

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076836.D
 Acq On : 28 Feb 2023 18:33
 Operator : JC\MD
 Sample : 01723-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HH-CON-12

Quant Time: Mar 01 01:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

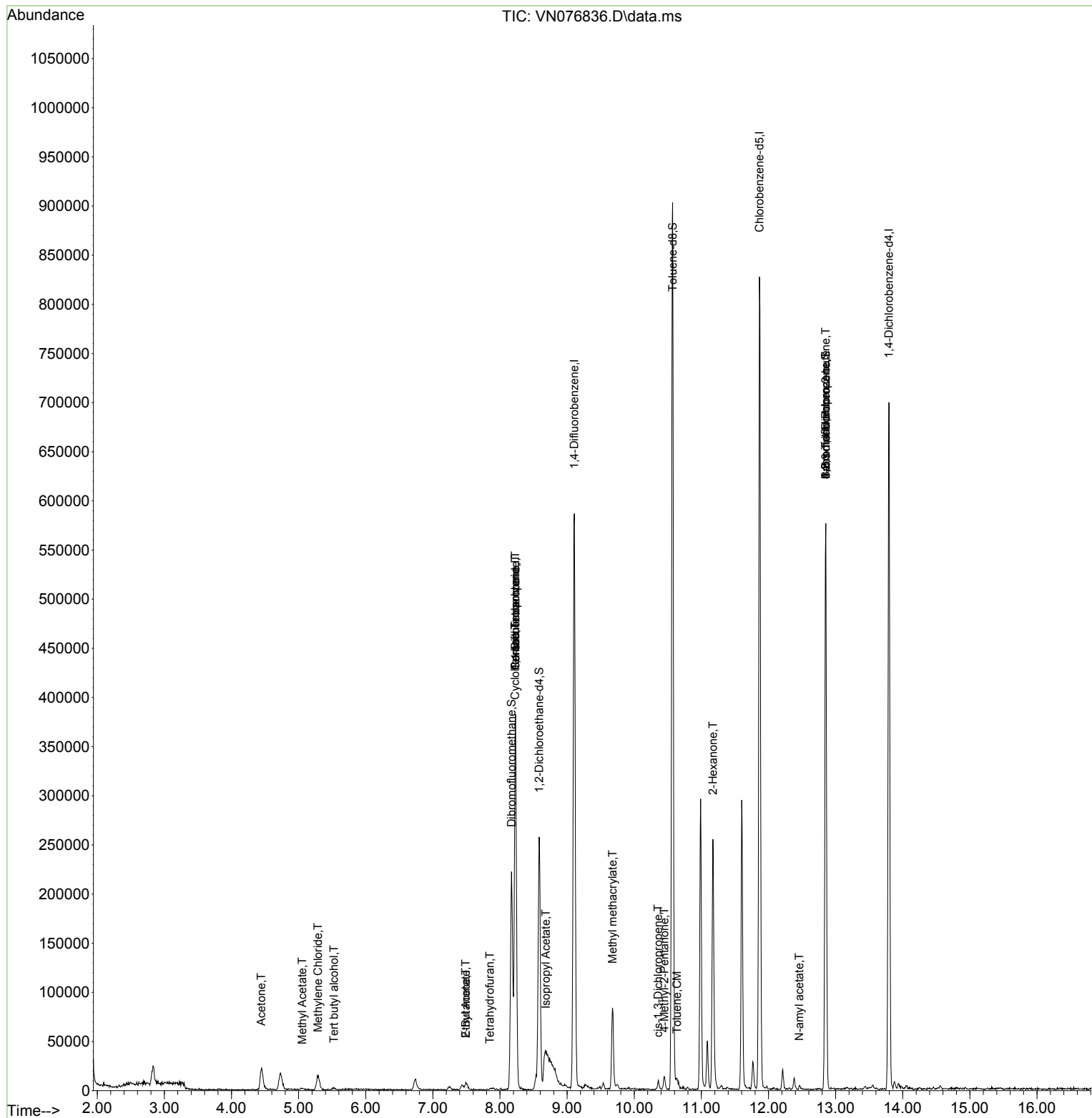
Internal Standards						
1) Pentafluorobenzene	8.231	168	261618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	500287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	456907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	174380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199894	55.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.660%			
35) Dibromofluoromethane	8.172	113	153200	46.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.520%			
50) Toluene-d8	10.572	98	600565	49.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	12.854	95	182162	44.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.900%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.525	59	1211	2.540	ug/l #	71
16) Acetone	4.443	43	44438	27.538	ug/l #	88
18) Methyl Acetate	5.054	43	2965	0.563	ug/l #	90
20) Methylene Chloride	5.290	84	11154	3.298	ug/l #	78
25) 2-Butanone	7.489	43	12339	5.184	ug/l	93
29) Tetrahydrofuran	7.848	42	315	0.203	ug/l #	40
31) Cyclohexane	8.225	56	7684	1.356	ug/l #	23
36) 1,1-Dichloropropene	8.231	75	23221	4.906	ug/l #	52
37) Ethyl Acetate	7.489	43	12339	2.477	ug/l #	71
38) Carbon Tetrachloride	8.231	117	27106	5.676	ug/l #	18
43) Isopropyl Acetate	8.683	43	52466	6.474	ug/l #	58
48) Methyl methacrylate	9.678	41	6016	1.564	ug/l #	35
51) 4-Methyl-2-Pentanone	10.448	43	10427	2.022	ug/l	97
52) Toluene	10.636	92	3234	0.368	ug/l	98
54) cis-1,3-Dichloropropene	10.354	75	1434	0.261	ug/l #	61
59) 2-Hexanone	11.172	43	208804	56.161	ug/l #	27
71) Bromoform	12.854	173	2012	0.780	ug/l #	1
74) N-amyl acetate	12.460	43	3544	0.615	ug/l #	48
76) 1,2,3-Trichloropropane	12.854	75	103938	29.482	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	103938	85.868	ug/l #	4

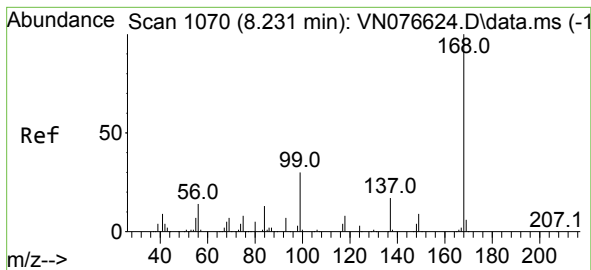
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
Data File : VN076836.D
Acq On : 28 Feb 2023 18:33
Operator : JC\MD
Sample : 01723-24
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

Quant Time: Mar 01 01:32:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

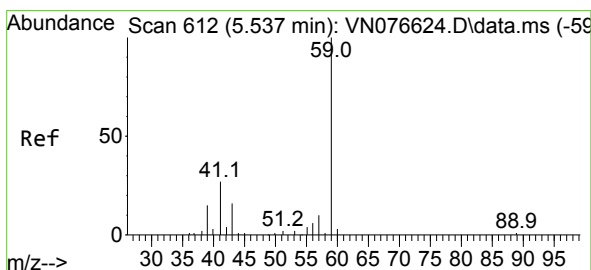
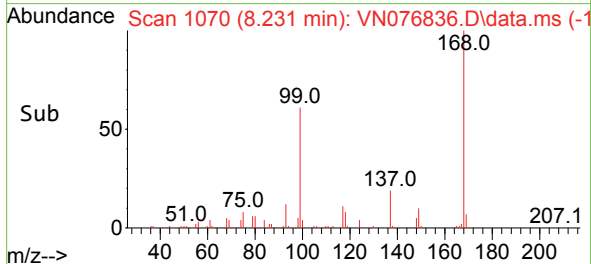
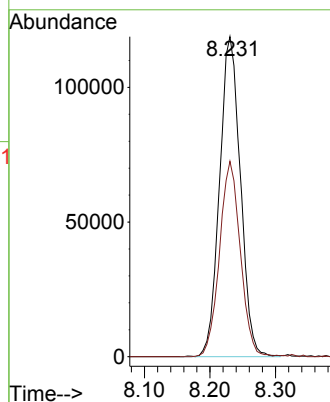
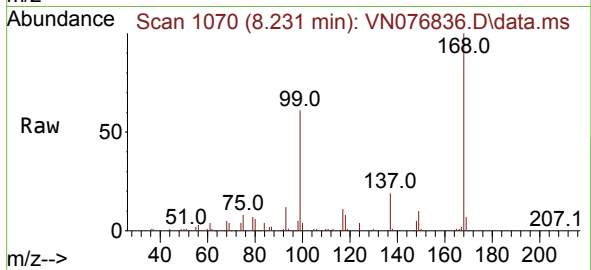




