

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066495.D
 Acq On : 6 Apr 2021 16:34
 Operator : JC/MD
 Sample : VN0406WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 07 04:46:17 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)

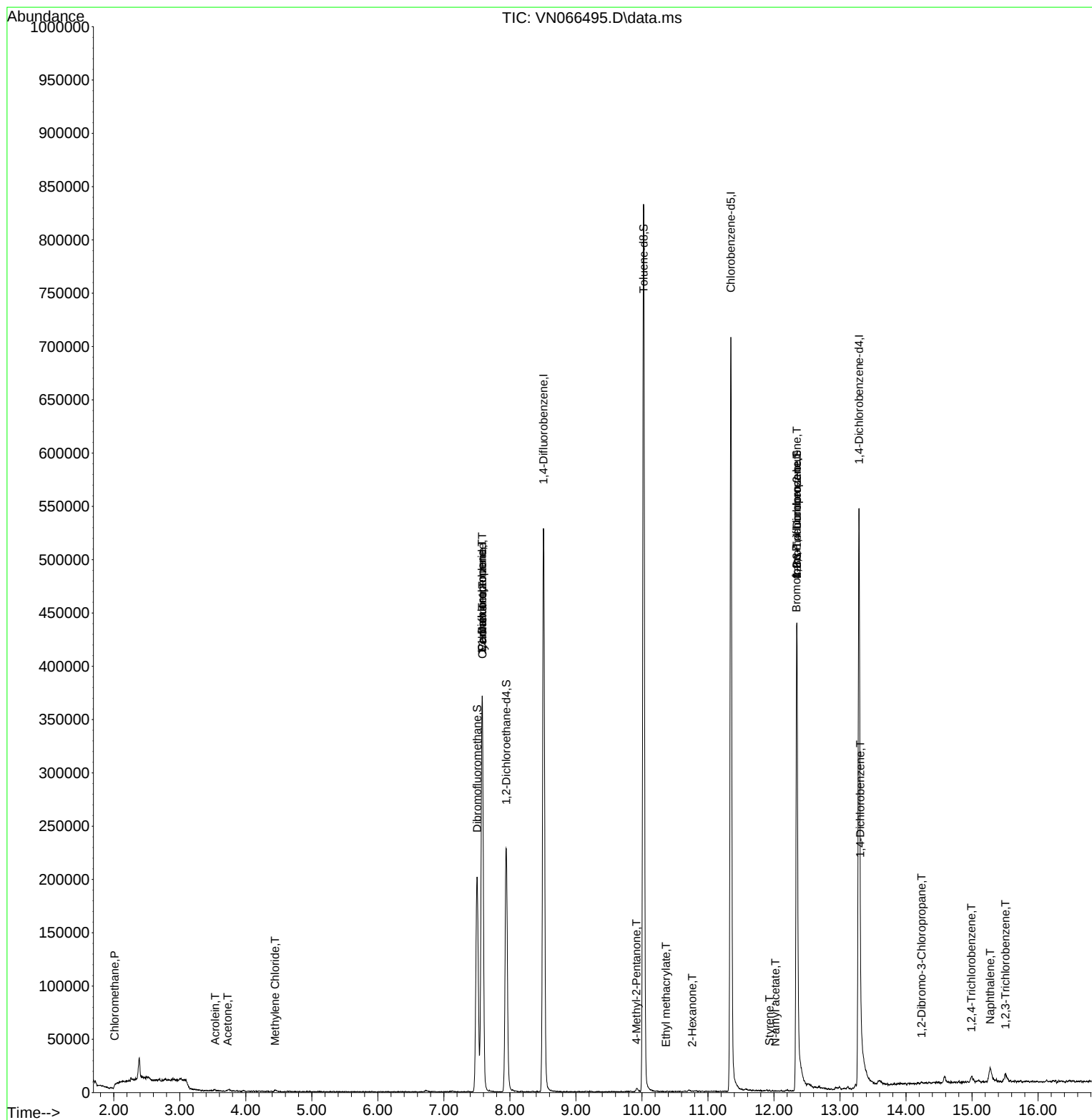
Internal Standards						
1) Pentafluorobenzene	7.582	168	320353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	481459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	427450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	178429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	200295	47.48	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.96%		
35) Dibromofluoromethane	7.504	113	159285	48.54	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.08%		
50) Toluene-d8	10.025	98	587725	47.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.28%		
62) 4-Bromofluorobenzene	12.348	95	174350	43.12	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.24%		
Target Compounds					Qvalue	
3) Chloromethane	2.014	50	1213	0.26	ug/l #	65
13) Acrolein	3.537	56	994	6.32	ug/l #	68
16) Acetone	3.725	43	823	0.47	ug/l	93
20) Methylene Chloride	4.444	84	798	0.21	ug/l #	50
31) Cyclohexane	7.584	56	6393	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.579	75	23580	5.04	ug/l #	48
38) Carbon Tetrachloride	7.582	117	28387	5.99	ug/l #	16
51) 4-Methyl-2-Pentanone	9.918	43	3013	0.57	ug/l	87
56) Ethyl methacrylate	10.366	69	54	3.73	ug/l #	22
59) 2-Hexanone	10.763	43	125	17.14	ug/l	79
70) Styrene	11.932	104	355	2.81	ug/l #	35
71) Bromoform	12.342	173	755	0.28	ug/l #	1
74) N-amyl acetate	12.020	43	137	12.75	ug/l #	45
76) 1,2,3-Trichloropropane	12.348	75	82726	20.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.348	75	82726	57.56	ug/l #	12
88) 1,4-Dichlorobenzene	13.308	146	1424	1.23	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.236	75	218	0.57	ug/l #	21
93) 1,2,4-Trichlorobenzene	14.992	180	3267	3.10	ug/l #	84
95) Naphthalene	15.276	128	21524	3.95	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.507	180	4086	2.73	ug/l #	76

