

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066911.D
 Acq On : 30 Apr 2021 15:42
 Operator : JC/MD
 Sample : M2204-05 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ANTIFREEZE-1906

Quant Time: May 01 01:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

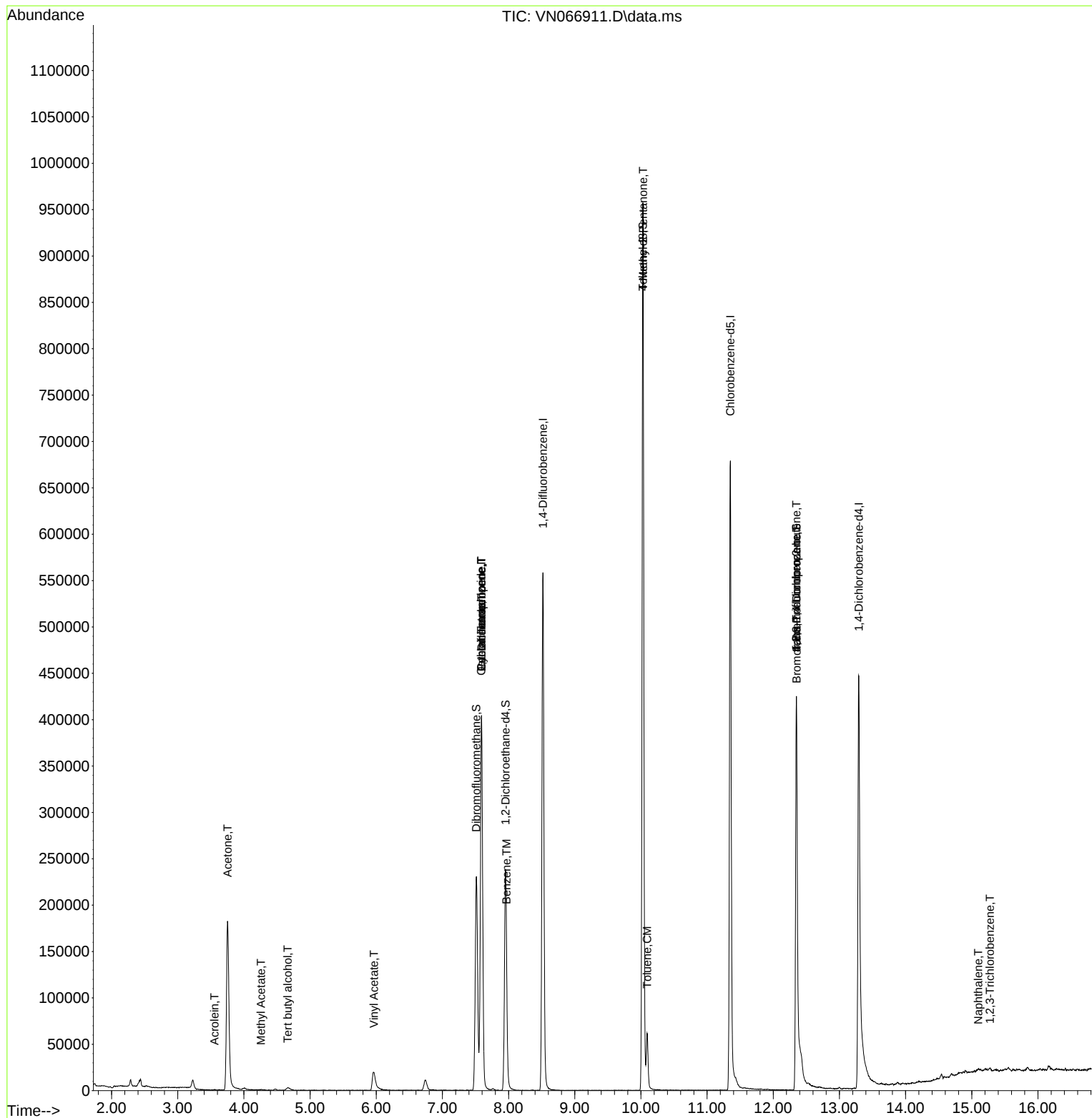
Internal Standards						
1) Pentafluorobenzene	7.591	168	369781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	547445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	475441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	199693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	202630	42.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.30%			
35) Dibromofluoromethane	7.513	113	186502	55.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.38%			
50) Toluene-d8	10.029	98	693053	52.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.50%			
62) 4-Bromofluorobenzene	12.349	95	213312	47.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.06%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.662	59	2334	3.19	ug/l #	73
13) Acrolein	3.555	56	320	0.52	ug/l #	73
16) Acetone	3.753	43	301769	168.36	ug/l	95
18) Methyl Acetate	4.260	43	351	1.18	ug/l #	51
23) Vinyl Acetate	5.966	43	4211	0.36	ug/l #	71
31) Cyclohexane	7.591	56	5352	0.73	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22928	4.51	ug/l #	48
38) Carbon Tetrachloride	7.588	117	30386	6.23	ug/l #	17
40) Benzene	7.969	78	8258	0.52	ug/l	96
51) 4-Methyl-2-Pentanone	10.032	43	2234	0.48	ug/l #	1
52) Toluene	10.093	92	25563	2.69	ug/l	100
71) Bromoform	12.354	173	1063	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	93847	22.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	93847	60.55	ug/l #	12
95) Naphthalene	15.098	128	2516	0.28	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.272	180	782	0.23	ug/l #	69

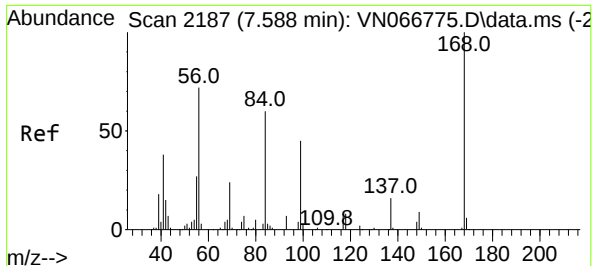
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 01 01:46:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

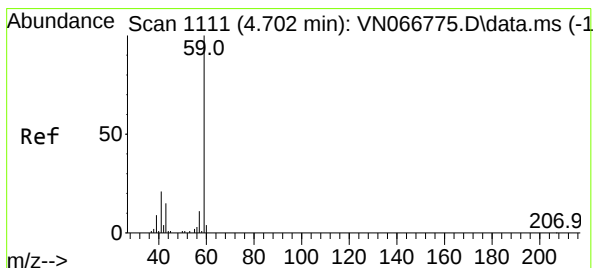
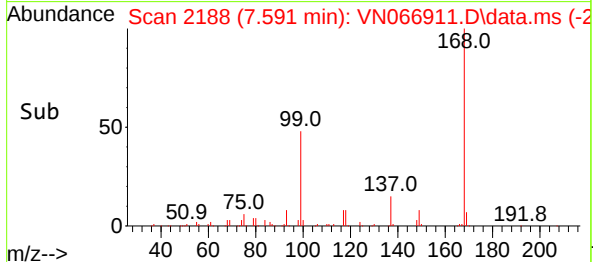
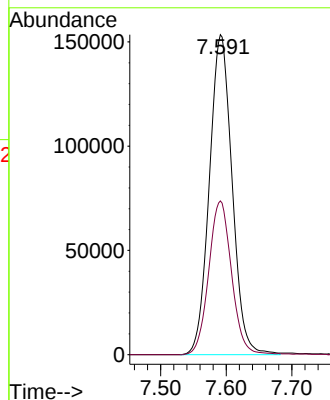
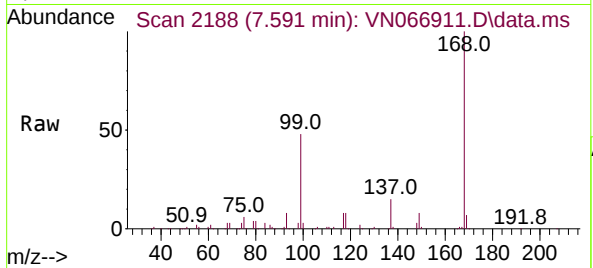