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

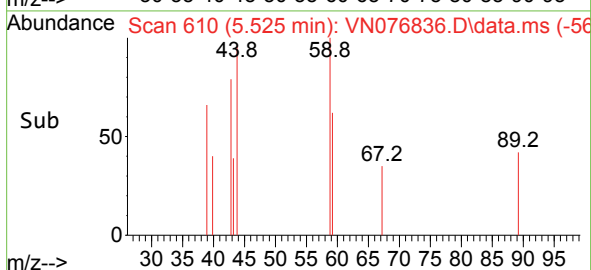
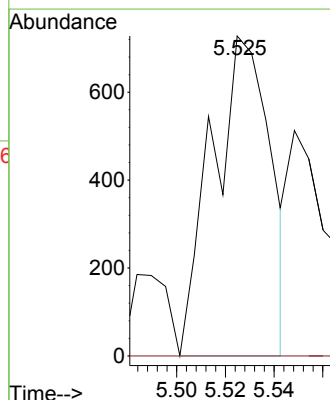
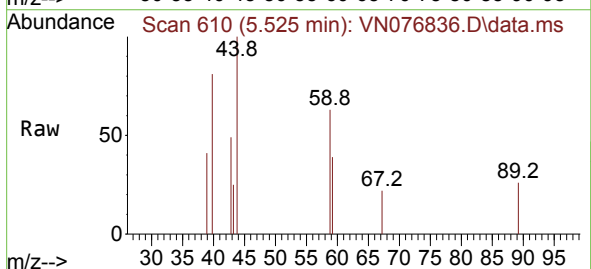
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

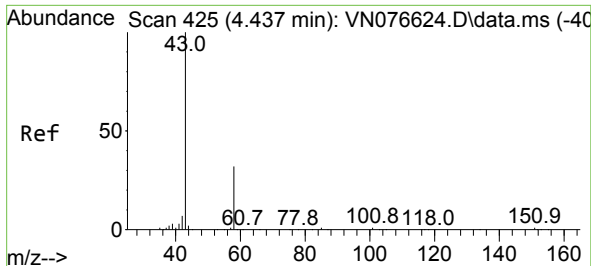
Tgt Ion:168 Resp: 261618
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 2.540 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 59 Resp: 1211
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

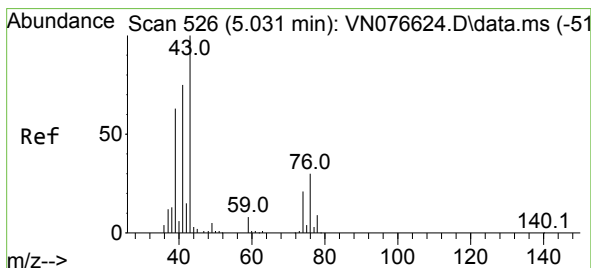
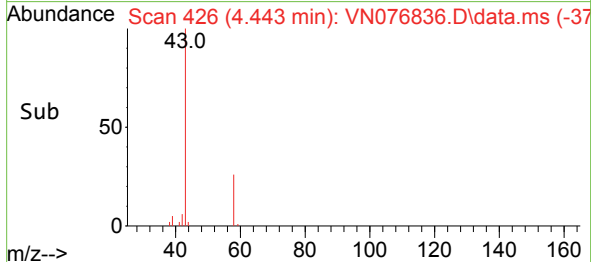
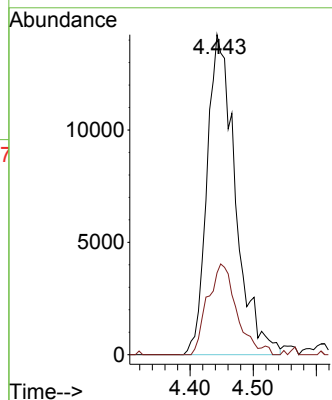
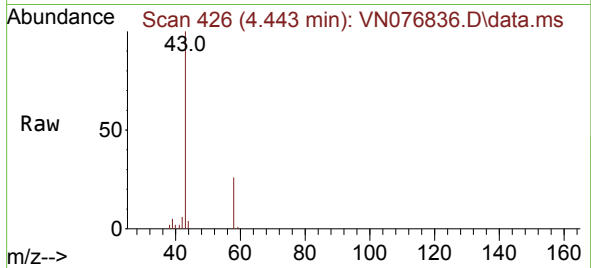




#16
Acetone
Concen: 27.538 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

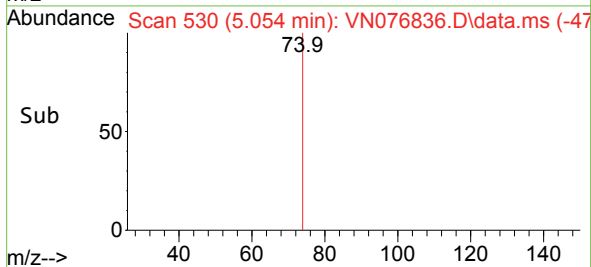
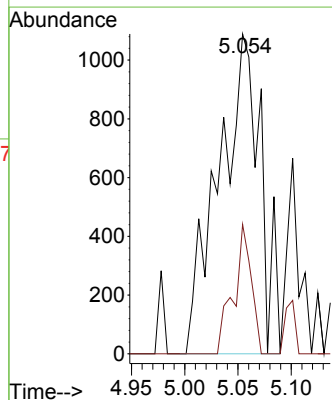
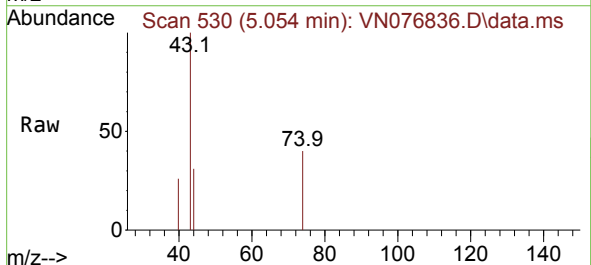
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

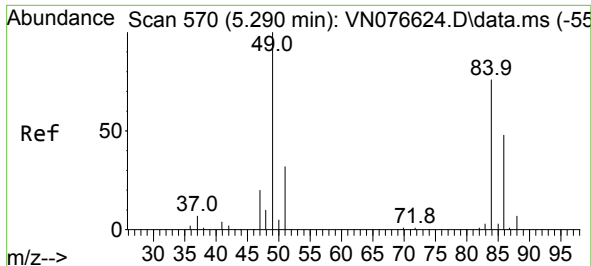
Tgt Ion: 43 Resp: 44438
Ion Ratio Lower Upper
43 100
58 25.6 25.9 38.9#



#18
Methyl Acetate
Concen: 0.563 ug/l
RT: 5.054 min Scan# 530
Delta R.T. 0.023 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 43 Resp: 2965
Ion Ratio Lower Upper
43 100
74 17.1 17.7 26.5#

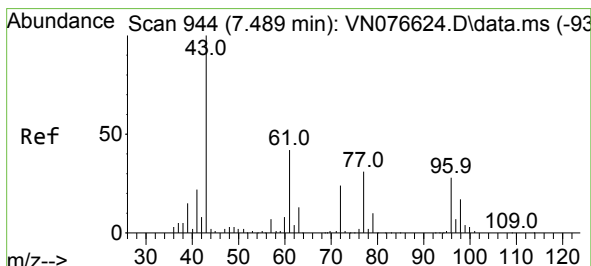
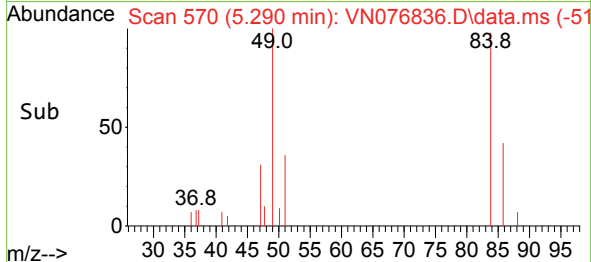
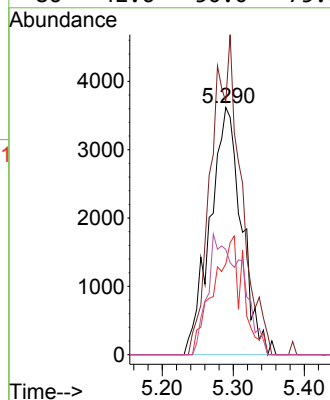
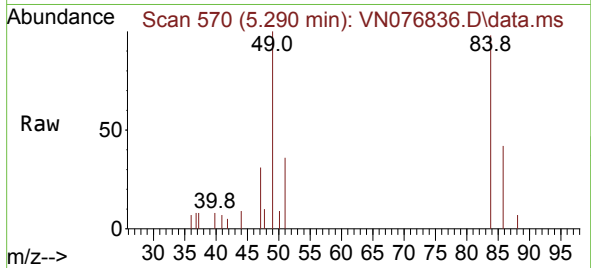




