

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067628.D
 Acq On : 2 Jul 2021 19:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 05 05:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

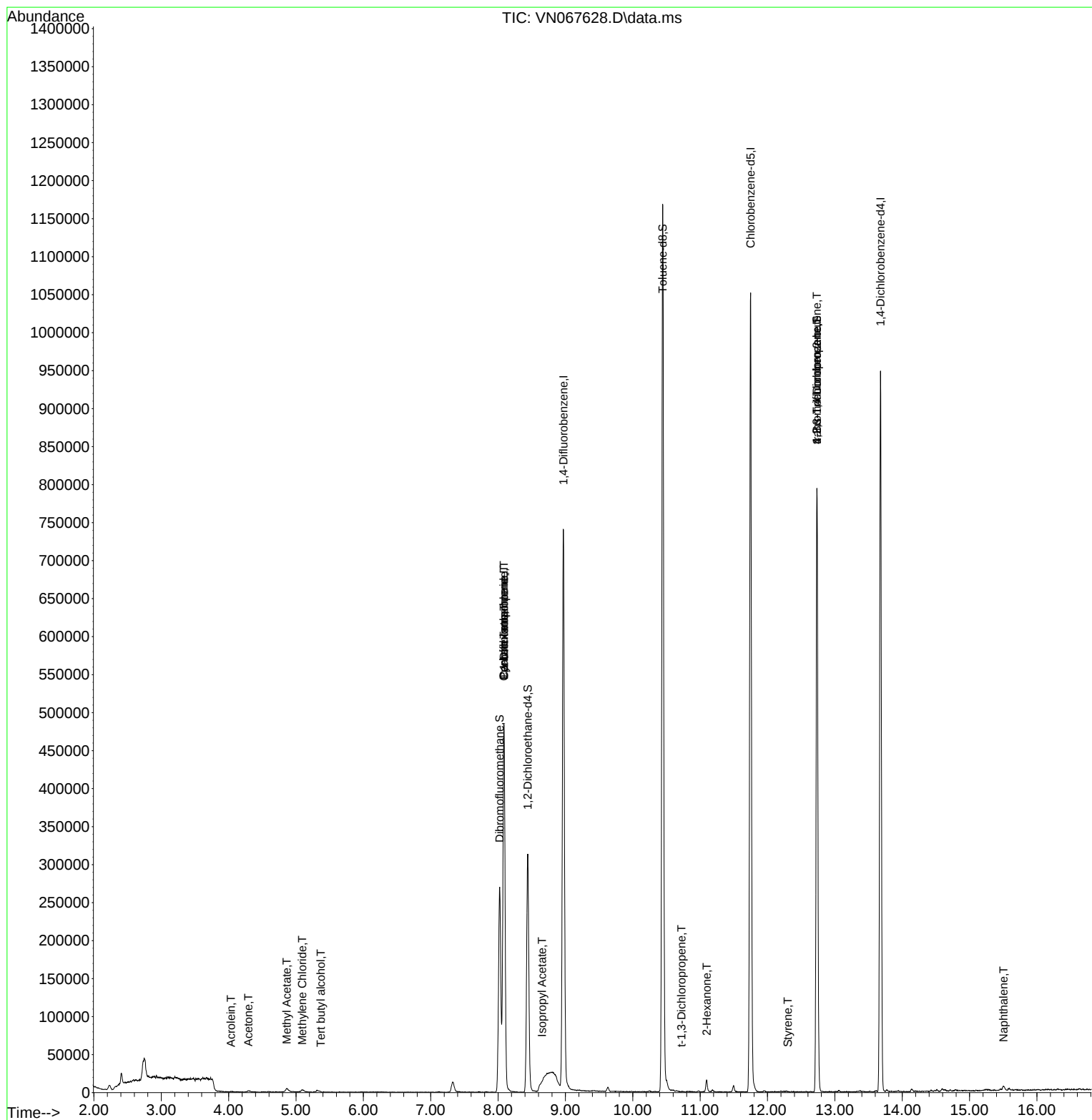
Internal Standards						
1) Pentafluorobenzene	8.086	168	351949	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	650747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	607091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	237626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	255972	48.603	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.200%		
35) Dibromofluoromethane	8.024	113	189291	47.030	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.060%		
50) Toluene-d8	10.443	98	820304	48.289	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.733	95	273206	45.083	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	160	0.222	ug/l #	71
13) Acrolein	4.036	56	137	0.230	ug/l #	78
16) Acetone	4.293	43	1998	1.197	ug/l	99
18) Methyl Acetate	4.865	43	9348	2.198	ug/l #	63
20) Methylene Chloride	5.093	84	1982	0.476	ug/l #	79
31) Cyclohexane	8.088	56	9957	1.367	ug/l #	25
36) 1,1-Dichloropropene	8.086	75	31679	5.162	ug/l #	52
38) Carbon Tetrachloride	8.086	117	37753	6.103	ug/l #	15
43) Isopropyl Acetate	8.654	43	12766	1.243	ug/l #	58
53) t-1,3-Dichloropropene	10.722	75	27	1.723	ug/l #	1
59) 2-Hexanone	11.097	43	2828	0.642	ug/l #	61
70) Styrene	12.302	104	24	1.347	ug/l #	27
76) 1,2,3-Trichloropropane	12.733	75	154373	32.483	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	154373	97.950	ug/l #	6
95) Naphthalene	15.504	128	2580	4.798	ug/l #	82

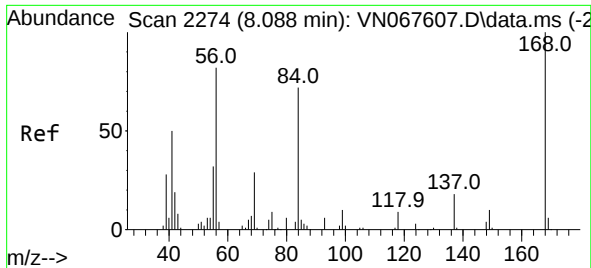
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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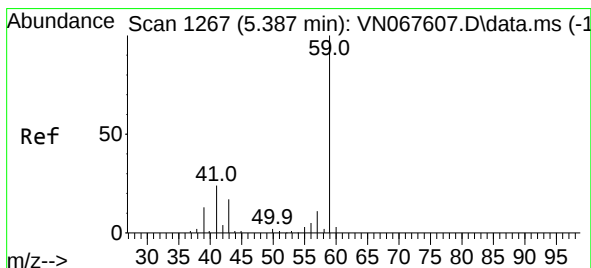
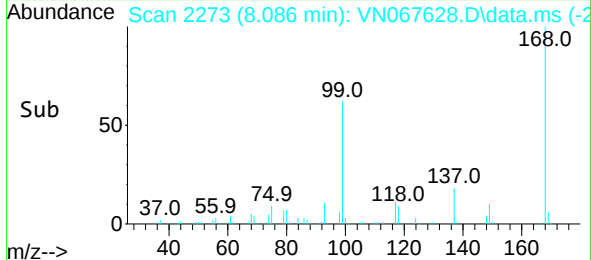
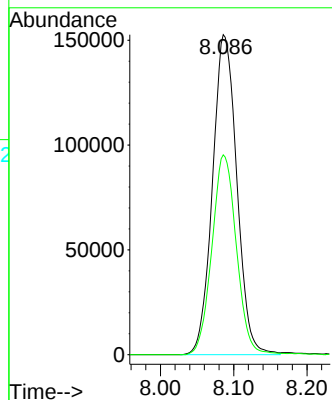
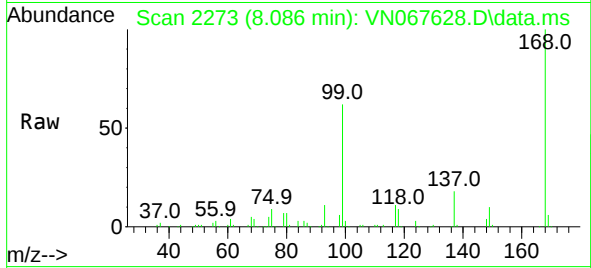




