

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067412.D
 Acq On : 21 Jun 2021 13:23
 Operator : JC/MD
 Sample : M2782-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER-SAMPLE

Quant Time: Jun 22 03:10:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

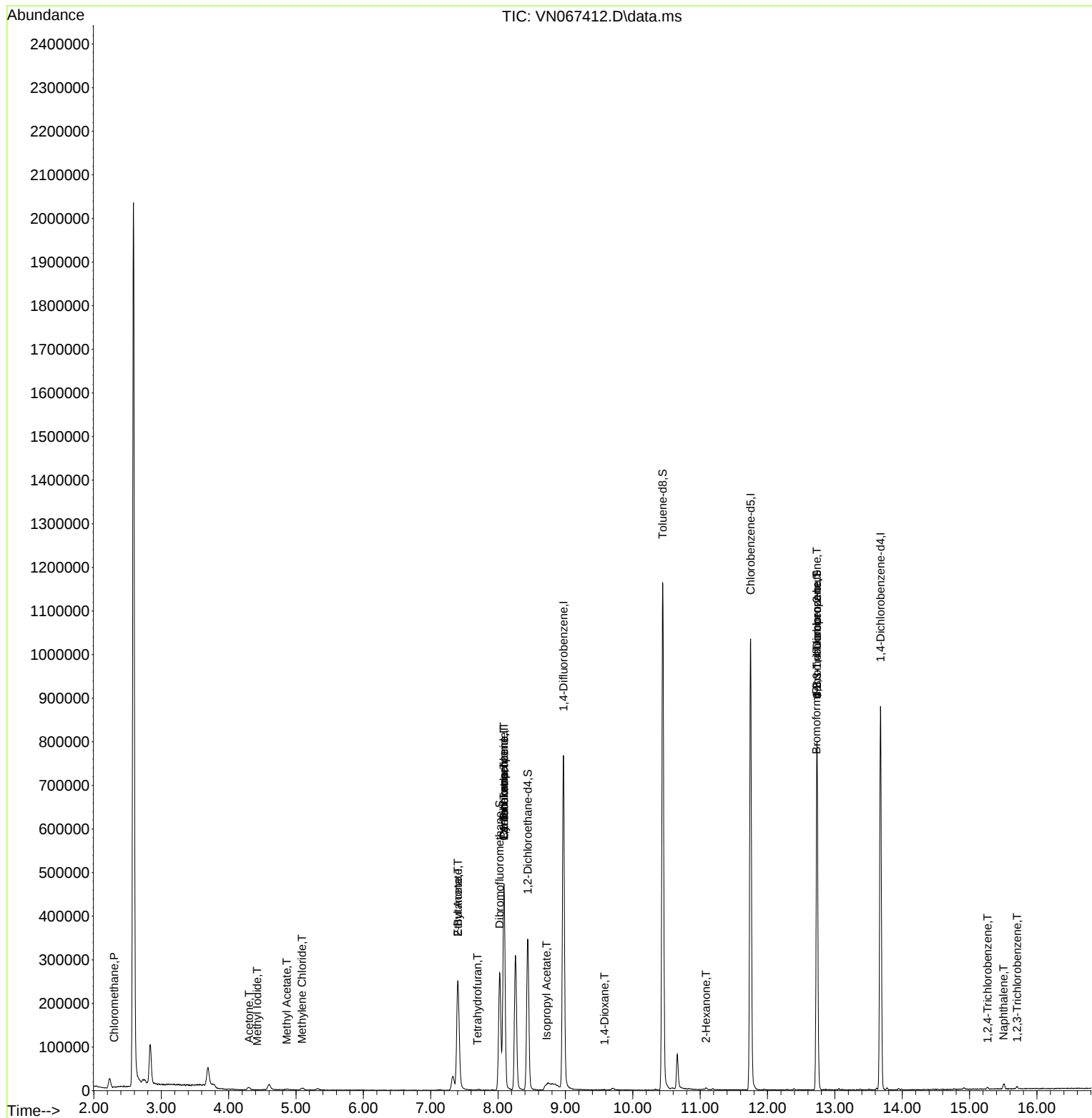
Internal Standards						
1) Pentafluorobenzene	8.088	168	300128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	611902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	550760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	198695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	300629	50.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.56%		
35) Dibromofluoromethane	8.024	113	190184	46.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.46%		
50) Toluene-d8	10.443	98	799068	51.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.46%		
62) 4-Bromofluorobenzene	12.733	95	291053	45.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.42%		
Target Compounds					Qvalue	
3) Chloromethane	2.301	50	1234	0.27	ug/l	92
10) Methyl Iodide	4.422	142	51	6.76	ug/l #	37
16) Acetone	4.304	43	7652	3.37	ug/l	94
18) Methyl Acetate	4.864	43	2651	0.48	ug/l #	84
20) Methylene Chloride	5.090	84	2025	0.43	ug/l #	75
25) 2-Butanone	7.404	43	62075	19.12	ug/l #	51
29) Tetrahydrofuran	7.694	42	458	0.22	ug/l #	64
31) Cyclohexane	8.088	56	10568	1.31	ug/l #	19
36) 1,1-Dichloropropene	8.086	75	35867	5.23	ug/l #	45
37) Ethyl Acetate	7.404	43	62075	8.54	ug/l #	69
38) Carbon Tetrachloride	8.086	117	37975	5.15	ug/l #	16
43) Isopropyl Acetate	8.718	43	10000	0.77	ug/l #	58
49) 1,4-Dioxane	9.579	88	208	2.56	ug/l #	32
59) 2-Hexanone	11.087	43	2355	0.43	ug/l	93
71) Bromoform	12.728	173	826	0.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	170794	33.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	170794	82.03	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	1417	0.41	ug/l	65
95) Naphthalene	15.504	128	9803	3.38	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.705	180	1798	0.54	ug/l #	87

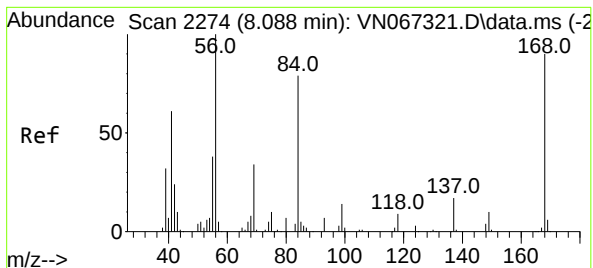
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN067412.D

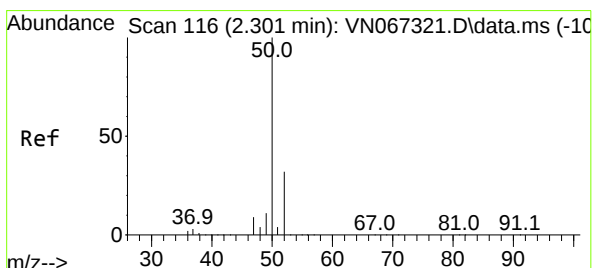
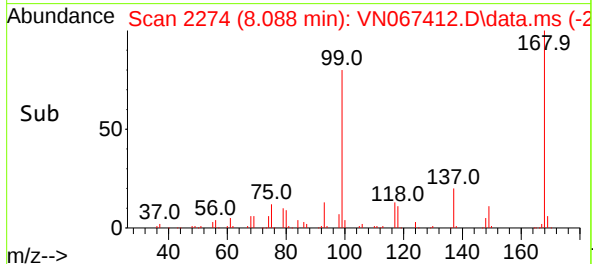
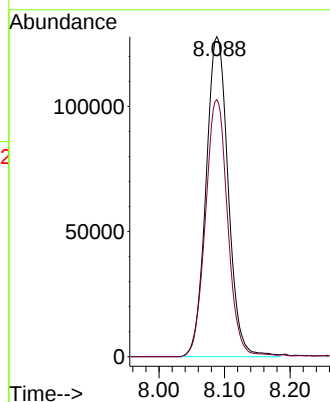
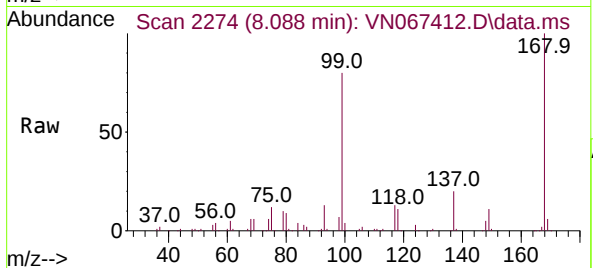
Acq: 21 Jun 2021 13:23