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

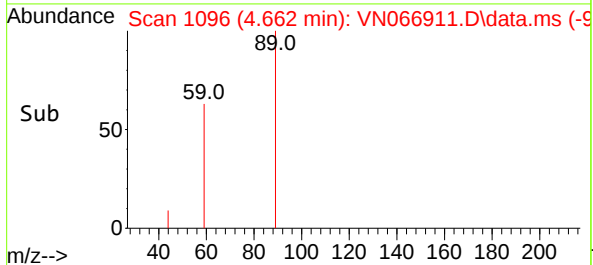
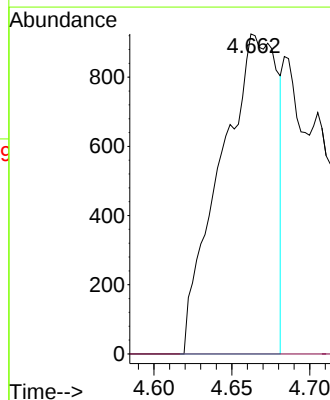
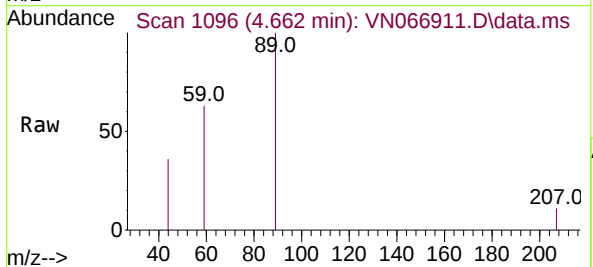
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MSVOA_N
ClientSampleId :
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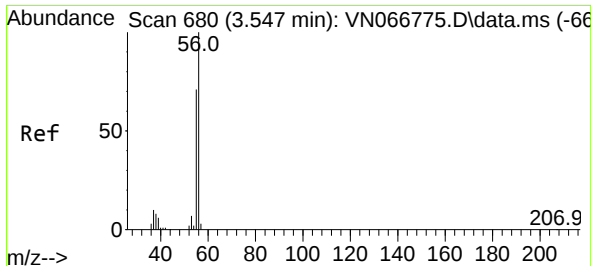
Tgt Ion:168 Resp: 369781
Ion Ratio Lower Upper
168 100
99 48.1 42.6 63.8



#11
Tert butyl alcohol
Concen: 3.19 ug/l
RT: 4.662 min Scan# 1096
Delta R.T. -0.040 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 59 Resp: 2334
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

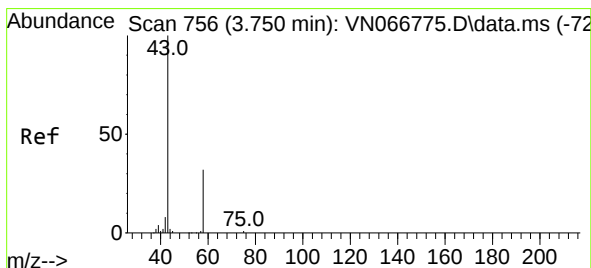
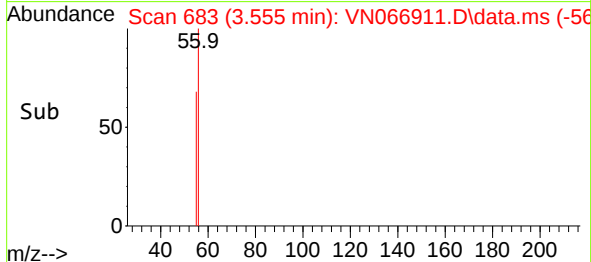
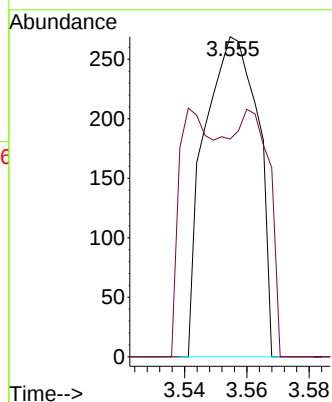
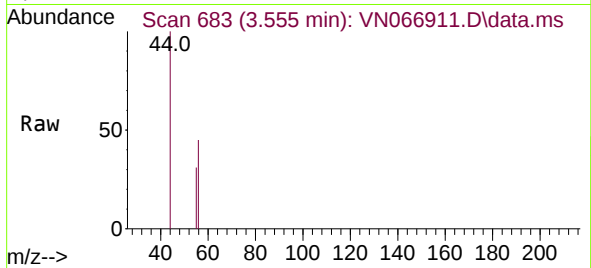




#13
Acrolein
Concen: 0.52 ug/l
RT: 3.555 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

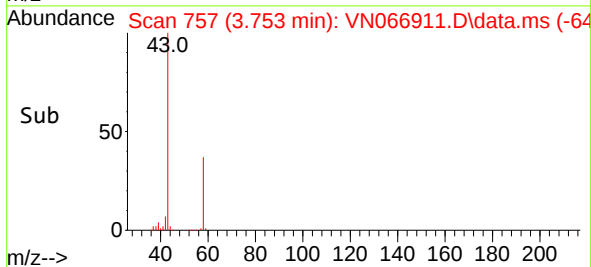
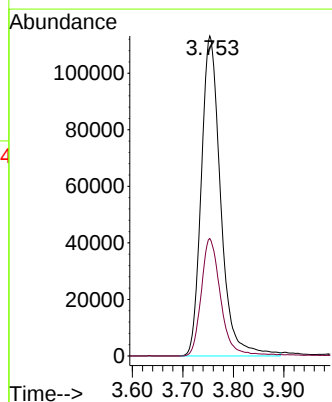
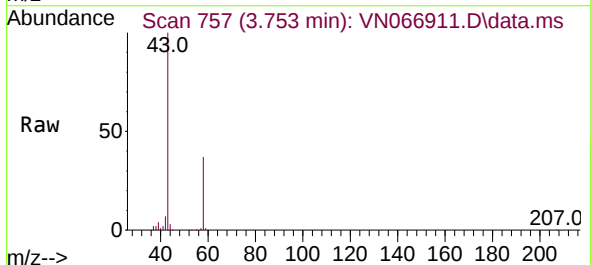
Instrument :
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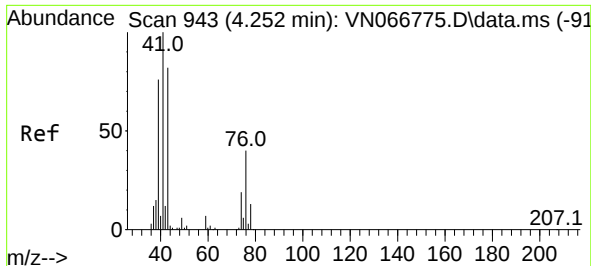
Tgt Ion: 56 Resp: 320
Ion Ratio Lower Upper
56 100
55 48.1 56.0 84.0#



