

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066508.D
 Acq On : 7 Apr 2021 16:05
 Operator : JC/MD
 Sample : VN0407WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 08 01:54:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

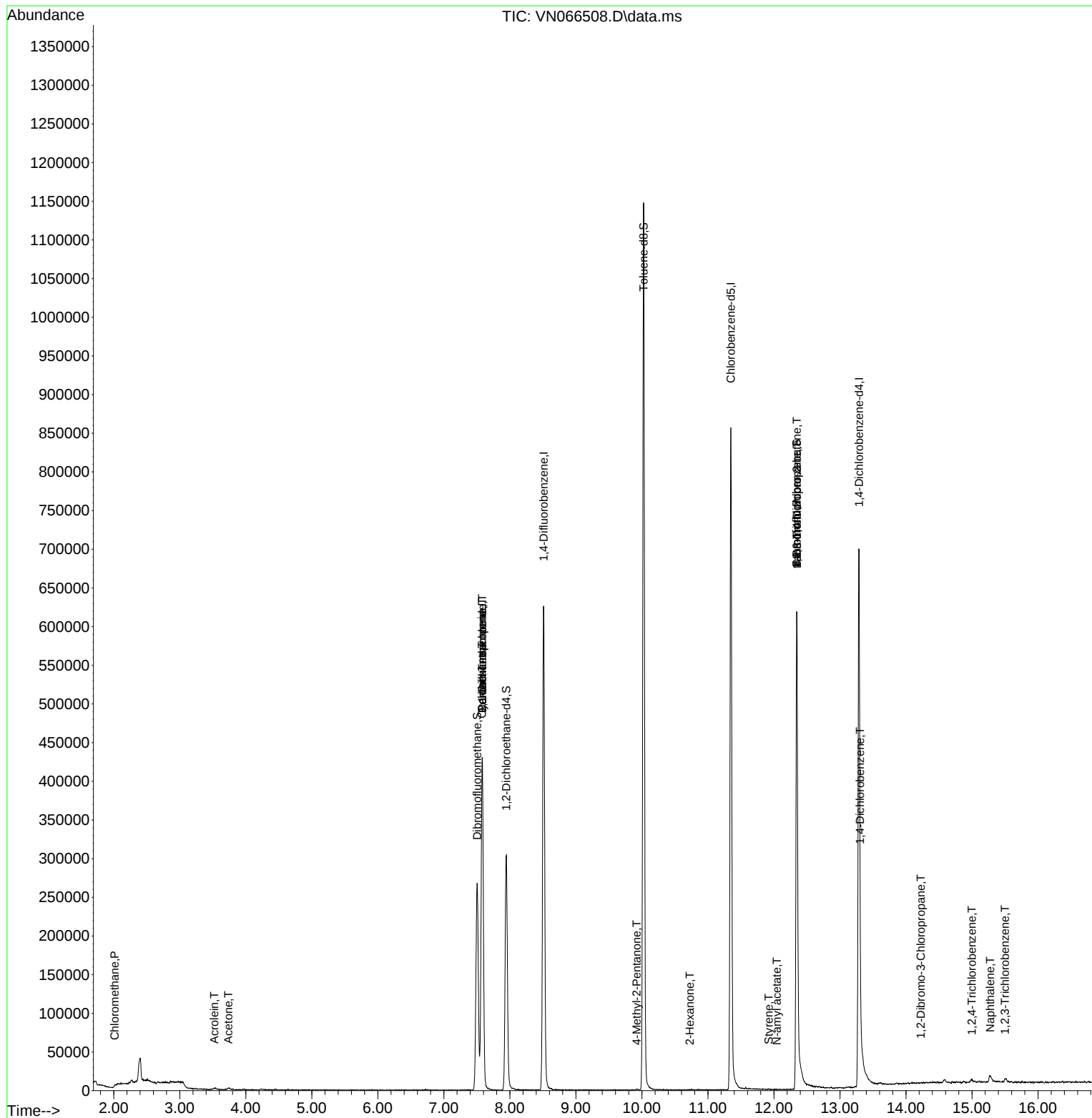
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.582	168	367099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	555249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	515895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	226993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	263220	54.45	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 108.90%		
35) Dibromofluoromethane	7.507	113	207069	54.72	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 109.44%		
50) Toluene-d8	10.025	98	779721	54.23	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 108.46%		
62) 4-Bromofluorobenzene	12.345	95	237668	50.97	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 101.94%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.014	50	1468	0.27	ug/l #	68
13) Acrolein	3.521	56	580	5.01	ug/l #	47
16) Acetone	3.736	43	1599	0.79	ug/l	93
31) Cyclohexane	7.579	56	4209	0.63	ug/l #	1
36) 1,1-Dichloropropene	7.582	75	25385	4.71	ug/l #	49
38) Carbon Tetrachloride	7.582	117	33039	6.04	ug/l #	16
51) 4-Methyl-2-Pentanone	9.920	43	1352	0.22	ug/l #	37
59) 2-Hexanone	10.728	43	268	17.17	ug/l	66
70) Styrene	11.921	104	85	2.79	ug/l #	25
71) Bromoform	12.345	173	2281	0.69	ug/l #	1
74) N-amyl acetate	12.045	43	54	12.74	ug/l #	45
76) 1,2,3-Trichloropropane	12.348	75	112821	22.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.348	75	112821	61.32	ug/l #	12
88) 1,4-Dichlorobenzene	13.305	146	724	1.09	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.225	75	163	0.47	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.997	180	1258	2.50	ug/l #	51
95) Naphthalene	15.276	128	13678	2.96	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.502	180	1394	1.91	ug/l #	75

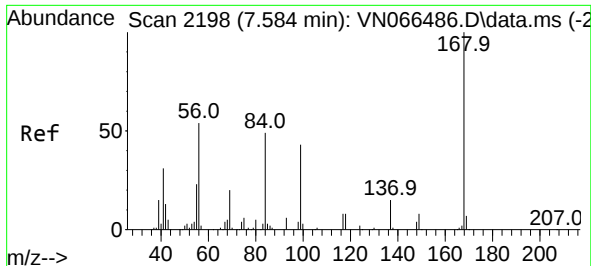
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

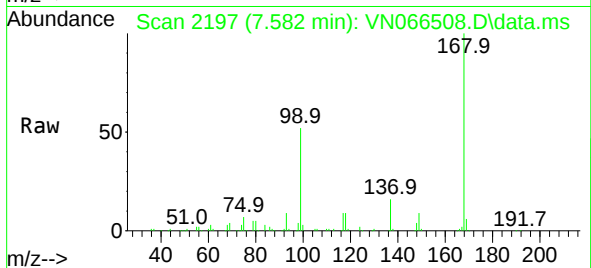
Quant Time: Apr 08 01:54:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration



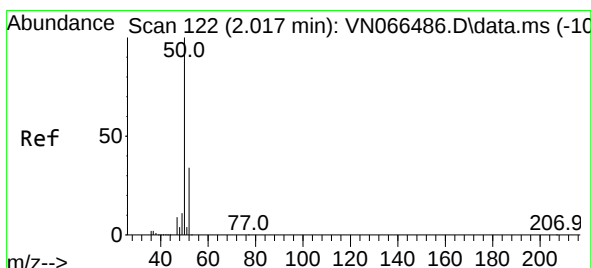
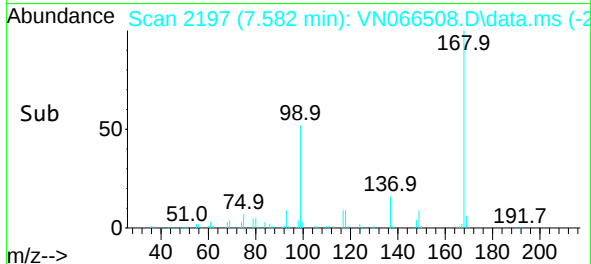
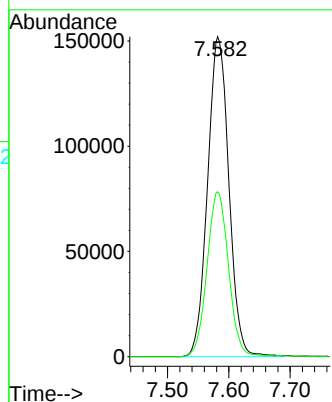