#20
Methylene Chloride
Concen: 3.298 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

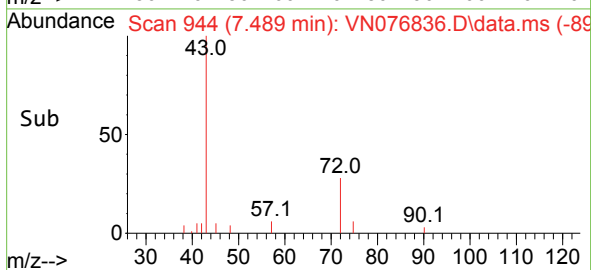
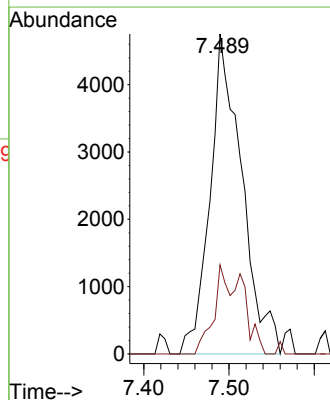
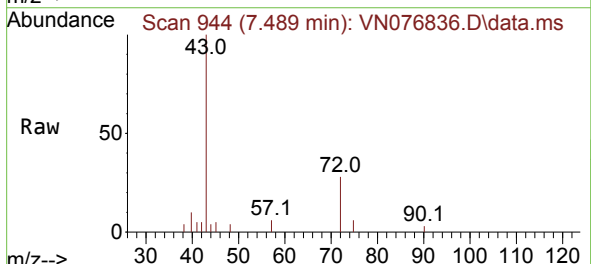
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

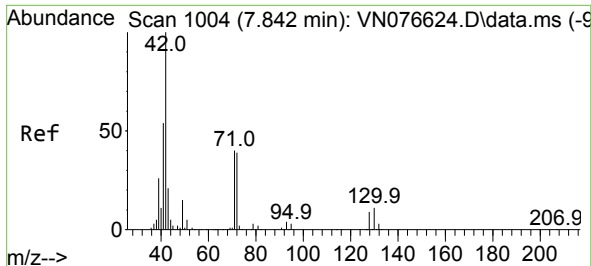
Tgt Ion: 84 Resp: 11154
Ion Ratio Lower Upper
84 100
49 102.3 104.9 157.3#
51 36.8 33.8 50.8
86 42.6 50.0 75.0#



#25
2-Butanone
Concen: 5.184 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 43 Resp: 12339
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 7.848 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

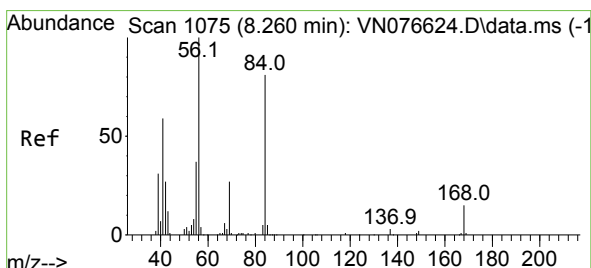
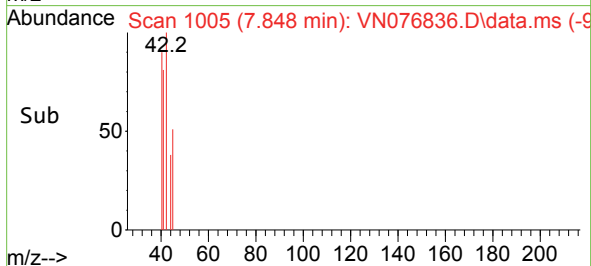
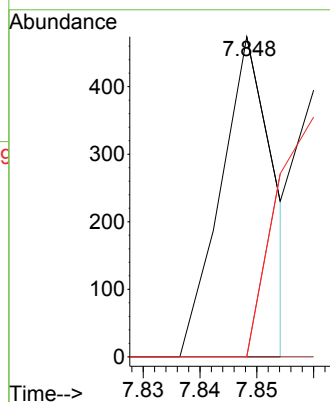
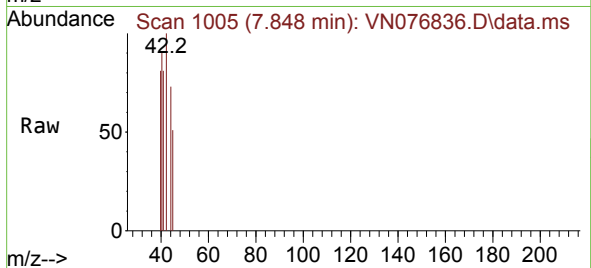
Instrument :

MSVOA_N

ClientSampleId :

HH-CON-12

Tgt Ion: 42	Resp:	315
Ion Ratio	Lower	Upper
42	100	
72	0.0	31.5 47.3#
71	70.2	29.8 44.8#



#31

Cyclohexane

Concen: 1.356 ug/l

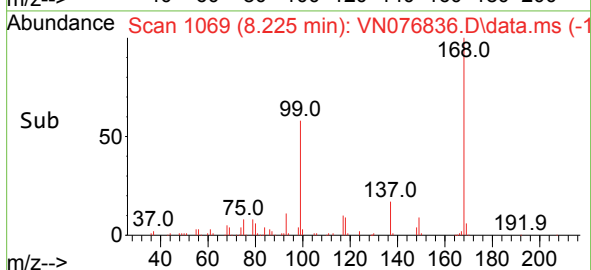
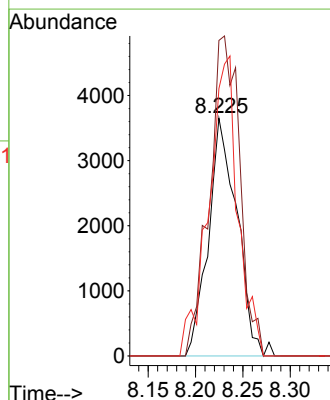
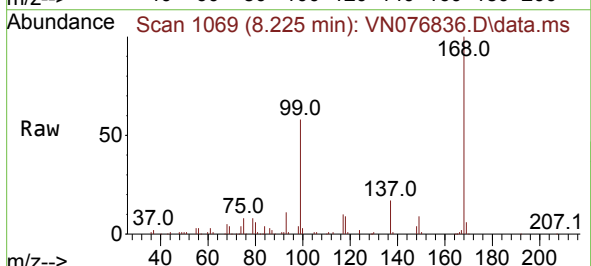
RT: 8.225 min Scan# 1069

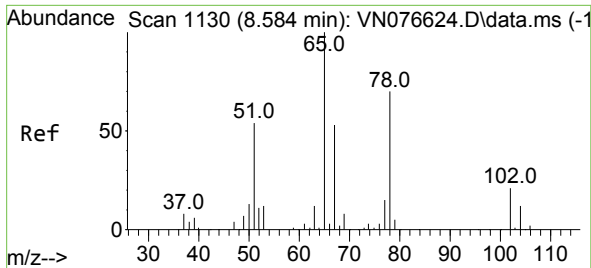
Delta R.T. -0.035 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

Tgt Ion: 56	Resp:	7684
Ion Ratio	Lower	Upper
56	100	
69	132.7	21.6 32.4#
84	112.4	65.1 97.7#