#16
Acetone
Concen: 168.36 ug/l
RT: 3.753 min Scan# 757
Delta R.T. 0.003 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 43 Resp: 301769
Ion Ratio Lower Upper
43 100
58 36.7 27.0 40.6

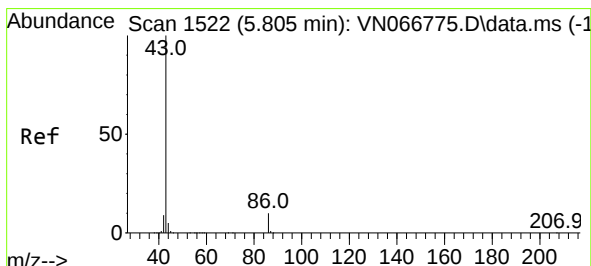
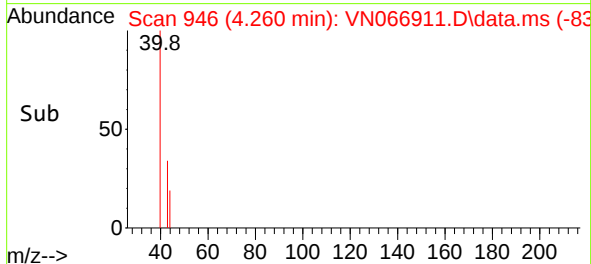
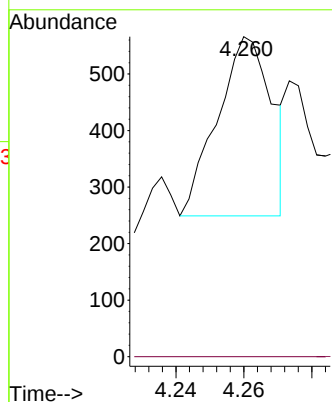
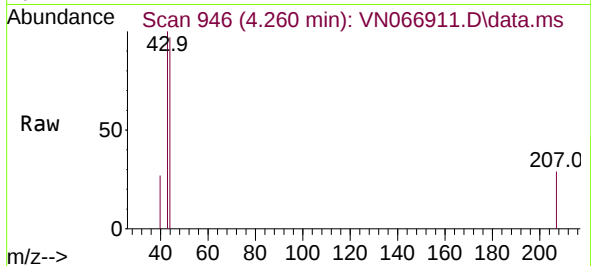




#18
Methyl Acetate
Concen: 1.18 ug/l
RT: 4.260 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

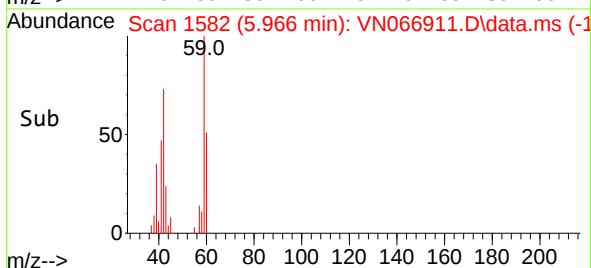
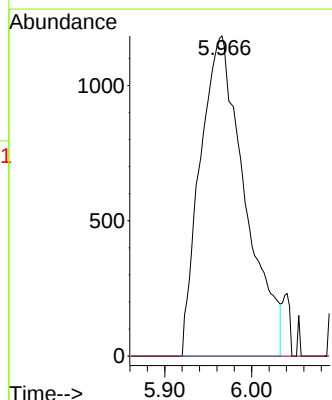
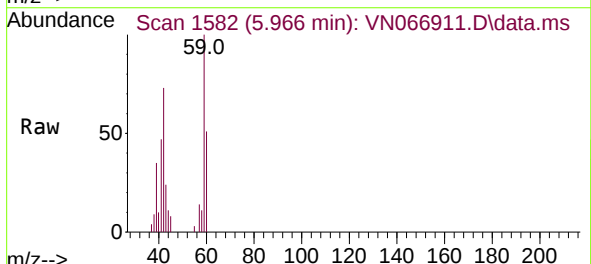
Instrument :
MSVOA_N
ClientSampleId :
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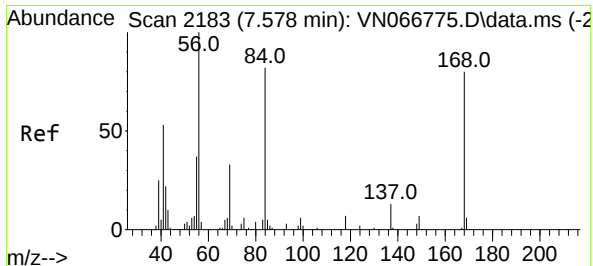
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#23
Vinyl Acetate
Concen: 0.36 ug/l
RT: 5.966 min Scan# 1582
Delta R.T. 0.161 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 43 Resp: 4211
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

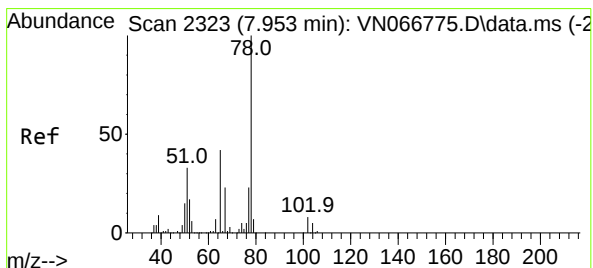
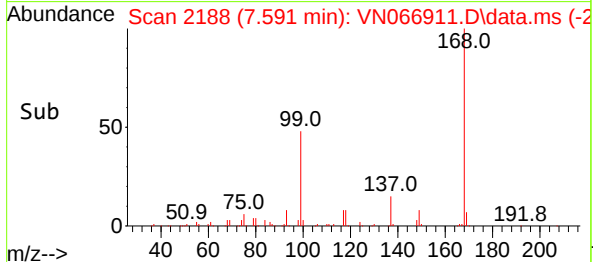
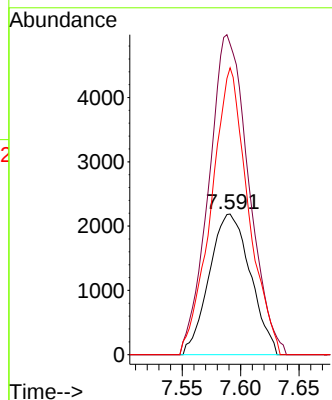
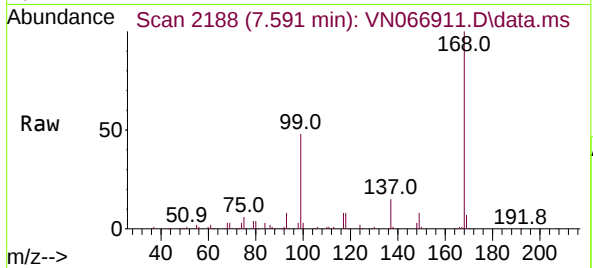