Tgt Ion:168 Resp: 300128

Ion Ratio Lower Upper

168 100

99 80.3 62.9 94.3



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.301 min Scan# 116

Delta R.T. -0.000 min

Lab File: VN067412.D

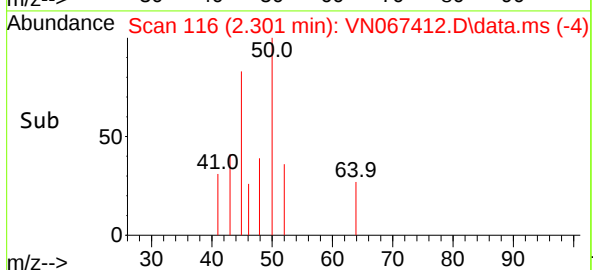
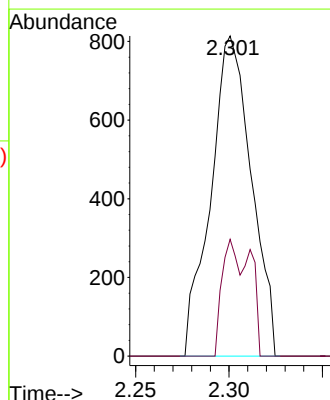
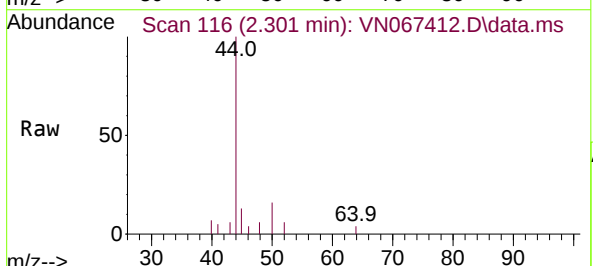
Acq: 21 Jun 2021 13:23

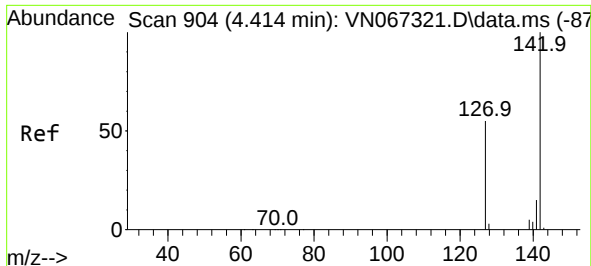
Tgt Ion: 50 Resp: 1234

Ion Ratio Lower Upper

50 100

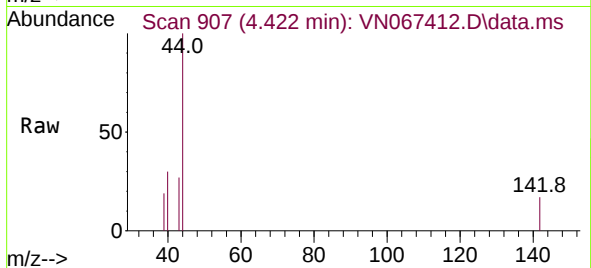
52 36.5 25.6 38.4



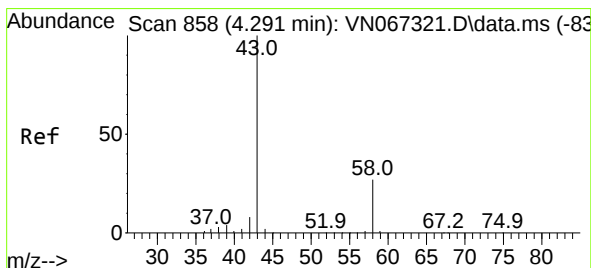
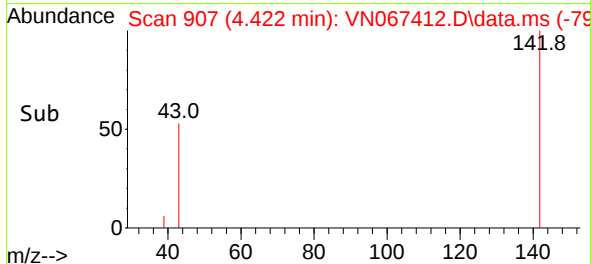
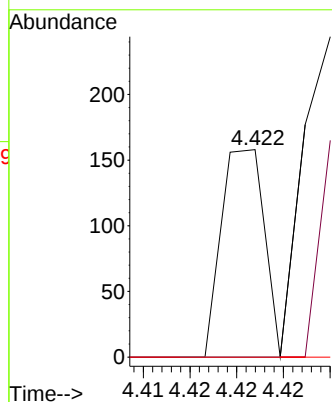


#10
Methyl Iodide
Concen: 6.76 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

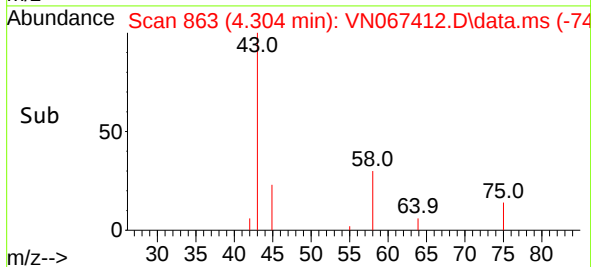
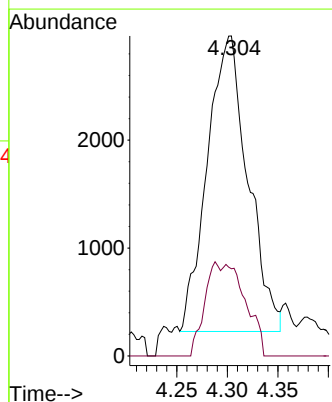
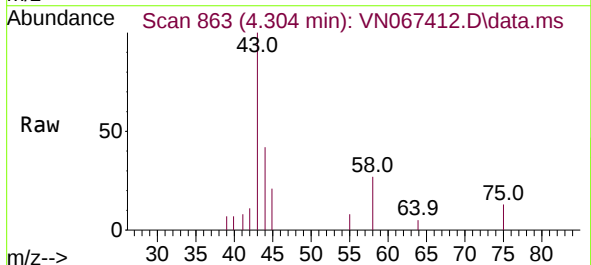


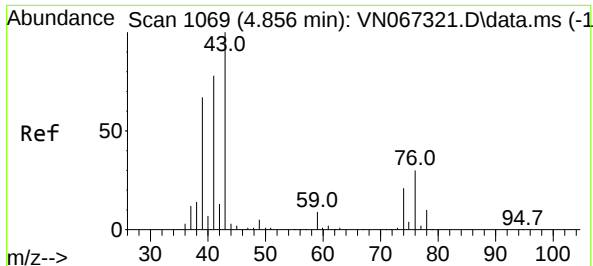
Tgt Ion:142 Resp: 51
Ion Ratio Lower Upper
142 100
127 103.9 43.1 64.7#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 3.37 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion: 43 Resp: 7652
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8





#18

Methyl Acetate

Concen: 0.48 ug/l

RT: 4.864 min Scan# 1072

Delta R.T. 0.008 min

Lab File: VN067412.D

Acq: 21 Jun 2021 13:23

Tgt Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

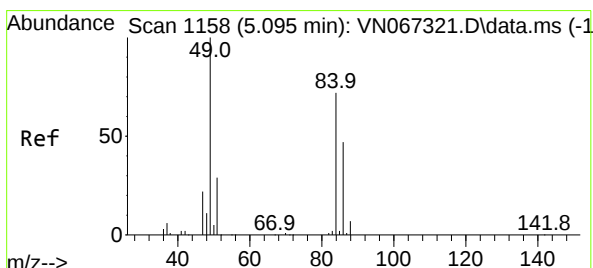
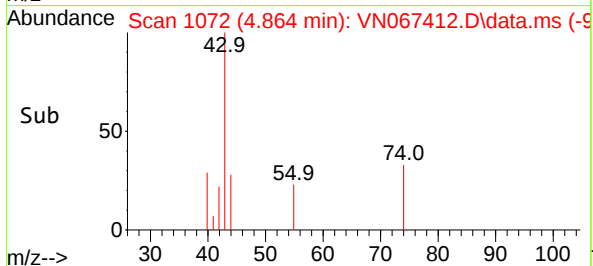
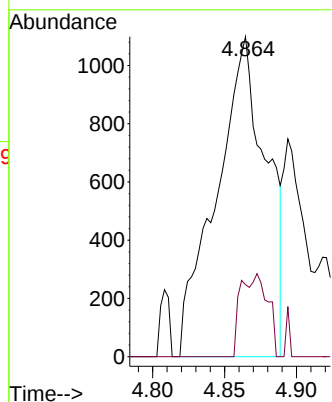
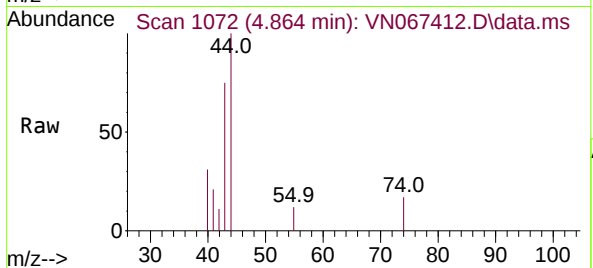
74 14.1 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