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

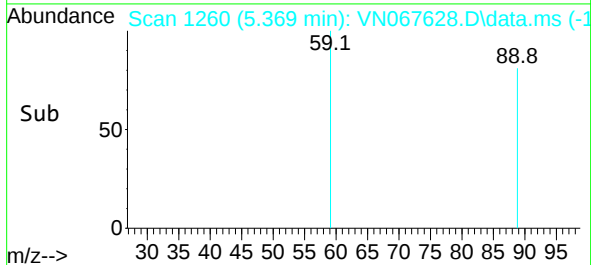
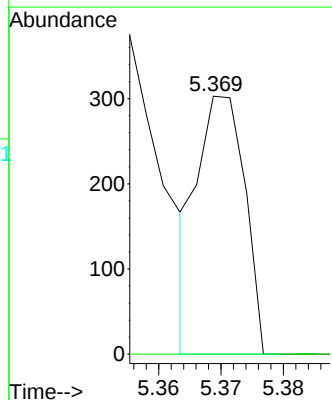
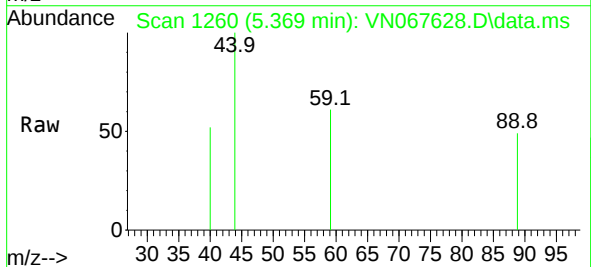
Instrument :
MSVOA_N
ClientSampleId :
IBLK

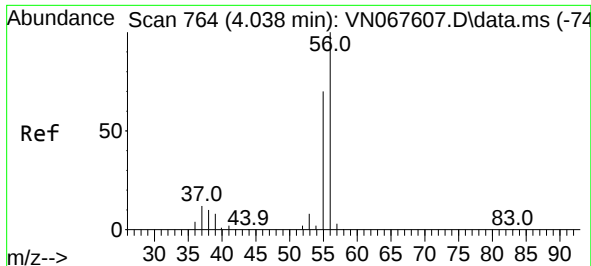
Tgt Ion:168 Resp: 351949
Ion Ratio Lower Upper
168 100
99 62.4 62.9 94.3#



#11
Tert butyl alcohol
Concen: 0.222 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.018 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

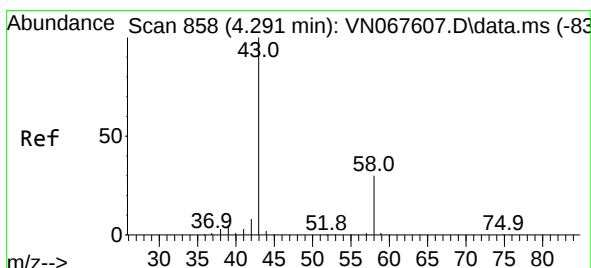
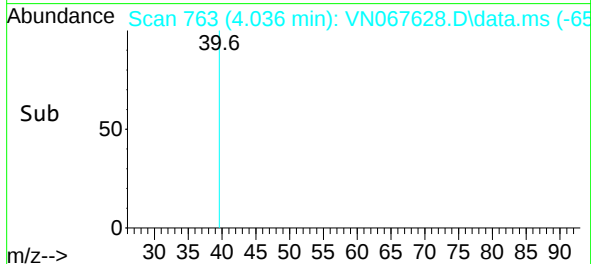
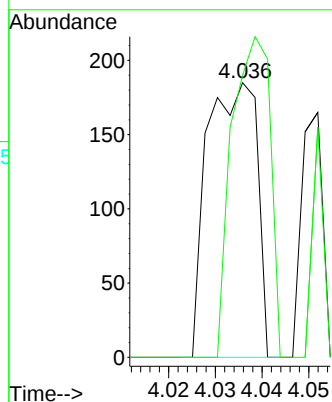
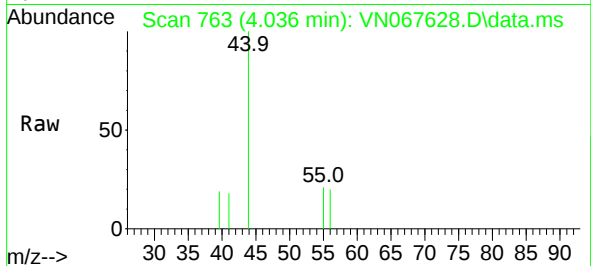




#13
Acrolein
Concen: 0.230 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.002 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

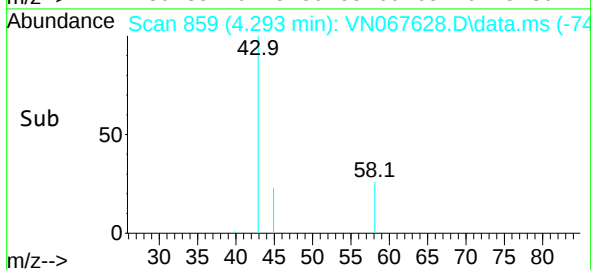
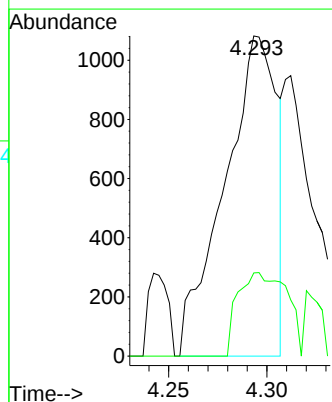
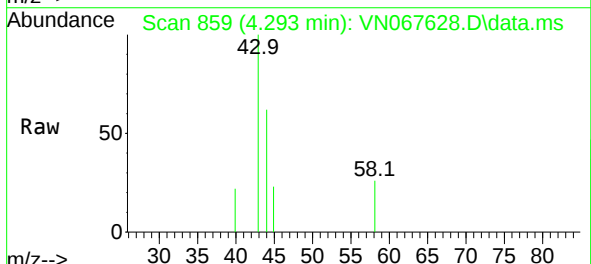
Instrument :
MSVOA_N
ClientSampled :
IBLK