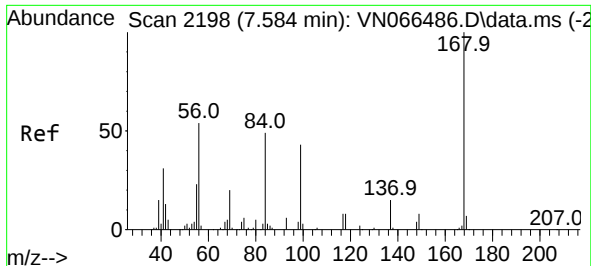
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

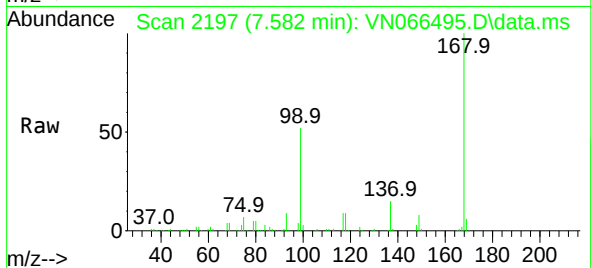
Quant Time: Apr 07 04:46:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration



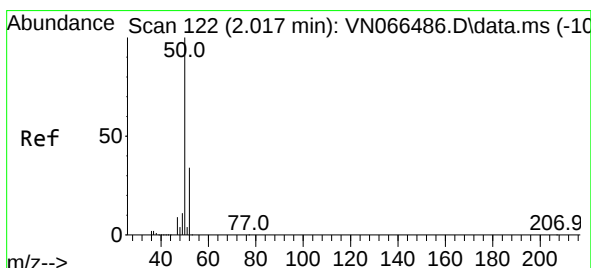
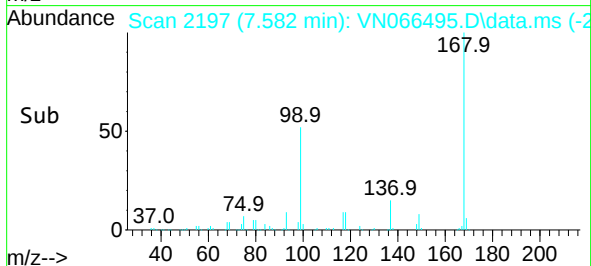
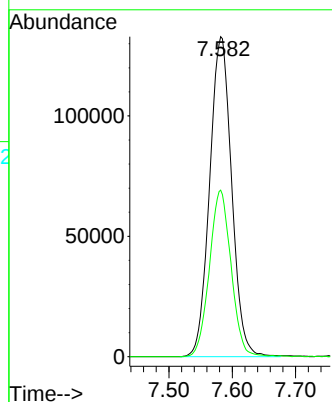