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.002 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Instrument :
MSVOA_N
ClientSampled :

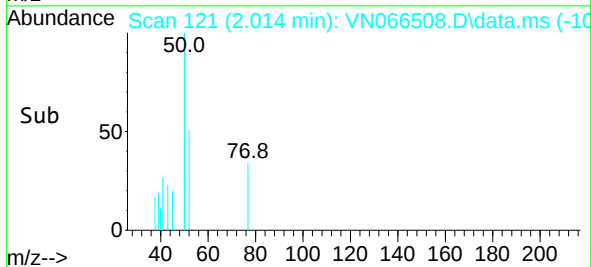
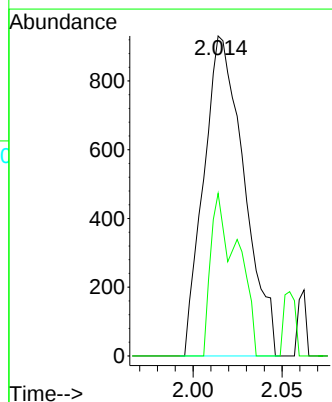
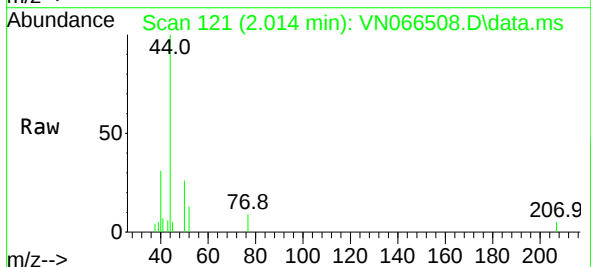


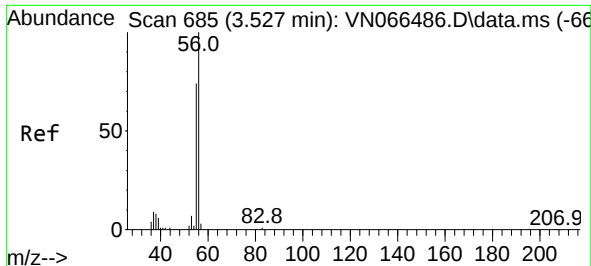
Tgt Ion:168 Resp: 367099
Ion Ratio Lower Upper
168 100
99 51.6 41.1 61.7



#3
Chloromethane
Concen: 0.27 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Tgt Ion: 50 Resp: 1468
Ion Ratio Lower Upper
50 100
52 50.8 26.2 39.2#

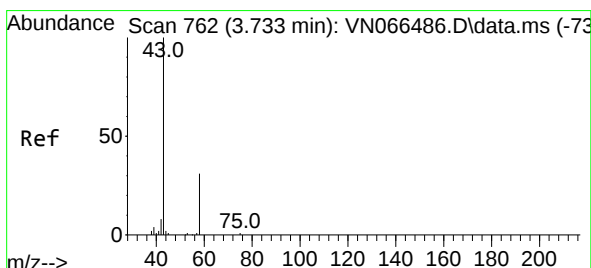
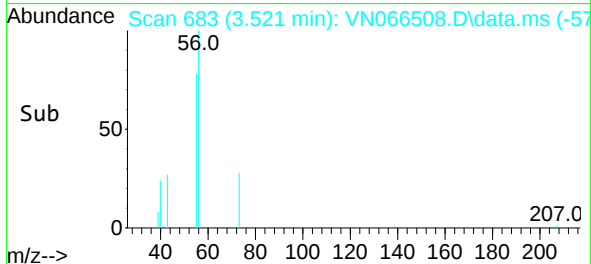
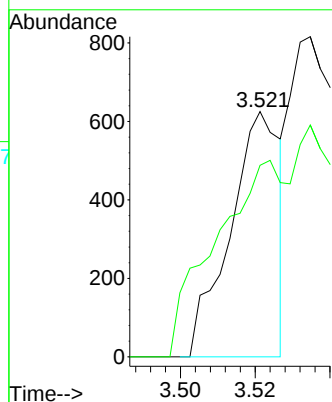
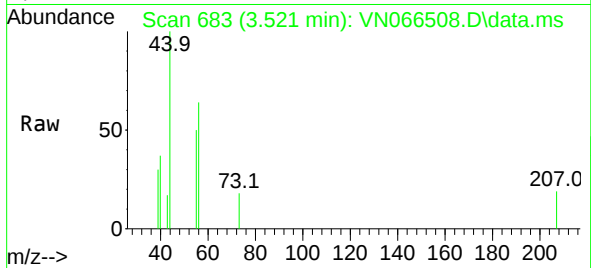




#13
Acrolein
Concen: 5.01 ug/l
RT: 3.521 min Scan# 683
Delta R.T. -0.006 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

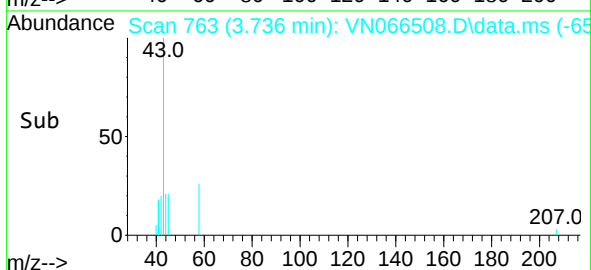
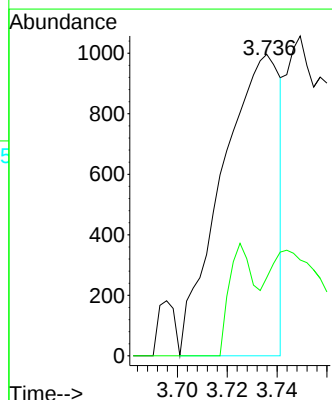
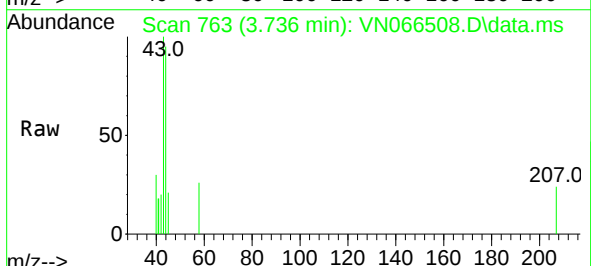
Instrument :
MSVOA_N
ClientSampled :

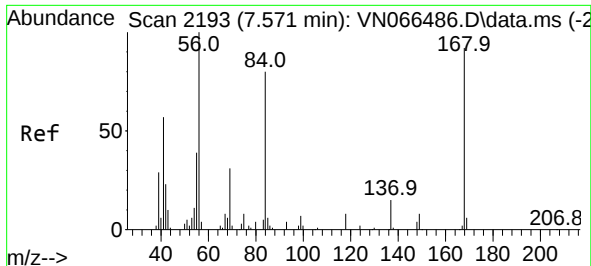
Tgt Ion: 56 Resp: 580
Ion Ratio Lower Upper
56 100
55 117.1 57.9 86.9#



#16
Acetone
Concen: 0.79 ug/l
RT: 3.736 min Scan# 763
Delta R.T. 0.003 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

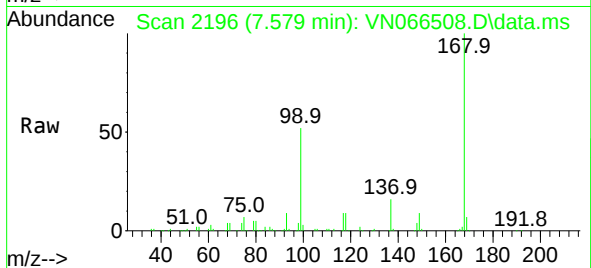
Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.8