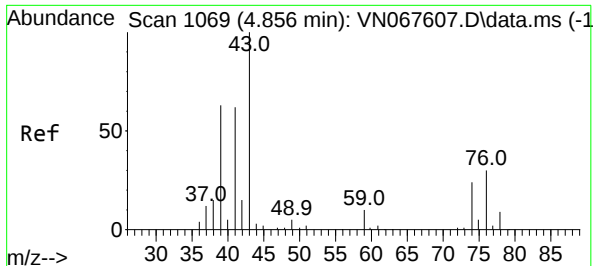
Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 89.8 57.4 86.0#



#16
Acetone
Concen: 1.197 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8

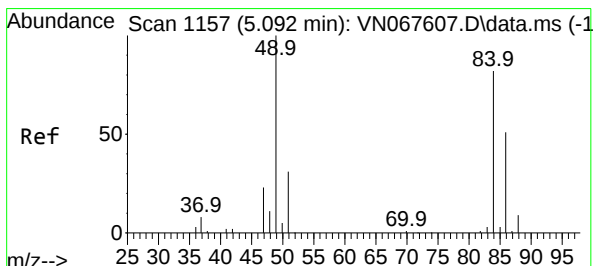
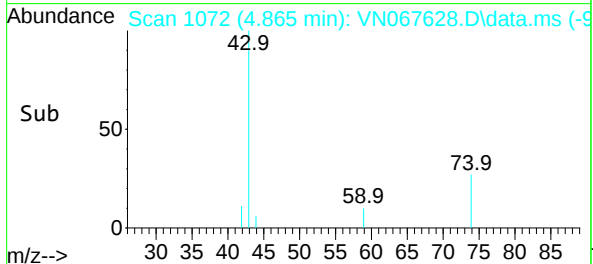
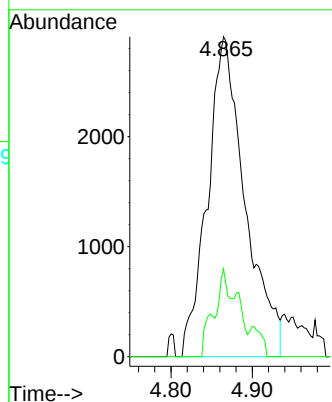
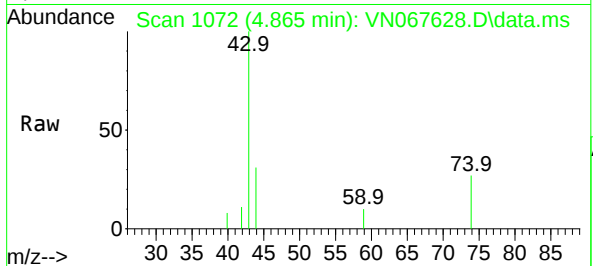




#18
Methyl Acetate
Concen: 2.198 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.009 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

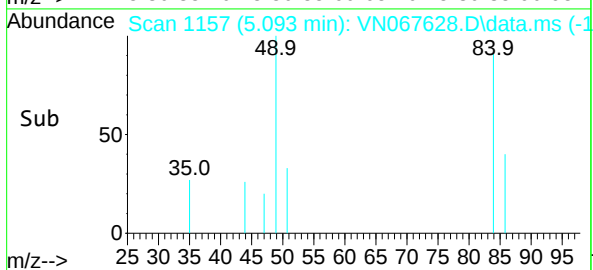
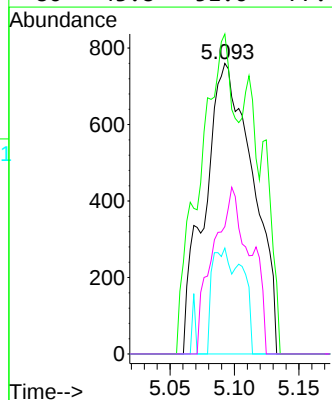
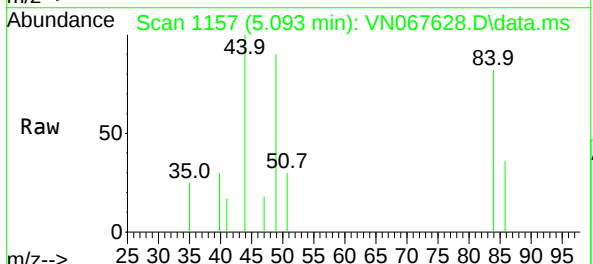
Instrument :
MSVOA_N
ClientSampled :
IBLK

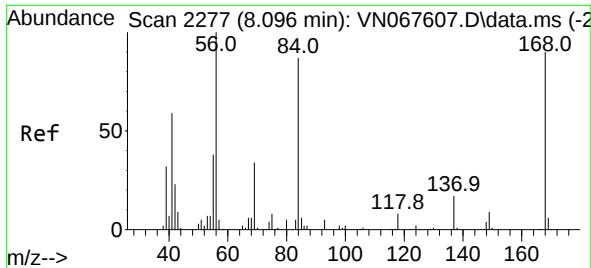
Tgt Ion: 43 Resp: 9348
Ion Ratio Lower Upper
43 100
74 4.0 17.4 26.0#



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.001 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 84 Resp: 1982
Ion Ratio Lower Upper
84 100
49 110.1 110.9 166.3#
51 36.4 32.6 49.0
86 43.8 51.6 77.4#

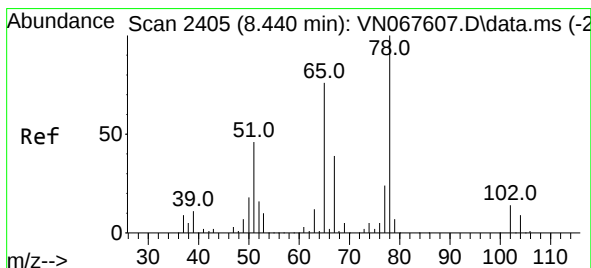
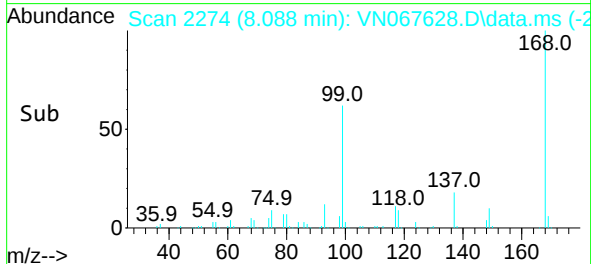
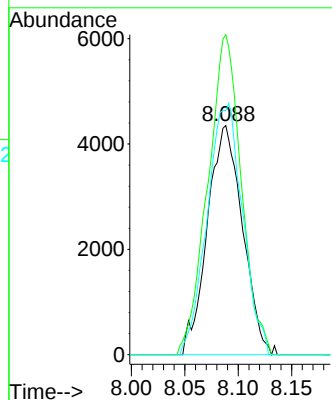
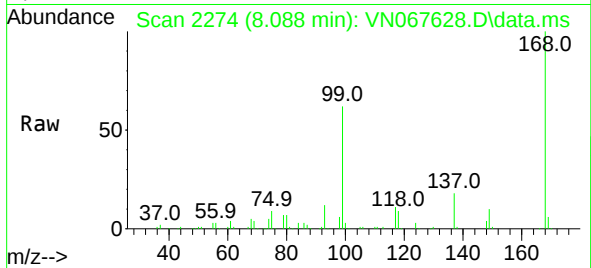