#33

1,2-Dichloroethane-d4

Concen: 55.333 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

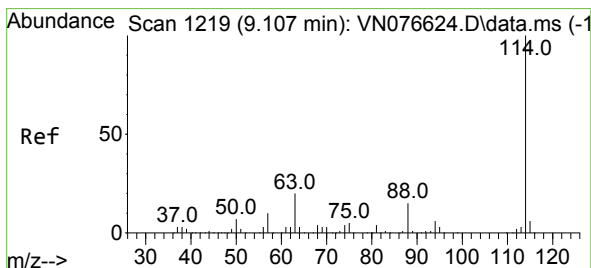
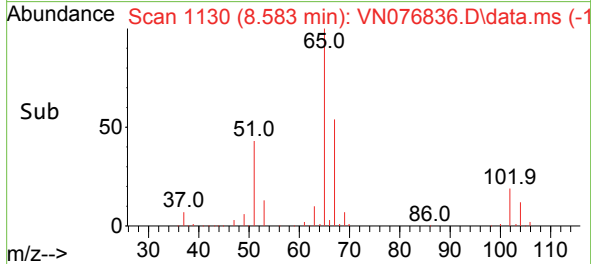
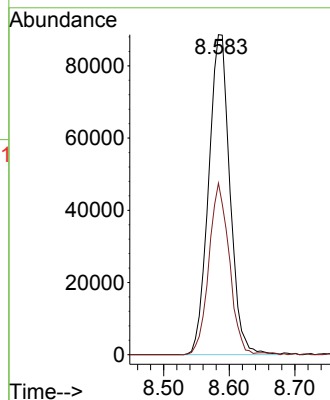
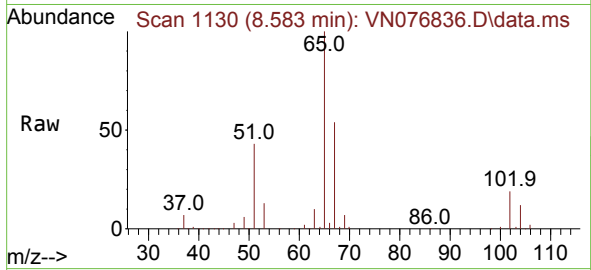
HH-CON-12

Tgt Ion: 65 Resp: 199894

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

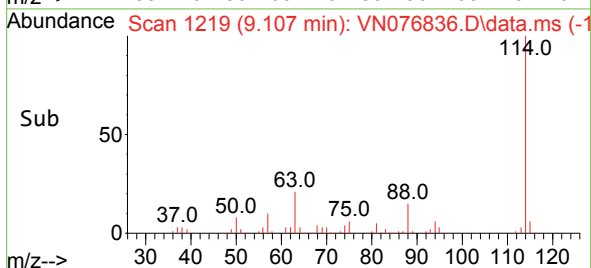
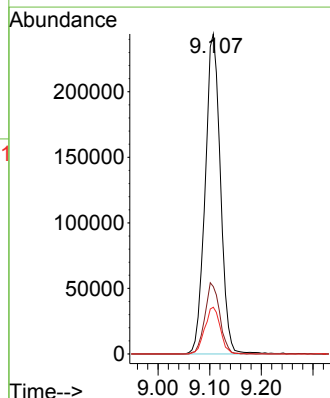
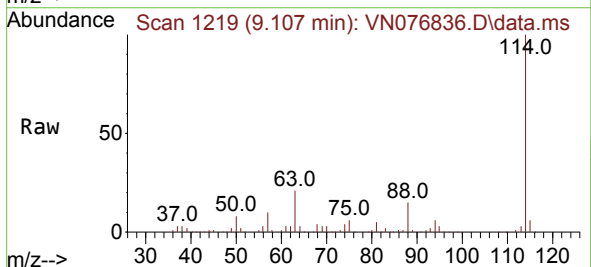
Tgt Ion: 114 Resp: 500287

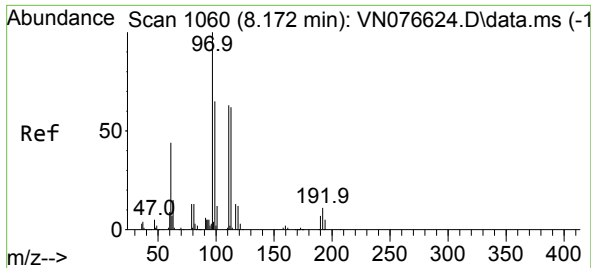
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.6 0.0 29.6

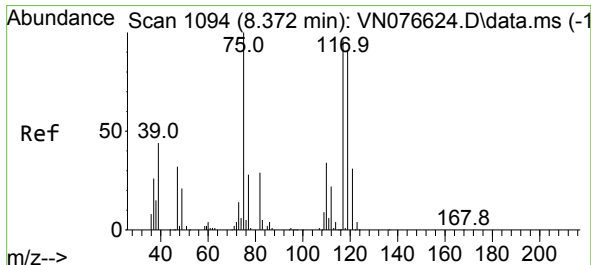
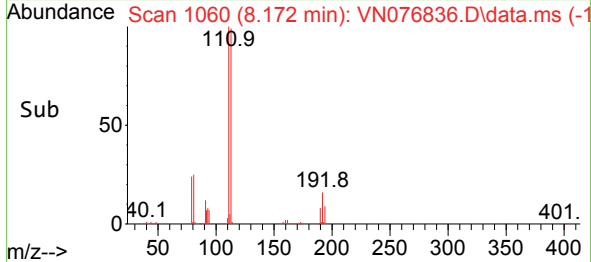
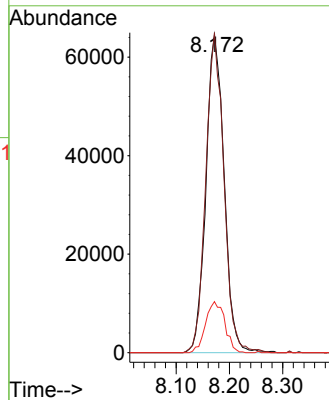
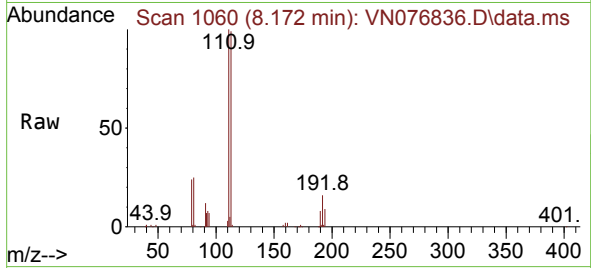




#35
Dibromofluoromethane
Concen: 46.760 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

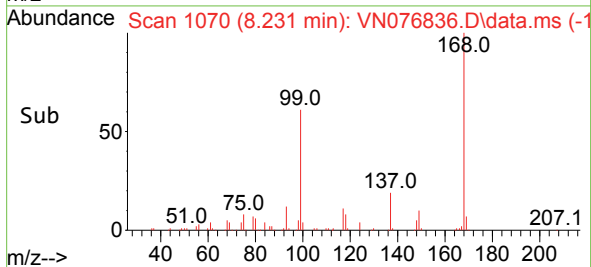
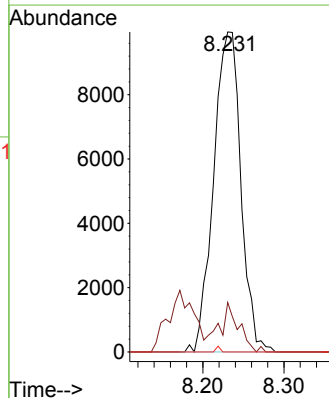
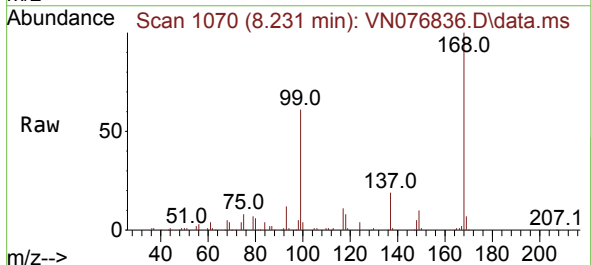
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

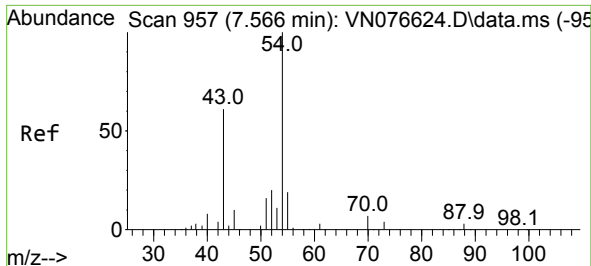
Tgt Ion:113 Resp: 153200
Ion Ratio Lower Upper
113 100
111 99.8 83.1 124.7
192 17.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 75 Resp: 23221
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.3 24.5 36.7#

