

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068090.D
 Acq On : 12 Aug 2021 15:26
 Operator : JC/MD
 Sample : M3360-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 05:43:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	291603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	567375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	584081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	254344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232384	56.293	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 112.580%	
35) Dibromofluoromethane	8.024	113	181420	54.866	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.740%	
50) Toluene-d8	10.446	98	741647	48.709	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	12.733	95	275679	49.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.840%	

Target Compounds					Qvalue	
3) Chloromethane	2.301	50	873	0.235	ug/l	89
11) Tert butyl alcohol	5.388	59	367	0.664	ug/l #	71
13) Acrolein	4.047	56	286	0.762	ug/l #	68
16) Acetone	4.296	43	23427	15.553	ug/l	95
18) Methyl Acetate	4.873	43	1799	0.395	ug/l #	54
19) Methyl tert-butyl Ether	5.632	73	6901	0.665	ug/l #	91
20) Methylene Chloride	5.093	84	3672	0.776	ug/l #	80
23) Vinyl Acetate	6.490	43	528	8.852	ug/l #	75
25) 2-Butanone	7.353	43	5062	2.316	ug/l #	72
31) Cyclohexane	8.086	56	8348	1.371	ug/l #	26
36) 1,1-Dichloropropene	8.088	75	26519	5.053	ug/l #	45
38) Carbon Tetrachloride	8.088	117	32291	6.256	ug/l #	18
39) Methylcyclohexane	9.456	83	2507	0.442	ug/l #	89
43) Isopropyl Acetate	8.654	43	4430	0.538	ug/l #	58
48) Methyl methacrylate	9.601	41	55	2.318	ug/l #	38
51) 4-Methyl-2-Pentanone	10.338	43	4022	13.204	ug/l #	81
56) Ethyl methacrylate	10.757	69	49	3.105	ug/l #	1
59) 2-Hexanone	11.089	43	2295	13.797	ug/l	73
67) Ethyl Benzene	11.848	91	166262	7.859	ug/l	96
68) m/p-Xylenes	11.953	106	508762	56.875	ug/l	88
69) o-Xylene	12.283	106	198196	25.484	ug/l	88
70) Styrene	12.283	104	12193	3.385	ug/l #	1
71) Bromoform	12.728	173	450	4.142	ug/l #	1
73) Isopropylbenzene	12.581	105	29042	1.400	ug/l	95
74) N-ethyl acetate	12.355	43	2591	0.359	ug/l #	55
76) 1,2,3-Trichloropropane	12.988	75	7193	1.408	ug/l #	100
78) n-propylbenzene	12.921	91	55756	2.381	ug/l	94
79) 2-Chlorotoluene	12.986	91	104714	7.337	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.061	105	451498	26.843	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.733	75	148087	78.248	ug/l #	6
82) 4-Chlorotoluene	13.063	91	48635	3.394	ug/l #	45
83) tert-Butylbenzene	13.372	119	130514	9.332	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.372	105	1092440	67.036	ug/l	95
85) sec-Butylbenzene	13.372	105	1092440	55.843	ug/l #	59
86) p-Isopropyltoluene	13.618	119	23013	1.479	ug/l	90
89) n-Butylbenzene	13.908	91	37709	2.826	ug/l #	1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

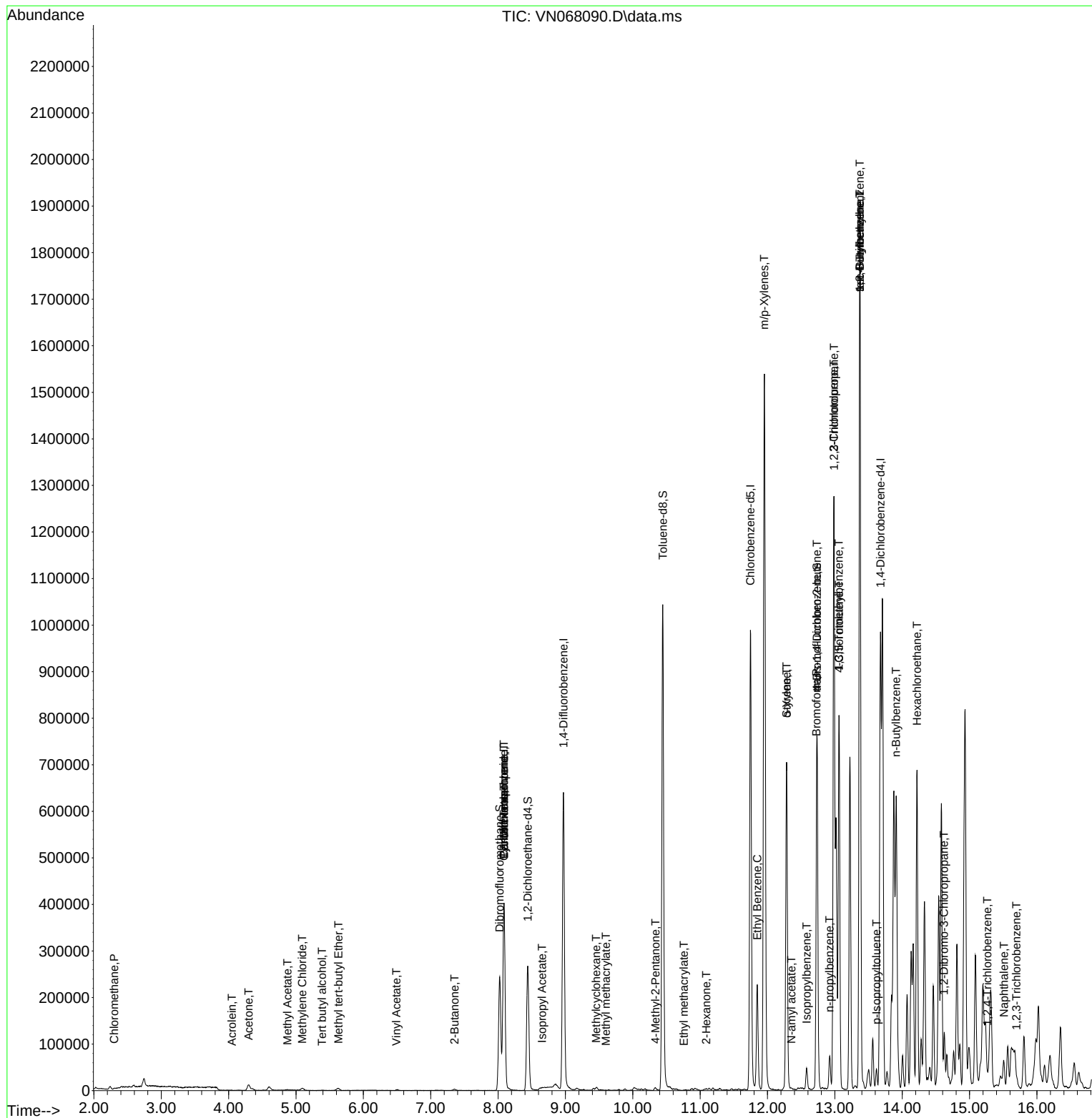
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.219	117	35140	13.200	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.619	75	508	0.507	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.263	180	1212	2.778	ug/l #	78
95) Naphthalene	15.509	128	45184	7.115	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.694	180	738	2.568	ug/l #	48

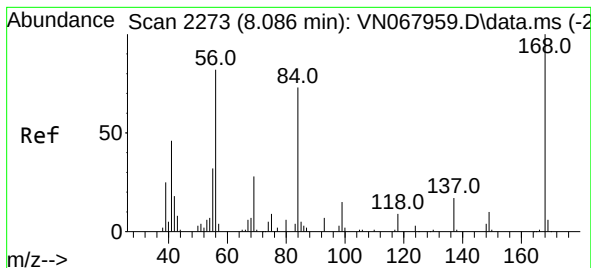
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

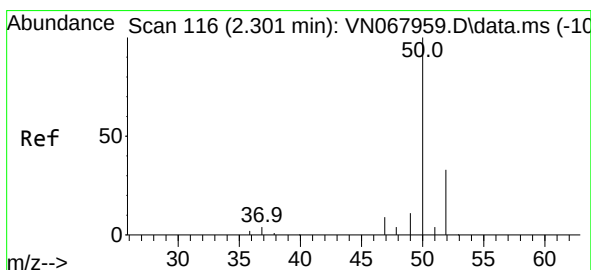
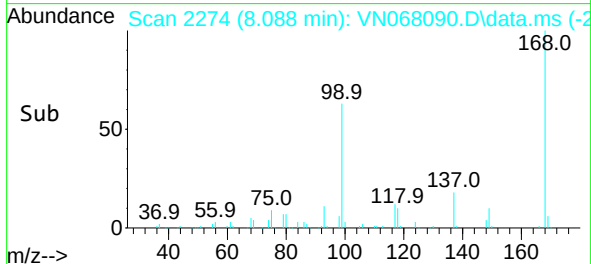
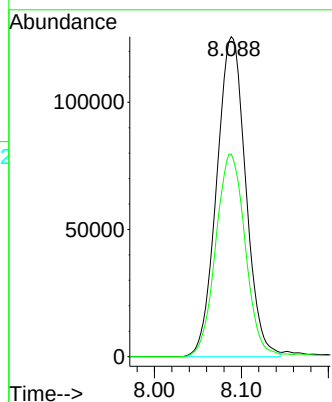
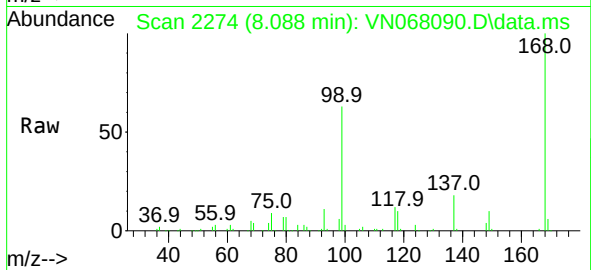




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

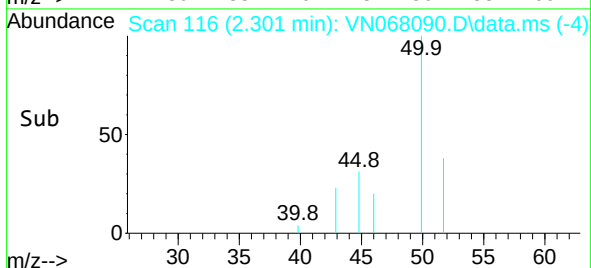
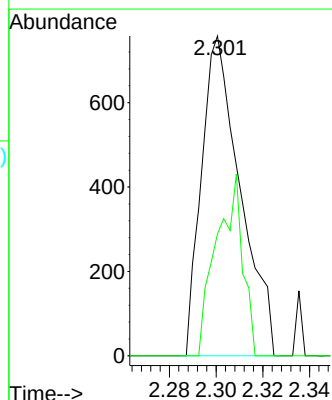
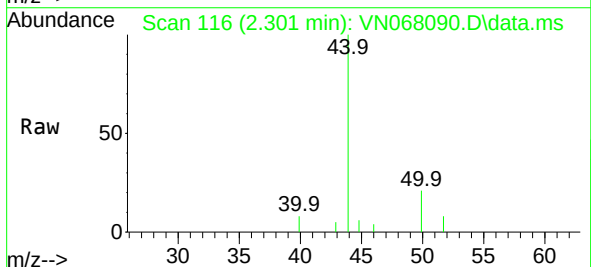
Instrument :
MSVOA_N
ClientSampled :

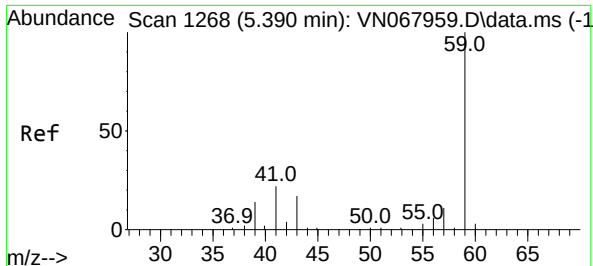
Tgt Ion:168 Resp: 291603
Ion Ratio Lower Upper
168 100
99 63.3 62.9 94.3



#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 38.1 25.6 38.4



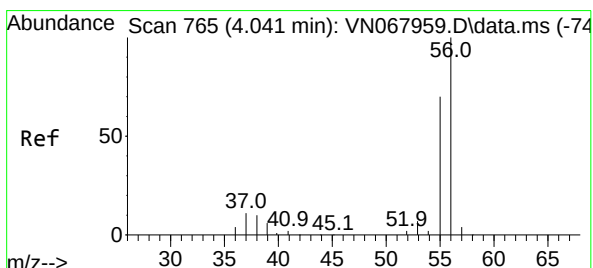
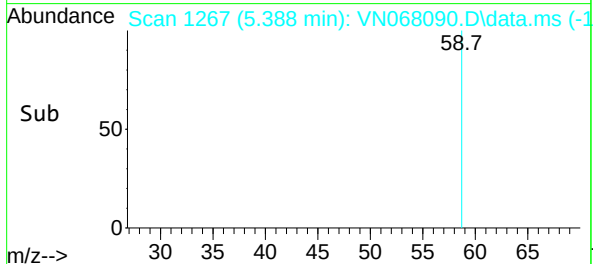
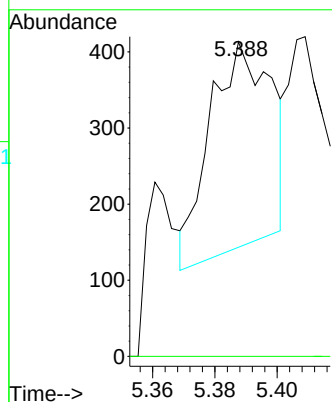
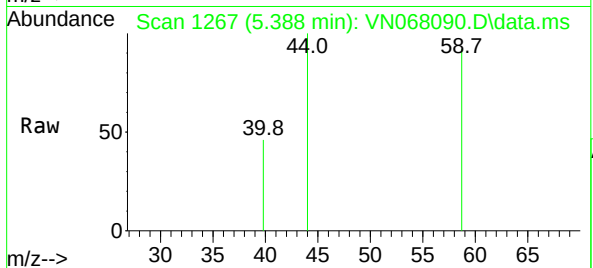


#11

Tert butyl alcohol
Concen: 0.664 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Instrument :
MSVOA_N
ClientSampled :