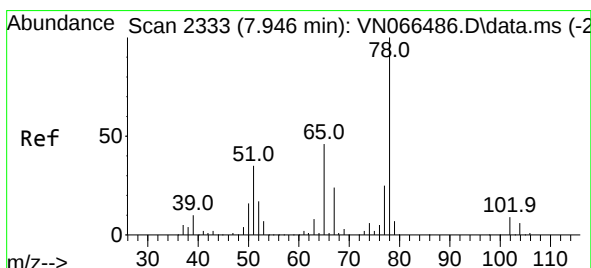
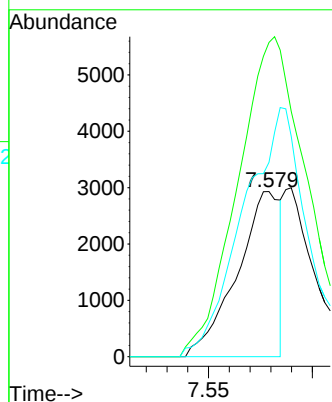
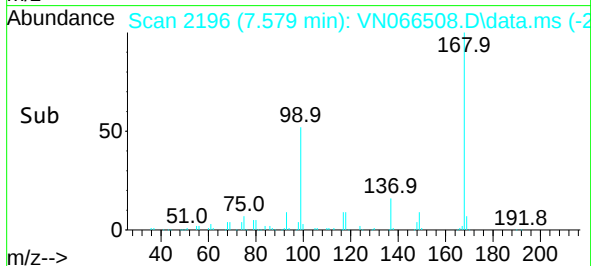


#31
Cyclohexane
Concen: 0.63 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.008 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

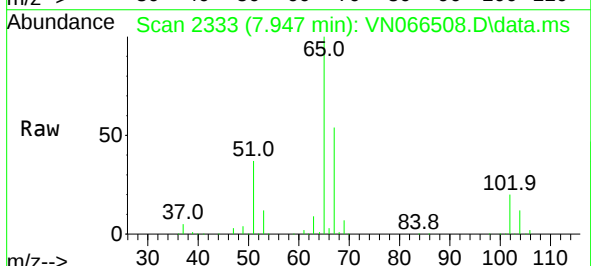
Instrument :
MSVOA_N
ClientSampled :



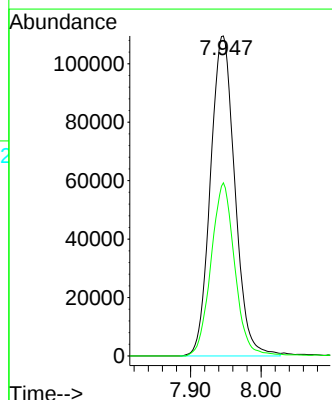
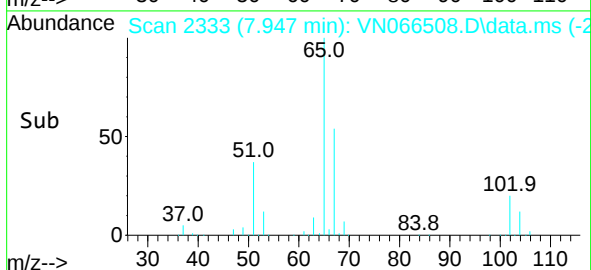
Tgt Ion: 56 Resp: 4209
Ion Ratio Lower Upper
56 100
69 190.3 26.6 40.0#
84 117.7 68.7 103.1#

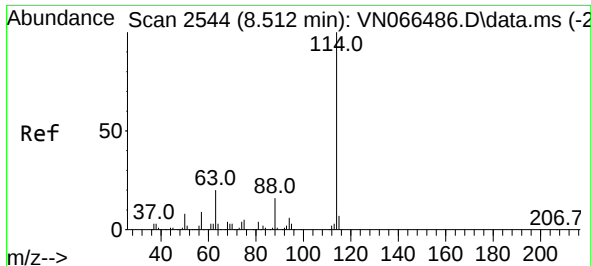


#33
1,2-Dichloroethane-d4
Concen: 54.45 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. 0.001 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05



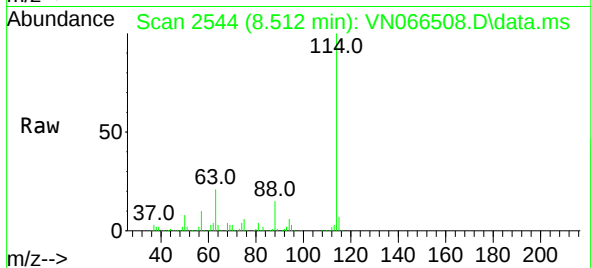
Tgt Ion: 65 Resp: 263220
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2



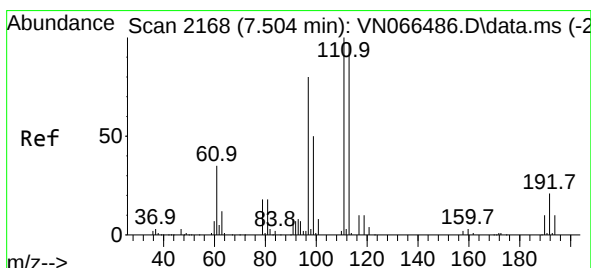
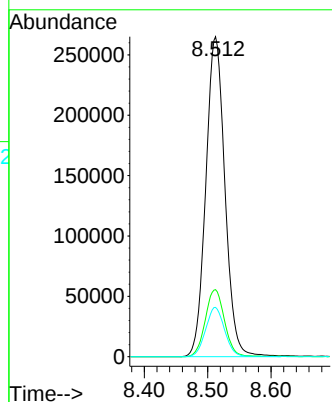
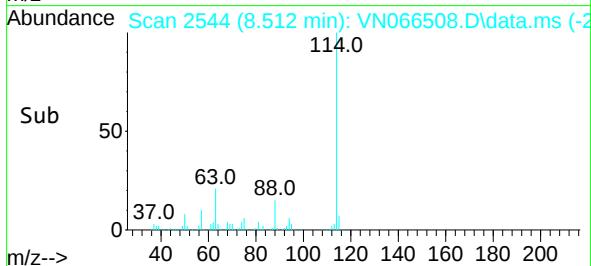


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. 0.000 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

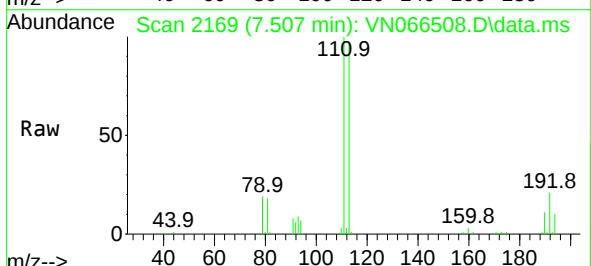
Instrument :
MSVOA_N
ClientSampled :



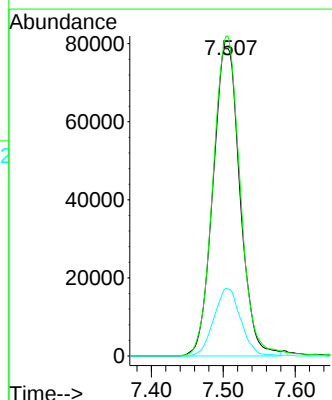
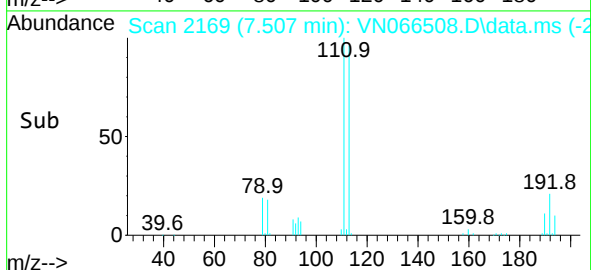
Tgt Ion:114 Resp: 555249
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.0
88 15.4 0.0 31.0