WASTE-WATER-SAMPLE



#20

Methylene Chloride

Concen: 0.43 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN067412.D

Acq: 21 Jun 2021 13:23

Tgt Ion: 84 Resp: 2025

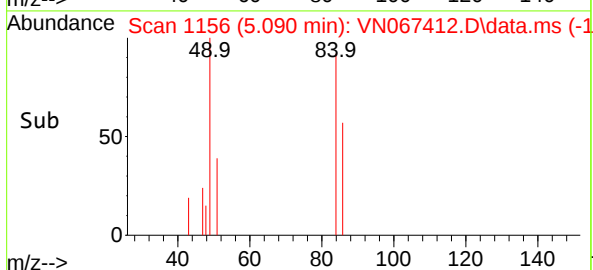
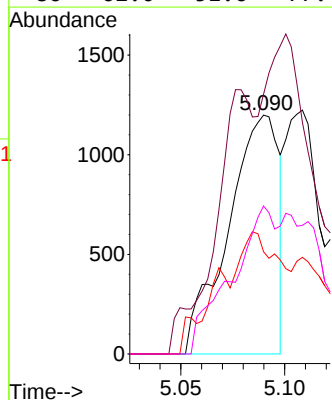
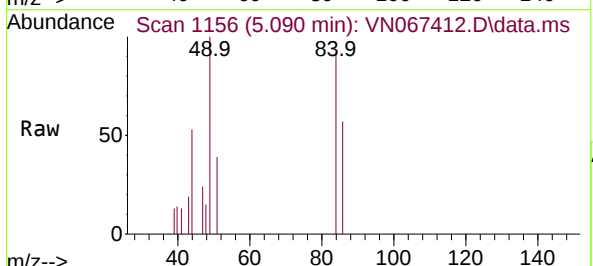
Ion Ratio Lower Upper

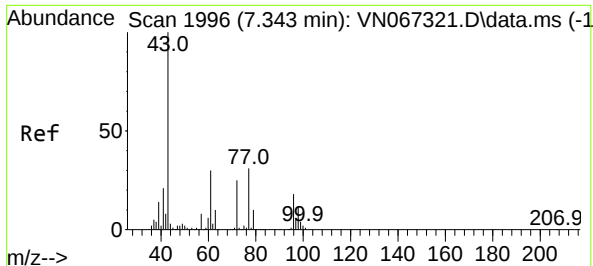
84 100

49 89.3 110.9 166.3#

51 42.8 32.6 49.0

86 62.0 51.6 77.4

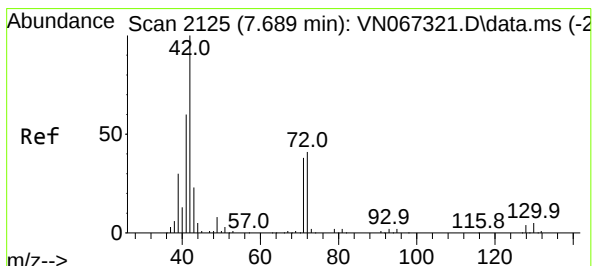
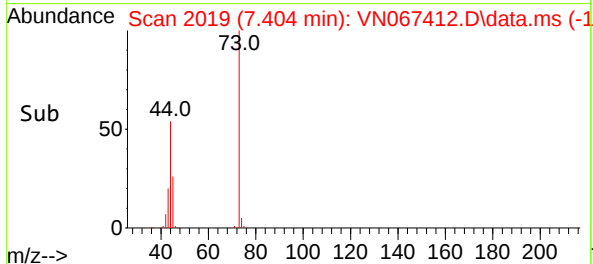
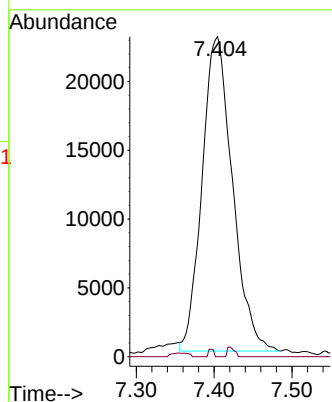
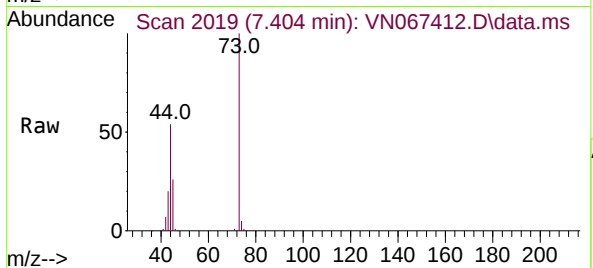




#25
2-Butanone
Concen: 19.12 ug/l
RT: 7.404 min Scan# 2019
Delta R.T. 0.061 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

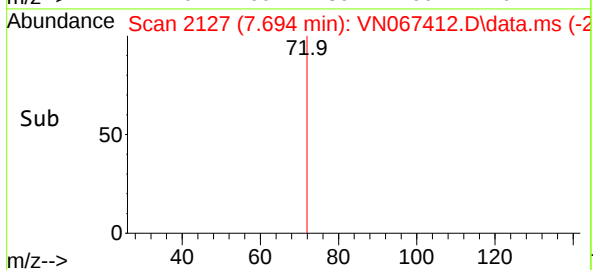
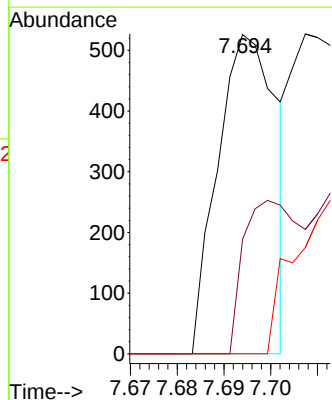
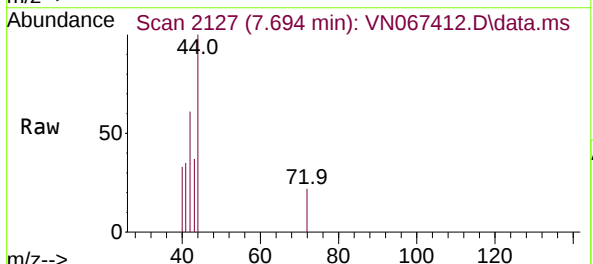
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

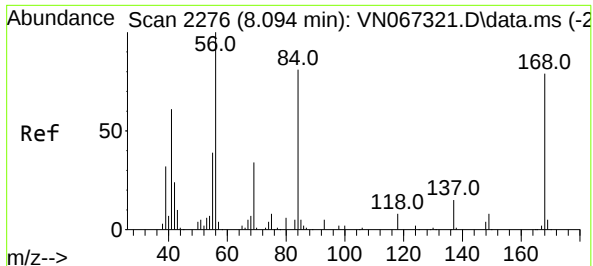
Tgt Ion: 43 Resp: 62075
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.005 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion: 42 Resp: 458
Ion Ratio Lower Upper
42 100
72 47.4 32.8 49.2
71 0.0 31.2 46.8#