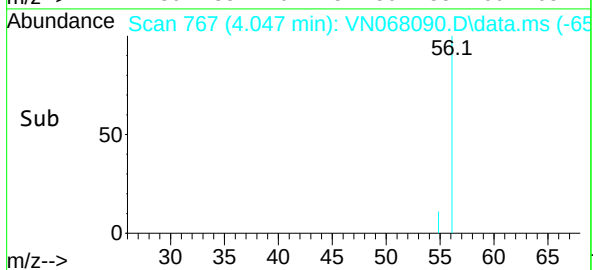
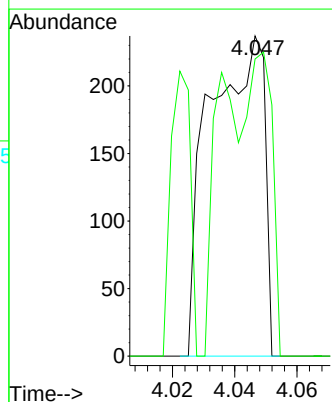
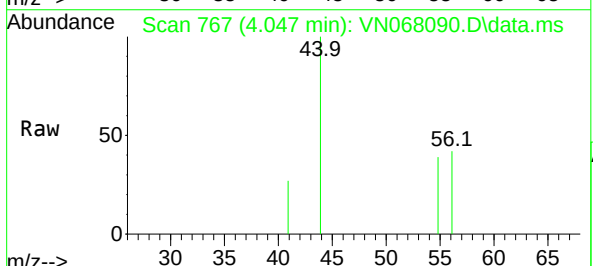
Tgt Ion: 59 Resp: 367
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

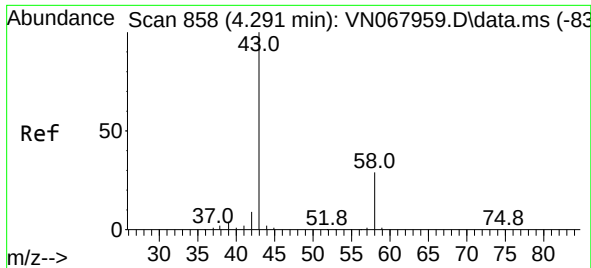


#13

Acrolein
Concen: 0.762 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 56 Resp: 286
Ion Ratio Lower Upper
56 100
55 45.5 57.4 86.0#

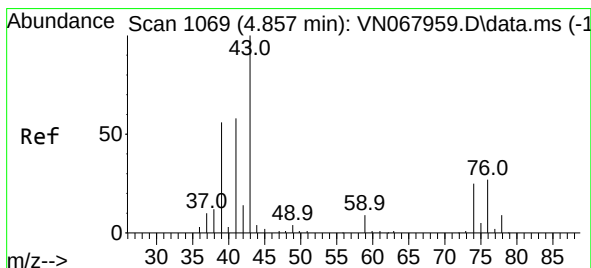
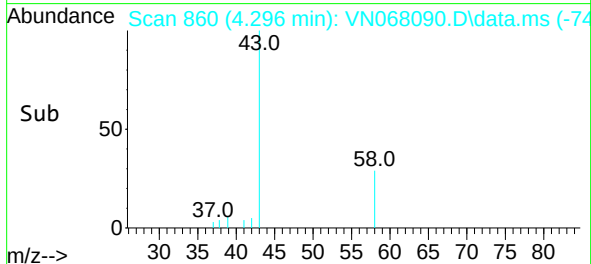
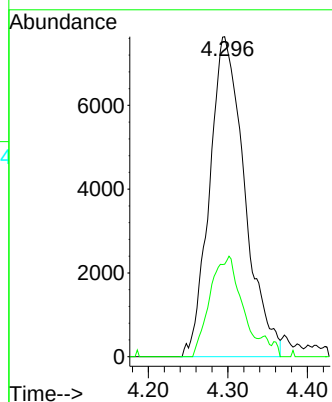
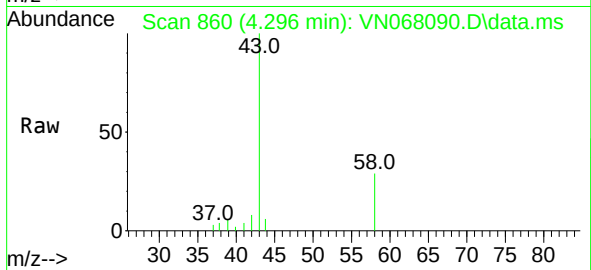




#16
Acetone
Concen: 15.553 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

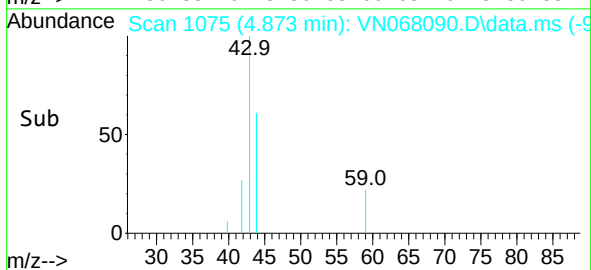
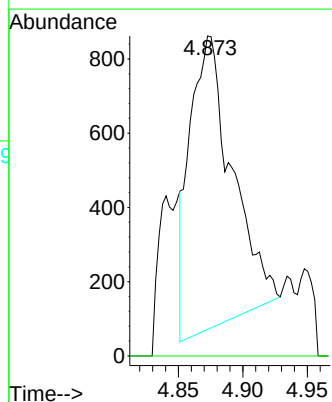
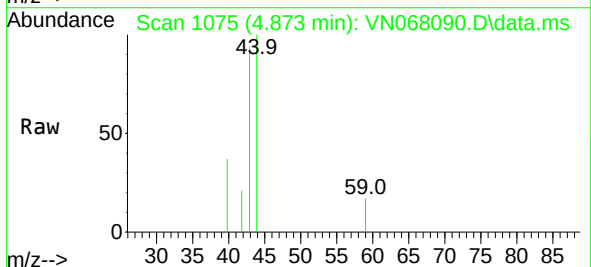
Instrument :
MSVOA_N
ClientSampled :

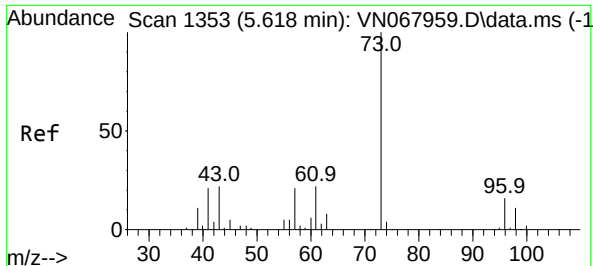
Tgt Ion: 43 Resp: 23427
Ion Ratio Lower Upper
43 100
58 28.9 21.2 31.8



#18
Methyl Acetate
Concen: 0.395 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



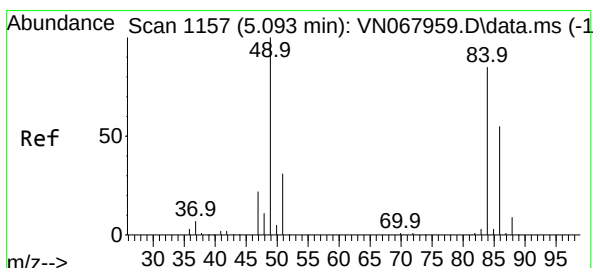
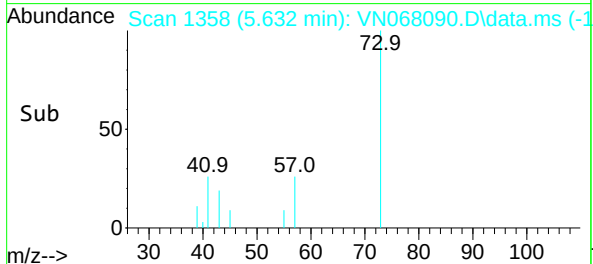
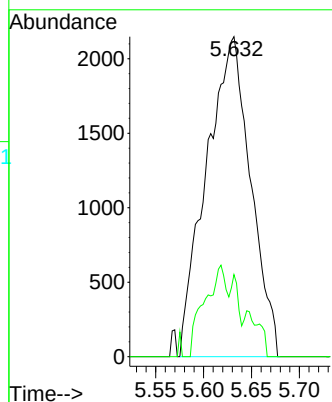
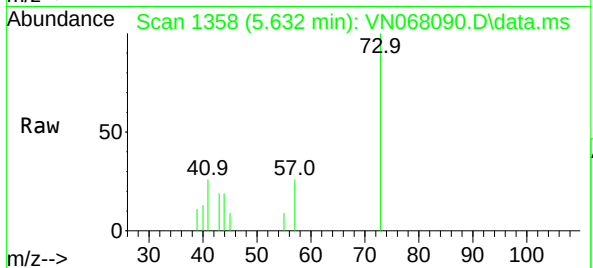


#19

Methyl tert-butyl Ether
Concen: 0.665 ug/l
RT: 5.632 min Scan# 1358
Delta R.T. 0.014 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Instrument :
MSVOA_N
ClientSampled :

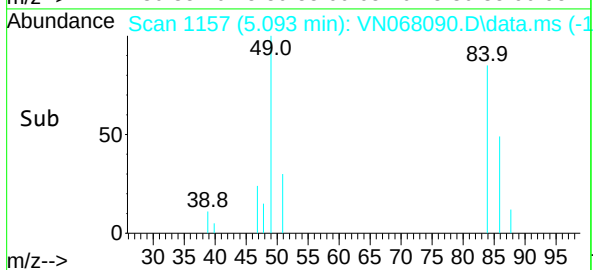
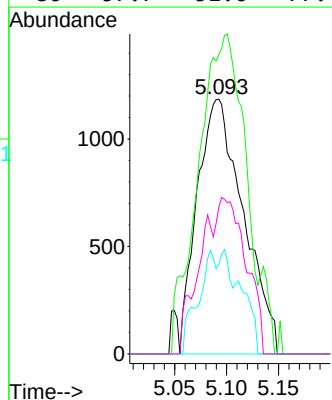
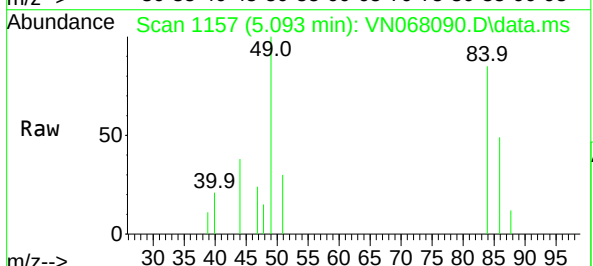
Tgt Ion: 73 Resp: 6901
Ion Ratio Lower Upper
73 100
57 25.7 17.0 25.6#

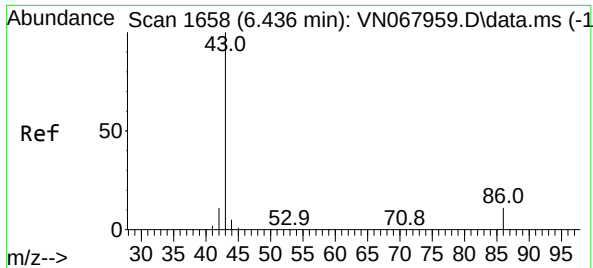


#20

Methylene Chloride
Concen: 0.776 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 84 Resp: 3672
Ion Ratio Lower Upper
84 100
49 104.6 110.9 166.3#
51 35.1 32.6 49.0
86 57.7 51.6 77.4

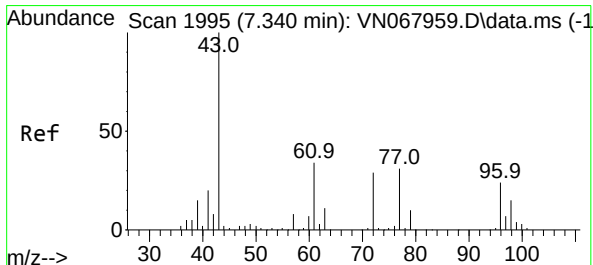
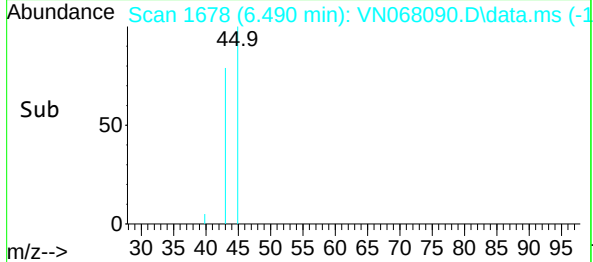
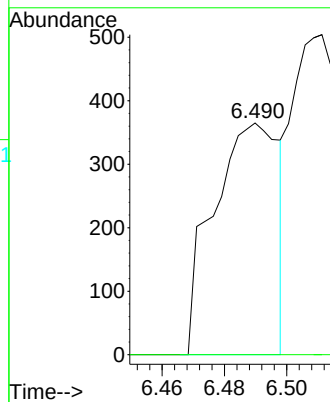
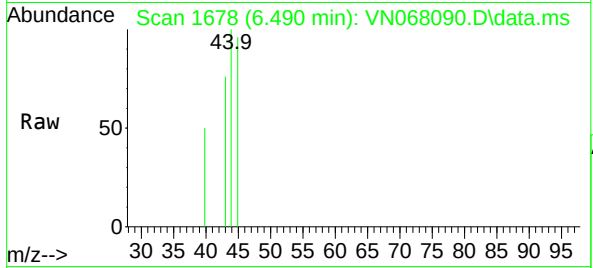




#23
 Vinyl Acetate
 Concen: 8.852 ug/l
 RT: 6.490 min Scan# 1678
 Delta R.T. 0.054 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

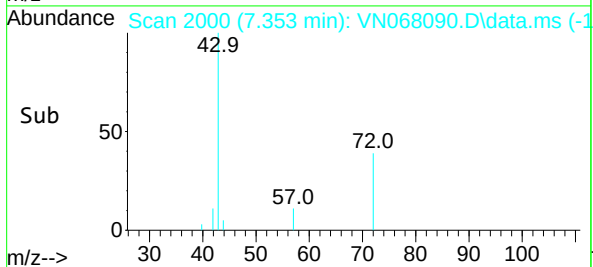
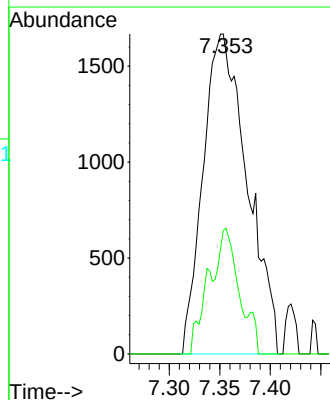
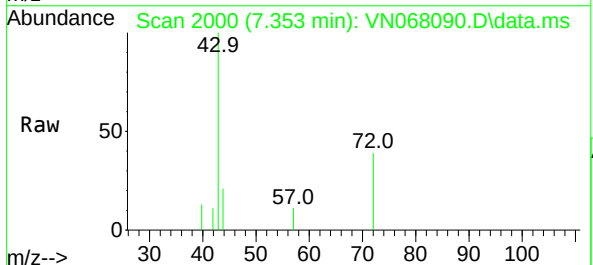
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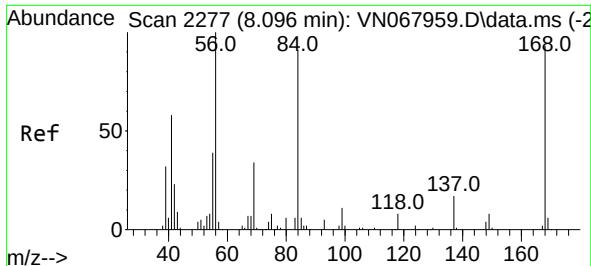
Tgt Ion: 43 Resp: 528
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#25
 2-Butanone
 Concen: 2.316 ug/l
 RT: 7.353 min Scan# 2000
 Delta R.T. 0.013 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