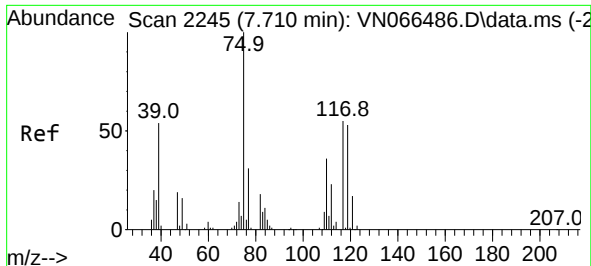


#35
Dibromofluoromethane
Concen: 54.72 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. 0.003 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05



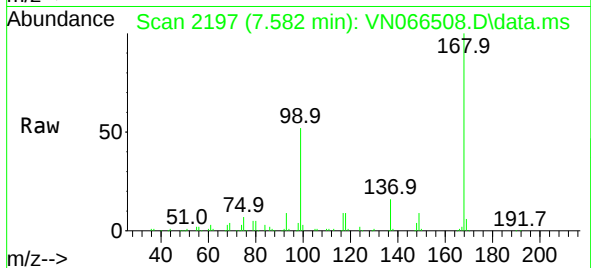
Tgt Ion:113 Resp: 207069
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 21.7 17.1 25.7



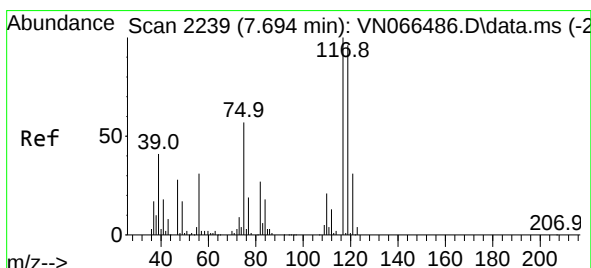
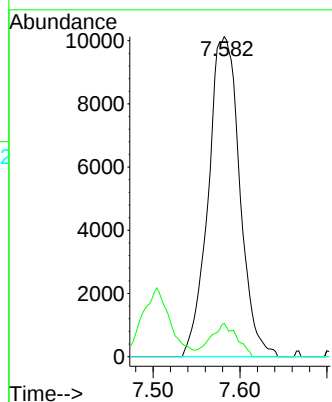
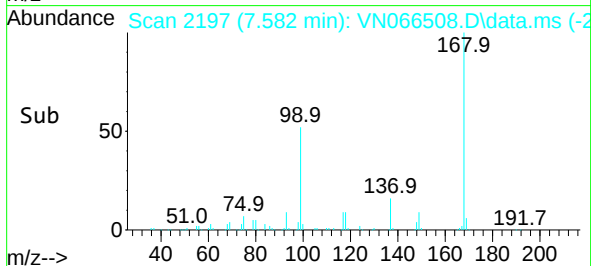


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.128 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

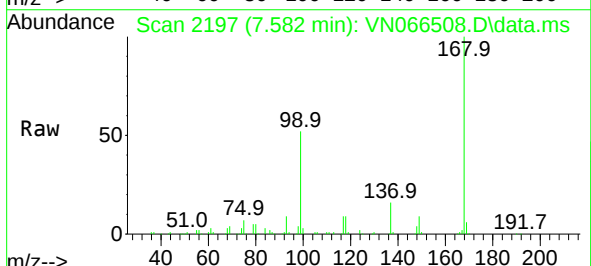
Instrument :
MSVOA_N
ClientSampled :



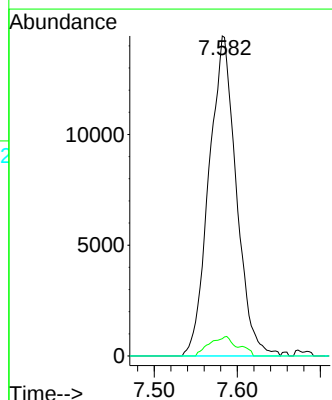
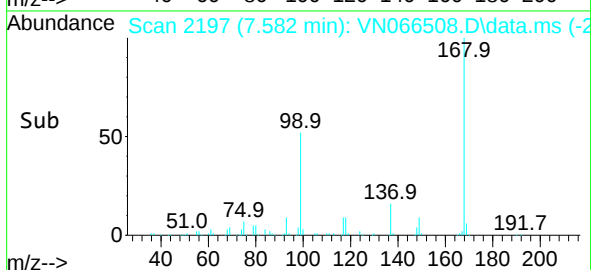
Tgt Ion: 75 Resp: 25385
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 25.0 37.4#

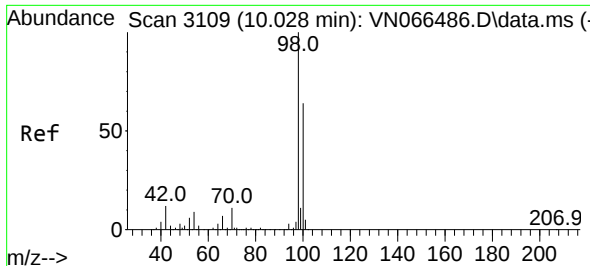


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.112 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05



Tgt Ion: 117 Resp: 33039
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.2 36.4#

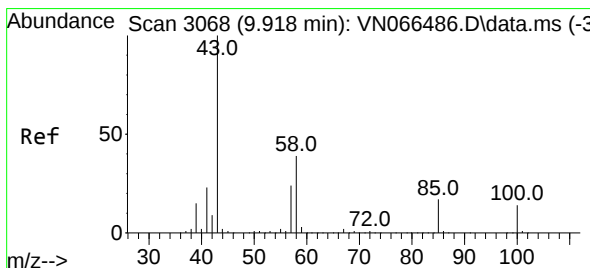
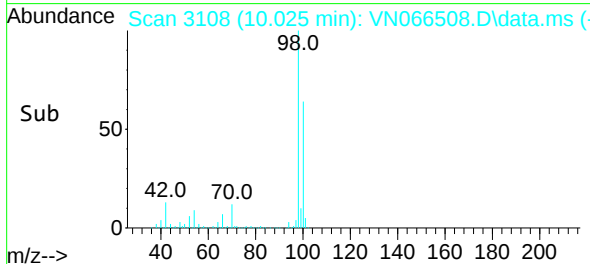
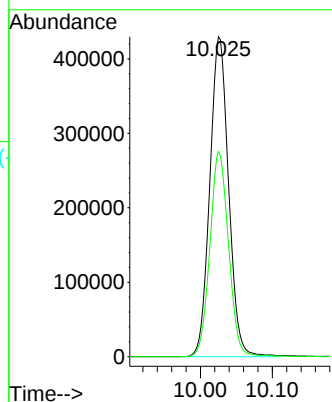
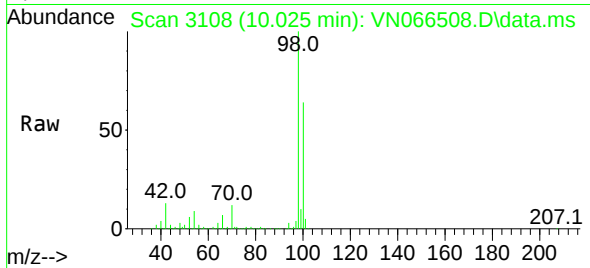




#50
Toluene-d8
Concen: 54.23 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