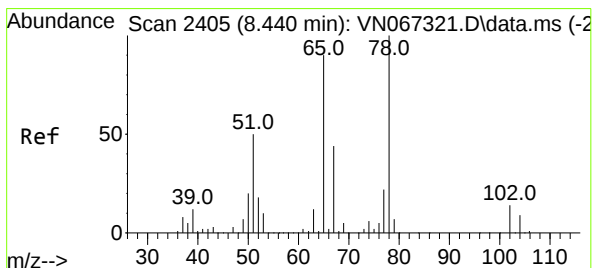
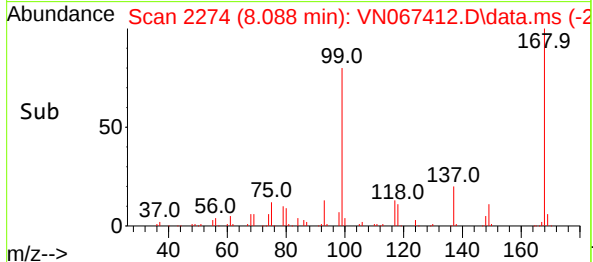
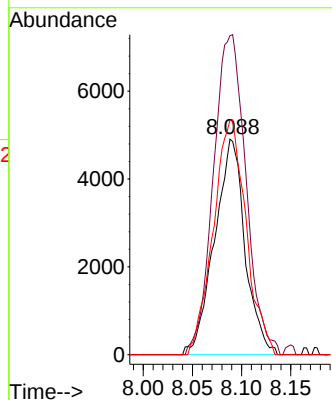
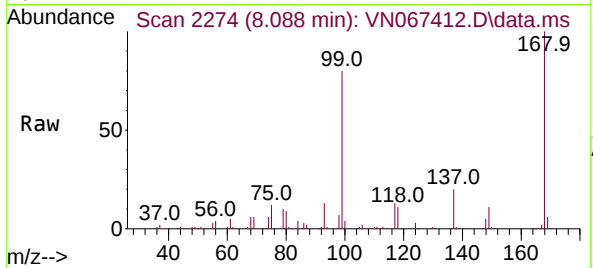




#31
Cyclohexane
Concen: 1.31 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

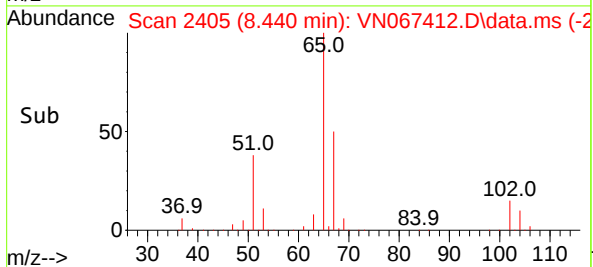
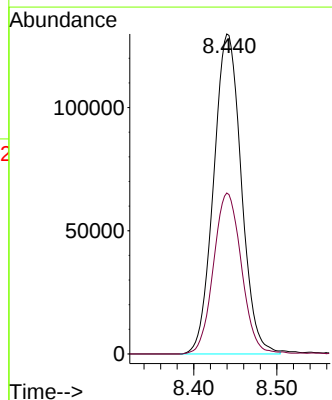
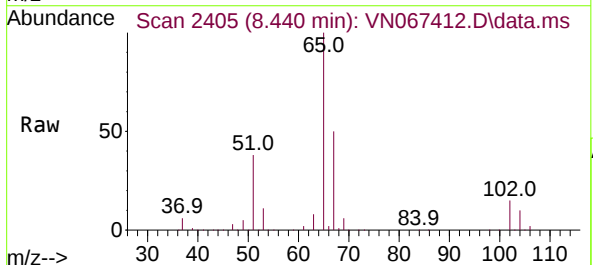
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

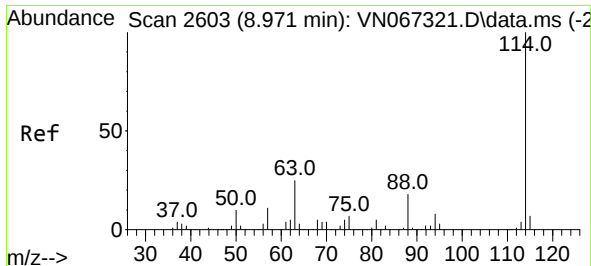
Tgt Ion: 56 Resp: 10568
Ion Ratio Lower Upper
56 100
69 148.0 27.3 40.9#
84 108.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.78 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion: 65 Resp: 300629
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

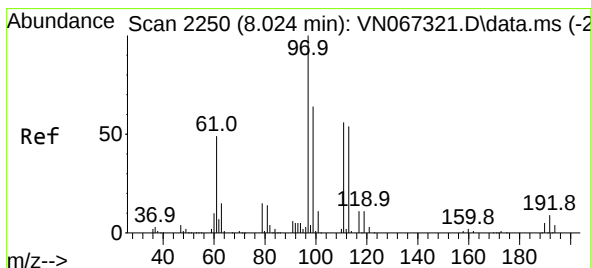
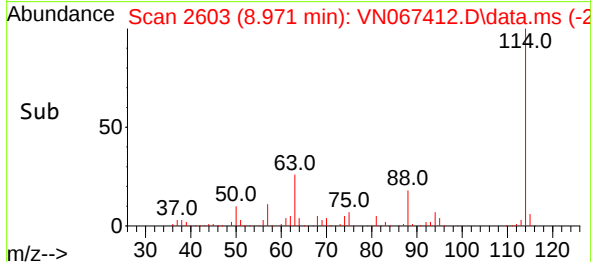
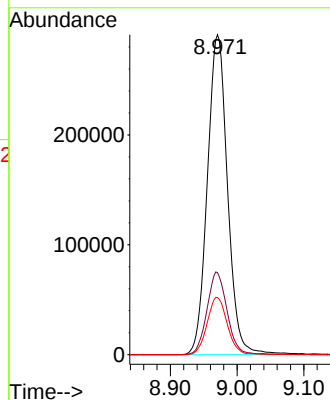
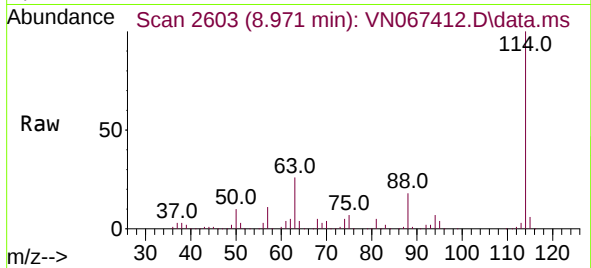




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

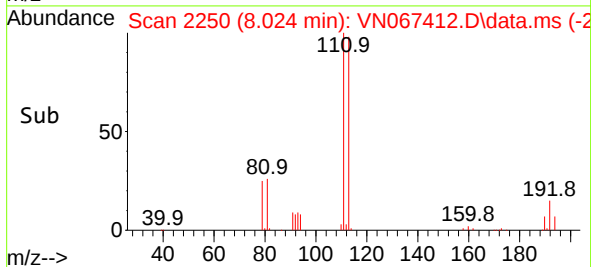
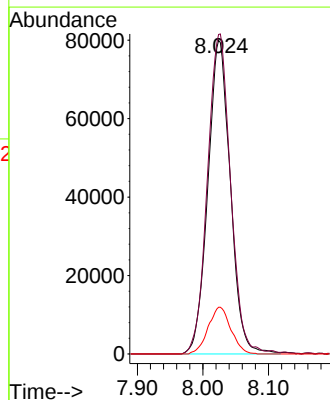
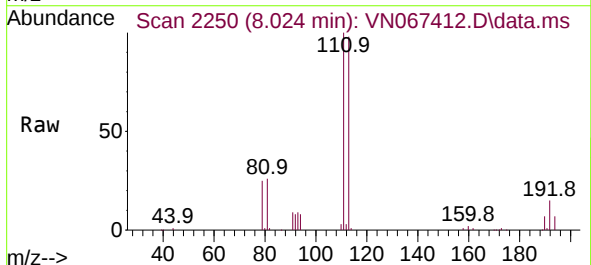
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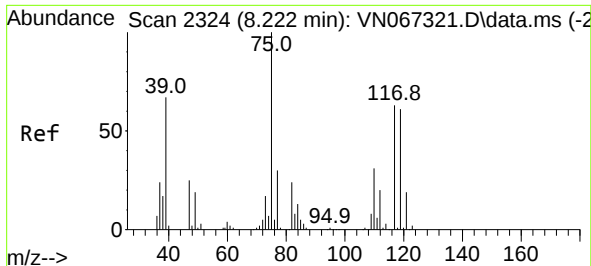
Tgt Ion:114 Resp: 611902
Ion Ratio Lower Upper
114 100
63 25.7 0.0 49.0
88 17.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.73 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