Tgt Ion: 43 Resp: 5062
 Ion Ratio Lower Upper
 43 100
 72 38.5 19.7 29.5#

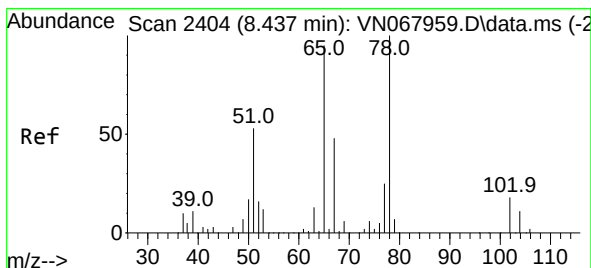
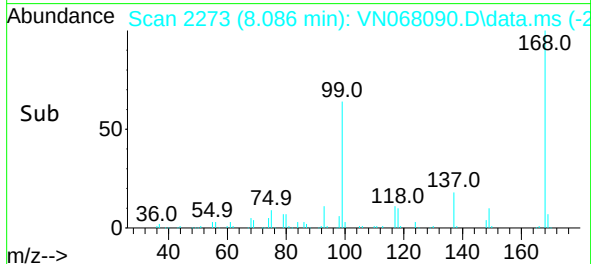
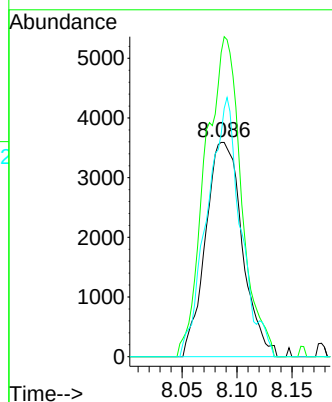
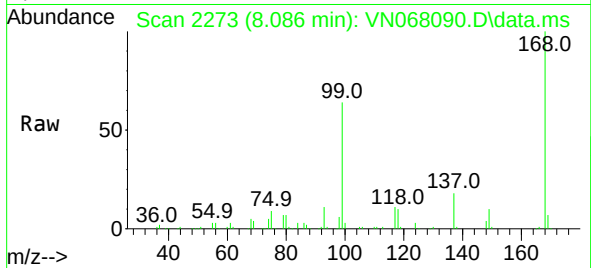




#31
Cyclohexane
Concen: 1.371 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

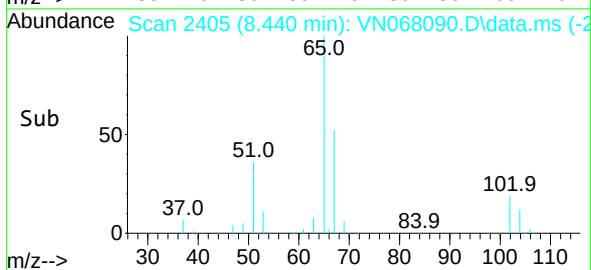
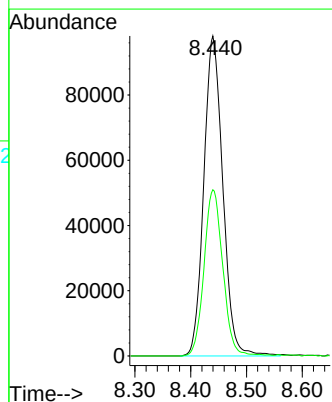
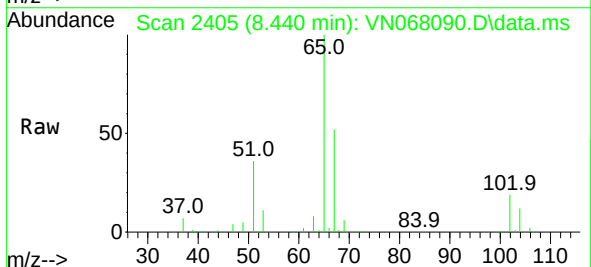
Instrument :
MSVOA_N
ClientSampled :

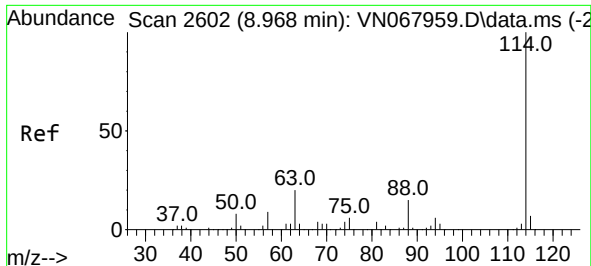
Tgt Ion: 56 Resp: 8348
Ion Ratio Lower Upper
56 100
69 141.9 27.3 40.9#
84 103.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 56.293 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 65 Resp: 232384
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

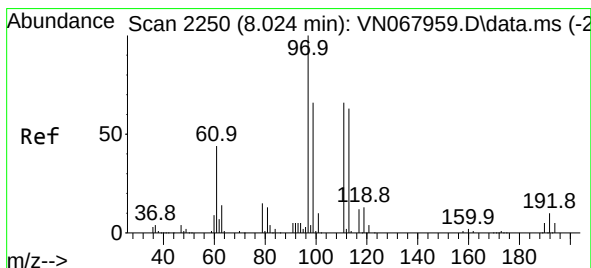
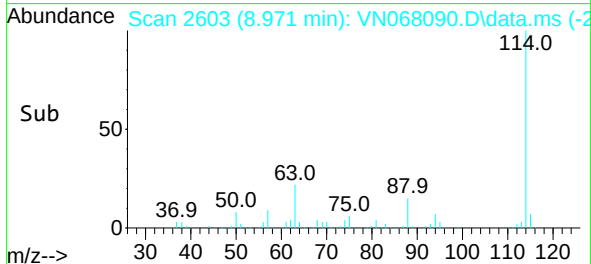
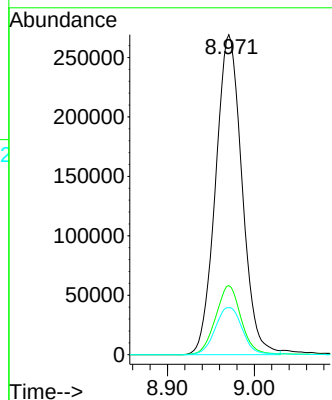
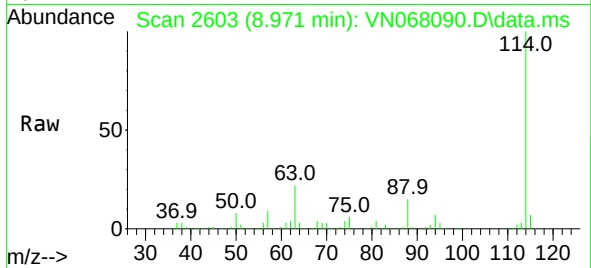




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

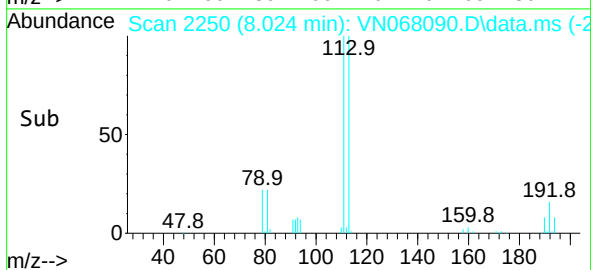
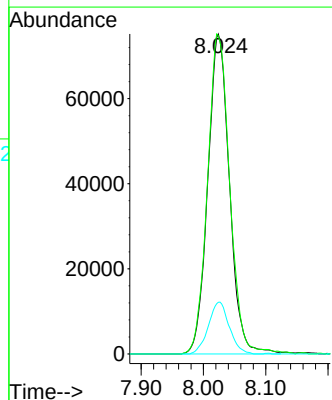
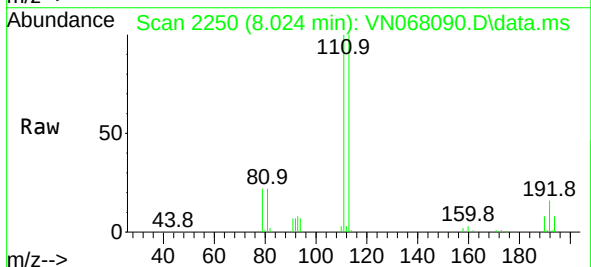
Instrument :
MSVOA_N
ClientSampled :

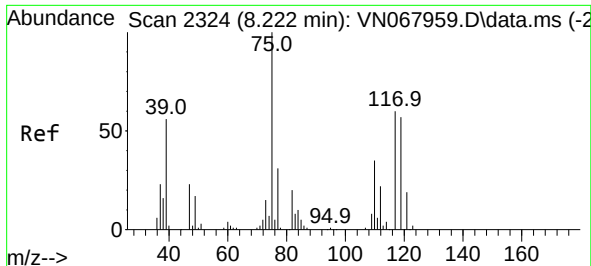
Tgt Ion:114 Resp: 567375
Ion Ratio Lower Upper
114 100
63 21.6 0.0 49.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.866 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion:113 Resp: 181420
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 15.7 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 8.088 min Scan# 2274

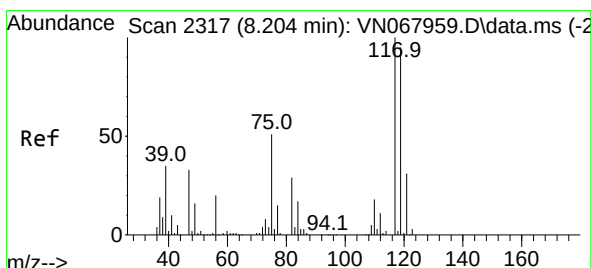
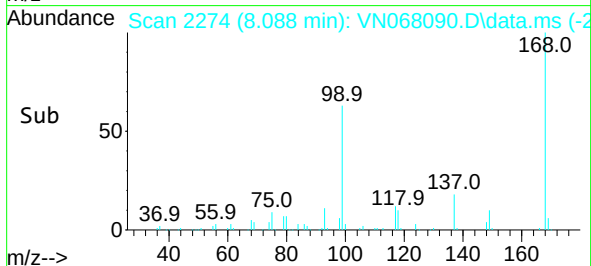
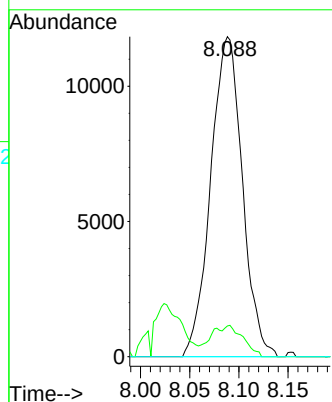
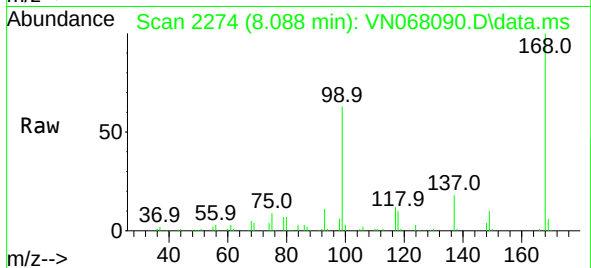
Delta R.T. -0.134 min

Lab File: VN068090.D

Acq: 12 Aug 2021 15:26

Tgt Ion:	75	Resp:	26519
Ion	Ratio	Lower	Upper
75	100		
110	1.8	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.256 ug/l

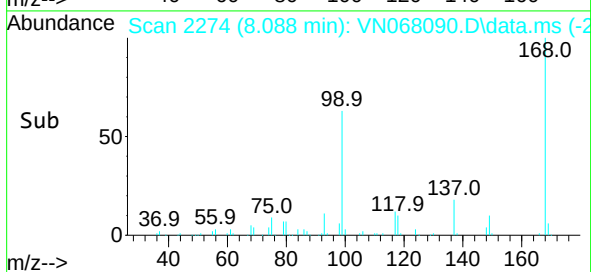
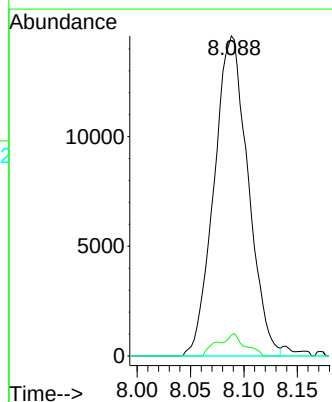
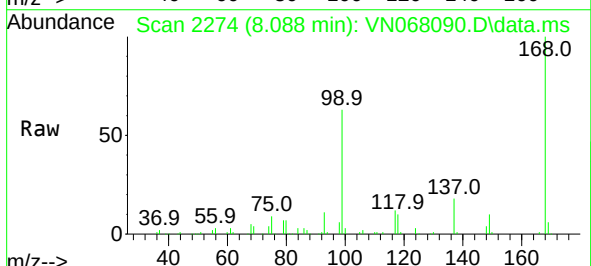
RT: 8.088 min Scan# 2274

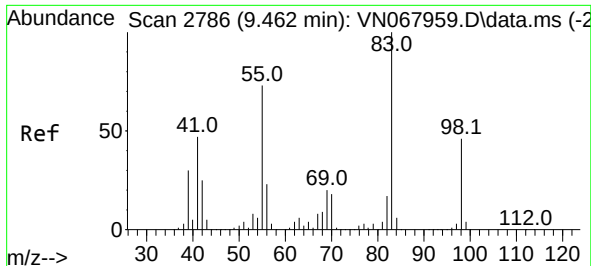
Delta R.T. -0.116 min

Lab File: VN068090.D

Acq: 12 Aug 2021 15:26

Tgt Ion:	117	Resp:	32291
Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.4	113.2#
121	0.0	23.5	35.3#