#31
Cyclohexane
Concen: 0.73 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

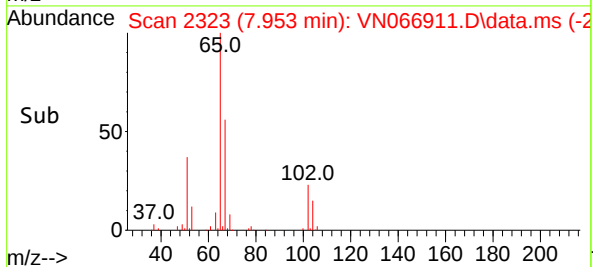
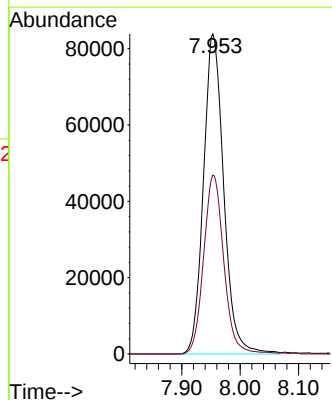
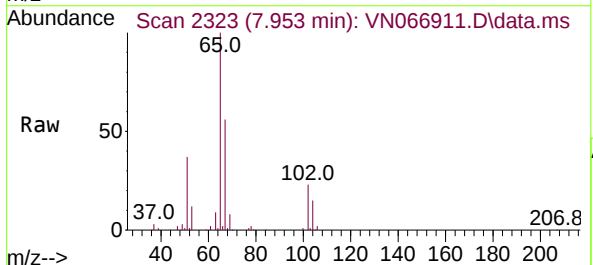
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ClientSampleId :
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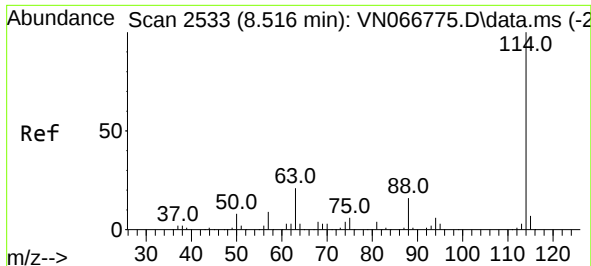
Tgt Ion: 56 Resp: 5352
Ion Ratio Lower Upper
56 100
69 220.8 26.6 39.8#
84 203.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.65 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 65 Resp: 202630
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.2

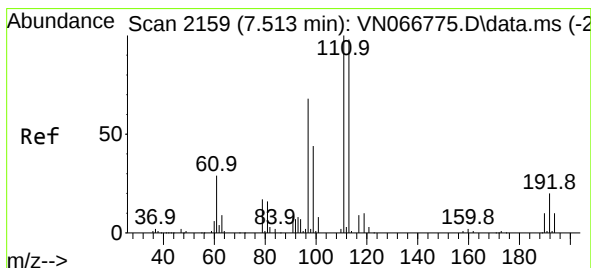
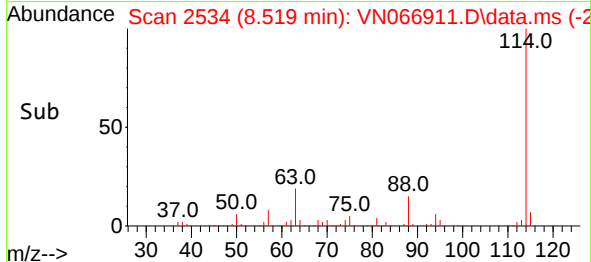
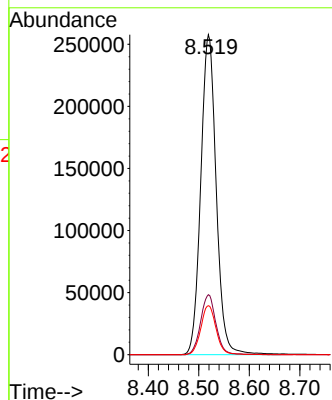
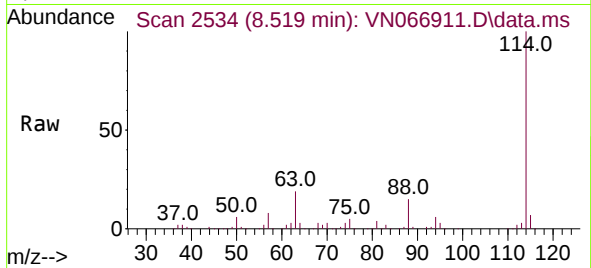




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

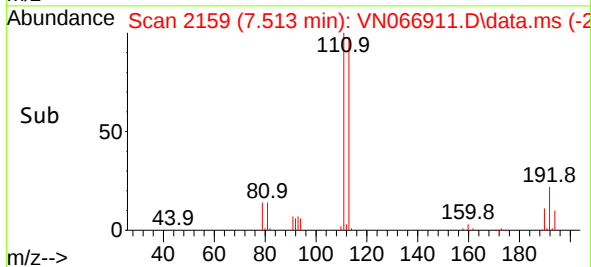
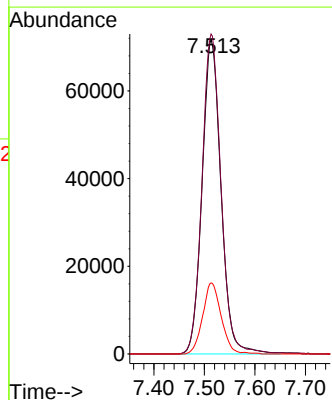
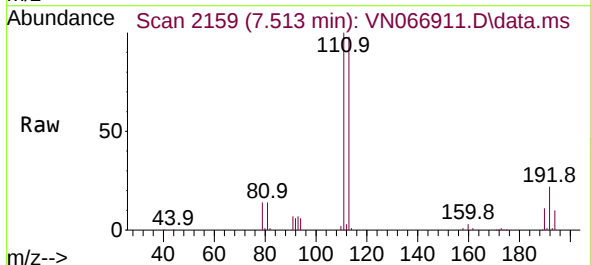
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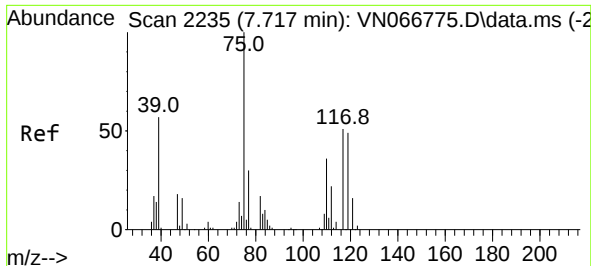
Tgt Ion:114 Resp: 547445
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.19 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion:113 Resp: 186502
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 22.0 15.4 23.0