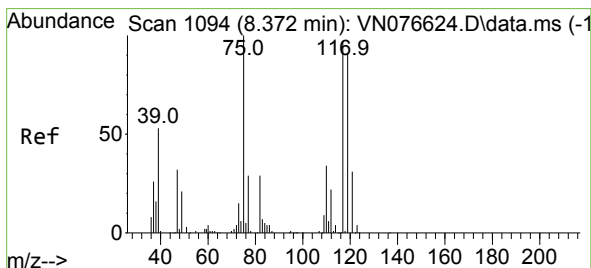
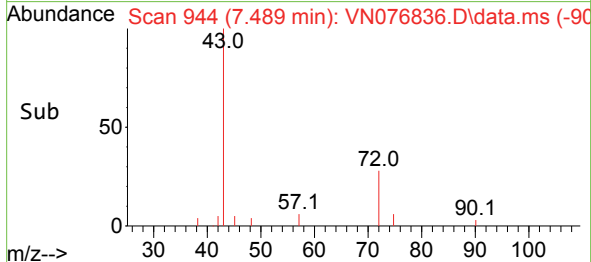
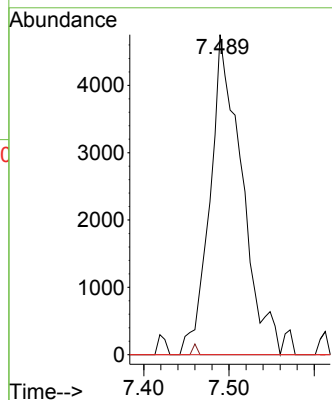
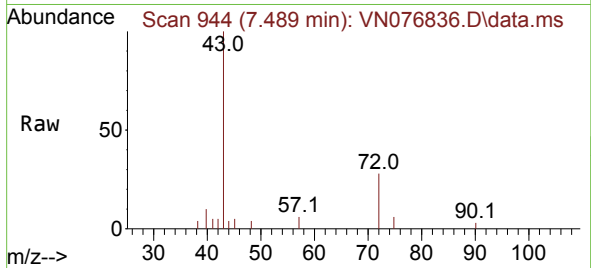




#37
Ethyl Acetate
Concen: 2.477 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.077 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

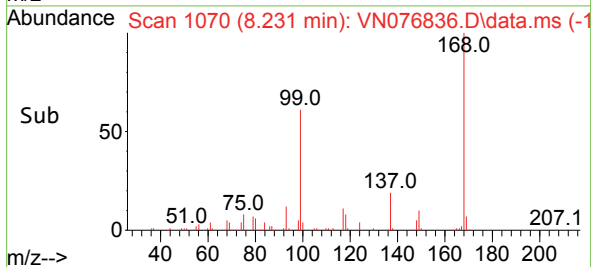
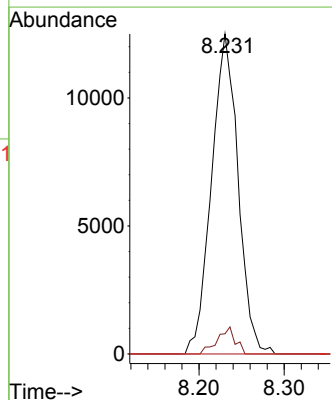
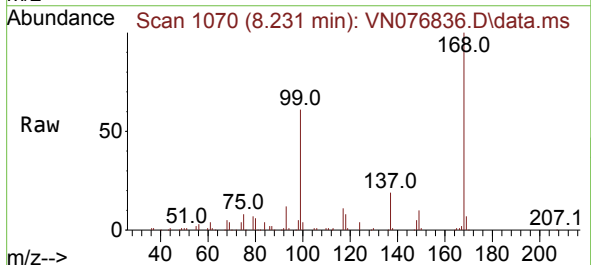
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

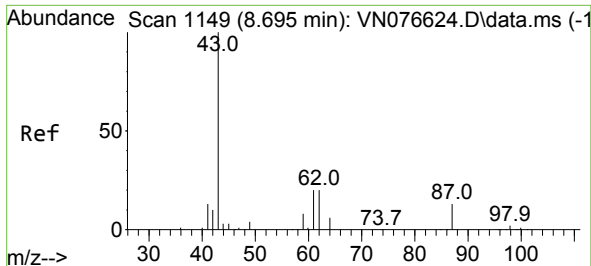
Tgt Ion: 43 Resp: 12339
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 117 Resp: 27106
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.0#
121 0.0 26.0 39.0#

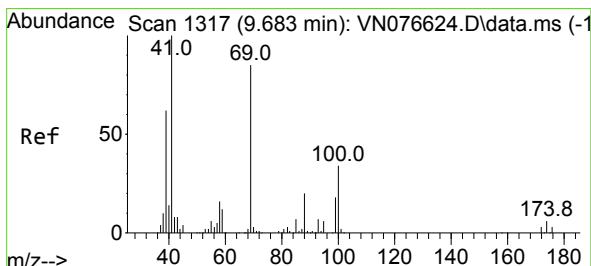
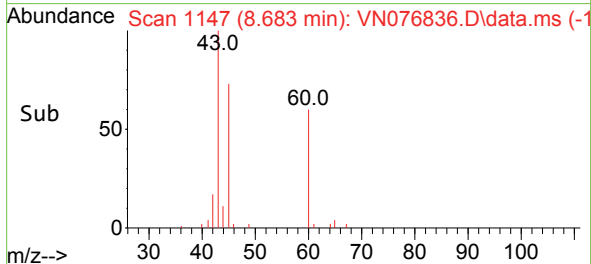
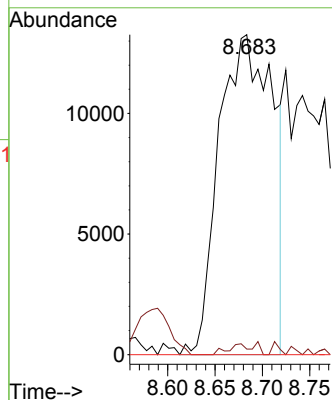
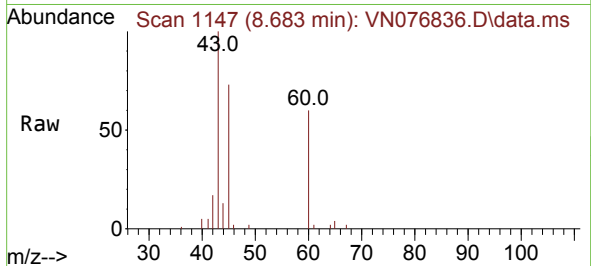




#43
Isopropyl Acetate
Concen: 6.474 ug/l
RT: 8.683 min Scan# 1147
Delta R.T. -0.012 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

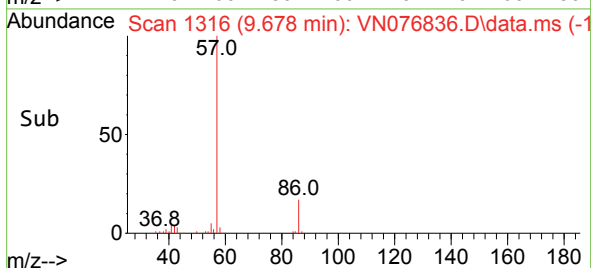
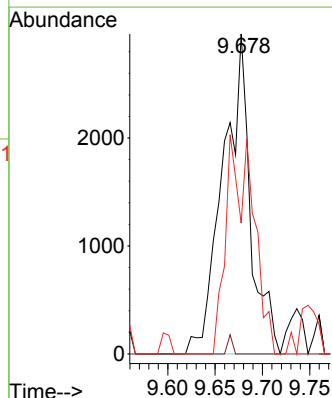
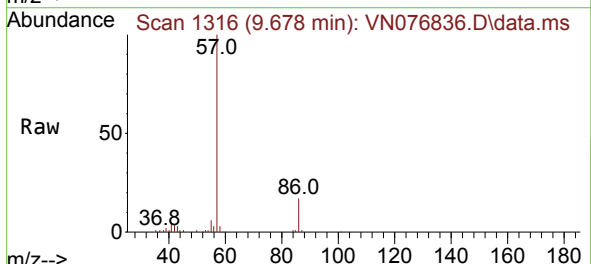
Instrument : MSVOA_N
ClientSampleId : HH-CON-12

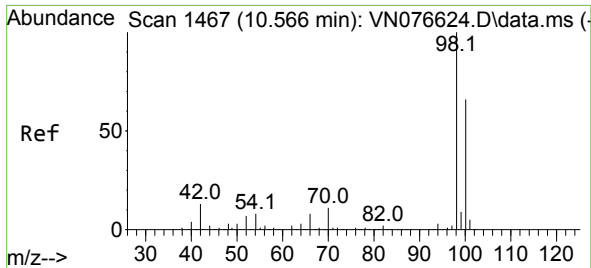
Tgt Ion: 43 Resp: 52466
Ion Ratio Lower Upper
43 100
61 1.7 20.0 30.0#
87 0.0 9.9 14.9#