#39

Methylcyclohexane

Concen: 0.442 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.006 min

Lab File: VN068090.D

Acq: 12 Aug 2021 15:26

Tgt Ion: 83 Resp: 2507

Ion Ratio Lower Upper

83 100

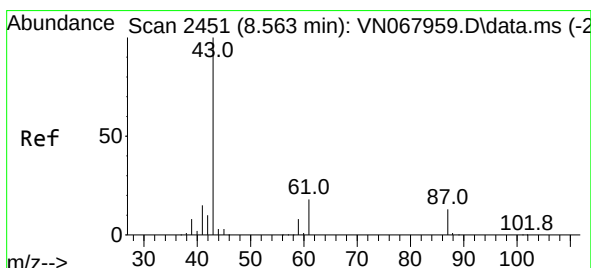
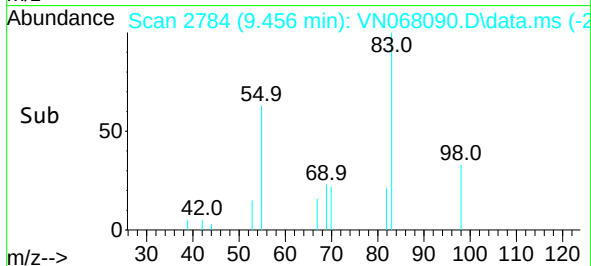
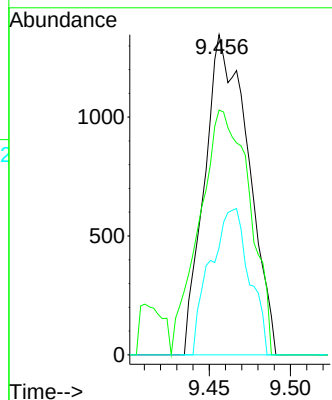
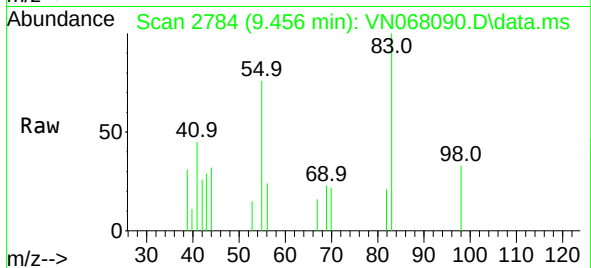
55 76.5 66.6 99.8

98 33.4 35.3 52.9#

Instrument :

MSVOA_N

ClientSampled :



#43

Isopropyl Acetate

Concen: 0.538 ug/l

RT: 8.654 min Scan# 2485

Delta R.T. 0.091 min

Lab File: VN068090.D

Acq: 12 Aug 2021 15:26

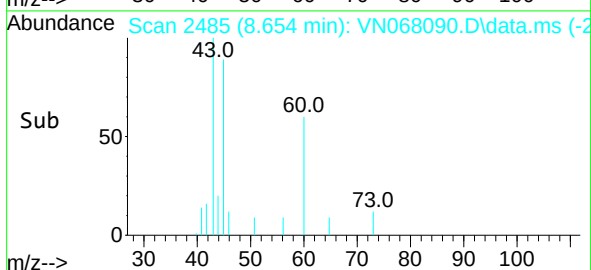
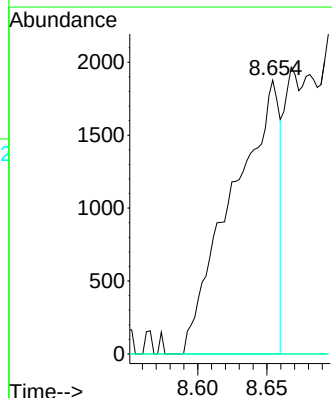
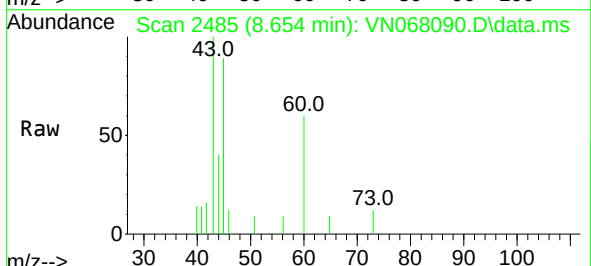
Tgt Ion: 43 Resp: 4430

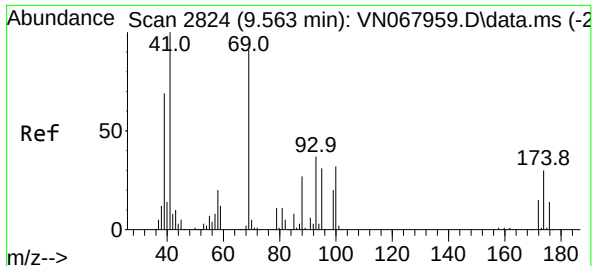
Ion Ratio Lower Upper

43 100

61 0.0 19.0 28.4#

87 0.0 9.5 14.3#

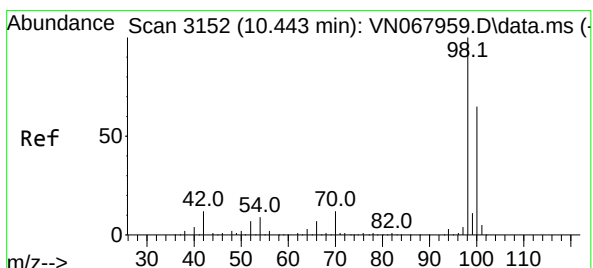
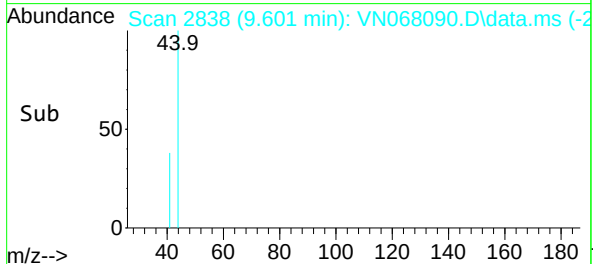
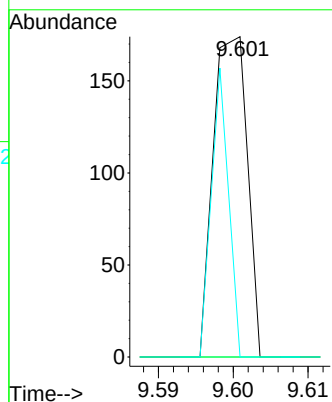
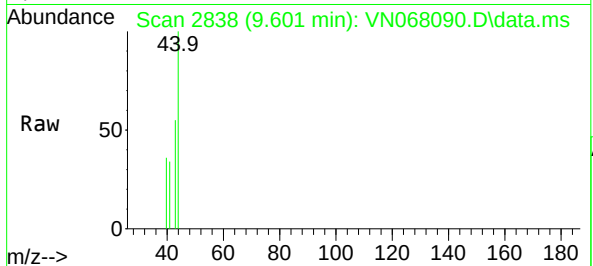




#48
Methyl methacrylate
Concen: 2.318 ug/l
RT: 9.601 min Scan# 2838
Delta R.T. 0.038 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

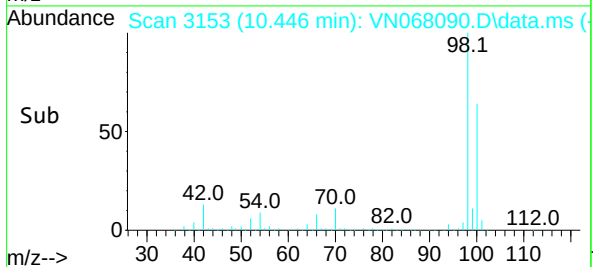
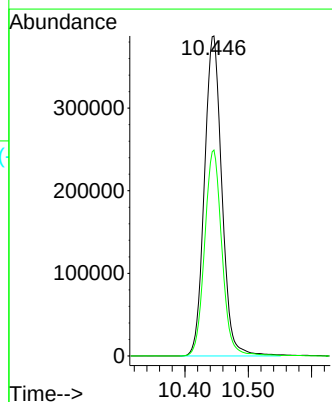
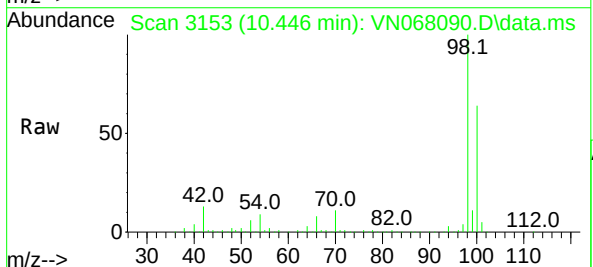
Instrument :
MSVOA_N
ClientSampled :

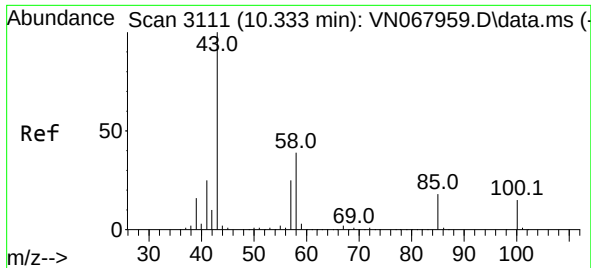
Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 45.5 53.3 79.9#



#50
Toluene-d8
Concen: 48.709 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 98 Resp: 741647
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

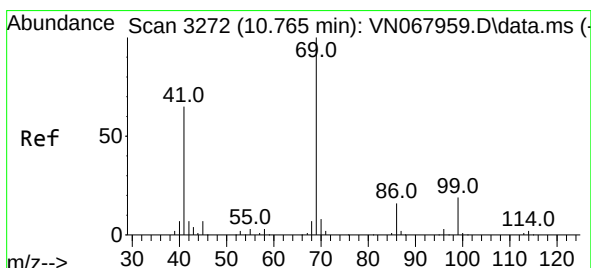
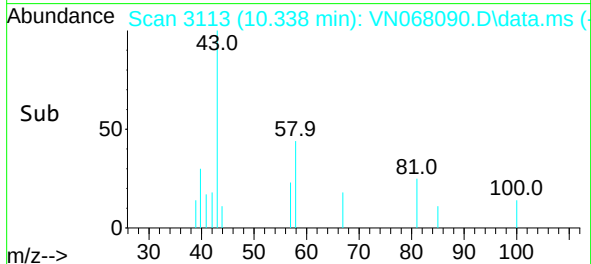
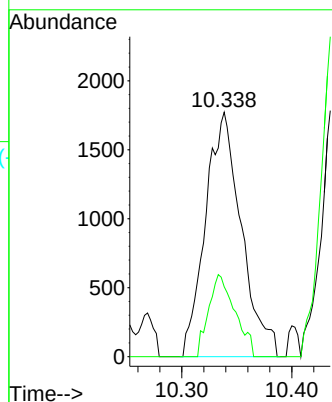
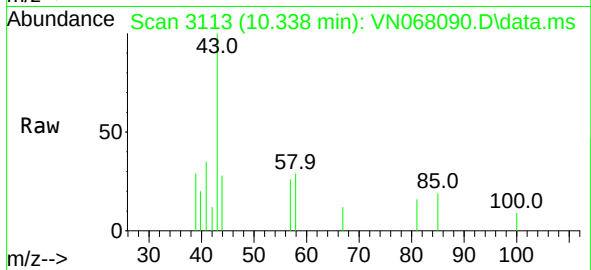




#51
4-Methyl-2-Pentanone
Concen: 13.204 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

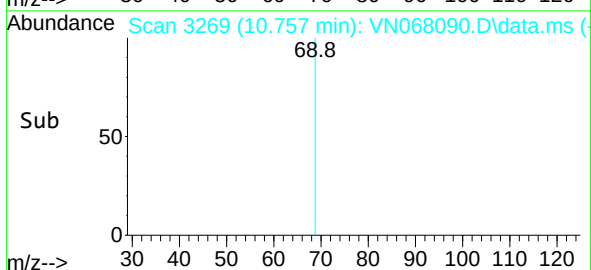
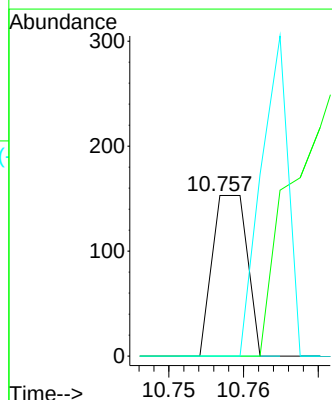
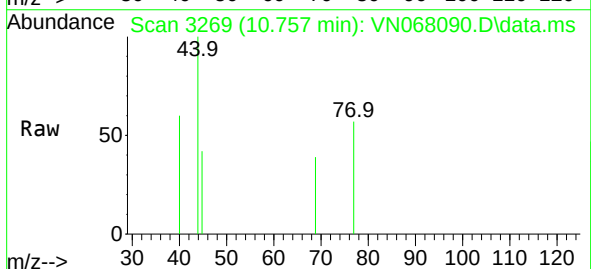
Instrument :
MSVOA_N
ClientSampled :

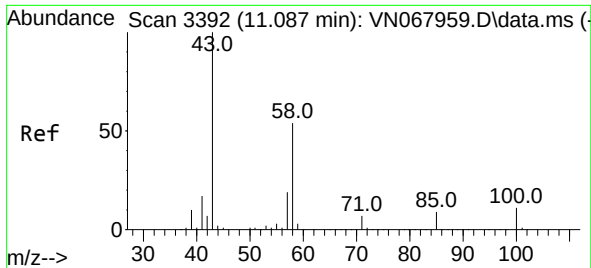
Tgt Ion: 43 Resp: 4022
Ion Ratio Lower Upper
43 100
58 24.6 28.6 43.0#



#56
Ethyl methacrylate
Concen: 3.105 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.008 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 69 Resp: 49
Ion Ratio Lower Upper
69 100
41 0.0 58.6 88.0#
39 157.1 38.3 57.5#

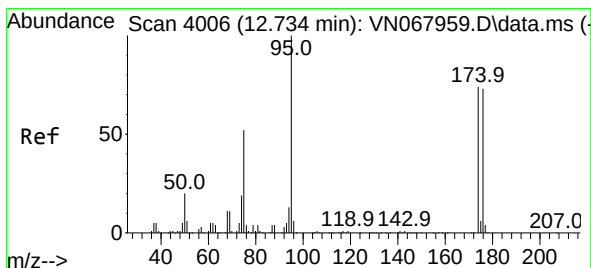
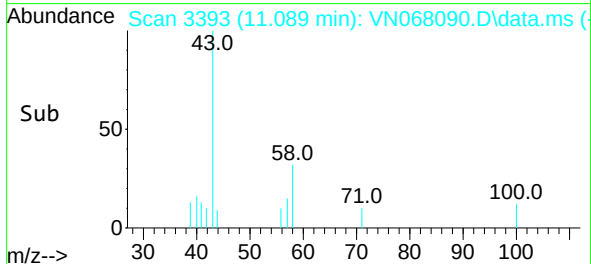
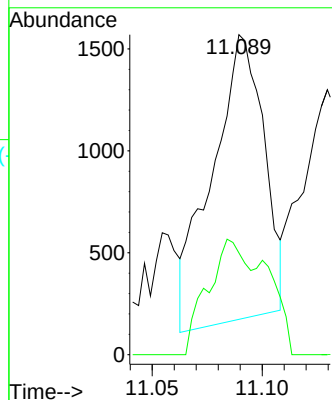
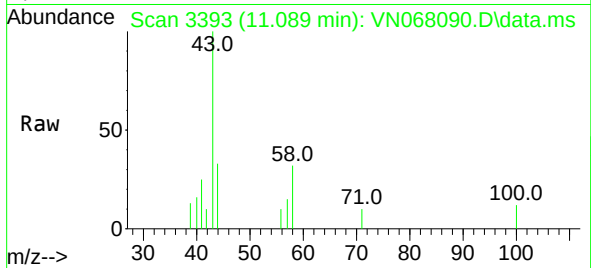