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

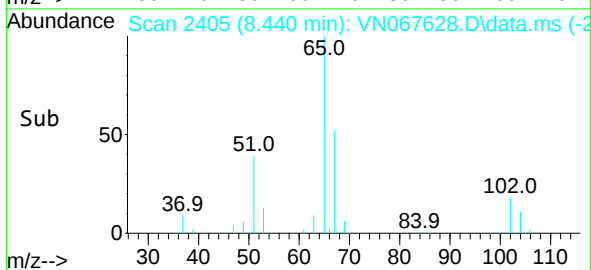
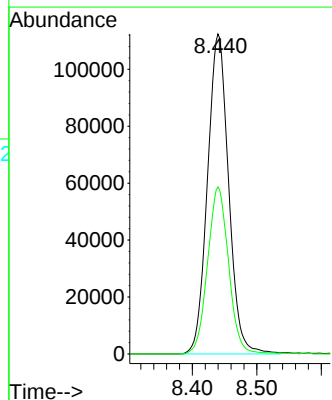
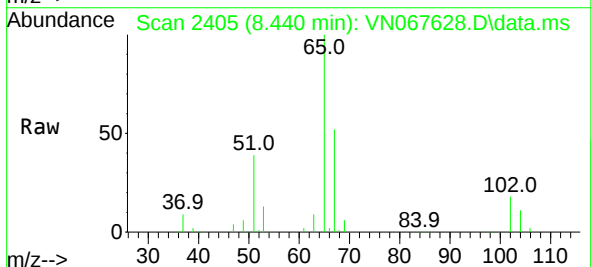
Instrument :
MSVOA_N
ClientSampleId :
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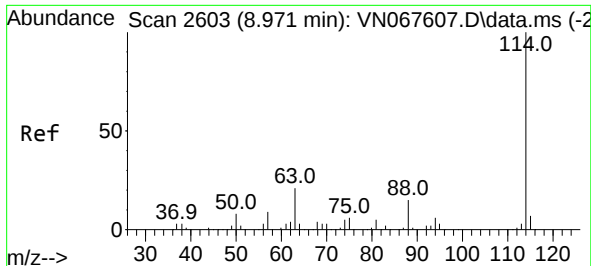
Tgt Ion: 56 Resp: 9957
Ion Ratio Lower Upper
56 100
69 139.7 27.3 40.9#
84 106.5 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.603 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 65 Resp: 255972
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.6

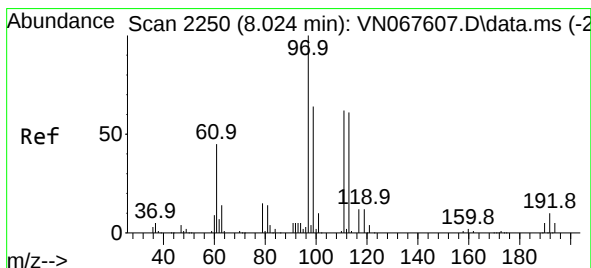
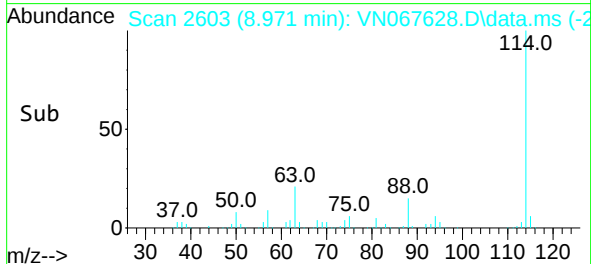
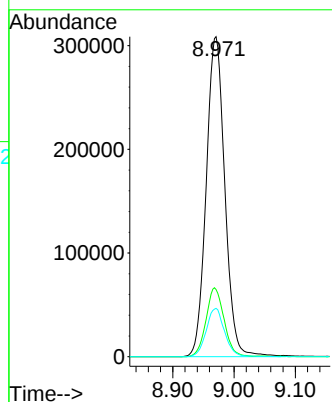
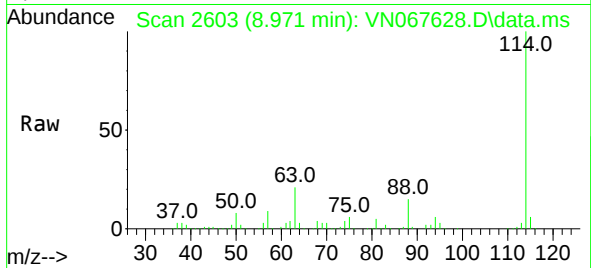




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

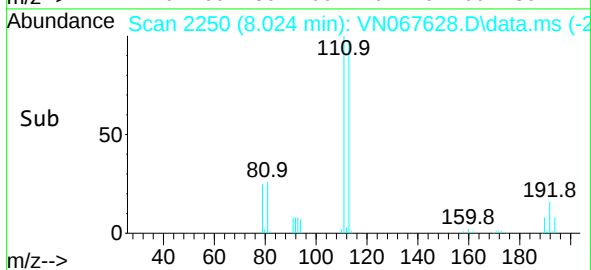
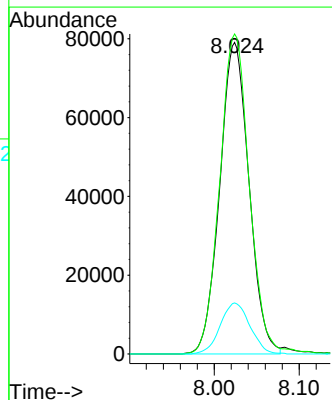
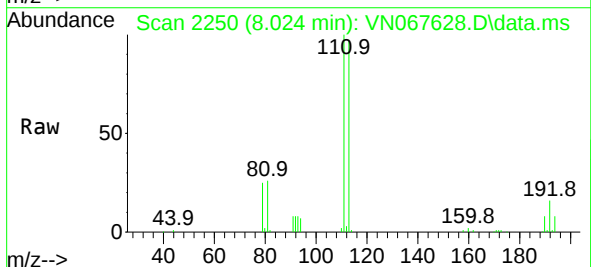
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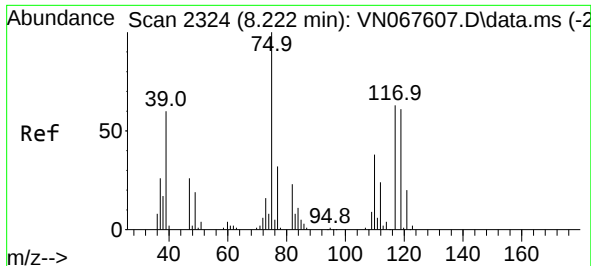
Tgt Ion:114 Resp: 650747
Ion Ratio Lower Upper
114 100
63 21.0 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.030 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion:113 Resp: 189291
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 16.7 13.4 20.0