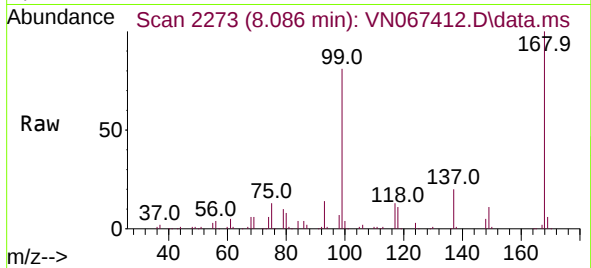
Tgt Ion:113 Resp: 190184
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 15.1 13.4 20.0



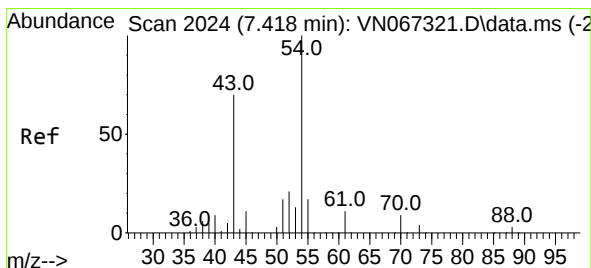
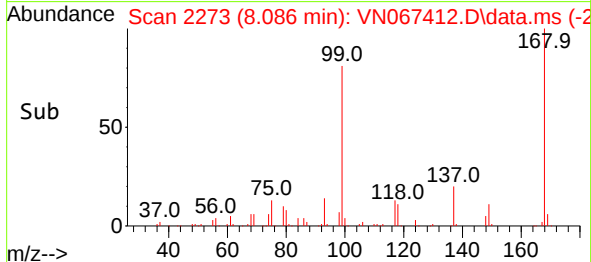
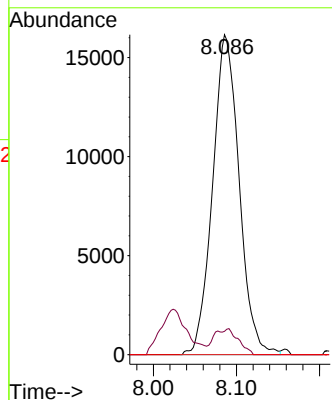


#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

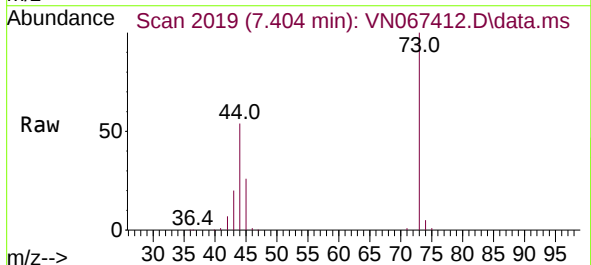
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE



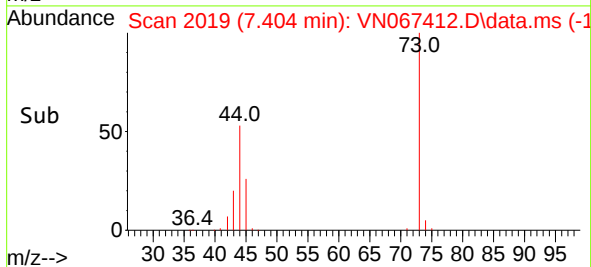
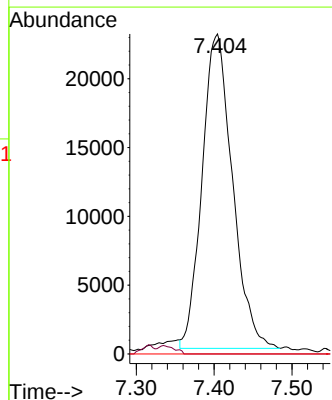
Tgt Ion: 75 Resp: 35867
Ion Ratio Lower Upper
75 100
110 1.6 15.7 47.0#
77 0.0 24.6 37.0#

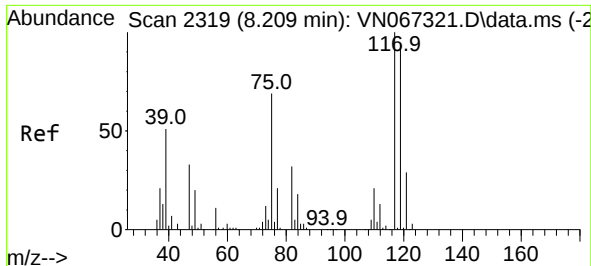


#37
Ethyl Acetate
Concen: 8.54 ug/l
RT: 7.404 min Scan# 2019
Delta R.T. -0.014 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23



Tgt Ion: 43 Resp: 62075
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#

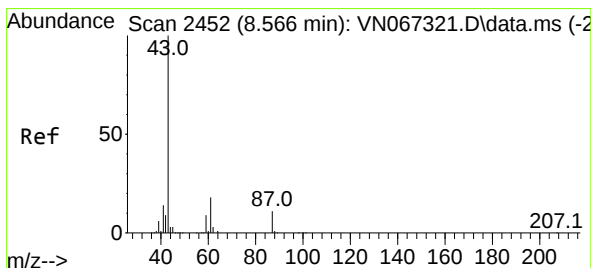
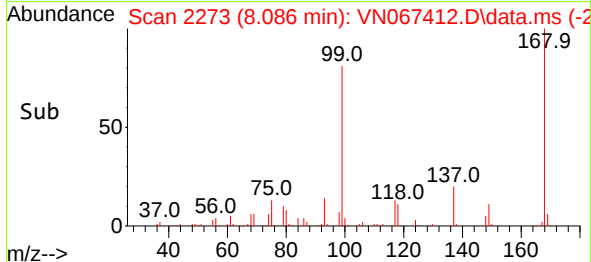
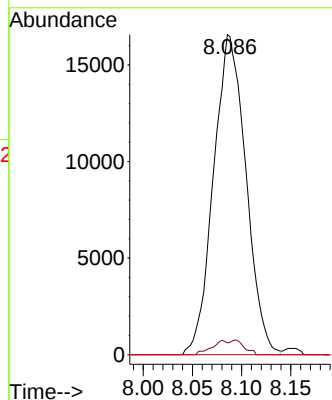
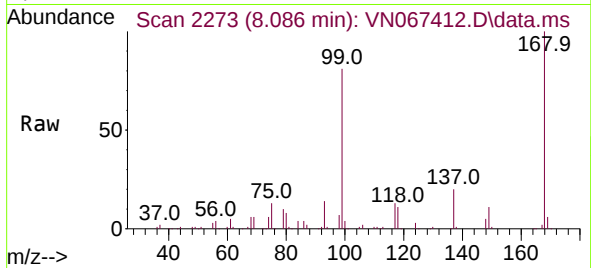




#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

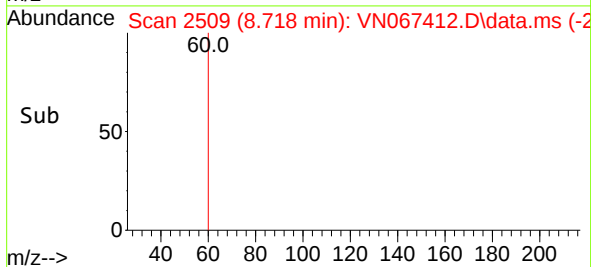
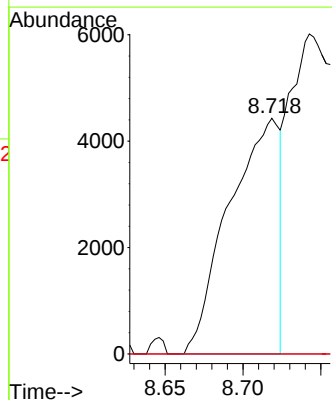
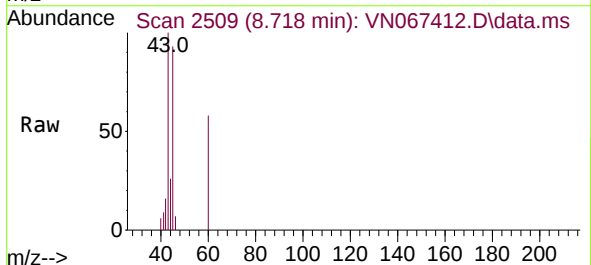
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