#59
2-Hexanone
Concen: 13.797 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

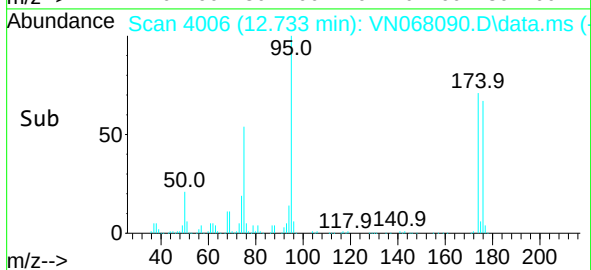
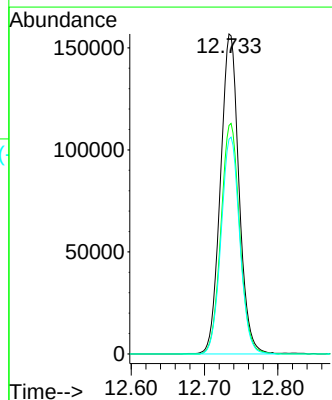
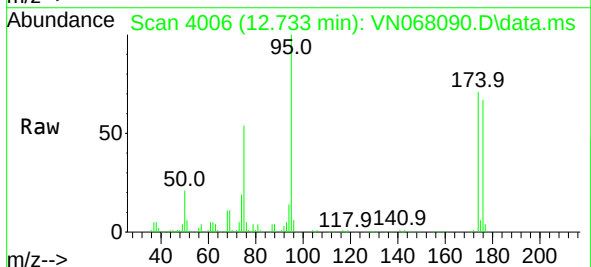
Instrument :
MSVOA_N
ClientSampled :

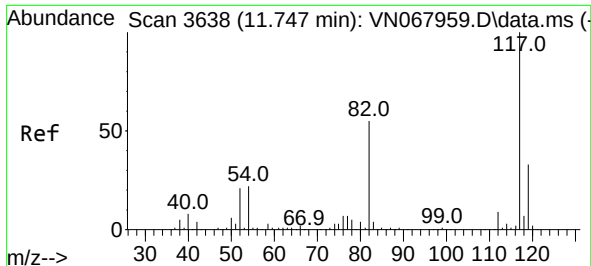
Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 30.8 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 95 Resp: 275679
Ion Ratio Lower Upper
95 100
174 72.9 0.0 122.0
176 68.0 0.0 117.6

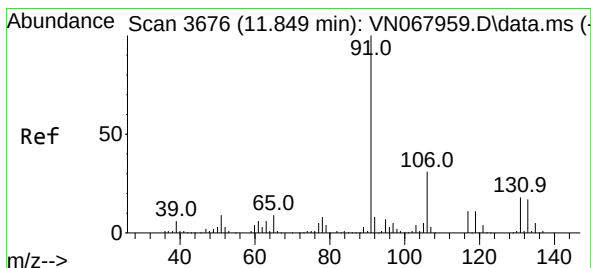
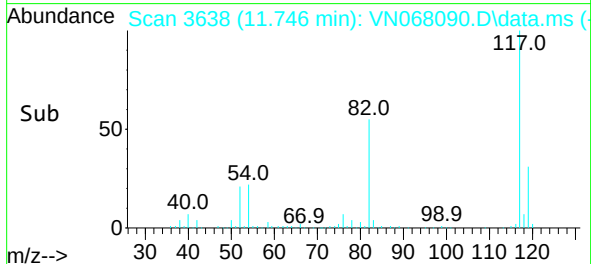
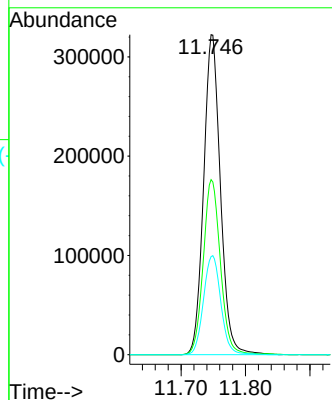
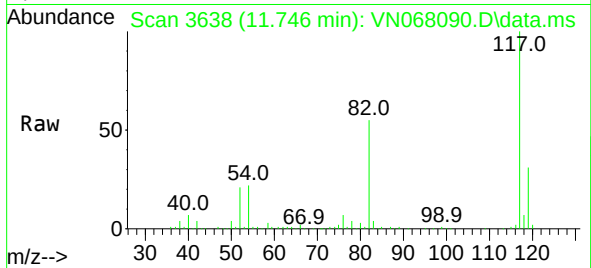




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

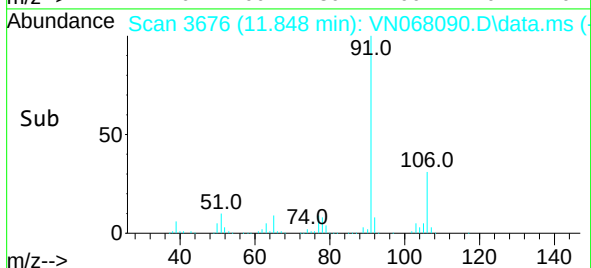
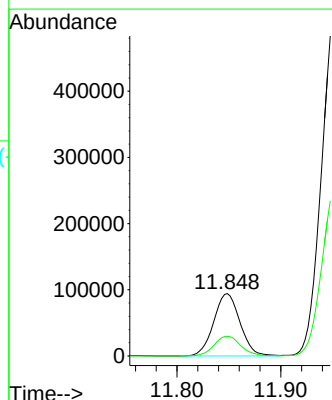
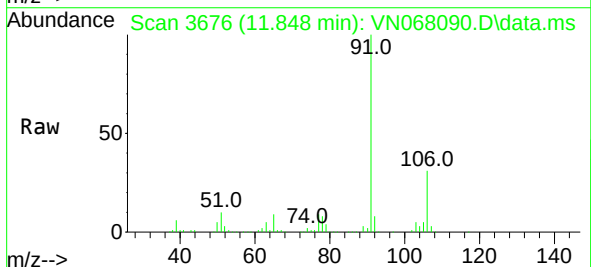
Instrument :
MSVOA_N
ClientSampled :

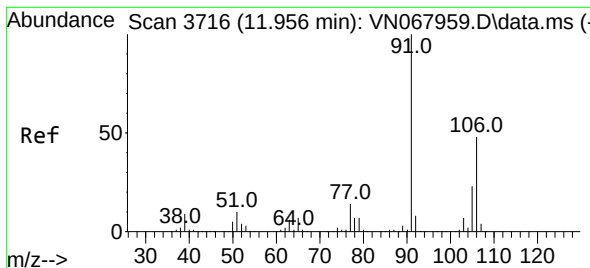
Tgt Ion:117 Resp: 584081
Ion Ratio Lower Upper
117 100
82 54.7 53.1 79.7
119 30.7 25.5 38.3



#67
Ethyl Benzene
Concen: 7.859 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 91 Resp: 166262
Ion Ratio Lower Upper
91 100
106 31.5 23.4 35.0

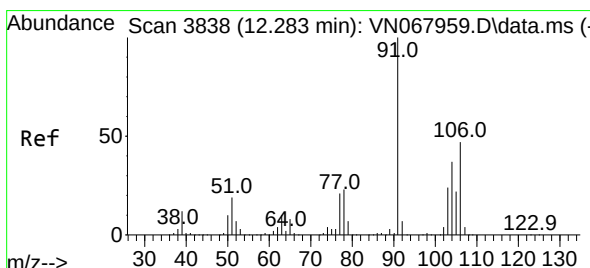
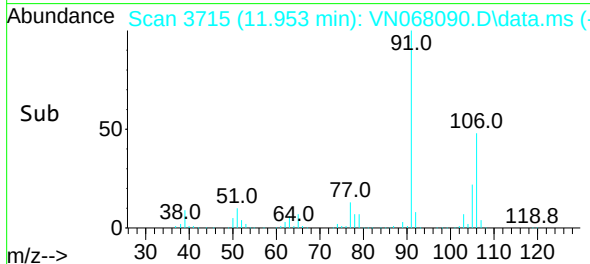
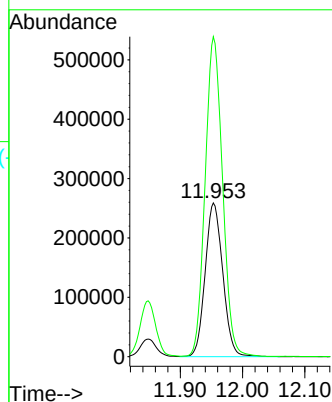
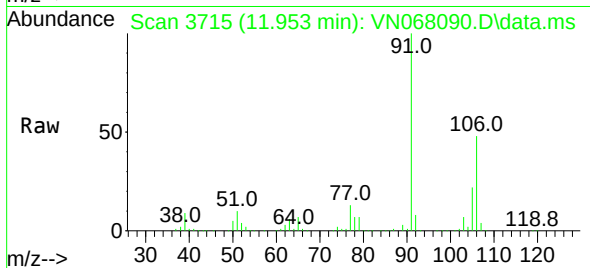




#68
m/p-Xylenes
Concen: 56.875 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

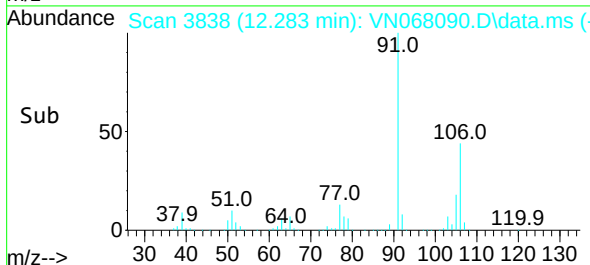
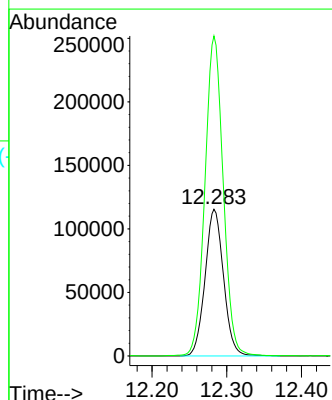
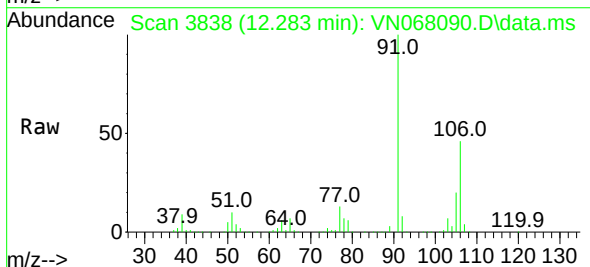
Instrument :
MSVOA_N
ClientSampled :

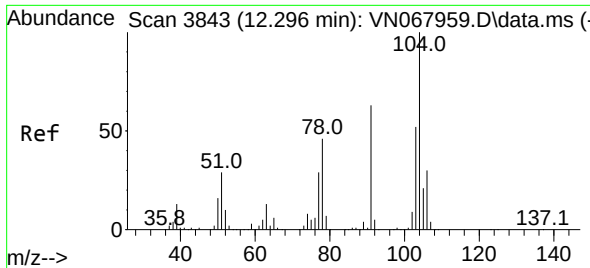
Tgt Ion:106 Resp: 508762
Ion Ratio Lower Upper
106 100
91 205.3 180.6 270.8



#69
o-Xylene
Concen: 25.484 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion:106 Resp: 198196
Ion Ratio Lower Upper
106 100
91 216.1 118.3 354.9

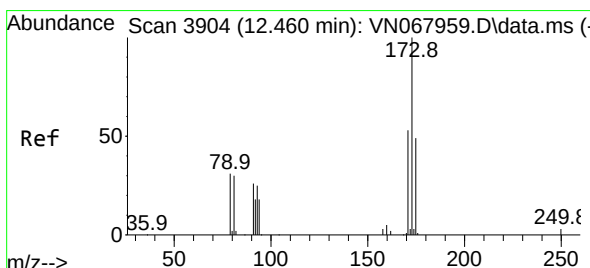
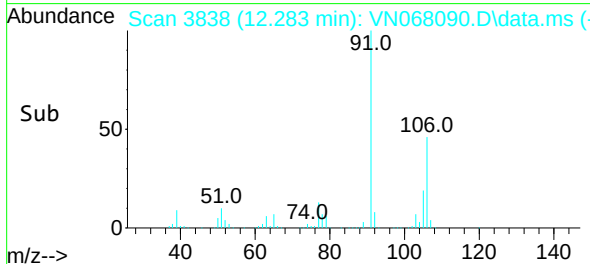
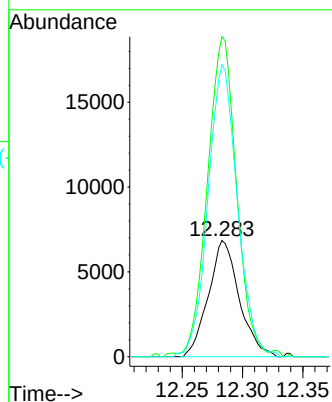
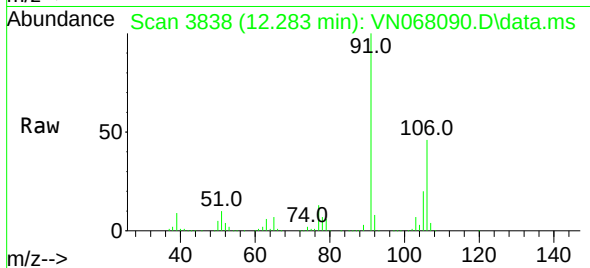




#70
Styrene
Concen: 3.385 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.013 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