#48
Methyl methacrylate
Concen: 1.564 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 41 Resp: 6016
Ion Ratio Lower Upper
41 100
69 1.0 65.4 98.0#
39 36.7 49.3 73.9#

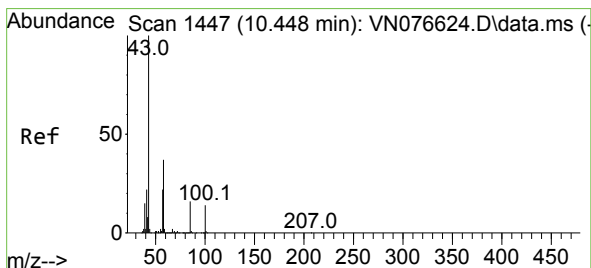
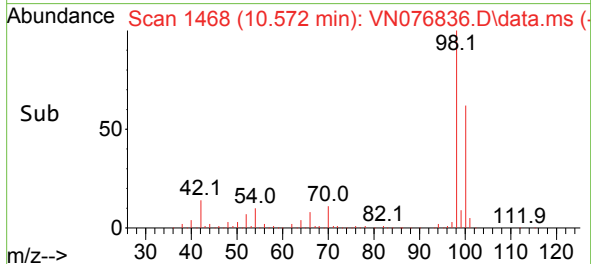
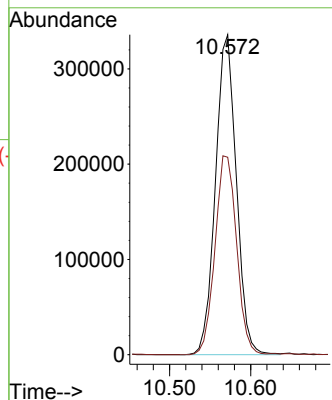
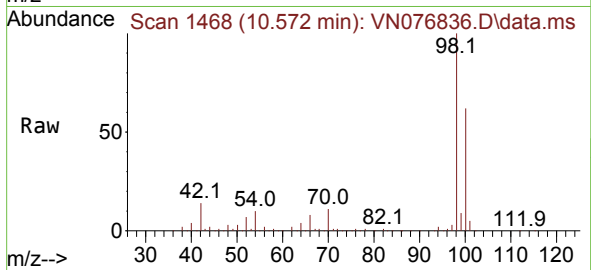




#50
Toluene-d8
Concen: 49.084 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

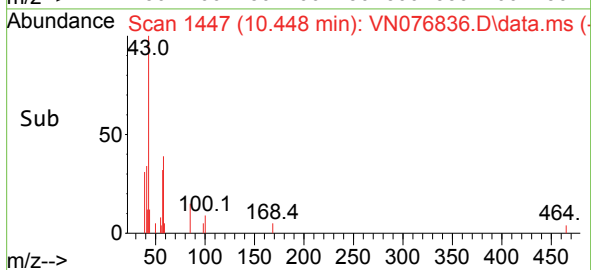
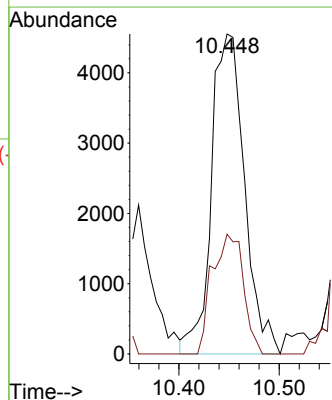
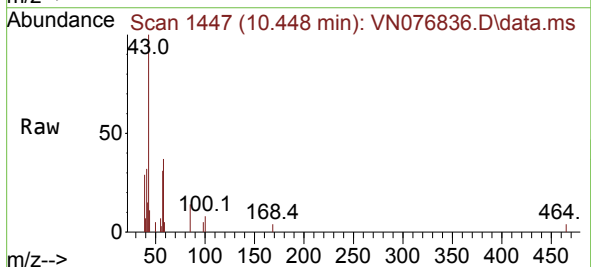
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

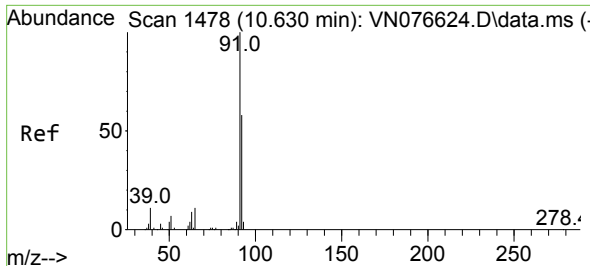
Tgt Ion: 98 Resp: 600565
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 2.022 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 43 Resp: 10427
Ion Ratio Lower Upper
43 100
58 35.3 29.5 44.3

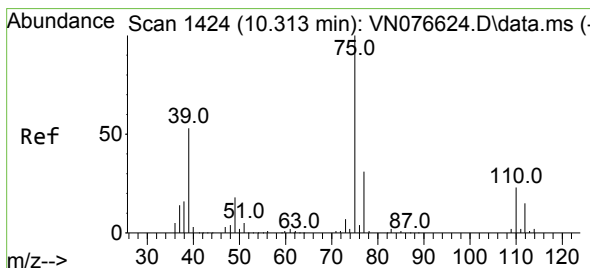
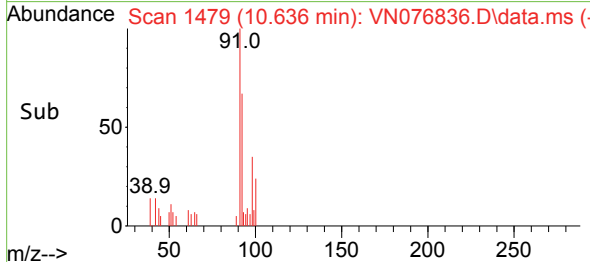
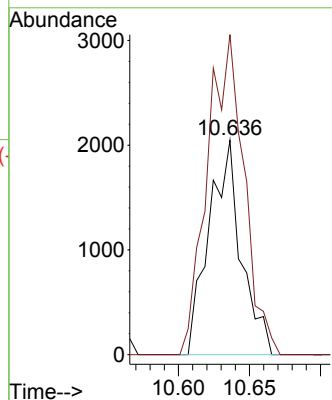
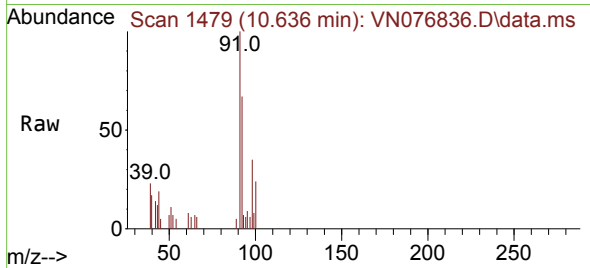




#52
Toluene
Concen: 0.368 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

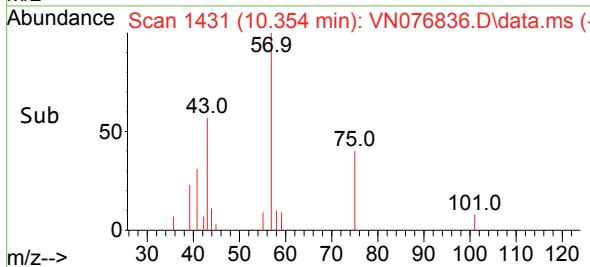
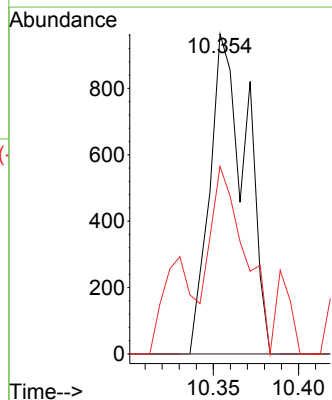
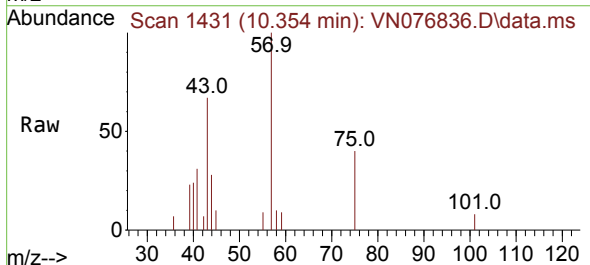
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