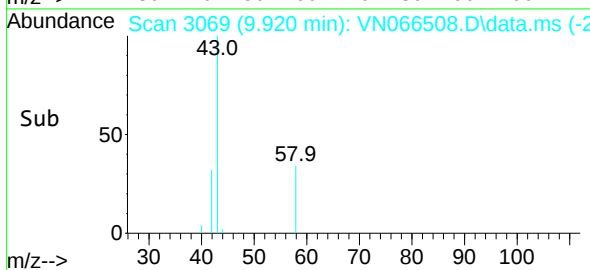
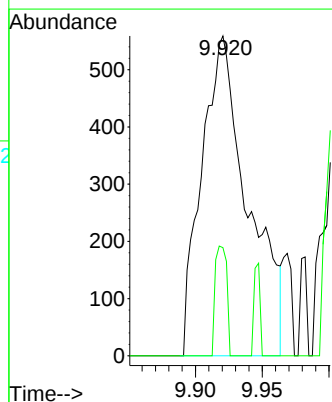
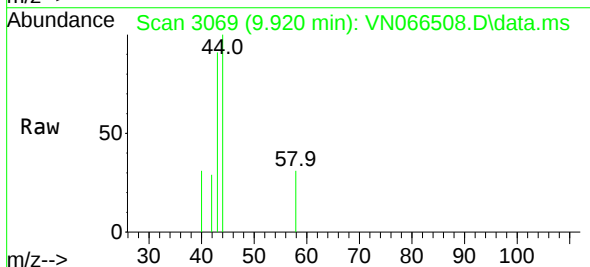
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MSVOA_N
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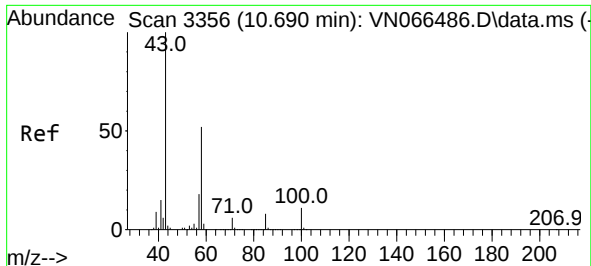
Tgt Ion: 98 Resp: 779721
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. 0.002 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

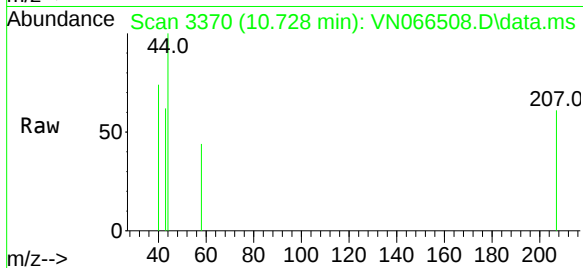
Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#



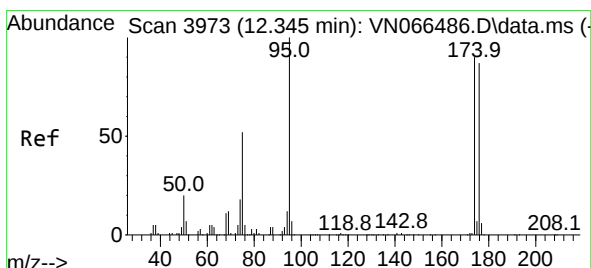
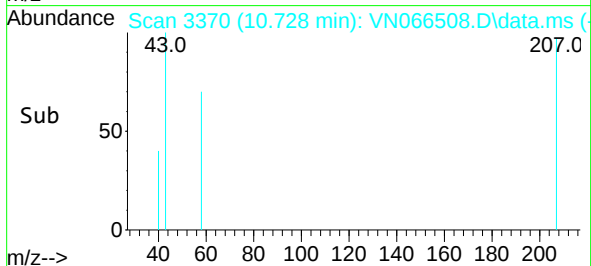
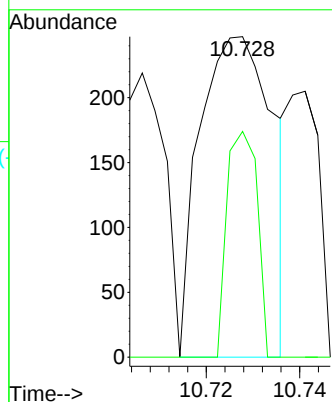


#59
2-Hexanone
Concen: 17.17 ug/l
RT: 10.728 min Scan# 3370
Delta R.T. 0.038 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Instrument :
MSVOA_N
ClientSampleId :

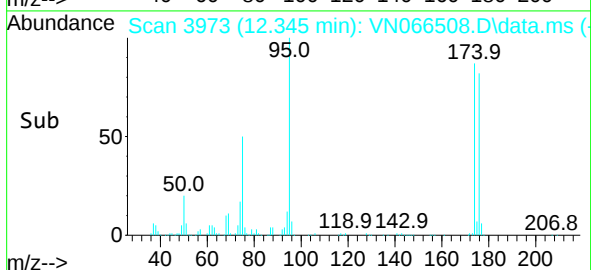
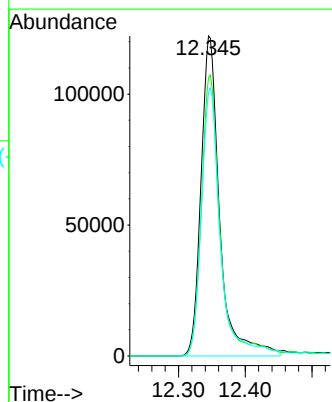
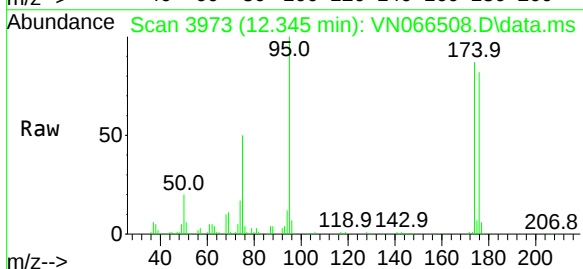


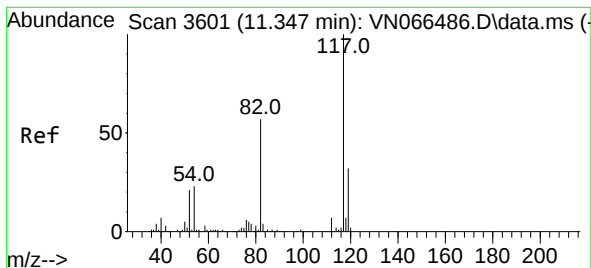
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
58 29.1 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 50.97 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Tgt Ion: 95 Resp: 237668
Ion Ratio Lower Upper
95 100
174 84.4 0.0 172.2
176 82.6 0.0 167.8

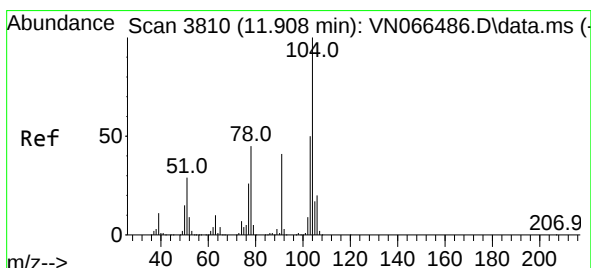
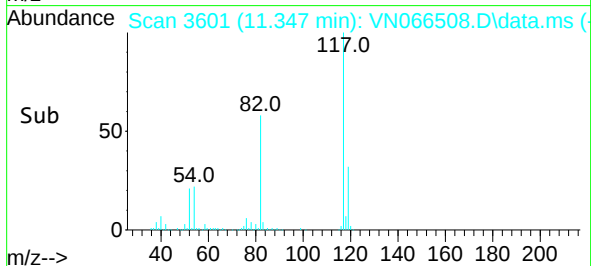
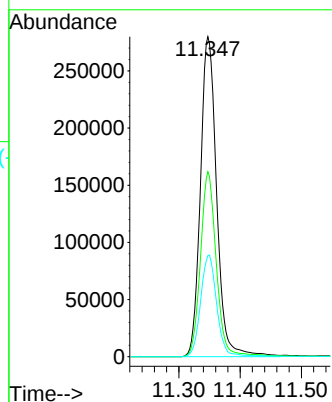
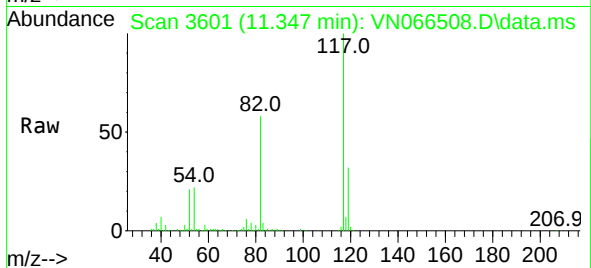