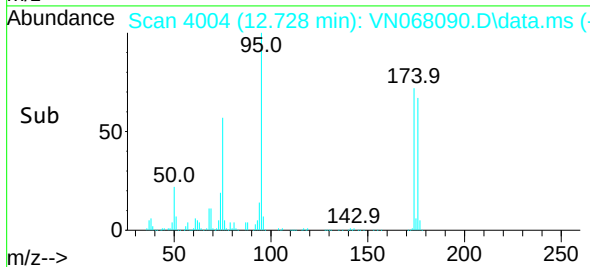
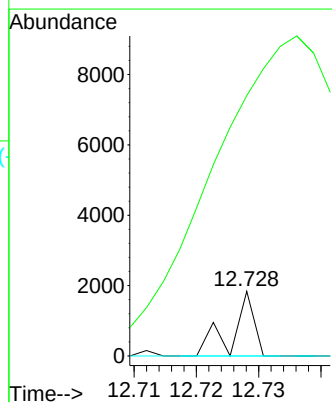
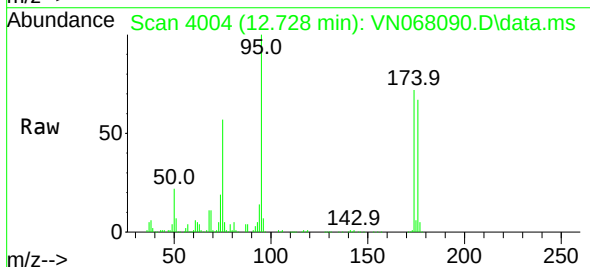
Instrument :
MSVOA_N
ClientSampled :

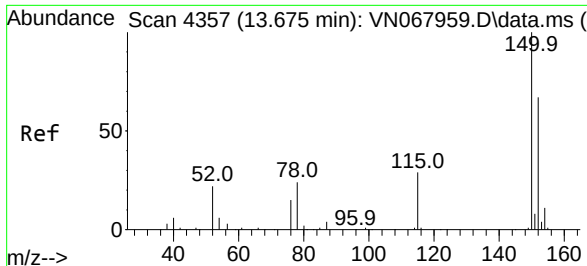
Tgt Ion:104 Resp: 12193
Ion Ratio Lower Upper
104 100
78 259.8 48.2 72.2#
103 239.5 44.5 66.7#



#71
Bromoform
Concen: 4.142 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion:173 Resp: 450
Ion Ratio Lower Upper
173 100
175 3175.1 23.9 71.8#
254 0.0 0.0 0.0

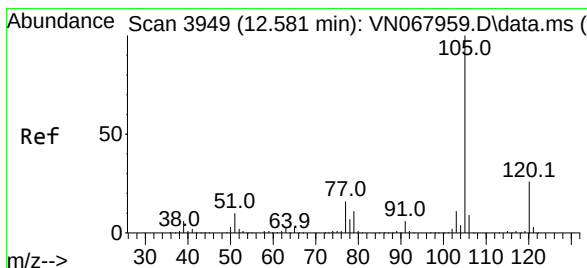
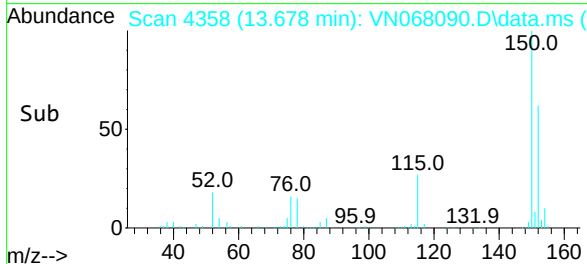
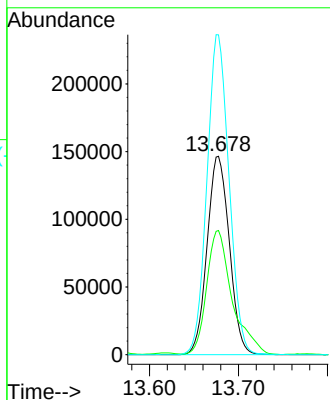
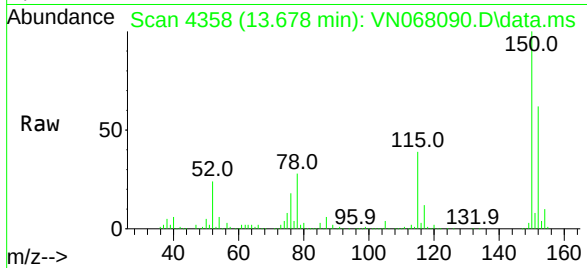




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

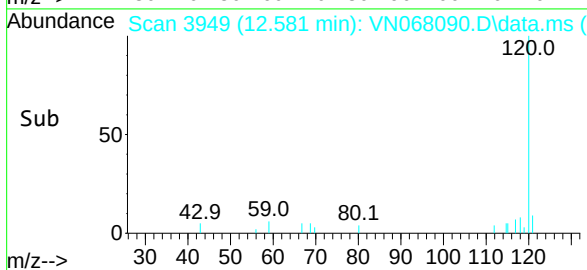
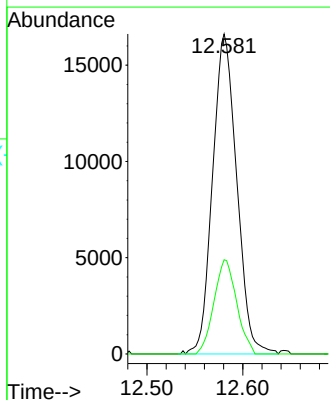
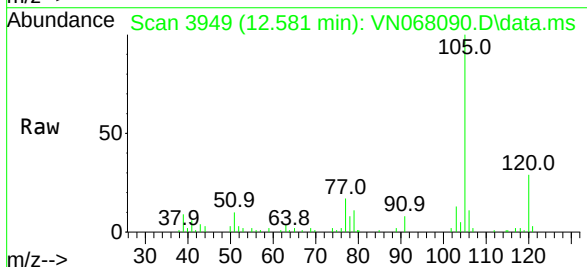
Instrument :
 MSVOA_N
 ClientSampled :

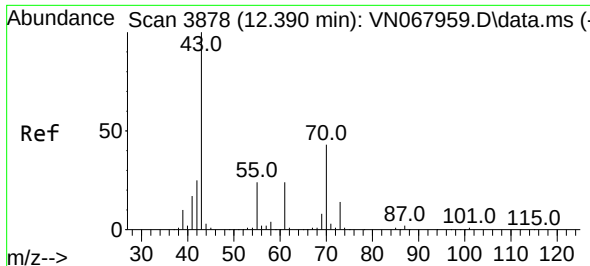
Tgt Ion:152 Resp: 254344
 Ion Ratio Lower Upper
 152 100
 115 71.5 36.1 108.5
 150 160.1 0.0 351.8



#73
 Isopropylbenzene
 Concen: 1.400 ug/l
 RT: 12.581 min Scan# 3949
 Delta R.T. -0.000 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

Tgt Ion:105 Resp: 29042
 Ion Ratio Lower Upper
 105 100
 120 27.5 12.5 37.5

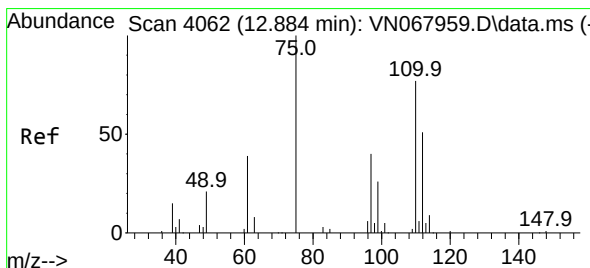
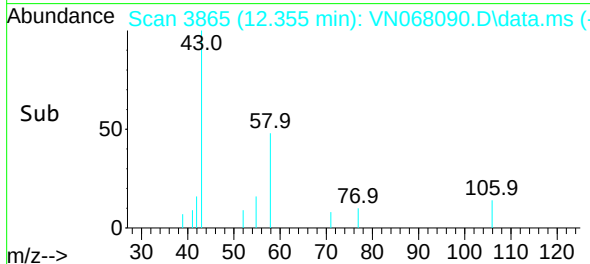
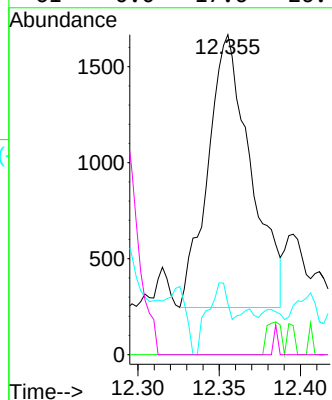
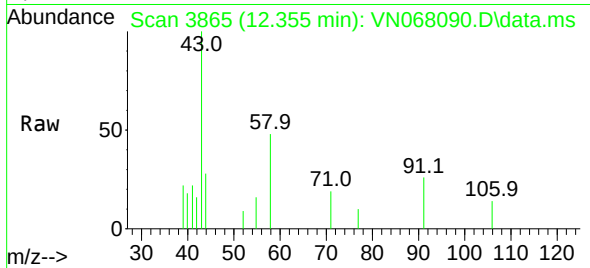




#74
N-amy1 acetate
Concen: 0.359 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.035 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

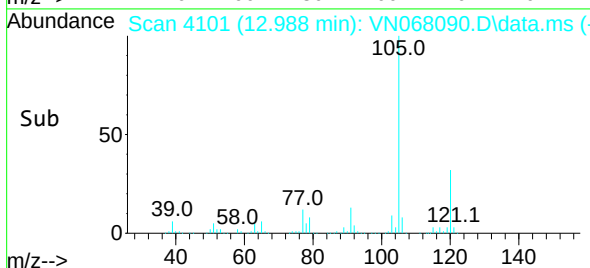
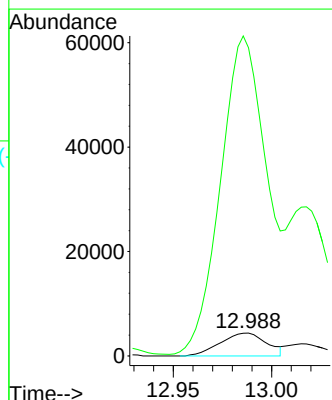
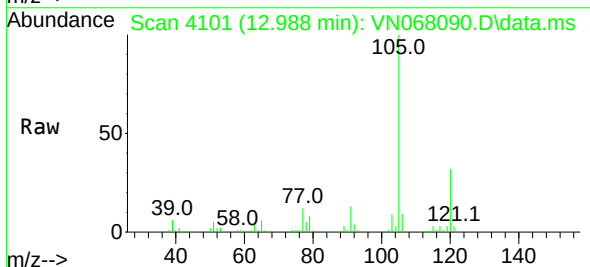
Instrument :
MSVOA_N
ClientSampleId :

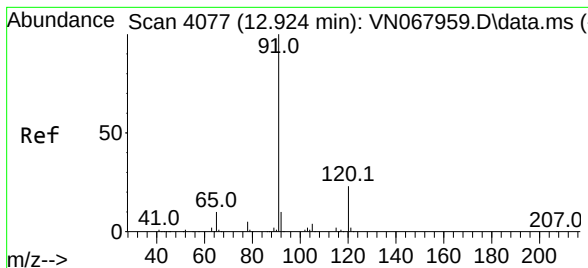
Tgt Ion:	43	Resp:	2591
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.4	44.2#
55	14.6	17.0	25.4#
61	0.0	17.6	26.4#



#76
1,2,3-Trichloropropane
Concen: 1.408 ug/l
RT: 12.988 min Scan# 4101
Delta R.T. 0.104 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion:	75	Resp:	7193
Ion	Ratio	Lower	Upper
75	100		
77	1361.7	0.0	0.0#





#78

n-propylbenzene

Concen: 2.381 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.003 min

Lab File: VN068090.D

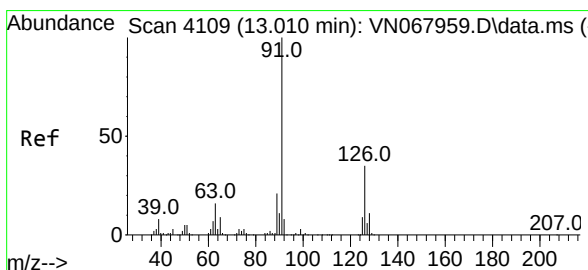
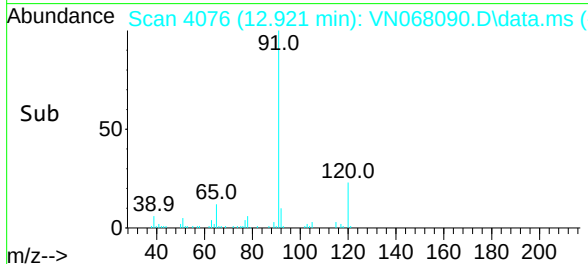
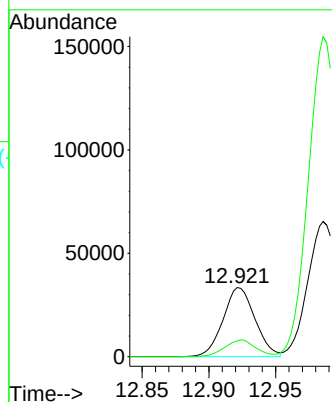
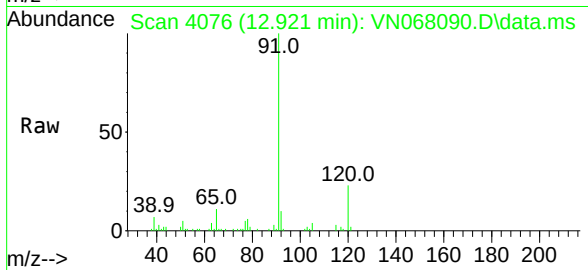
Acq: 12 Aug 2021 15:26

Tgt Ion: 91 Resp: 55756

Ion Ratio Lower Upper

91 100

120 23.5 10.4 31.4



#79

2-Chlorotoluene

Concen: 7.337 ug/l

RT: 12.986 min Scan# 4100

Delta R.T. -0.024 min

Lab File: VN068090.D

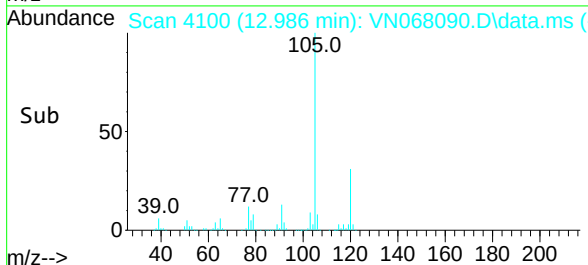
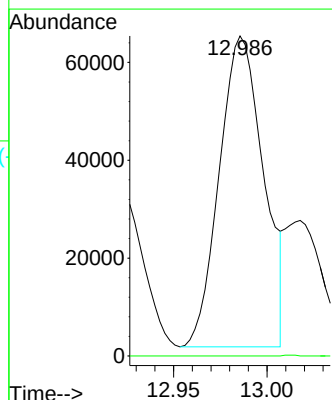
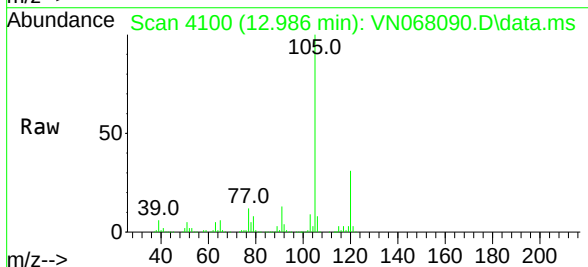
Acq: 12 Aug 2021 15:26