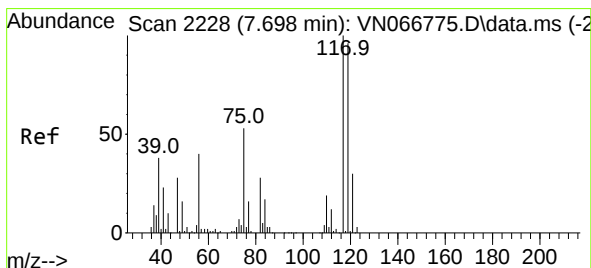
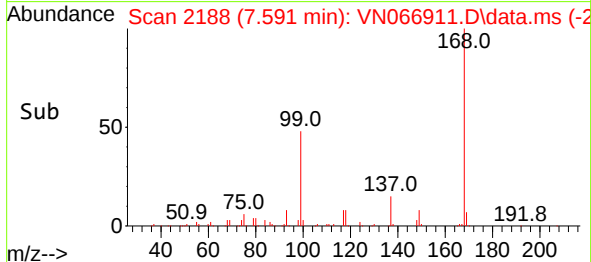
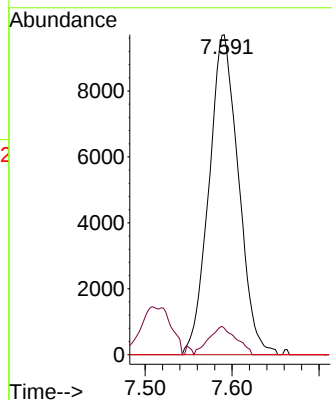
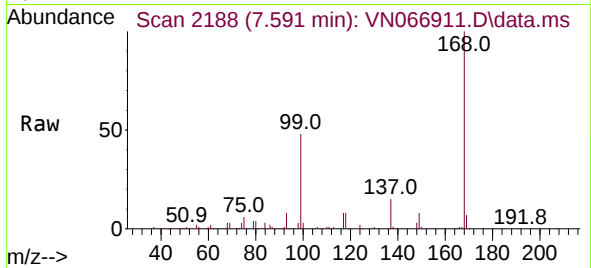




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

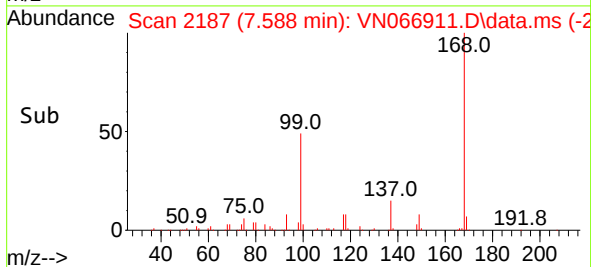
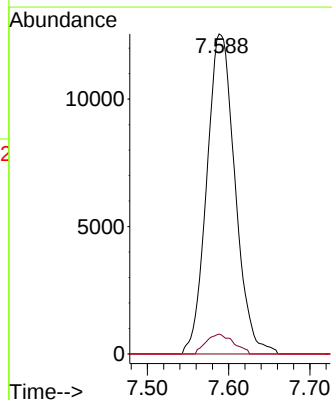
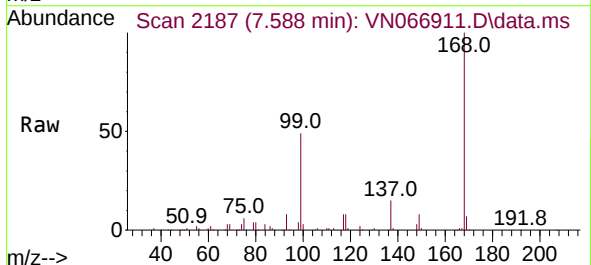
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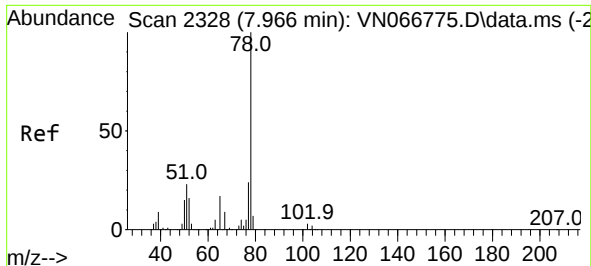
Tgt Ion: 75 Resp: 22928
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.110 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 117 Resp: 30386
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.5 36.7#

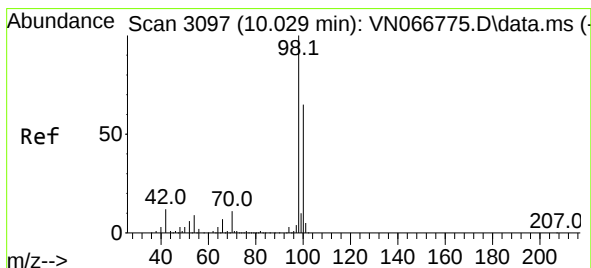
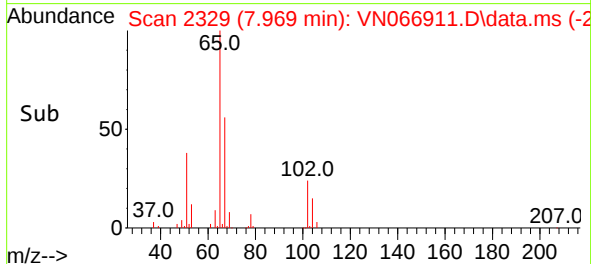
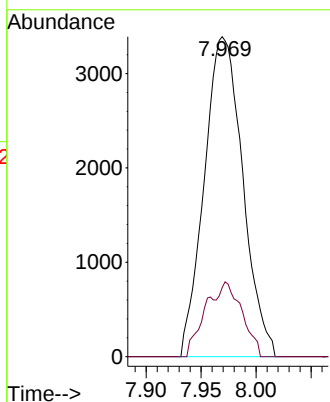
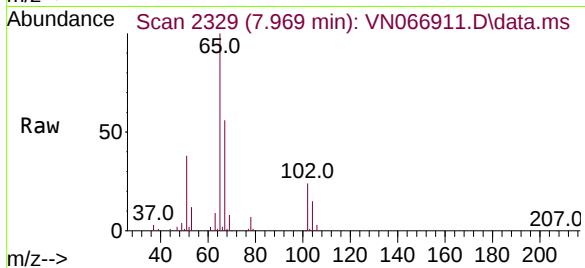




#40
Benzene
Concen: 0.52 ug/l
RT: 7.969 min Scan# 2329
Delta R.T. 0.003 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