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

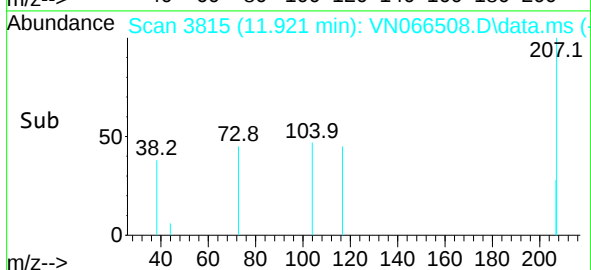
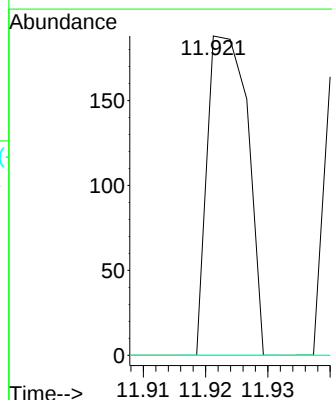
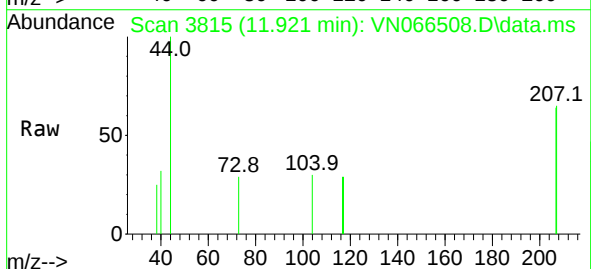
Instrument :
MSVOA_N
ClientSampled :

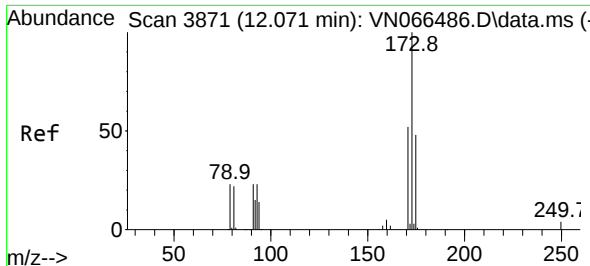
Tgt Ion:117 Resp: 515895
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.4
119 31.6 25.8 38.6



#70
Styrene
Concen: 2.79 ug/l
RT: 11.921 min Scan# 3815
Delta R.T. 0.013 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Tgt Ion:104 Resp: 85
Ion Ratio Lower Upper
104 100
78 0.0 40.7 61.1#
103 0.0 44.2 66.2#

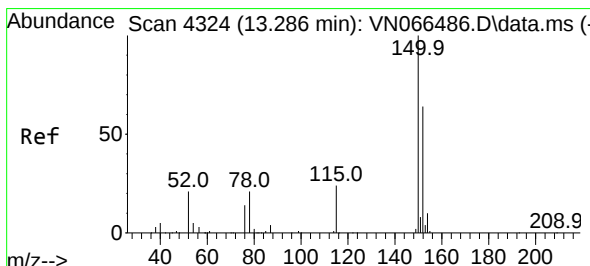
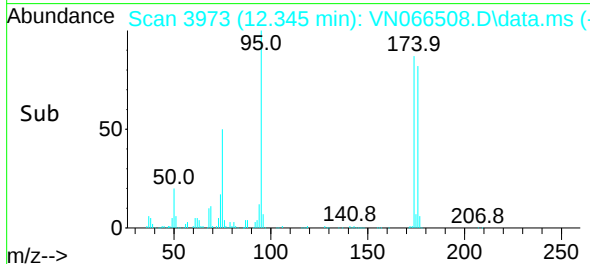
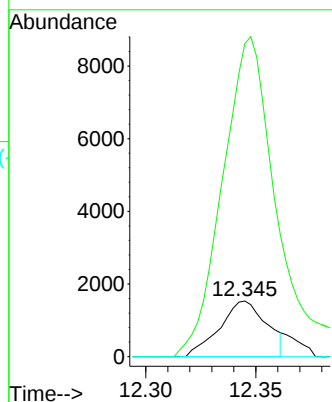
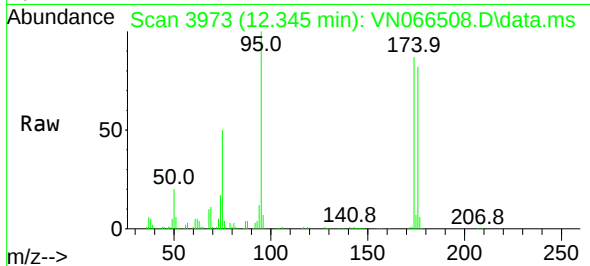




#71
Bromoform
Concen: 0.69 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.274 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

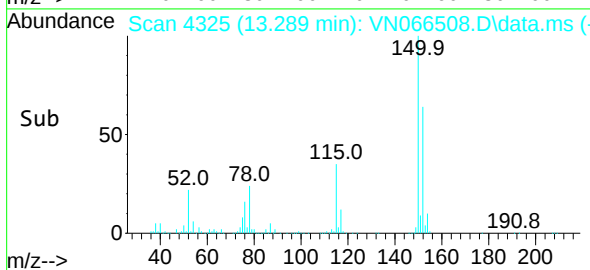
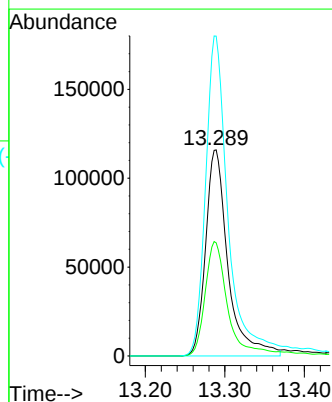
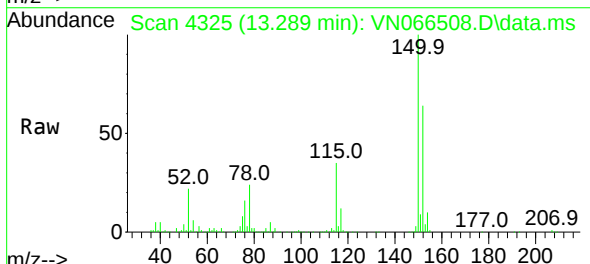
Instrument :
MSVOA_N
ClientSampled :

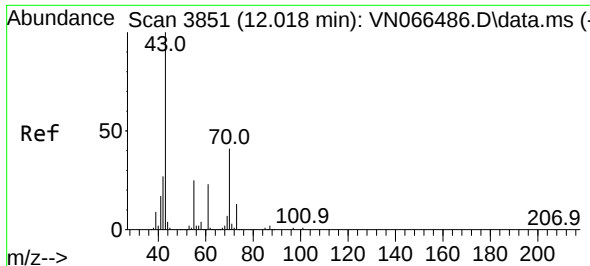
Tgt Ion:173 Resp: 2281
Ion Ratio Lower Upper
173 100
175 569.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

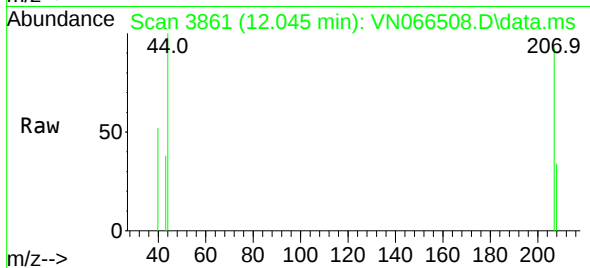
Tgt Ion:152 Resp: 226993
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.4
150 158.9 0.0 348.4