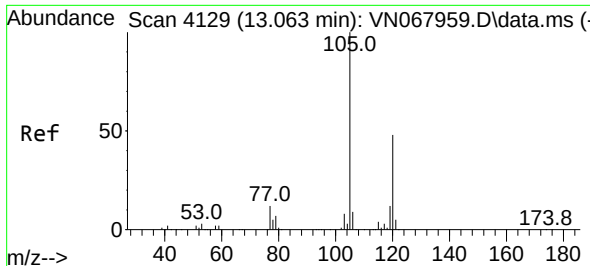
Tgt Ion: 91 Resp: 104714

Ion Ratio Lower Upper

91 100

126 0.0 14.5 43.5#

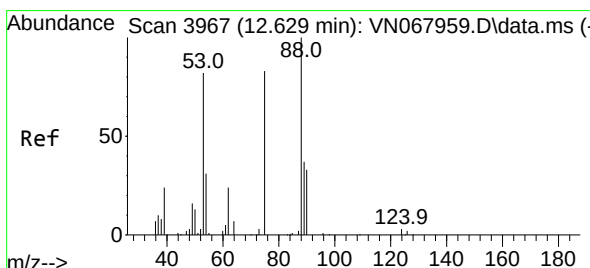
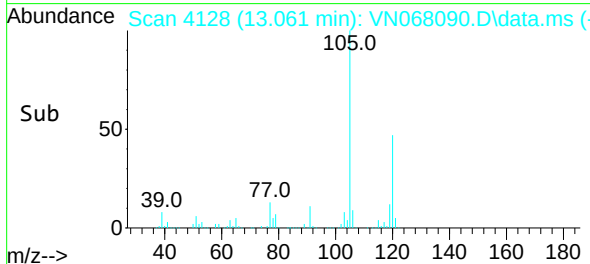
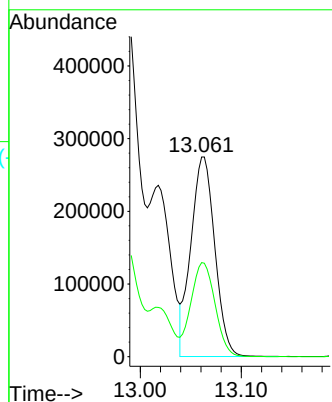
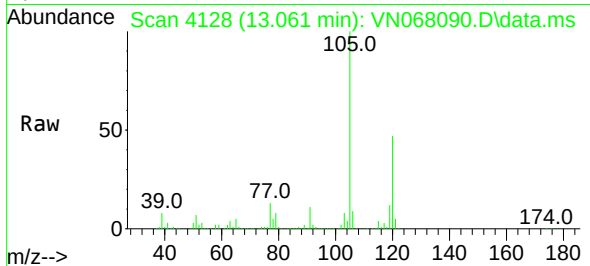




#80
 1,3,5-Trimethylbenzene
 Concen: 26.843 ug/l
 RT: 13.061 min Scan# 4128
 Delta R.T. -0.002 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

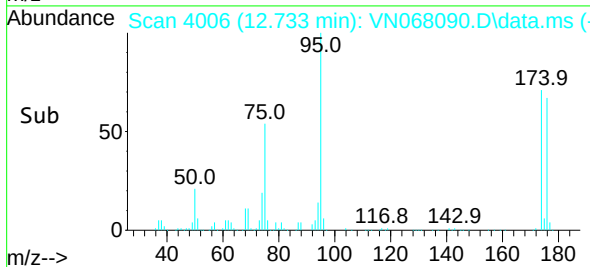
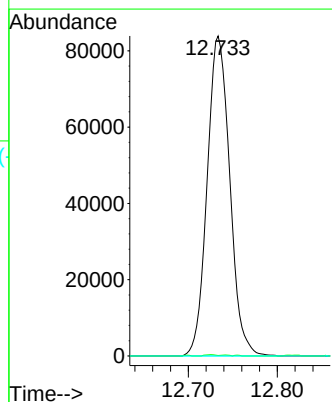
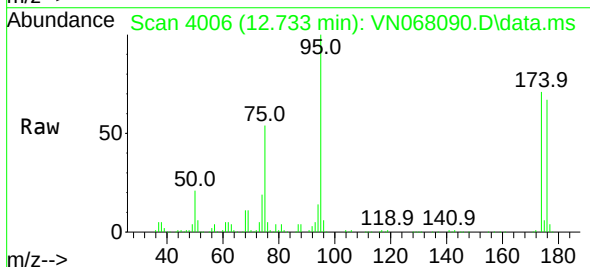
Instrument :
 MSVOA_N
 ClientSampled :

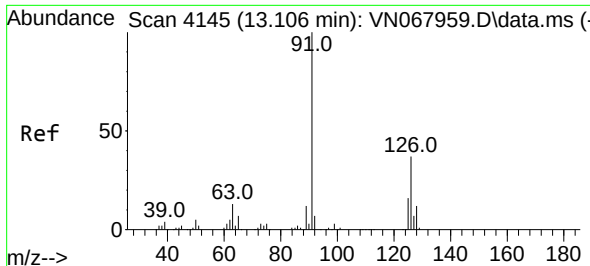
Tgt Ion:105 Resp: 451498
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.2 66.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.248 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.104 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

Tgt Ion: 75 Resp: 148087
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.6 131.4#
 89 0.0 37.8 56.8#

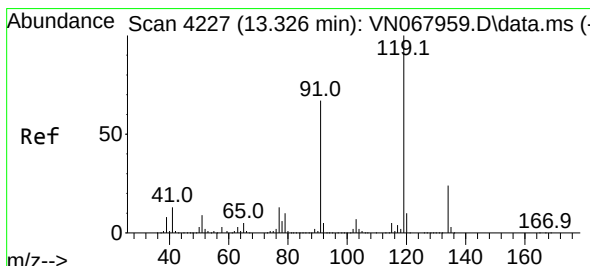
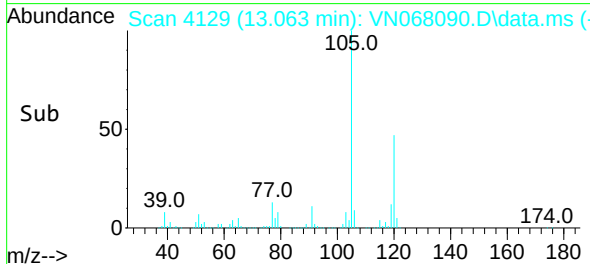
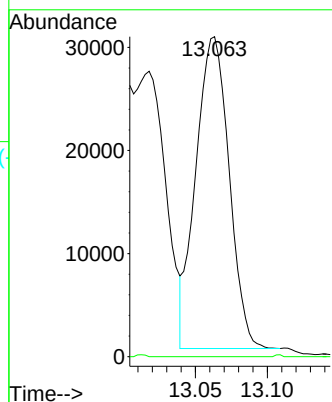
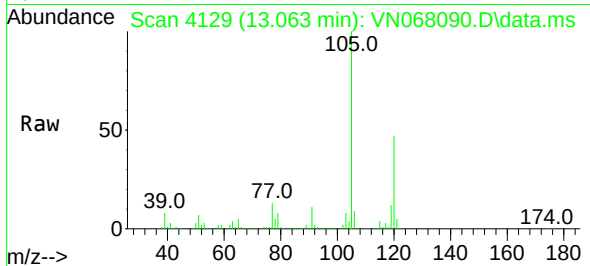




#82
4-Chlorotoluene
Concen: 3.394 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. -0.043 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

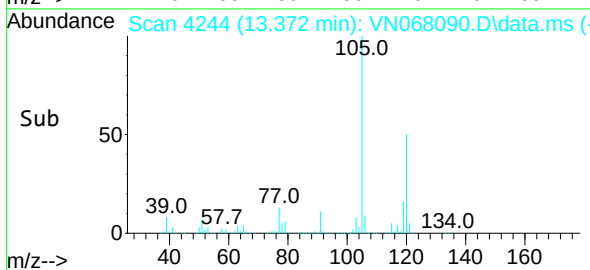
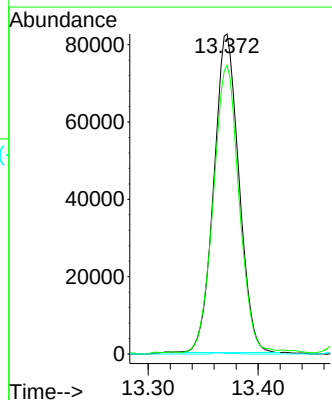
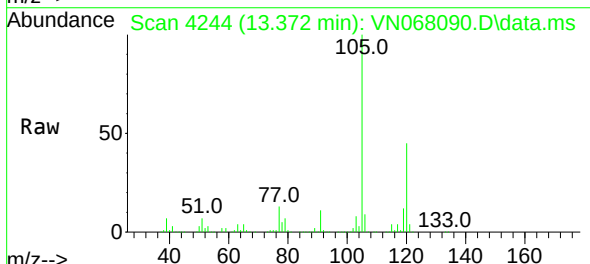
Instrument :
MSVOA_N
ClientSampled :

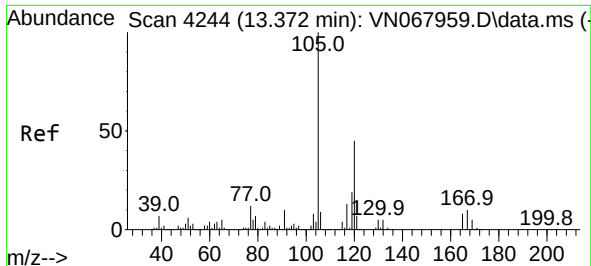
Tgt Ion: 91 Resp: 48635
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#



#83
tert-Butylbenzene
Concen: 9.332 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.046 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 119 Resp: 130514
Ion Ratio Lower Upper
119 100
91 92.2 39.5 118.5
134 0.0 12.0 36.0#

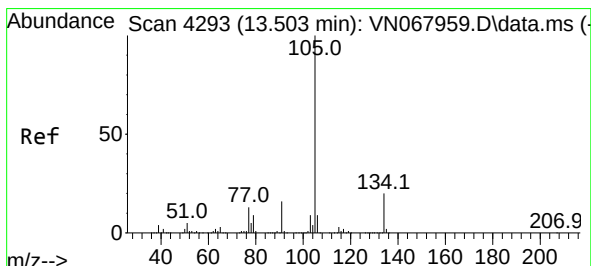
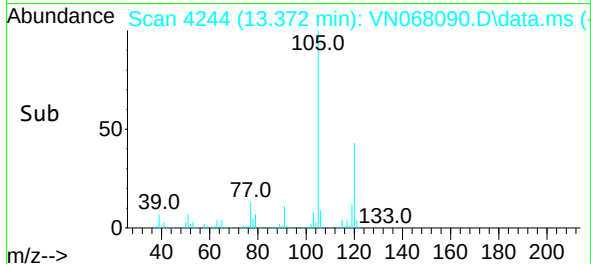
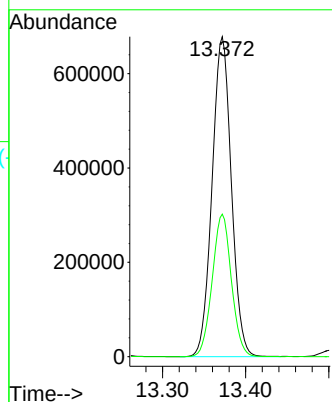
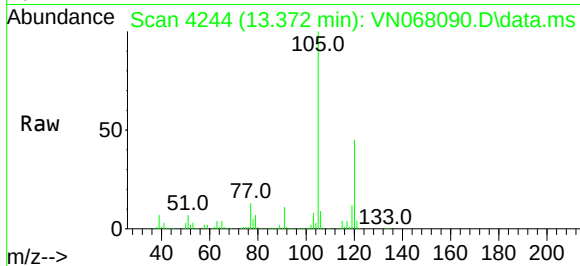




#84
1,2,4-Trimethylbenzene
Concen: 67.036 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

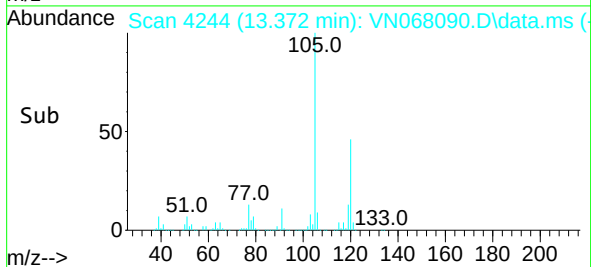
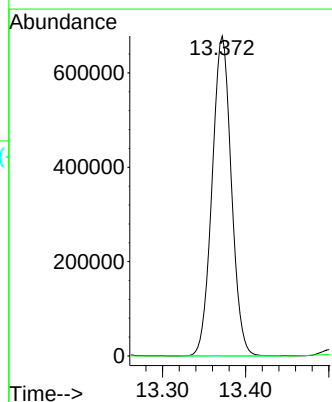
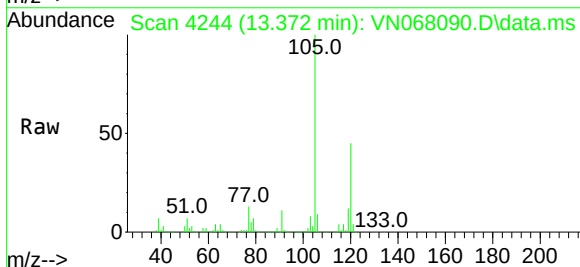
Instrument :
MSVOA_N
ClientSampled :

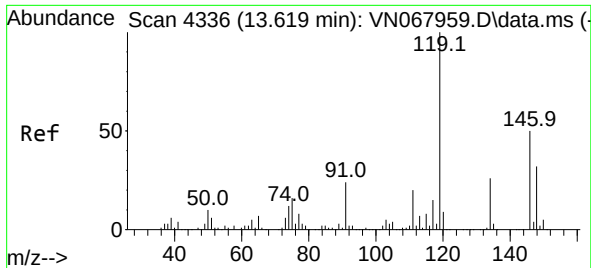
Tgt Ion:105 Resp: 1092440
Ion Ratio Lower Upper
105 100
120 44.4 20.6 61.8