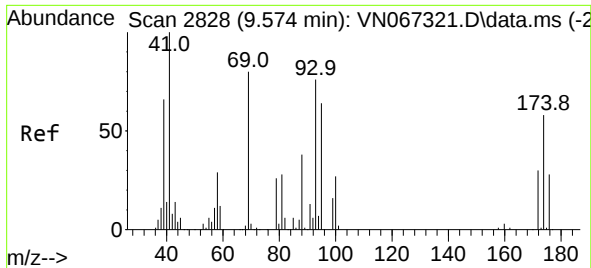
Tgt Ion:117 Resp: 37975
Ion Ratio Lower Upper
117 100
119 3.7 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.77 ug/l
RT: 8.718 min Scan# 2509
Delta R.T. 0.152 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion: 43 Resp: 10000
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

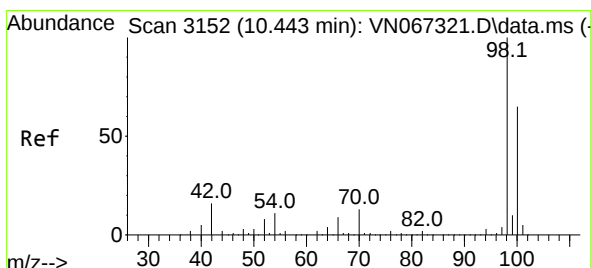
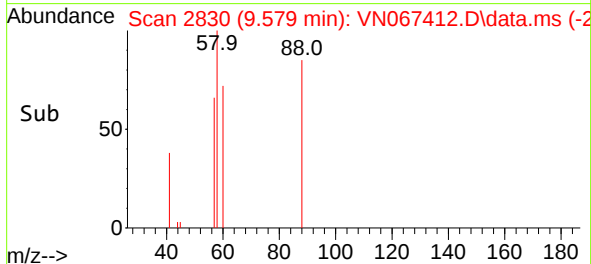
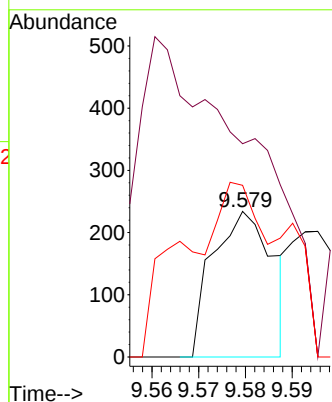
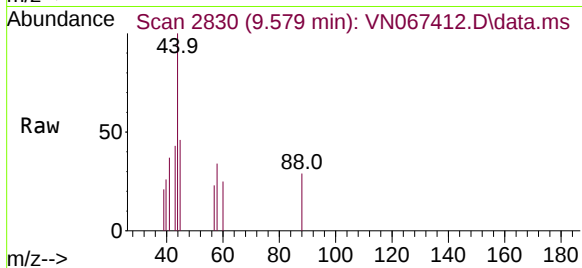




#49
1,4-Dioxane
Concen: 2.56 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.005 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

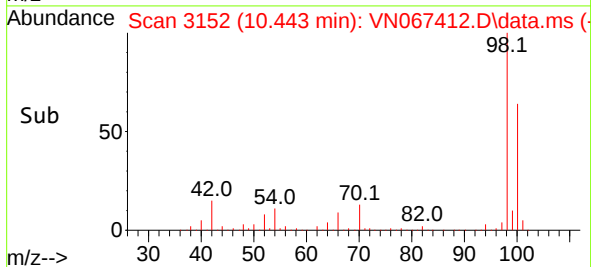
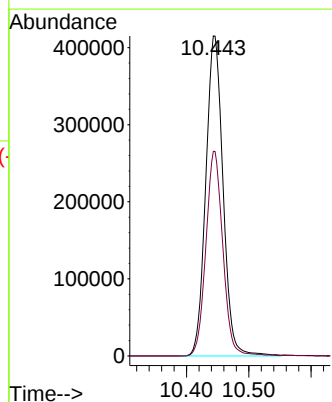
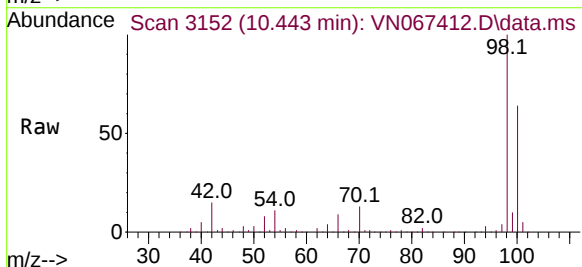
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

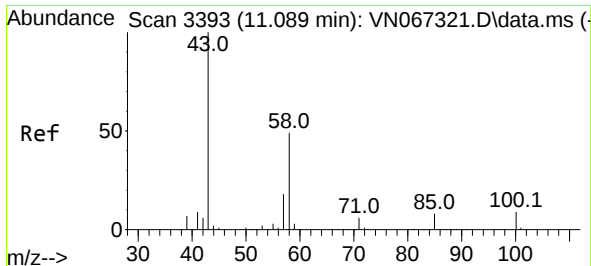
Tgt Ion: 88 Resp: 208
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 136.5 60.4 90.6#



#50
Toluene-d8
Concen: 51.23 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion: 98 Resp: 799068
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5

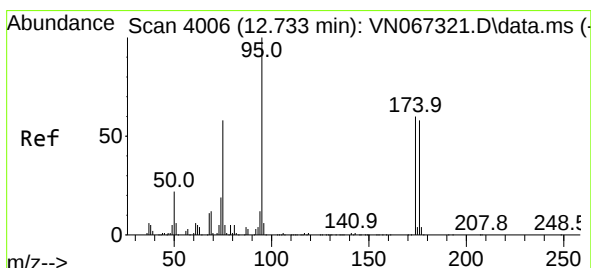
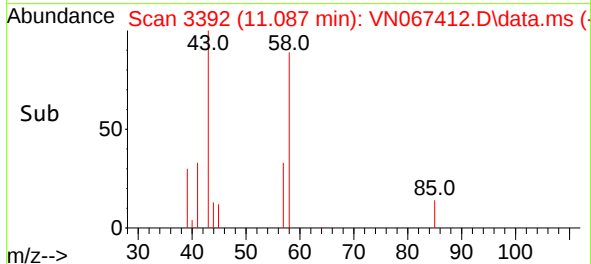
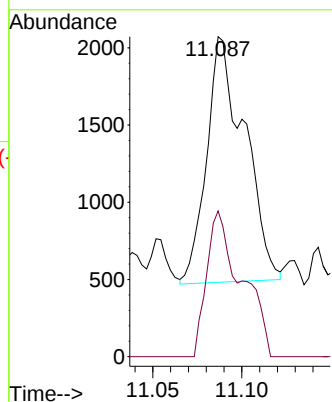
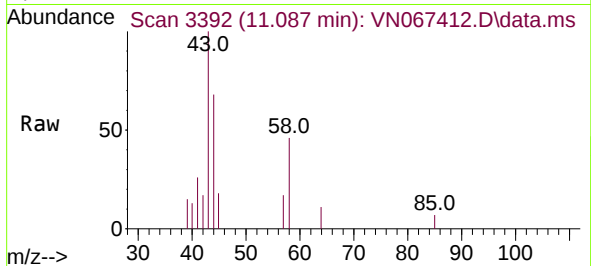




#59
2-Hexanone
Concen: 0.43 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.002 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

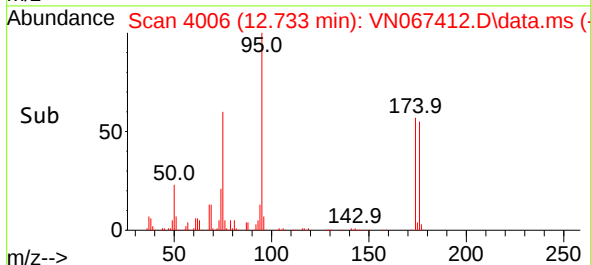
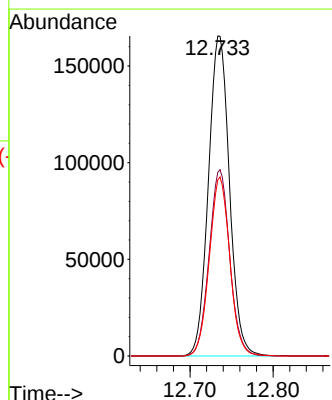
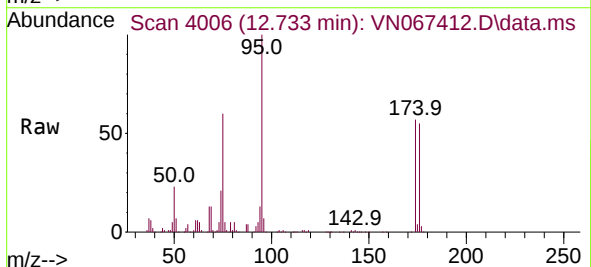
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