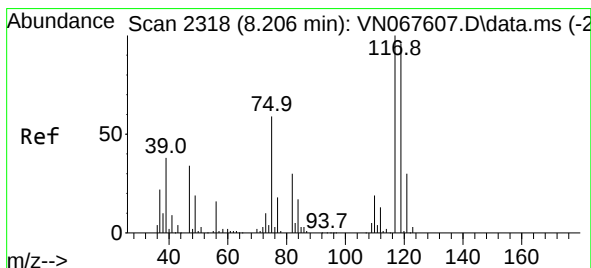
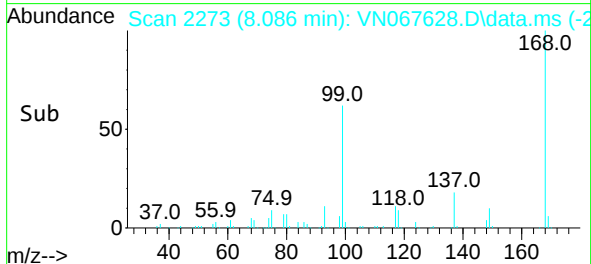
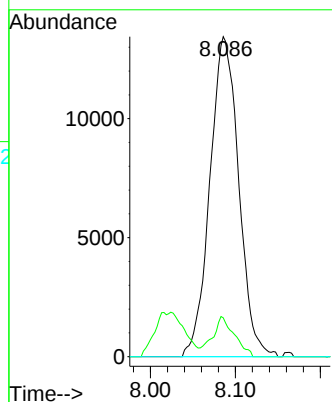
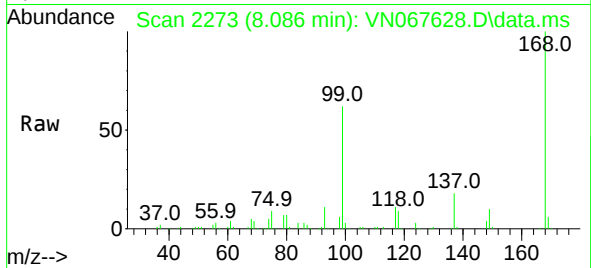




#36
1,1-Dichloropropene
Concen: 5.162 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

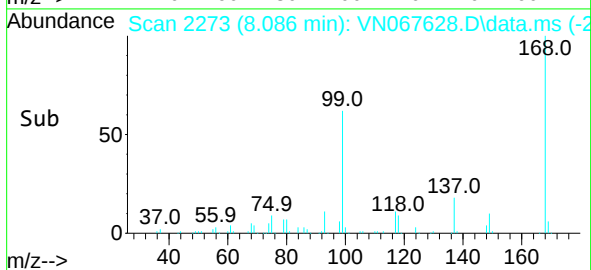
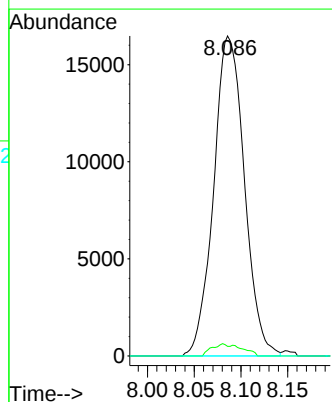
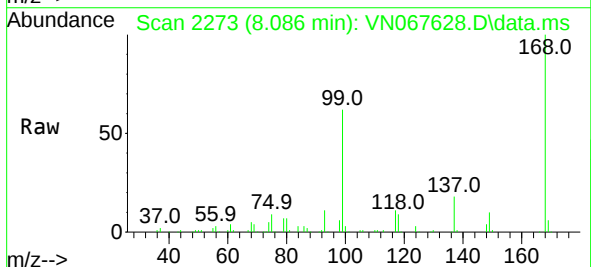
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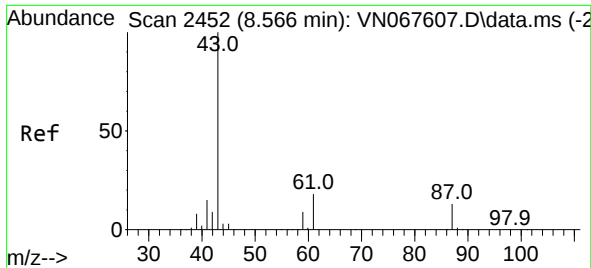
Tgt Ion: 75 Resp: 31679
Ion Ratio Lower Upper
75 100
110 9.5 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 117 Resp: 37753
Ion Ratio Lower Upper
117 100
119 3.0 75.4 113.2#
121 0.0 23.5 35.3#

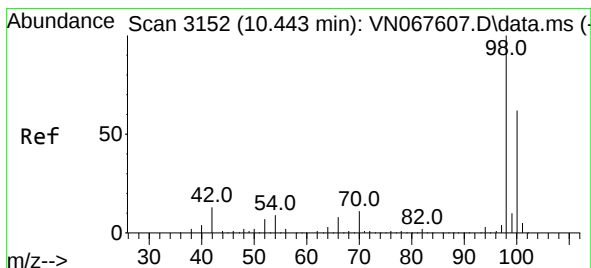
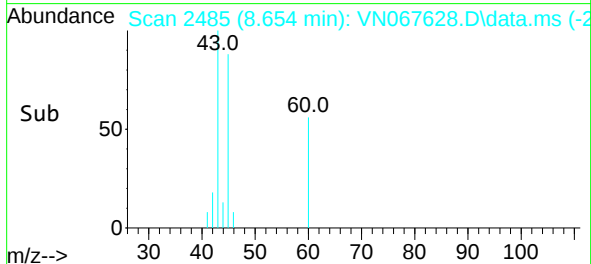
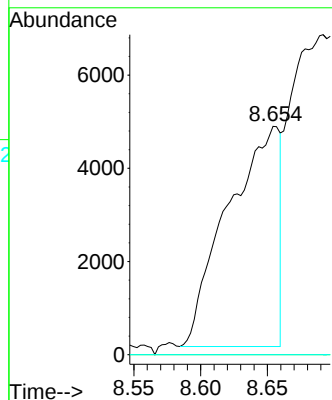
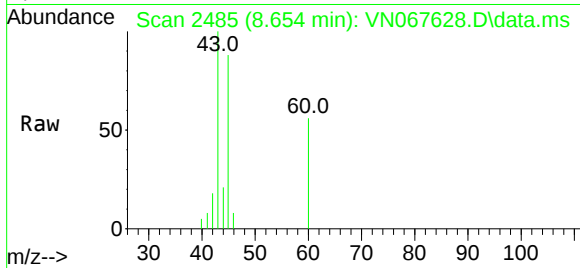