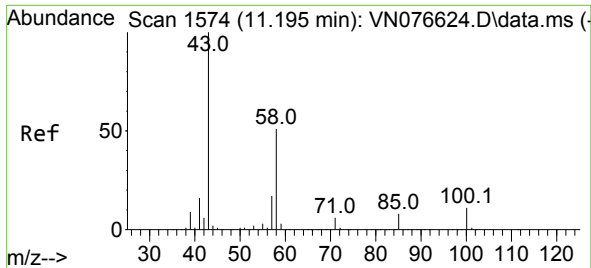
Tgt Ion: 92 Resp: 3234
Ion Ratio Lower Upper
92 100
91 170.0 138.0 207.0



#54
cis-1,3-Dichloropropene
Concen: 0.261 ug/l
RT: 10.354 min Scan# 1431
Delta R.T. 0.041 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 75 Resp: 1434
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 32.5 42.3 63.5#

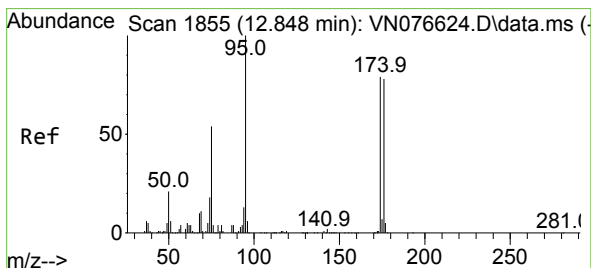
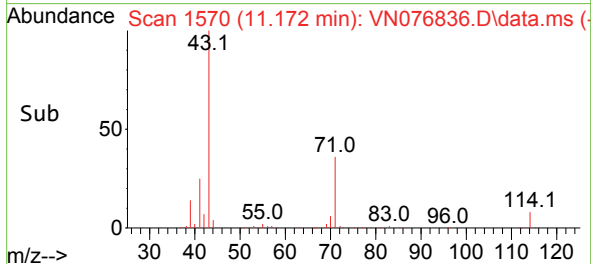
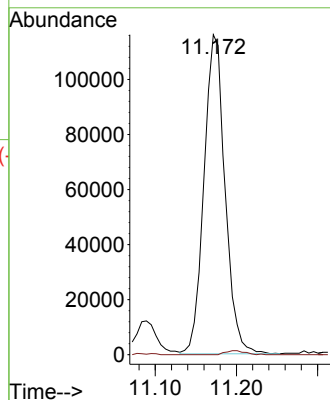
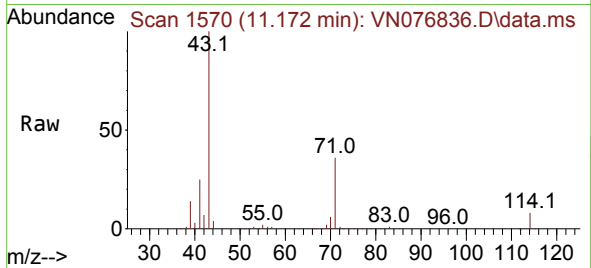




#59
2-Hexanone
Concen: 56.161 ug/l
RT: 11.172 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

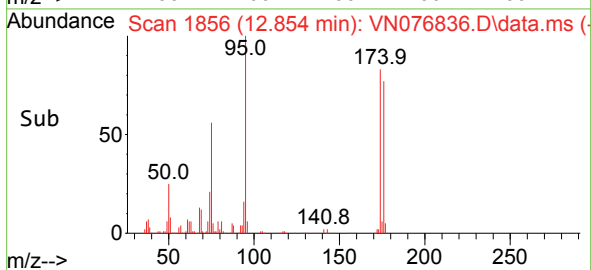
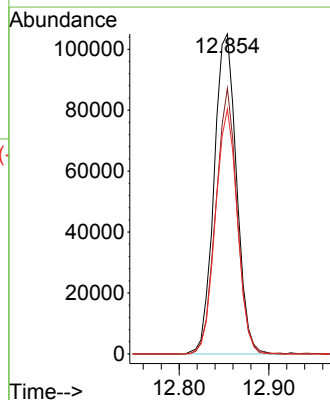
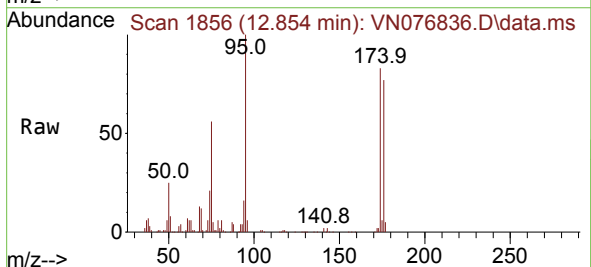
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

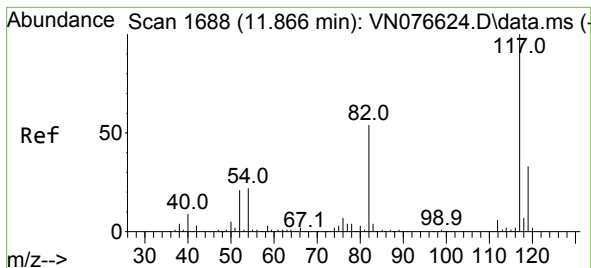
Tgt Ion: 43 Resp: 208804
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.0#



#62
4-Bromofluorobenzene
Concen: 44.951 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 95 Resp: 182162
Ion Ratio Lower Upper
95 100
174 78.8 0.0 169.2
176 75.0 0.0 163.4

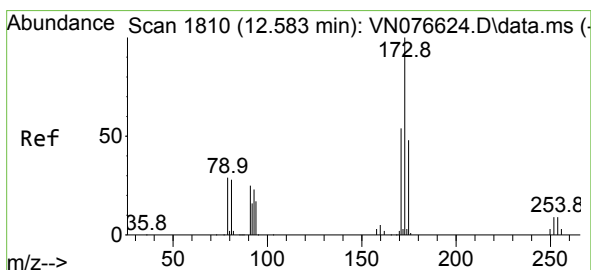
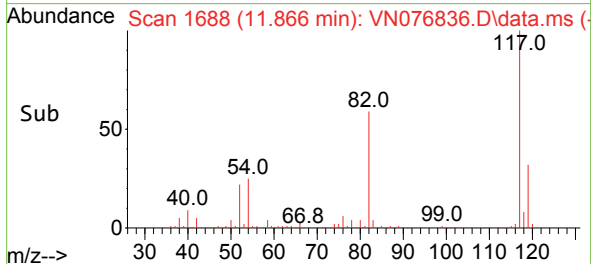
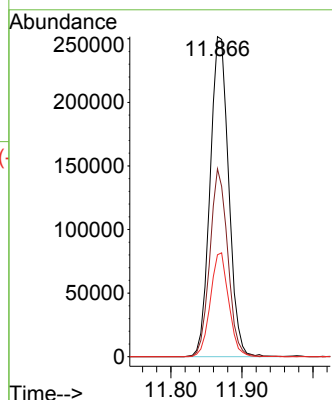
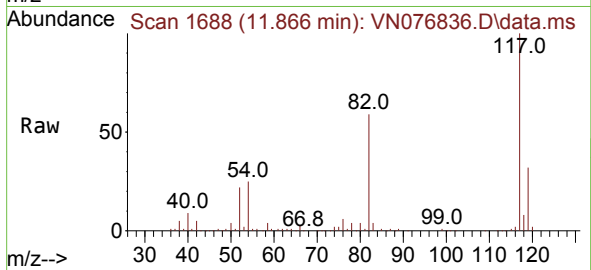




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

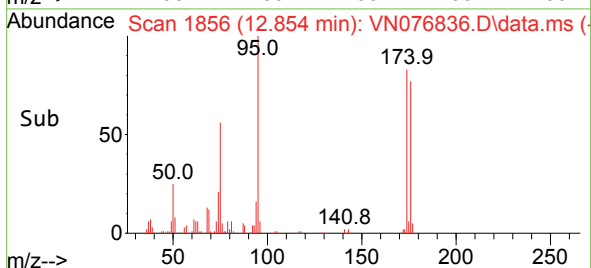
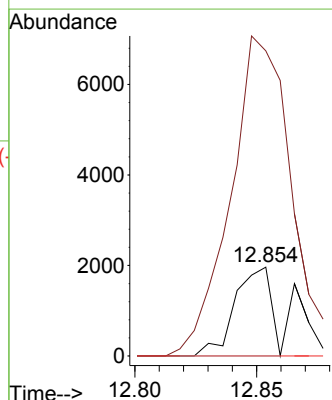
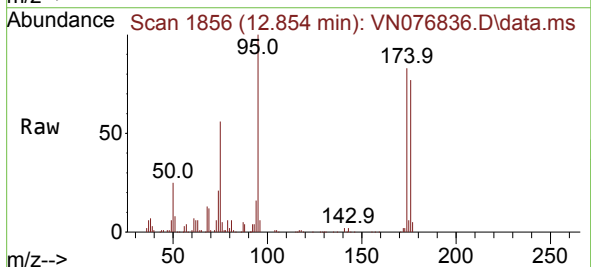
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