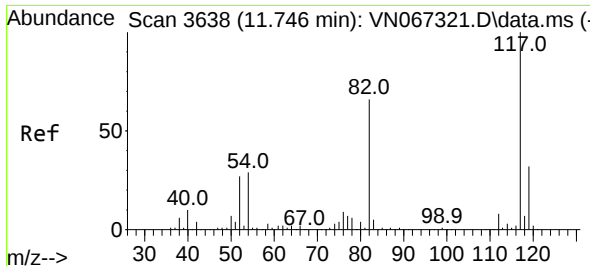
Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
58 54.2 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion: 95 Resp: 291053
Ion Ratio Lower Upper
95 100
174 57.0 0.0 122.0
176 54.5 0.0 117.6

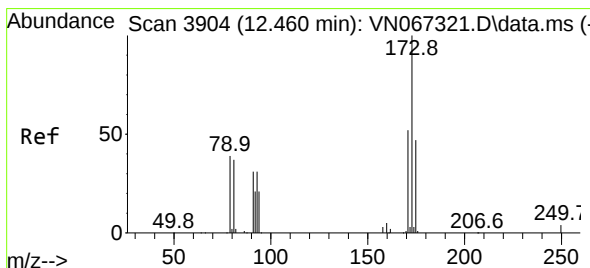
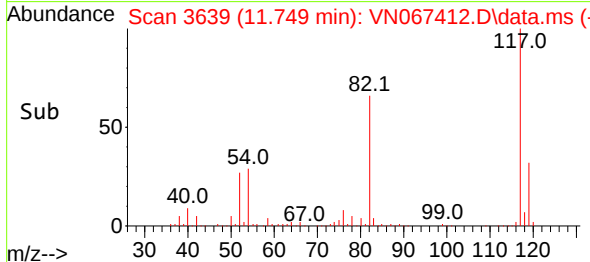
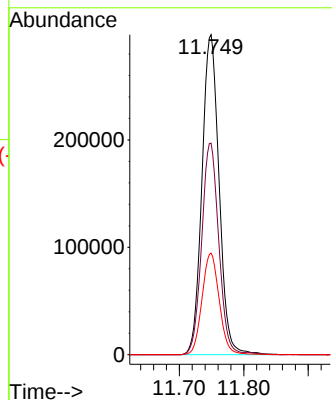
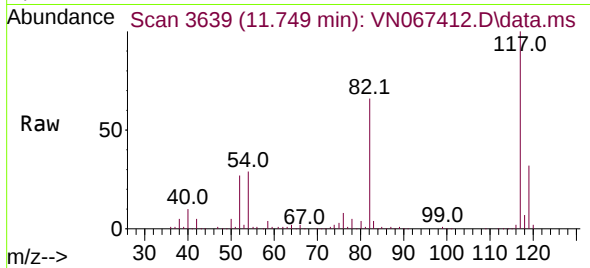




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

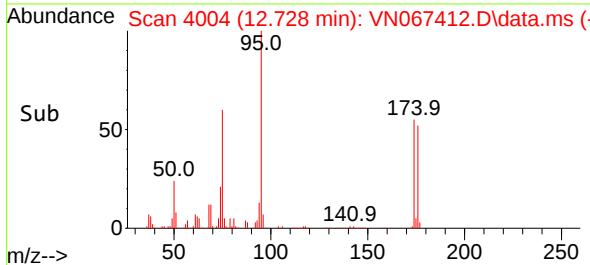
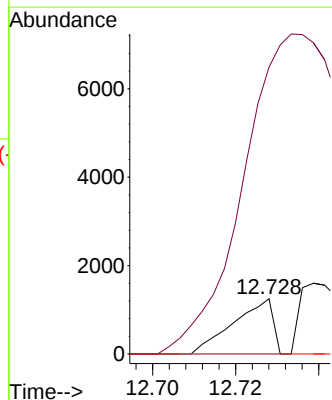
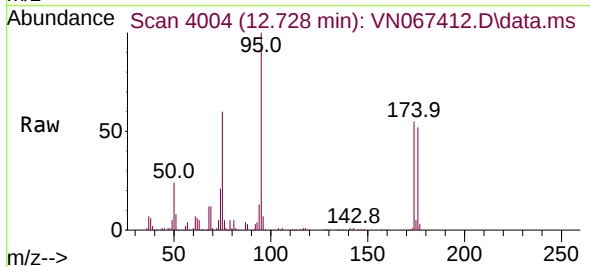
Instrument :
MSVOA_N
ClientSampleId :
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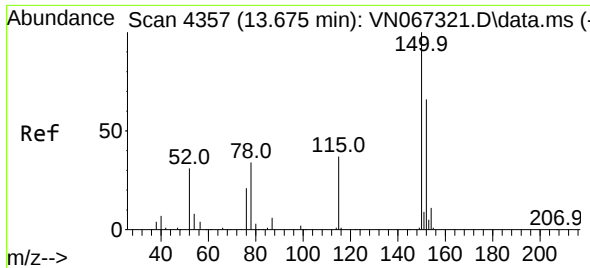
Tgt Ion:117 Resp: 550760
Ion Ratio Lower Upper
117 100
82 66.1 53.1 79.7
119 31.8 25.5 38.3



#71
Bromoform
Concen: 0.24 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion:173 Resp: 826
Ion Ratio Lower Upper
173 100
175 1444.7 23.9 71.8#
254 0.0 0.0 0.0

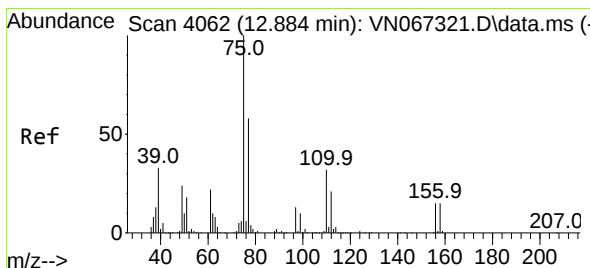
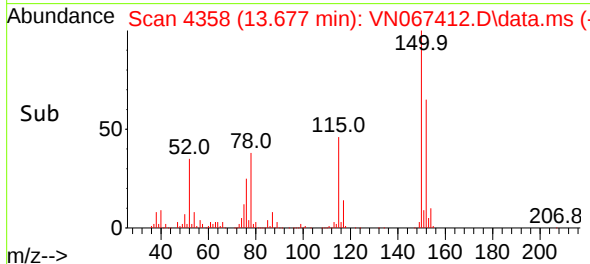
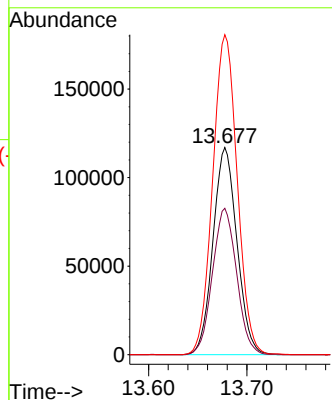
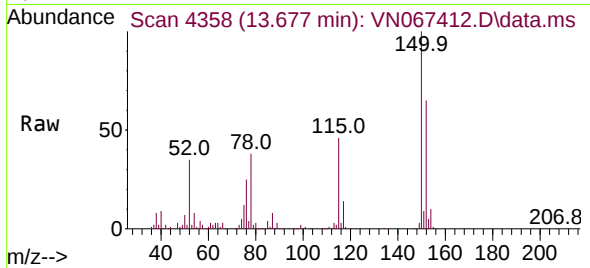