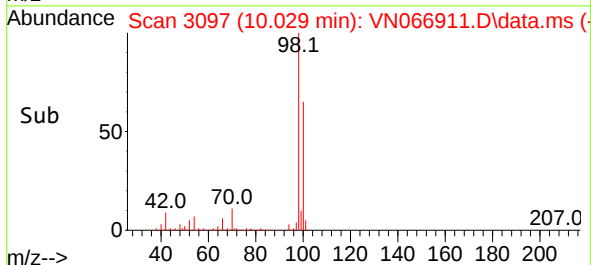
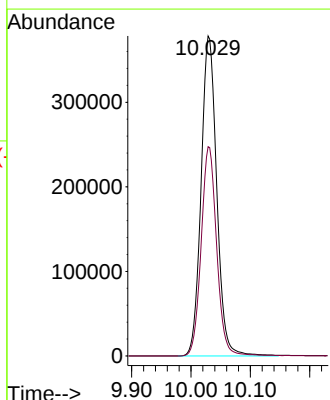
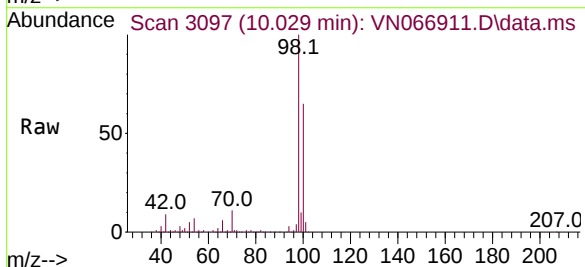
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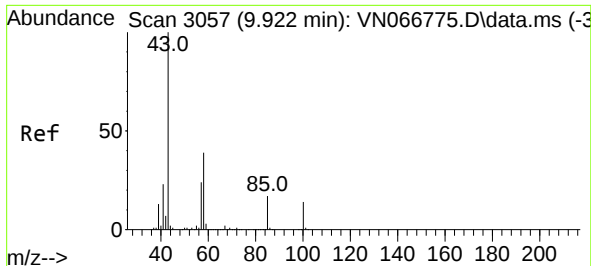
Tgt Ion: 78 Resp: 8258
Ion Ratio Lower Upper
78 100
77 21.6 19.0 28.4



#50
Toluene-d8
Concen: 52.25 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 98 Resp: 693053
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

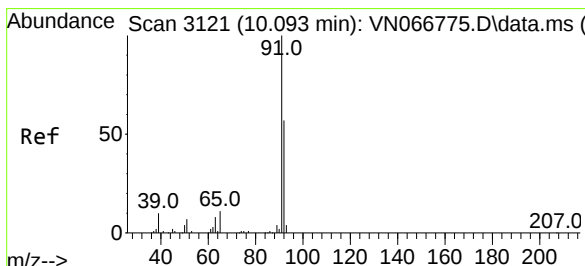
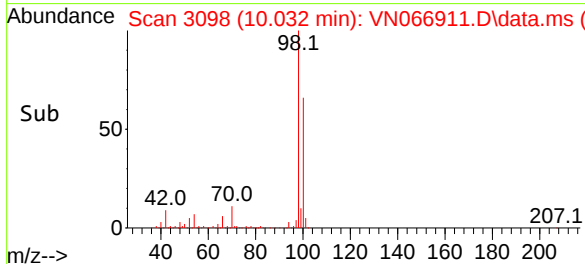
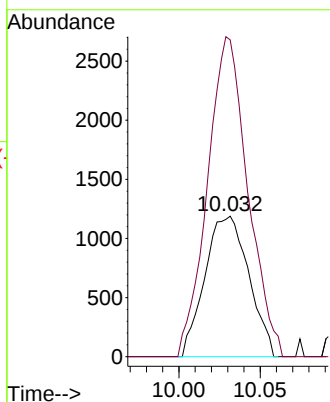
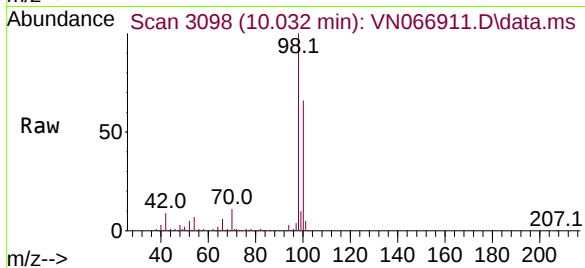




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

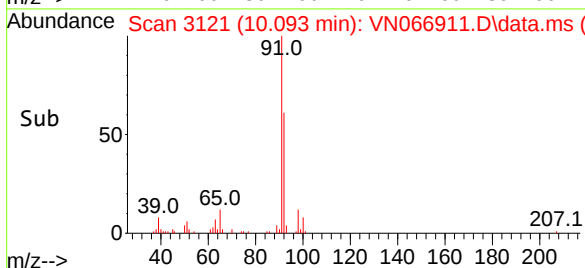
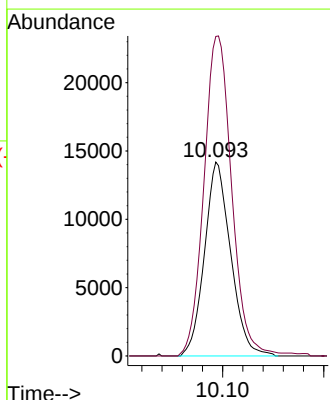
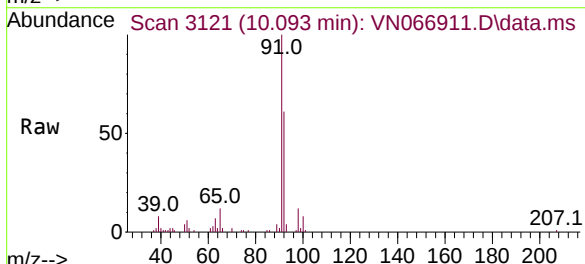
Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

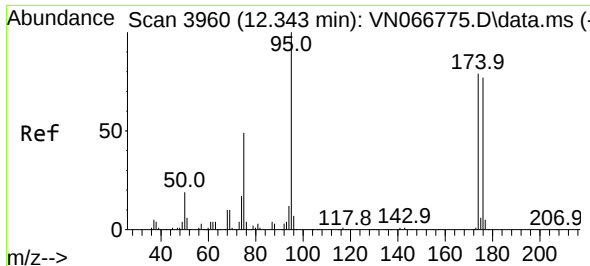
Tgt Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
58 209.4 32.5 48.7#



#52
Toluene
Concen: 2.69 ug/l
RT: 10.093 min Scan# 3121
Delta R.T. 0.000 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 92 Resp: 25563
Ion Ratio Lower Upper
92 100
91 175.5 140.7 211.1

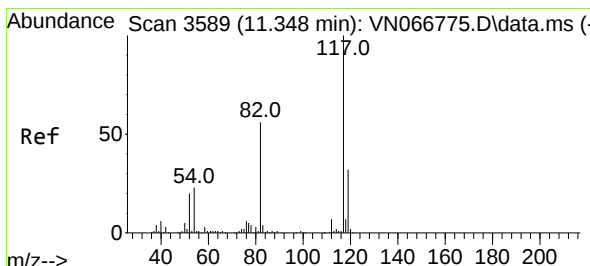
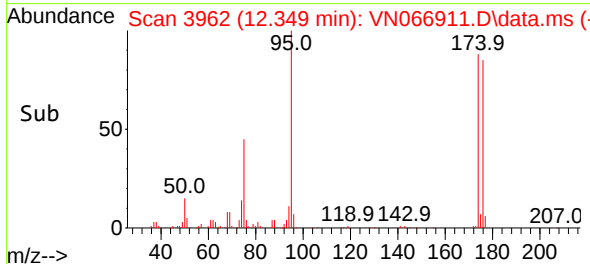
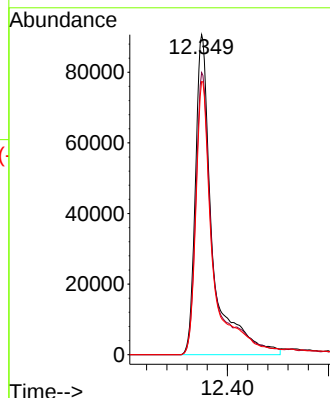
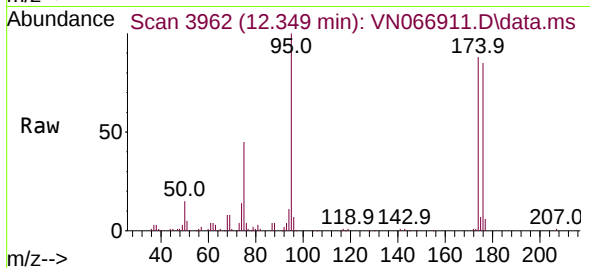