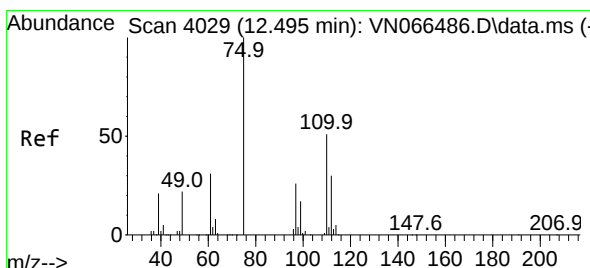
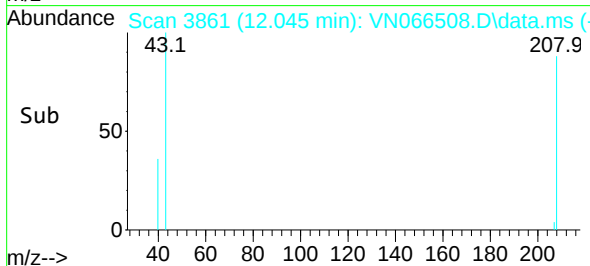
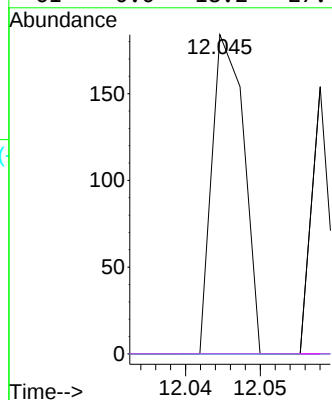


#74
N-amy1 acetate
Concen: 12.74 ug/l
RT: 12.045 min Scan# 3861
Delta R.T. 0.027 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Instrument :
MSVOA_N
ClientSampled :

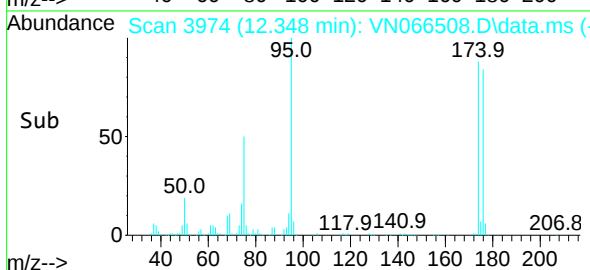
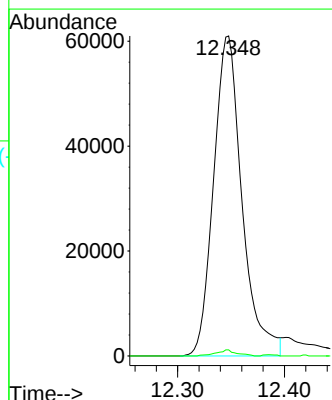
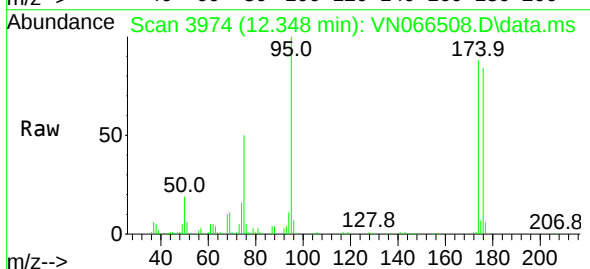


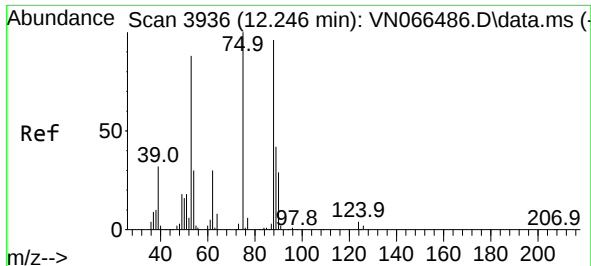
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#



#76
1,2,3-Trichloropropane
Concen: 22.03 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.147 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

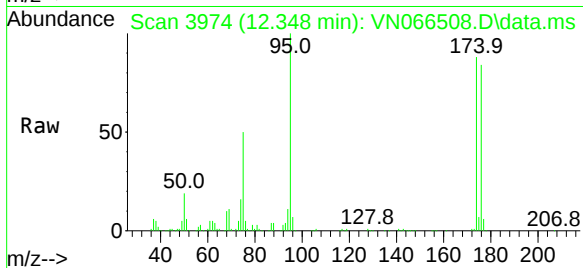
Tgt Ion: 75 Resp: 112821
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



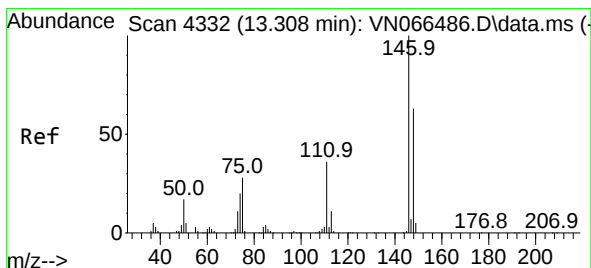
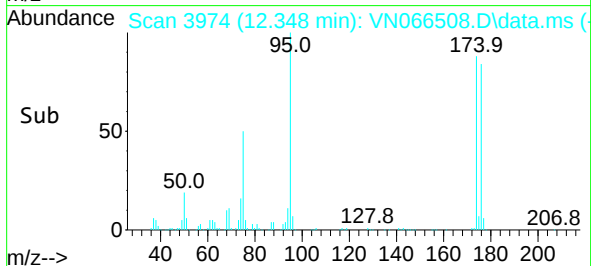
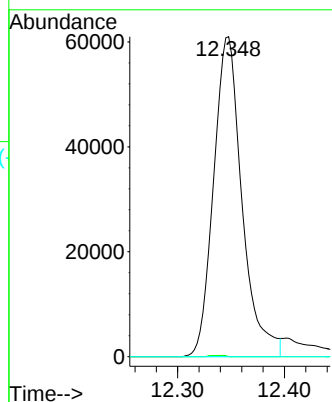


#81
trans-1,4-Dichloro-2-butene
Concen: 61.32 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Instrument :
MSVOA_N
ClientSampled :

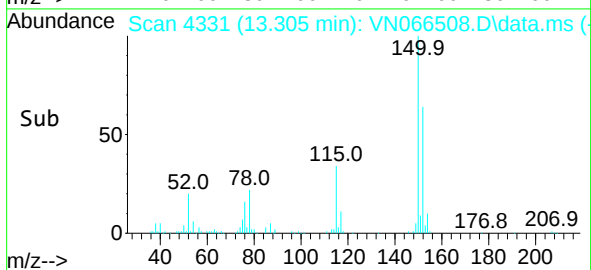
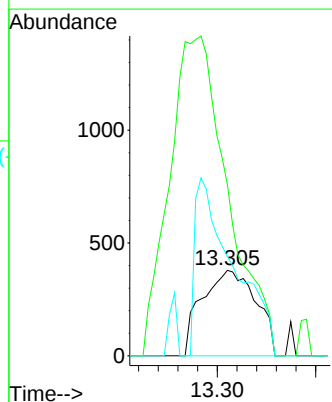
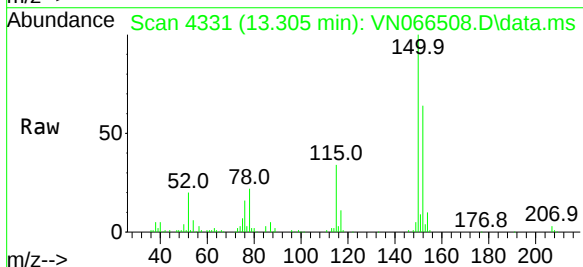


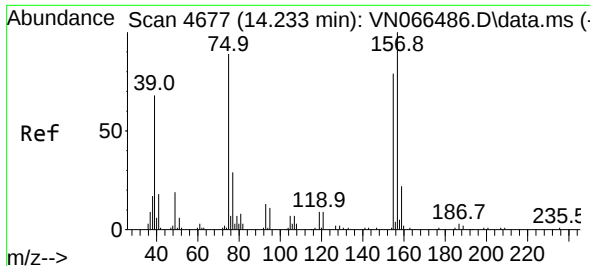
Tgt Ion: 75 Resp: 112821
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 35.7 53.5#