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

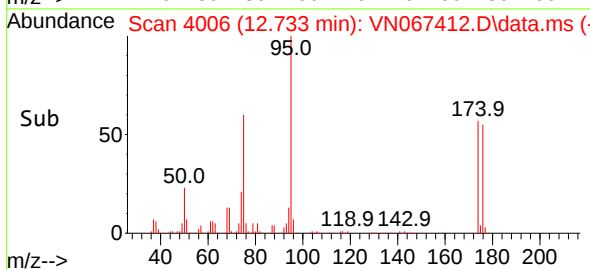
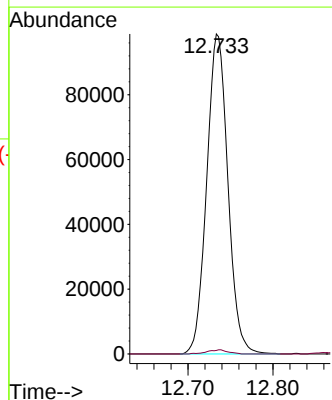
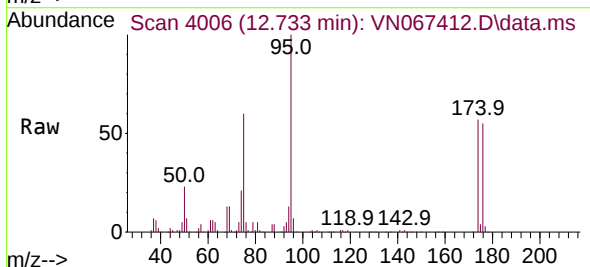
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

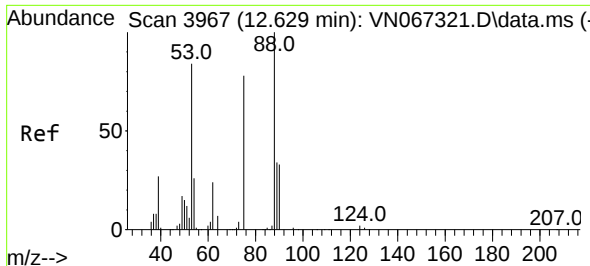
Tgt Ion:152 Resp: 198695
Ion Ratio Lower Upper
152 100
115 71.2 36.1 108.5
150 157.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.10 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

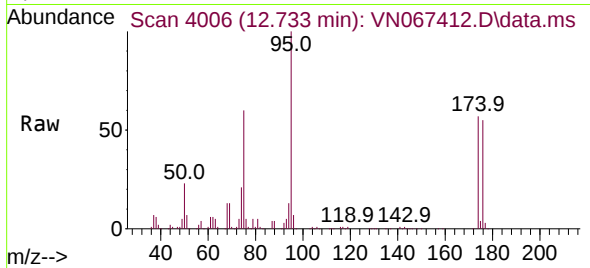
Tgt Ion: 75 Resp: 170794
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



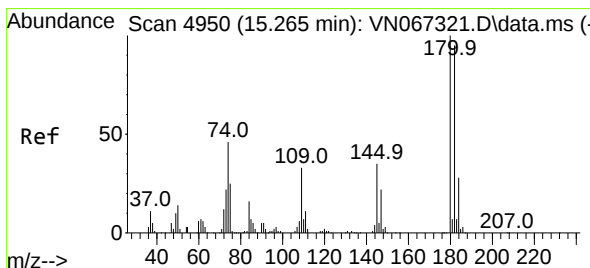
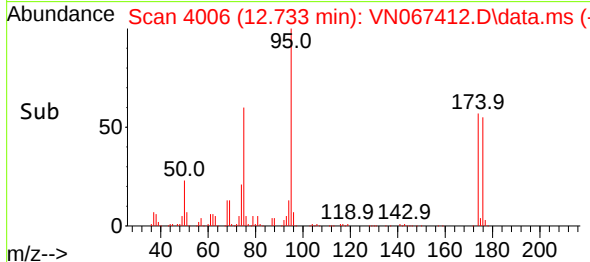
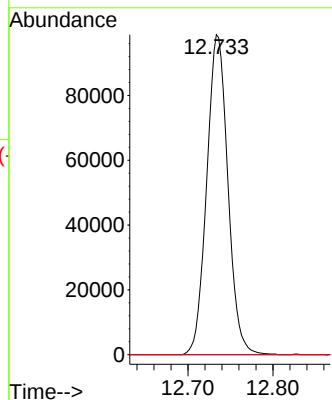


#81
trans-1,4-Dichloro-2-butene
Concen: 82.03 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

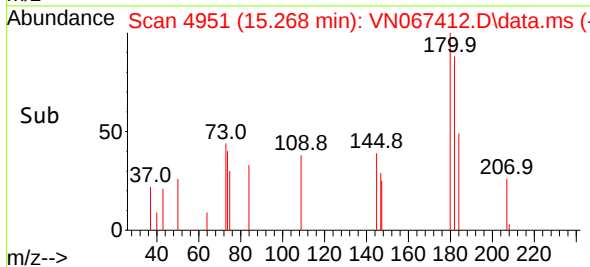
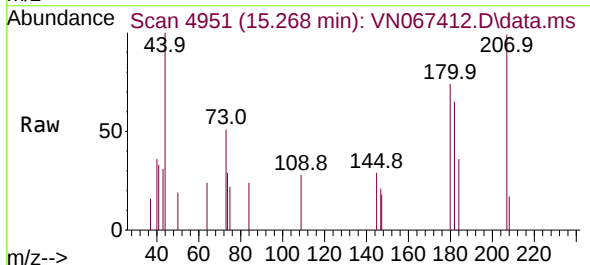
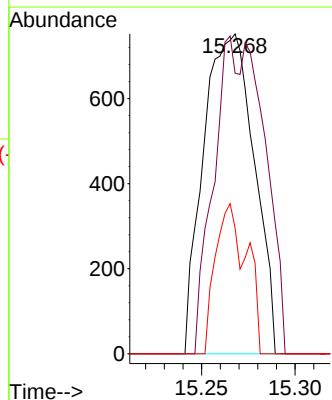


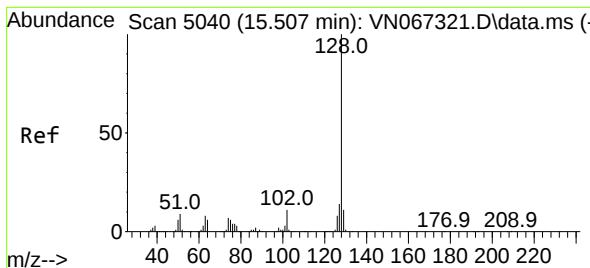
Tgt Ion: 75 Resp: 170794
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.41 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion:180 Resp: 1417
Ion Ratio Lower Upper
180 100
182 52.3 47.5 142.5
145 28.9 17.2 51.6

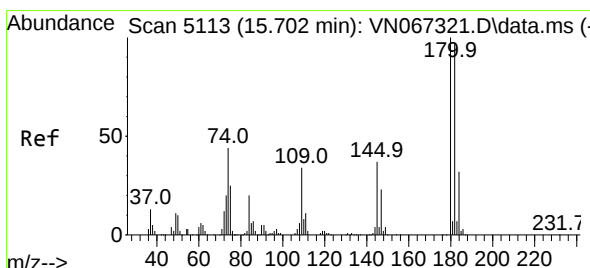
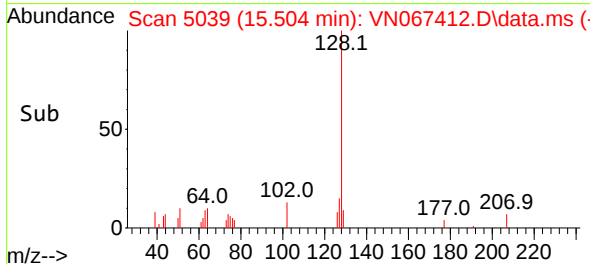
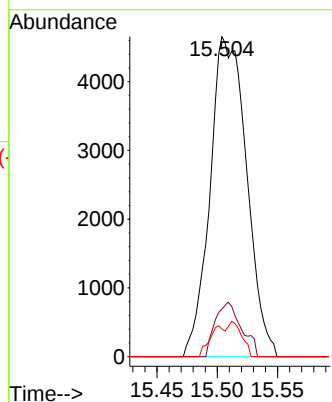
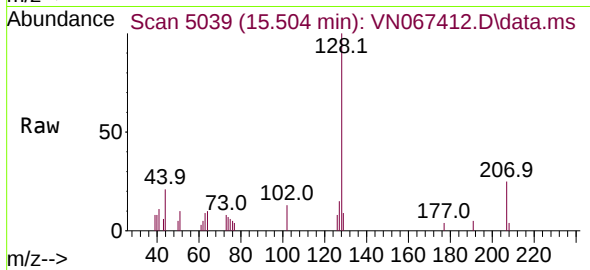




#95
Naphthalene
Concen: 3.38 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 9803
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 4.1 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.54 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067412.D
Acq: 21 Jun 2021 13:23

Tgt Ion:180 Resp: 1798
Ion Ratio Lower Upper
180 100
182 91.0 47.8 143.3
145 14.7 18.2 54.6#