#43
Isopropyl Acetate
Concen: 1.243 ug/l
RT: 8.654 min Scan# 2485
Delta R.T. 0.088 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

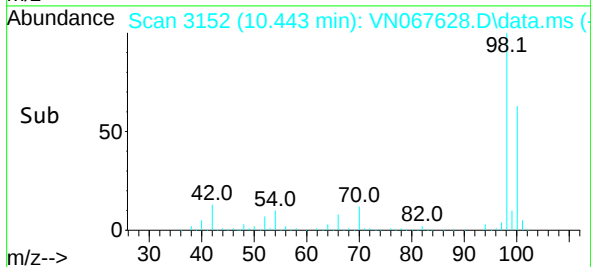
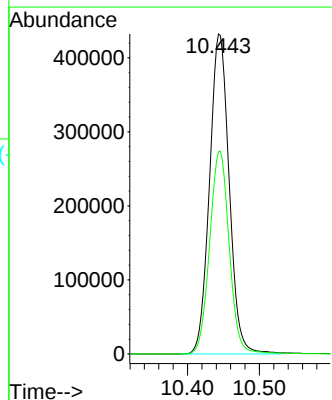
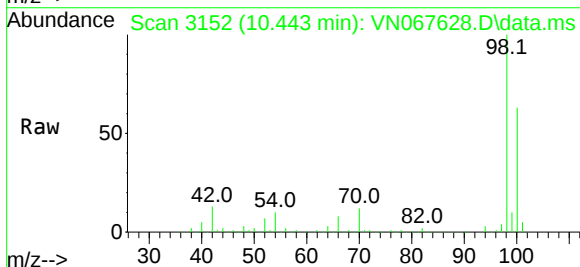
Instrument :
MSVOA_N
ClientSampled :
IBLK

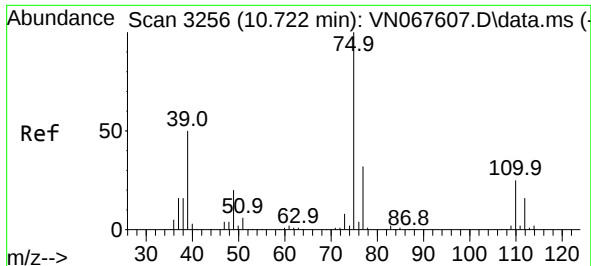
Tgt Ion: 43 Resp: 12766
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 48.289 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 98 Resp: 820304
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

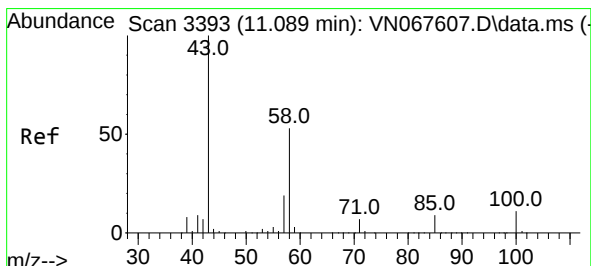
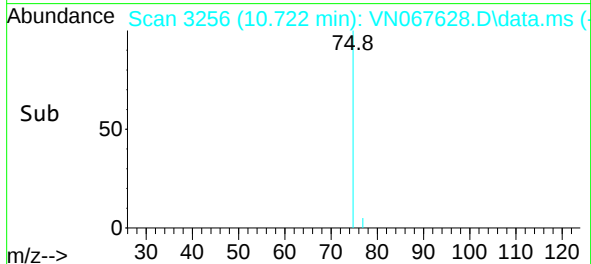
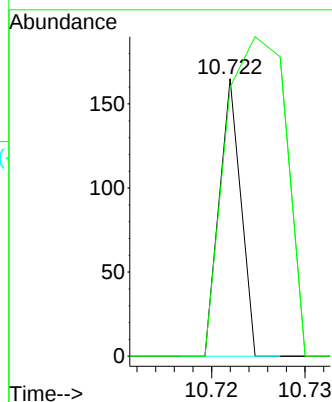
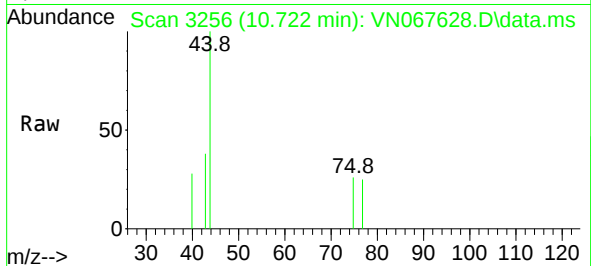




#53
t-1,3-Dichloropropene
Concen: 1.723 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

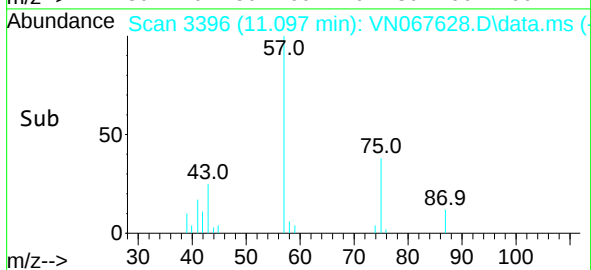
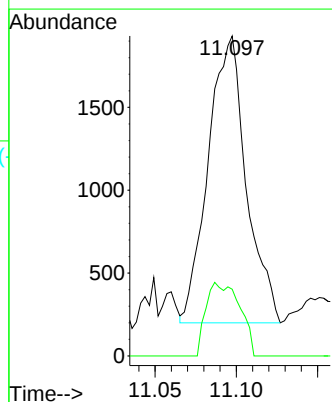
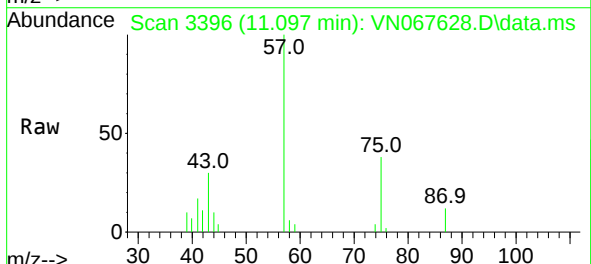
Instrument :
MSVOA_N
ClientSampled :
IBLK

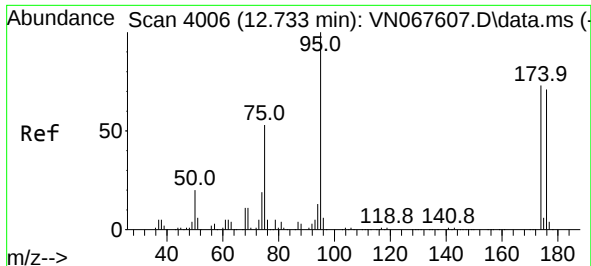
Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
77 97.0 25.1 37.7#



#59
2-Hexanone
Concen: 0.642 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.008 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 22.7 24.7 74.1#