#85
sec-Butylbenzene
Concen: 55.843 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.131 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion:105 Resp: 1092440
Ion Ratio Lower Upper
105 100
134 0.0 9.0 27.1#

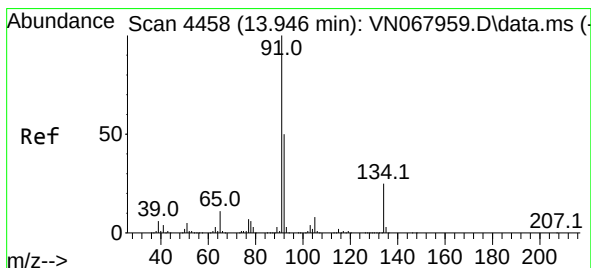
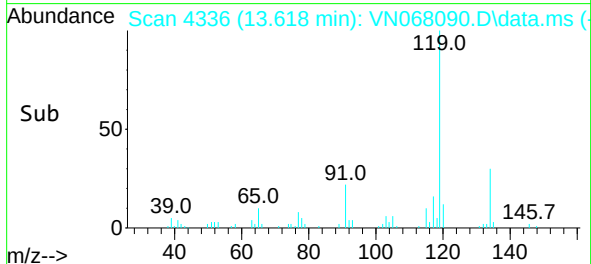
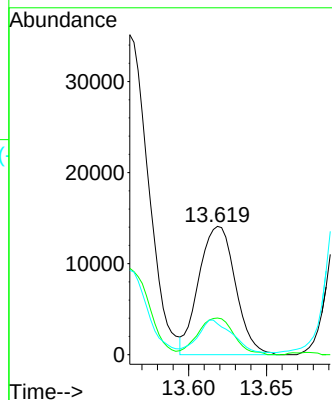
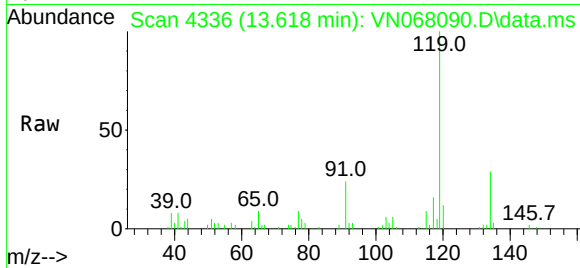




#86
p-Isopropyltoluene
Concen: 1.479 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

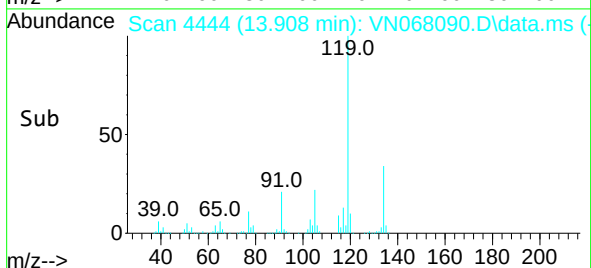
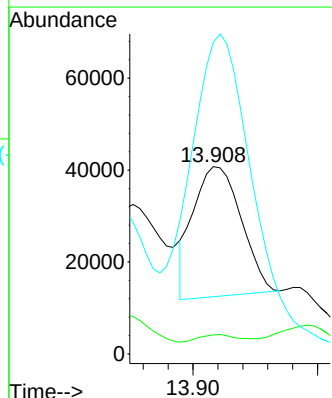
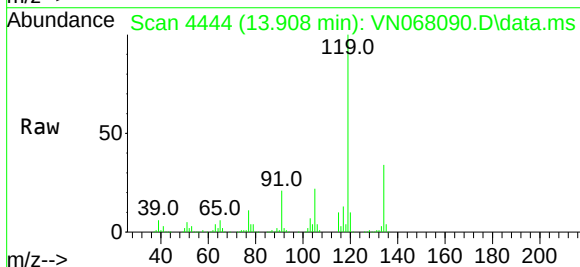
Instrument :
MSVOA_N
ClientSampleId :

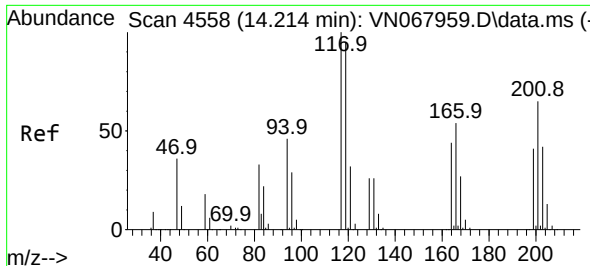
Tgt Ion:119	Resp:	23013
Ion	Ratio	Lower Upper
119	100	
134	28.4	12.4 37.4
91	23.0	14.8 44.3



#89
n-Butylbenzene
Concen: 2.826 ug/l
RT: 13.908 min Scan# 4444
Delta R.T. -0.038 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 91	Resp:	37709
Ion	Ratio	Lower Upper
91	100	
92	14.5	25.7 77.1#
134	336.2	11.2 33.6#

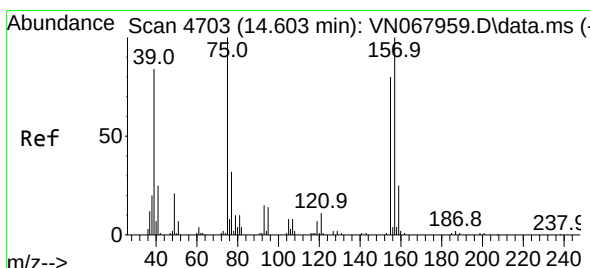
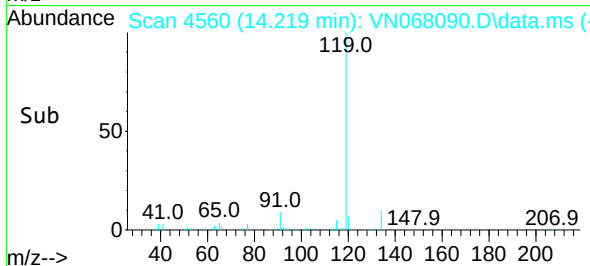
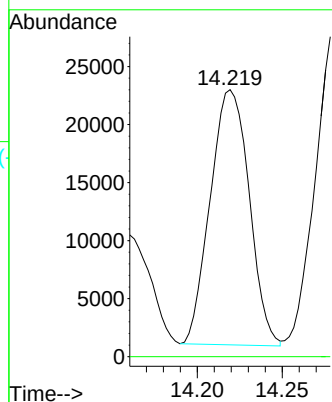
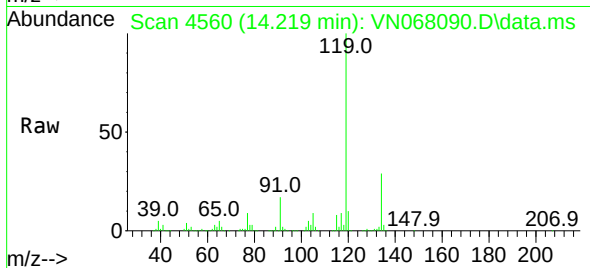




#90
Hexachloroethane
Concen: 13.200 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.005 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

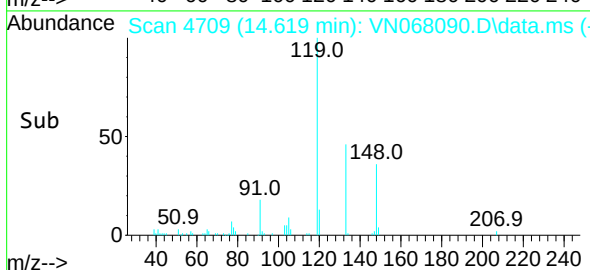
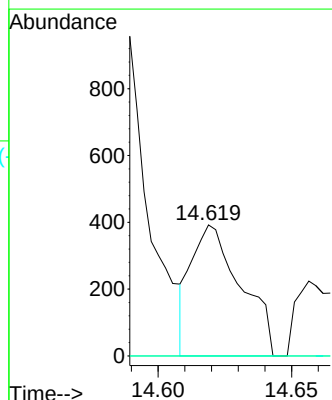
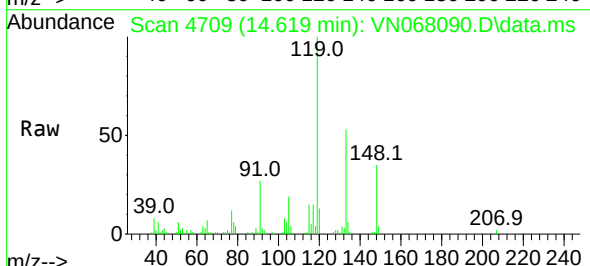
Instrument :
MSVOA_N
ClientSampled :

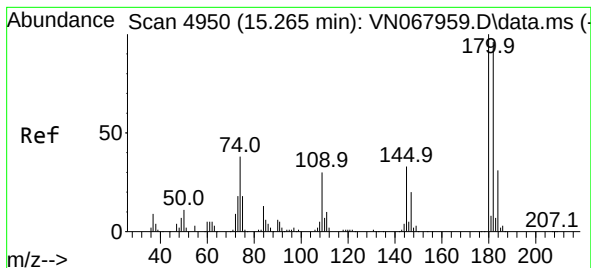
Tgt Ion:117 Resp: 35140
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.507 ug/l
RT: 14.619 min Scan# 4709
Delta R.T. 0.016 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 75 Resp: 508
Ion Ratio Lower Upper
75 100
155 0.0 29.8 89.5#
157 0.0 37.6 112.8#

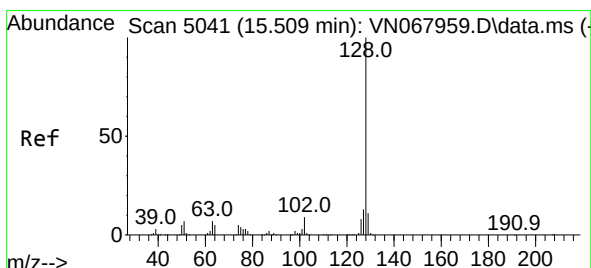
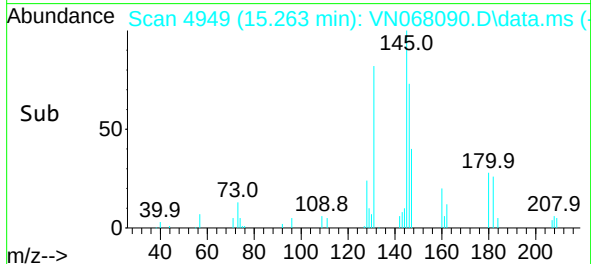
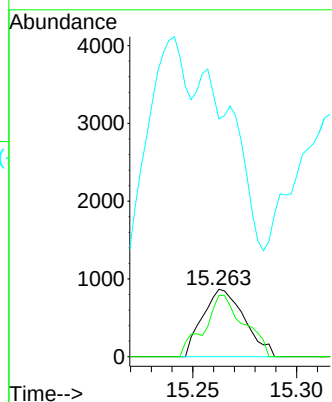
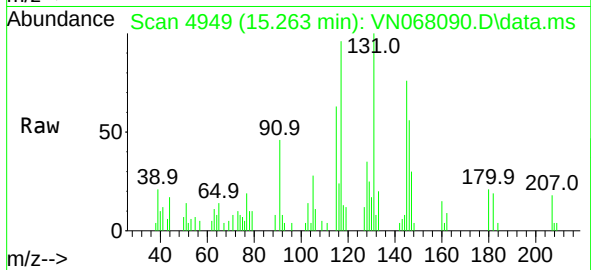




#93
1,2,4-Trichlorobenzene
Concen: 2.778 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

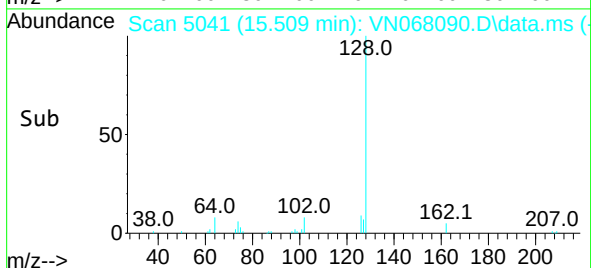
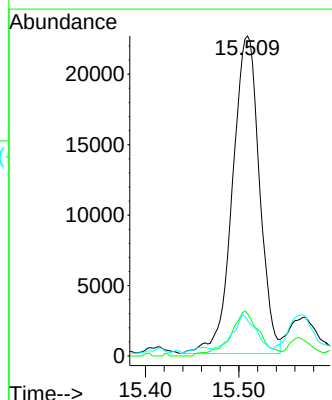
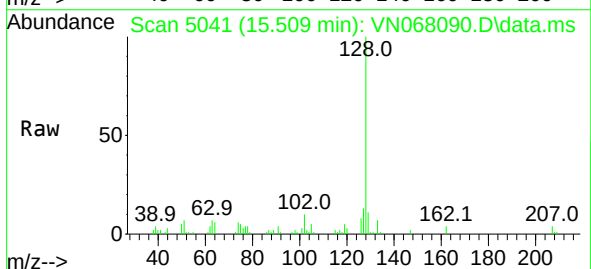
Instrument :
MSVOA_N
ClientSampled :

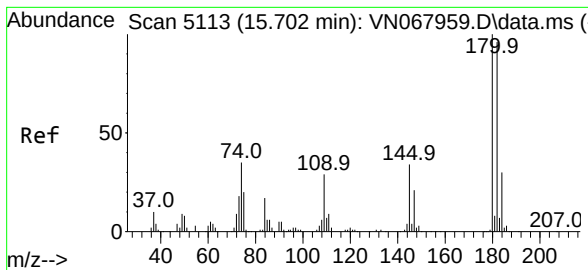
Tgt Ion:180 Resp: 1212
Ion Ratio Lower Upper
180 100
182 86.3 47.5 142.5
145 0.0 17.2 51.6#



#95
Naphthalene
Concen: 7.115 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

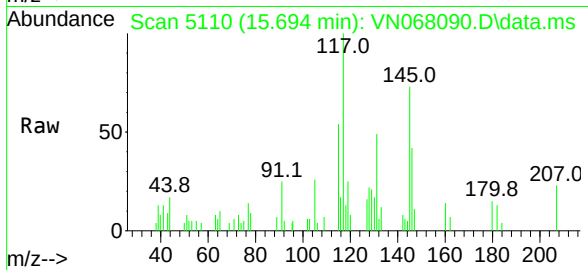
Tgt Ion:128 Resp: 45184
Ion Ratio Lower Upper
128 100
127 15.2 10.6 15.8
129 8.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.568 ug/l
 RT: 15.694 min Scan# 5110
 Delta R.T. -0.008 min
 Lab File: VN068090.D
 Acq: 12 Aug 2021 15:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 738
 Ion Ratio Lower Upper
 180 100
 182 143.0 47.8 143.3
 145 0.0 18.2 54.6#