#62
4-Bromofluorobenzene
Concen: 47.53 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

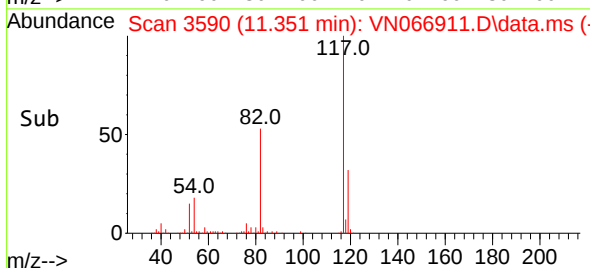
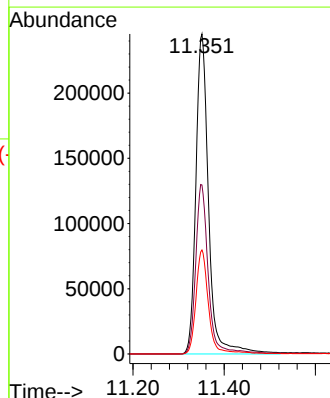
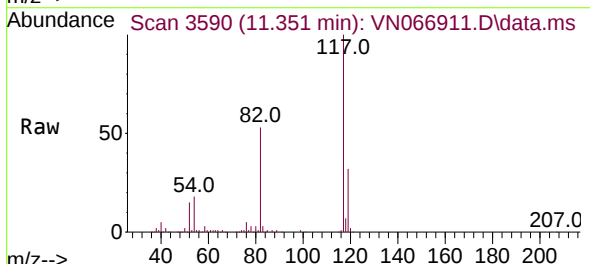
Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

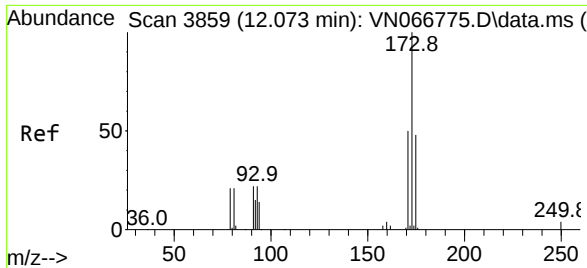
Tgt Ion: 95 Resp: 213312
Ion Ratio Lower Upper
95 100
174 79.1 0.0 169.0
176 85.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 117 Resp: 475441
Ion Ratio Lower Upper
117 100
82 52.8 43.7 65.5
119 32.5 26.1 39.1

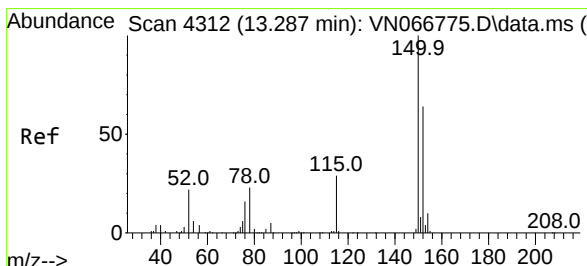
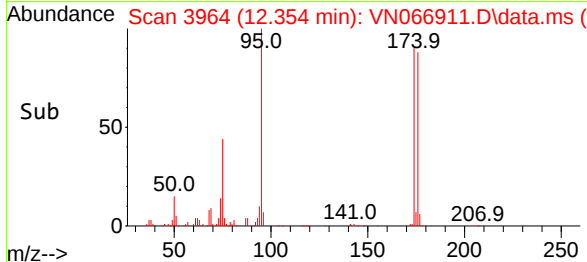
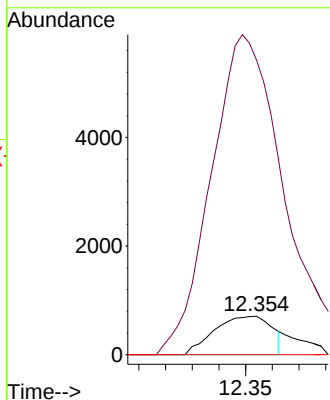
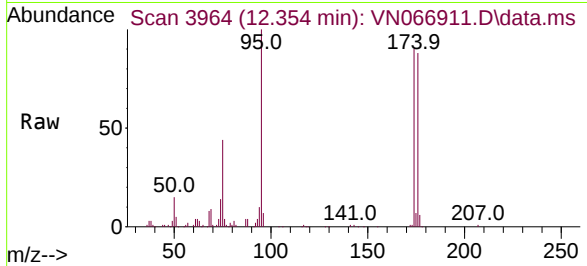




#71
Bromoform
Concen: 0.41 ug/l
RT: 12.354 min Scan# 3964
Delta R.T. 0.281 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

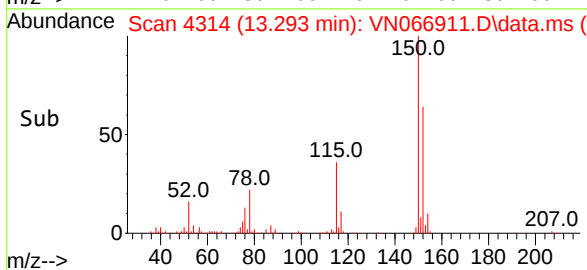
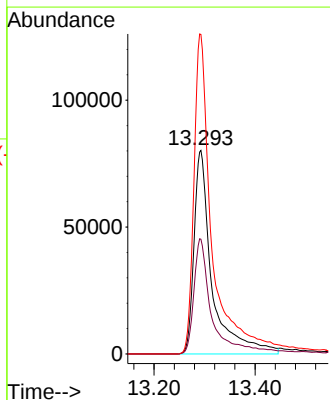
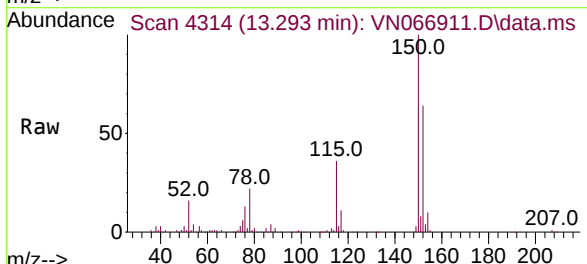
Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

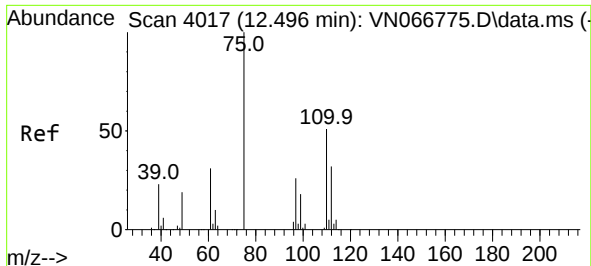
Tgt Ion:173 Resp: 1063
Ion Ratio Lower Upper
173 100
175 859.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion:152 Resp: 199693
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.6
150 159.7 0.0 347.6