#88
1,4-Dichlorobenzene
Concen: 1.09 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. -0.003 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

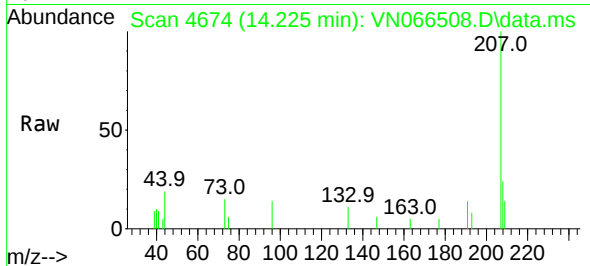
Tgt Ion: 146 Resp: 724
Ion Ratio Lower Upper
146 100
111 405.5 18.3 54.9#
148 148.3 31.9 95.9#



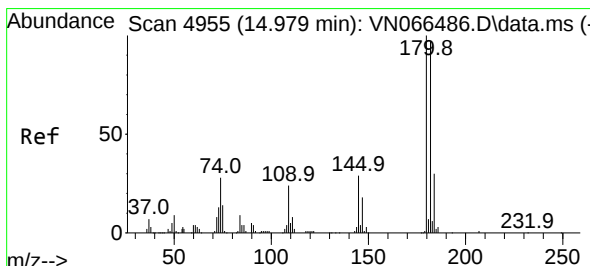
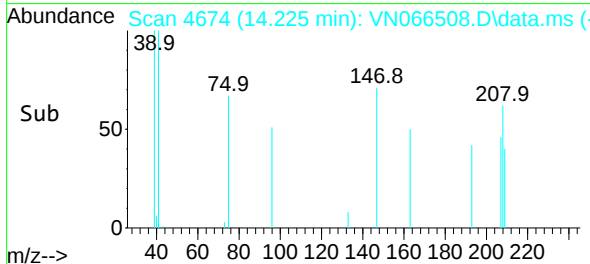
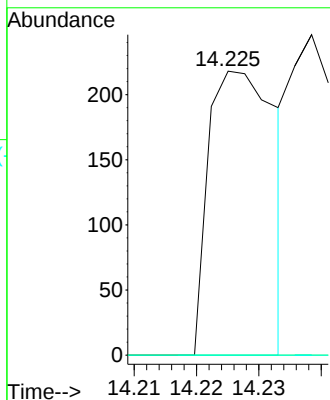


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.47 ug/l
 RT: 14.225 min Scan# 4674
 Delta R.T. -0.008 min
 Lab File: VN066508.D
 Acq: 7 Apr 2021 16:05

Instrument :
 MSVOA_N
 ClientSampled :

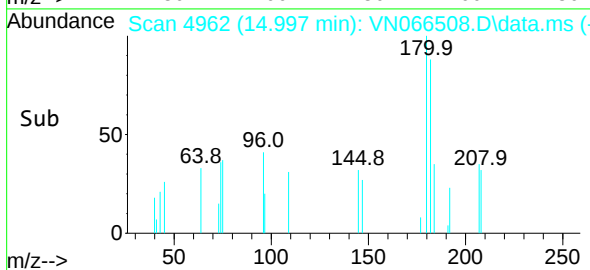
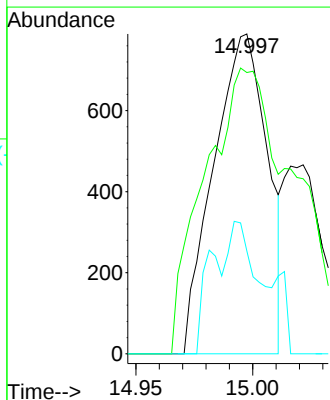
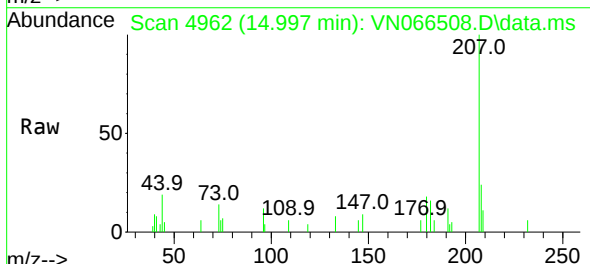


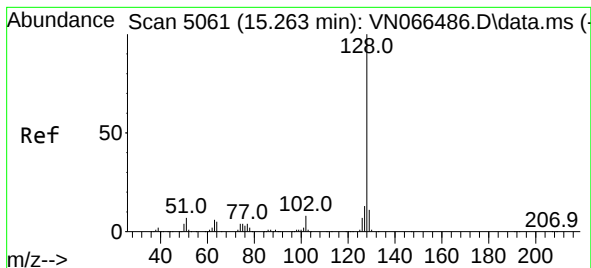
Tgt Ion: 75 Resp: 163
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.8 131.3#
 157 0.0 57.6 172.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.50 ug/l
 RT: 14.997 min Scan# 4962
 Delta R.T. 0.018 min
 Lab File: VN066508.D
 Acq: 7 Apr 2021 16:05

Tgt Ion:180 Resp: 1258
 Ion Ratio Lower Upper
 180 100
 182 147.7 47.4 142.3#
 145 12.1 14.2 42.8#

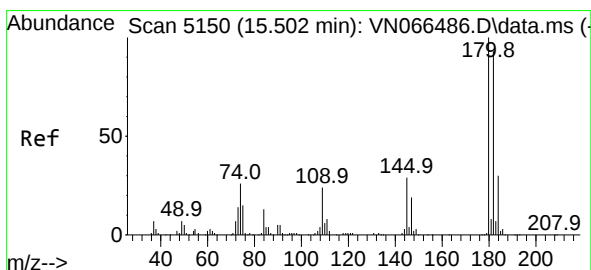
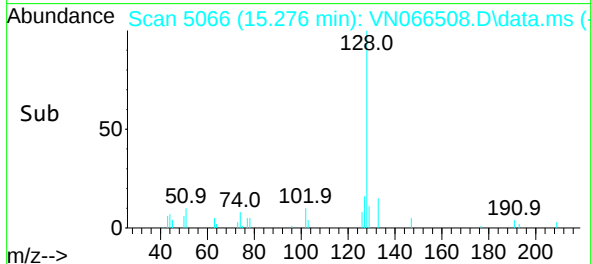
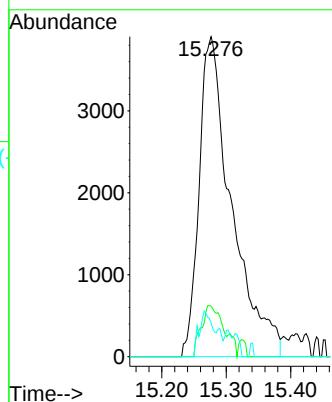
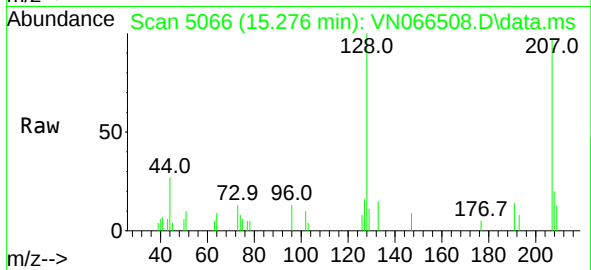




#95
Naphthalene
Concen: 2.96 ug/l
RT: 15.276 min Scan# 5066
Delta R.T. 0.013 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 13678
Ion Ratio Lower Upper
128 100
127 9.8 10.5 15.7#
129 5.9 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.91 ug/l
RT: 15.502 min Scan# 5150
Delta R.T. -0.000 min
Lab File: VN066508.D
Acq: 7 Apr 2021 16:05

Tgt Ion:180 Resp: 1394
Ion Ratio Lower Upper
180 100
182 76.5 47.6 142.9
145 7.1 15.4 46.1#

