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.435 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039008.D

Acq: 22 Nov 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

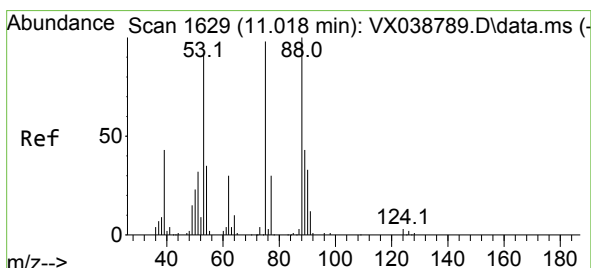
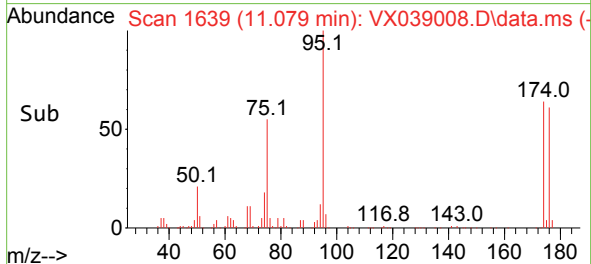
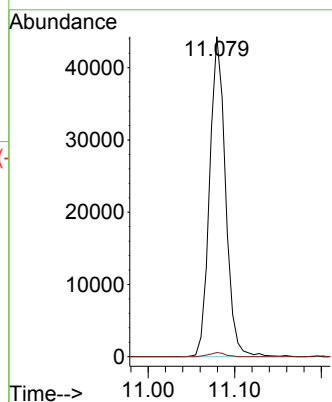
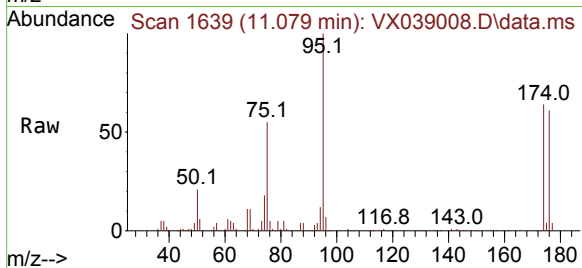
MH-117N-20231114

Tgt Ion: 75 Resp: 56470

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.982 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039008.D

Acq: 22 Nov 2023 17:18

Tgt Ion: 75 Resp: 56470

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