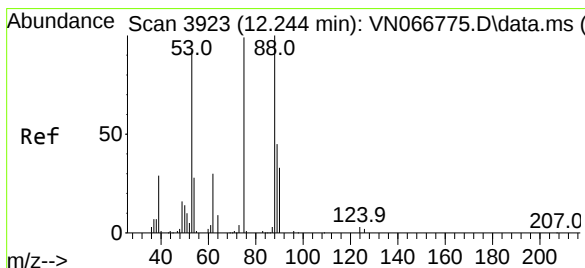
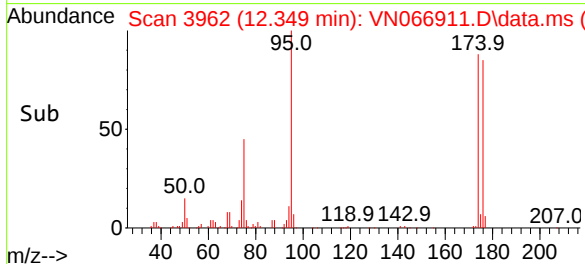
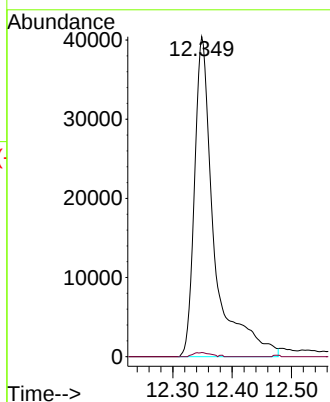
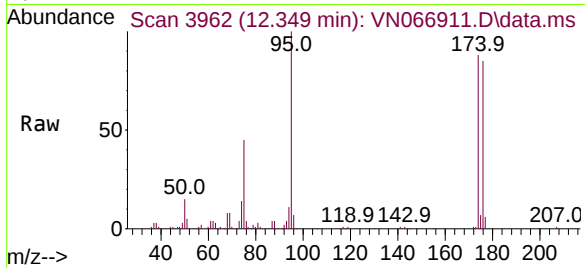




#76
1,2,3-Trichloropropane
Concen: 22.30 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

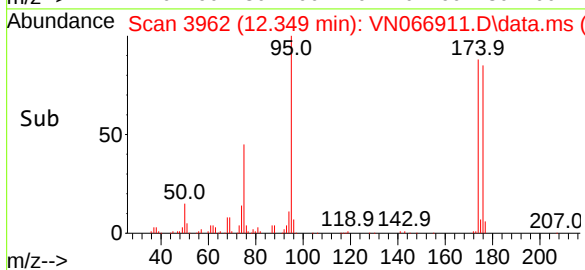
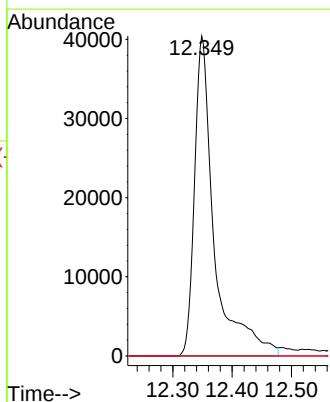
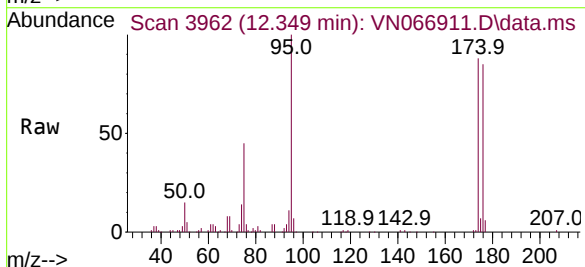
Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

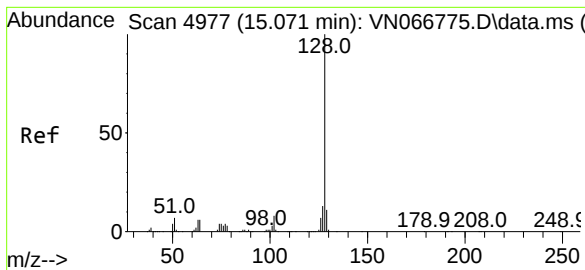
Tgt Ion: 75 Resp: 93847
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.55 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion: 75 Resp: 93847
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

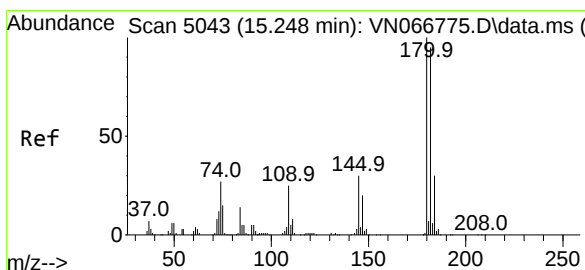
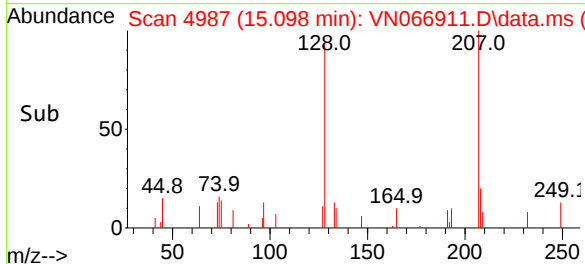
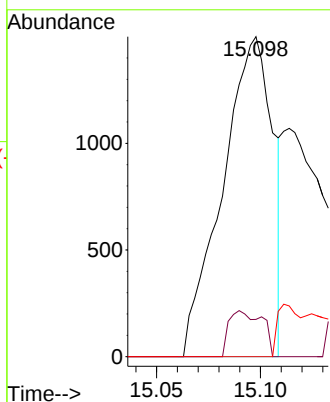
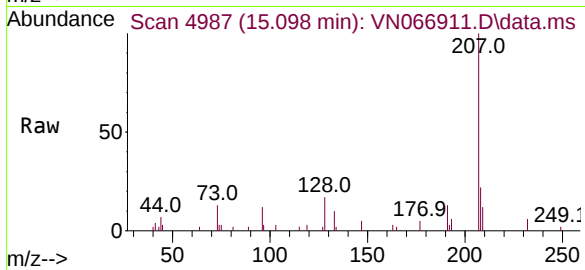




#95
Naphthalene
Concen: 0.28 ug/l
RT: 15.098 min Scan# 4987
Delta R.T. 0.027 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :
ANTIFREEZE-1906

Tgt Ion:128 Resp: 2516
Ion Ratio Lower Upper
128 100
127 9.5 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 15.272 min Scan# 5052
Delta R.T. 0.024 min
Lab File: VN066911.D
Acq: 30 Apr 2021 15:42

Tgt Ion:180 Resp: 782
Ion Ratio Lower Upper
180 100
182 74.0 47.4 142.3
145 0.0 16.5 49.5#