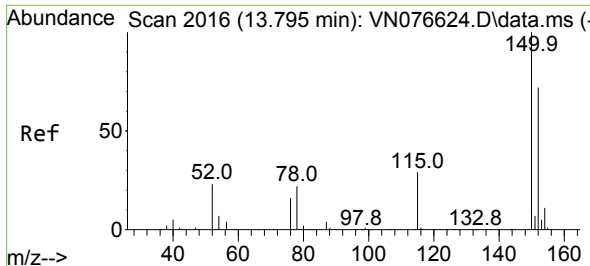
Tgt Ion:117 Resp: 456907
Ion Ratio Lower Upper
117 100
82 58.7 43.4 65.2
119 31.9 26.1 39.1



#71
Bromoform
Concen: 0.780 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion:173 Resp: 2012
Ion Ratio Lower Upper
173 100
175 507.8 24.9 74.7#
254 0.0 0.1 0.1#

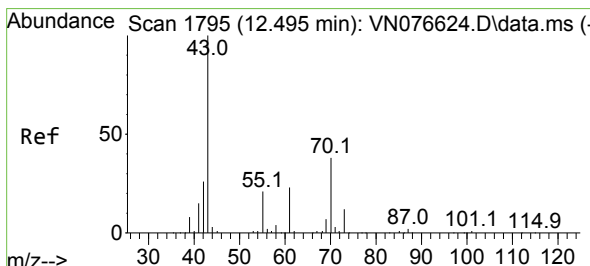
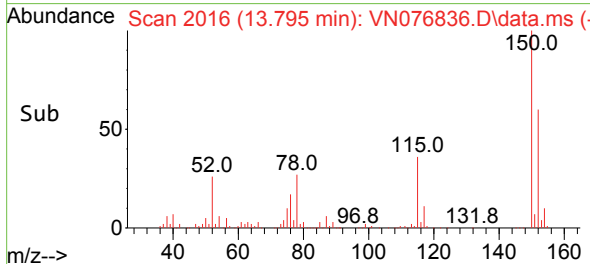
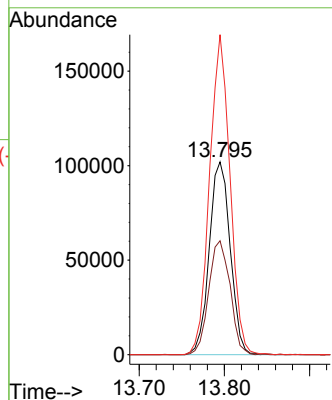
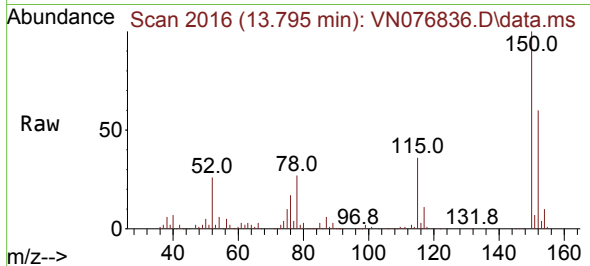




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

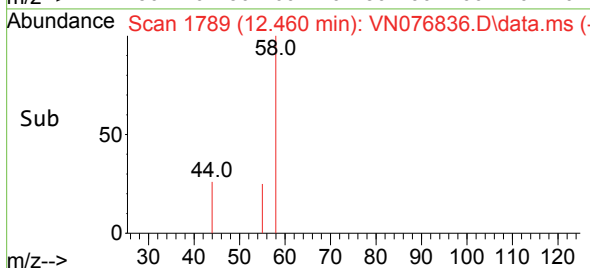
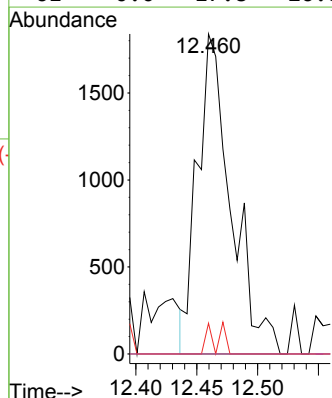
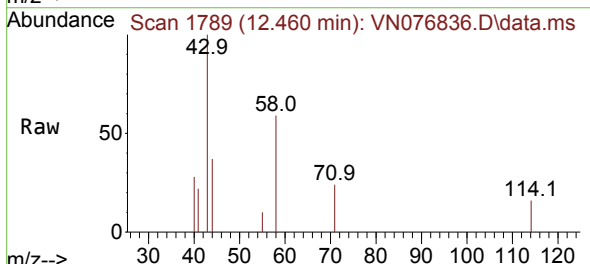
Instrument :
MSVOA_N
ClientSampleId :
HH-CON-12

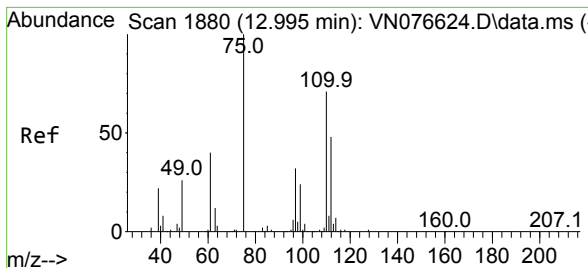
Tgt Ion:152 Resp: 174380
Ion Ratio Lower Upper
152 100
115 60.3 29.3 87.9
150 160.8 0.0 349.8



#74
N-ethyl acetate
Concen: 0.615 ug/l
RT: 12.460 min Scan# 1789
Delta R.T. -0.035 min
Lab File: VN076836.D
Acq: 28 Feb 2023 18:33

Tgt Ion: 43 Resp: 3544
Ion Ratio Lower Upper
43 100
70 0.0 30.5 45.7#
55 3.6 17.8 26.8#
61 0.0 17.8 26.8#





#76

1,2,3-Trichloropropane

Concen: 29.482 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

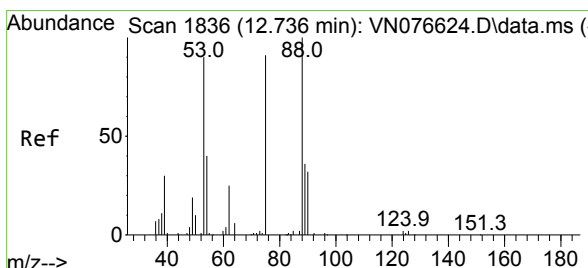
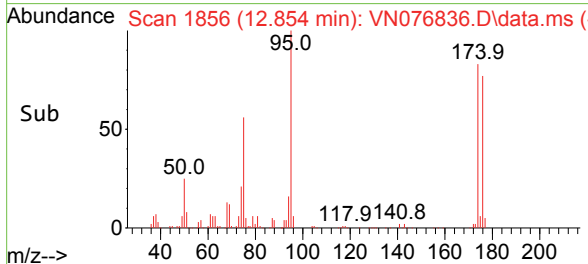
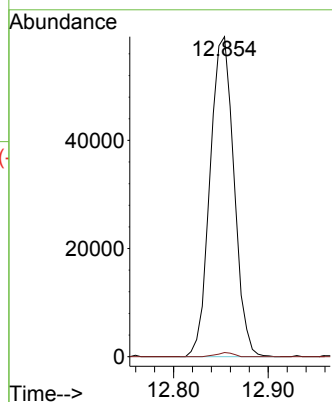
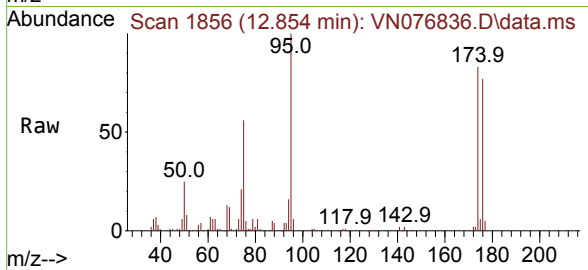
HH-CON-12

Tgt Ion: 75 Resp: 103938

Ion Ratio Lower Upper

75 100

77 0.9 93.1 279.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.868 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN076836.D

Acq: 28 Feb 2023 18:33

Tgt Ion: 75 Resp: 103938

Ion Ratio Lower Upper

75 100

53 0.1 92.1 138.1#

89 0.0 37.5 56.3#