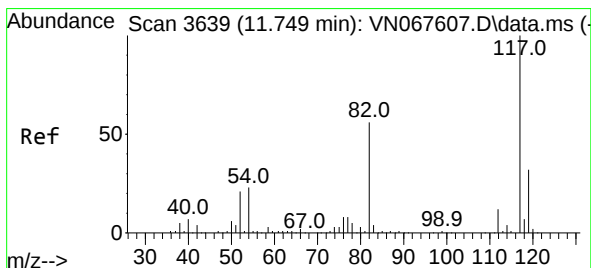
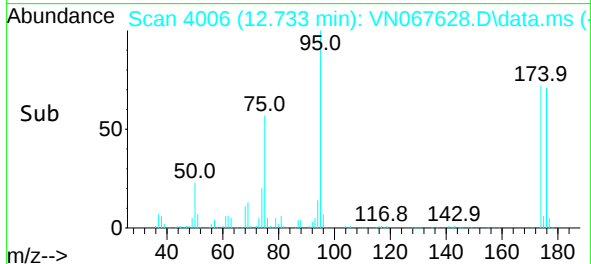
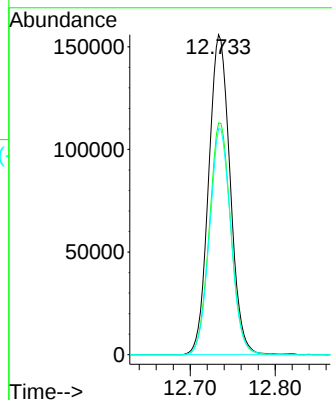
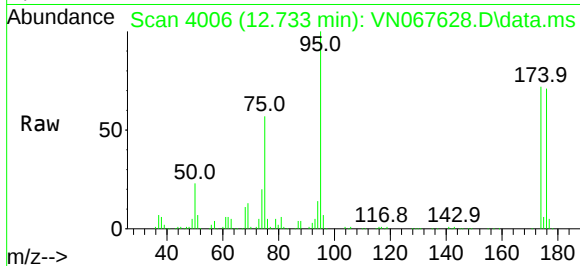




#62
4-Bromofluorobenzene
Concen: 45.083 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

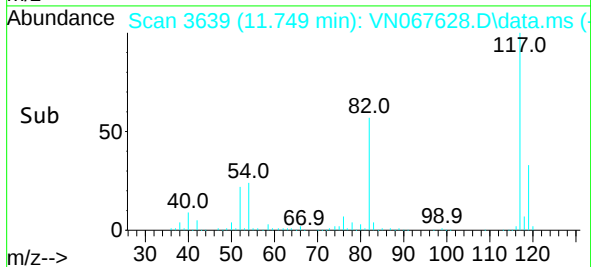
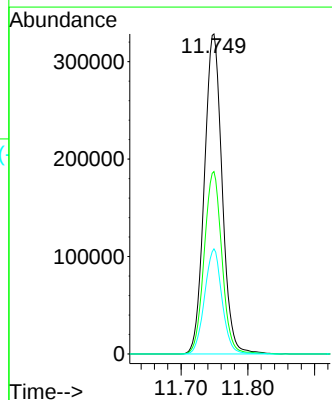
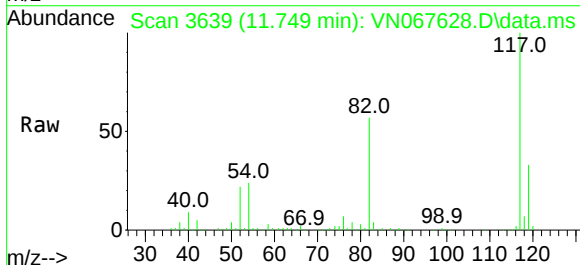
Instrument :
MSVOA_N
ClientSampleId :
IBLK

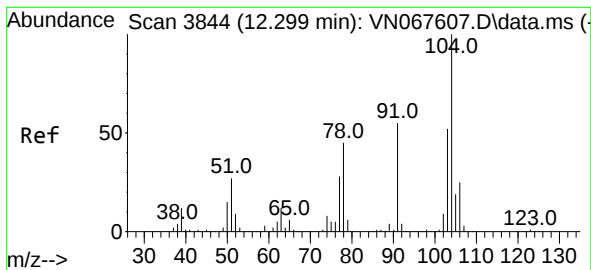
Tgt Ion: 95 Resp: 273206
Ion Ratio Lower Upper
95 100
174 72.7 0.0 122.0
176 70.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 117 Resp: 607091
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 32.9 25.5 38.3





#70

Styrene

Concen: 1.347 ug/l

RT: 12.302 min Scan# 3845

Delta R.T. 0.003 min

Lab File: VN067628.D

Acq: 2 Jul 2021 19:56

Tgt Ion:104 Resp: 24

Ion Ratio Lower Upper

104 100

78 112.5 48.2 72.2#

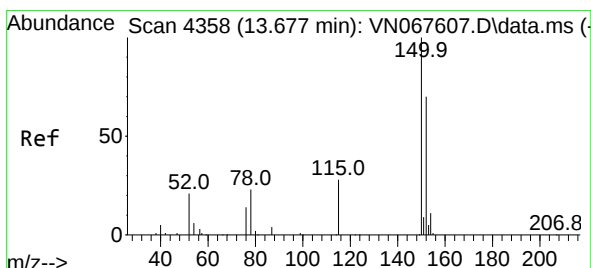
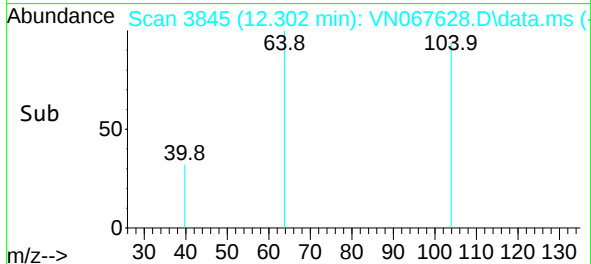
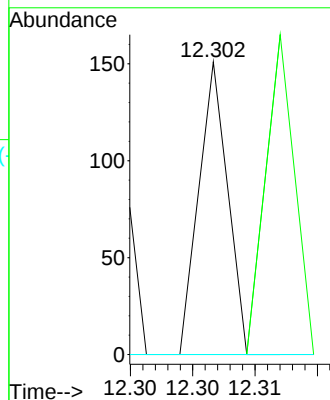
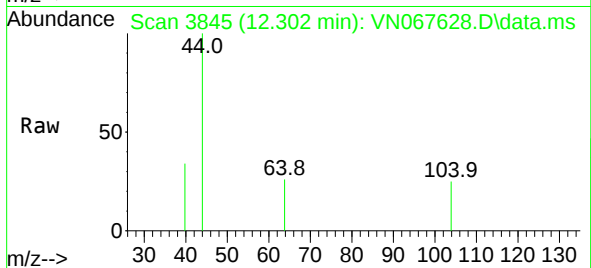
103 0.0 44.5 66.7#

Instrument :

MSVOA_N

ClientSampleId :

IBLK



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.001 min

Lab File: VN067628.D

Acq: 2 Jul 2021 19:56

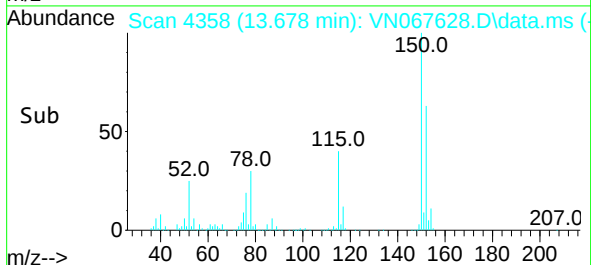
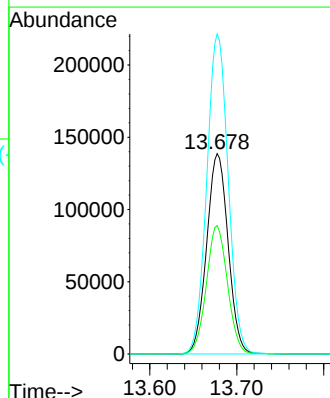
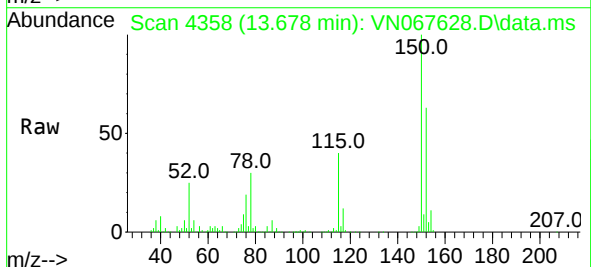
Tgt Ion:152 Resp: 237626

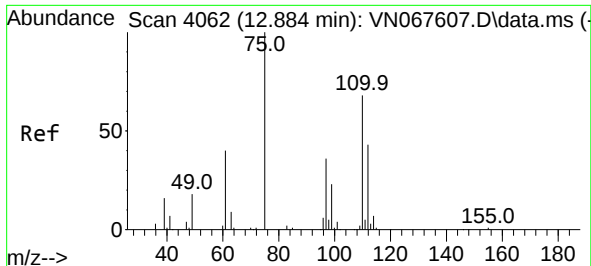
Ion Ratio Lower Upper

152 100

115 63.2 36.1 108.5

150 159.3 0.0 351.8

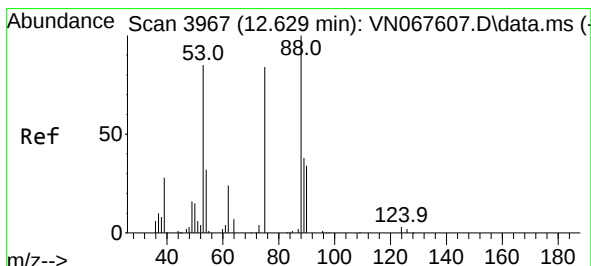
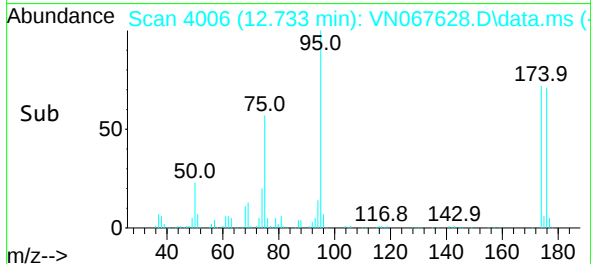
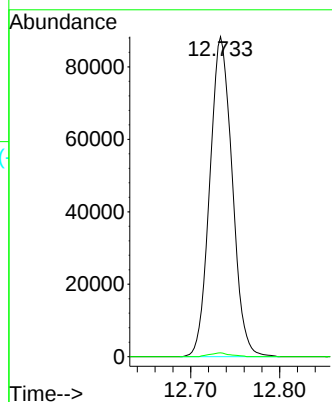
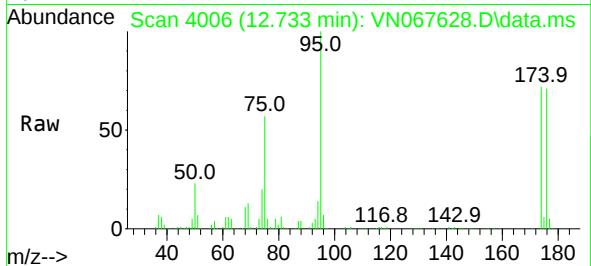




#76
1,2,3-Trichloropropane
Concen: 32.483 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

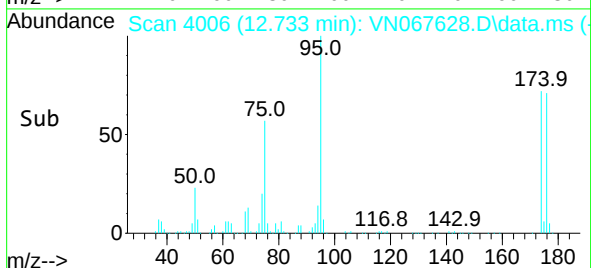
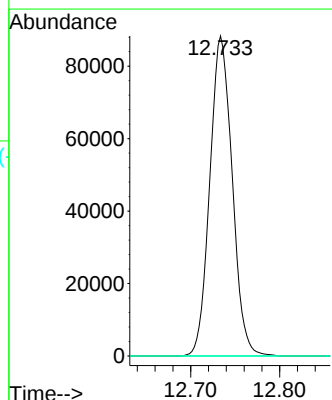
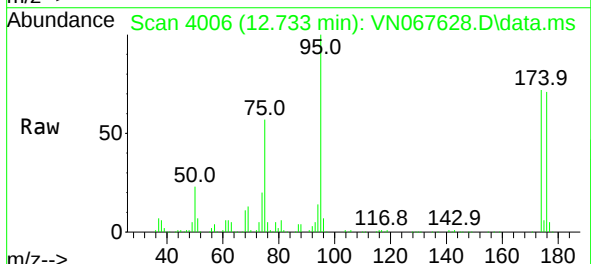
Instrument :
MSVOA_N
ClientSampled :
IBLK

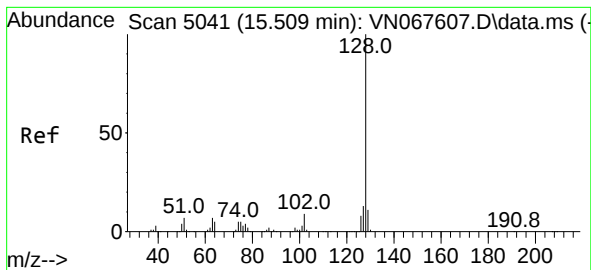
Tgt Ion: 75 Resp: 154373
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.950 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Tgt Ion: 75 Resp: 154373
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 4.798 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN067628.D
Acq: 2 Jul 2021 19:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 2580
Ion Ratio Lower Upper
128 100
127 17.7 10.6 15.8#
129 20.5 8.6 12.8#