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.002 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

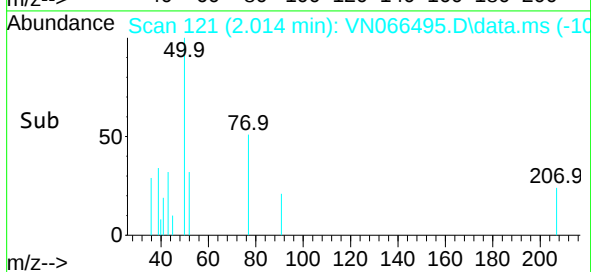
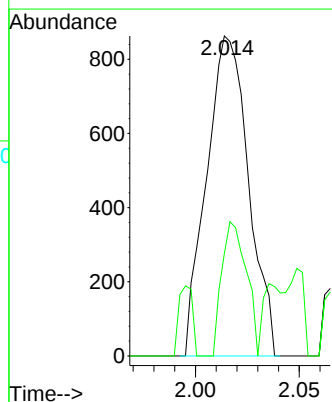
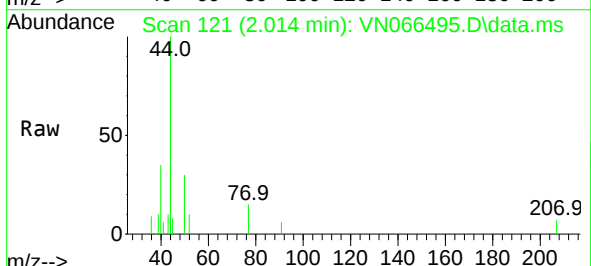


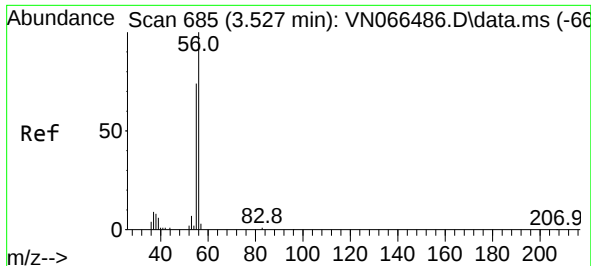
Tgt Ion:168 Resp: 320353
Ion Ratio Lower Upper
168 100
99 52.1 41.1 61.7



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

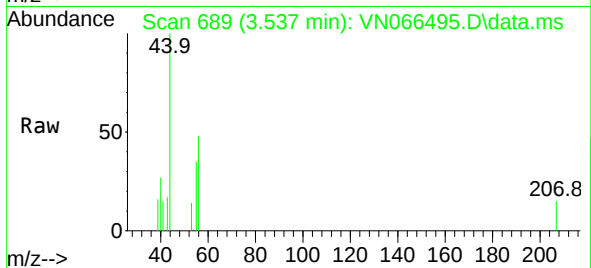
Tgt Ion: 50 Resp: 1213
Ion Ratio Lower Upper
50 100
52 12.9 26.2 39.2#



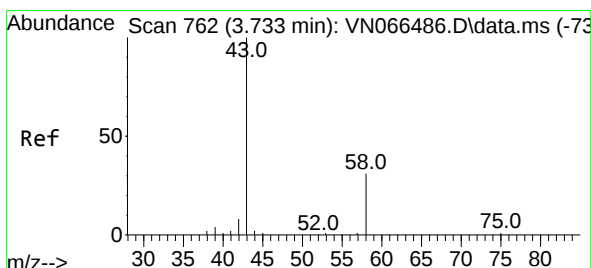
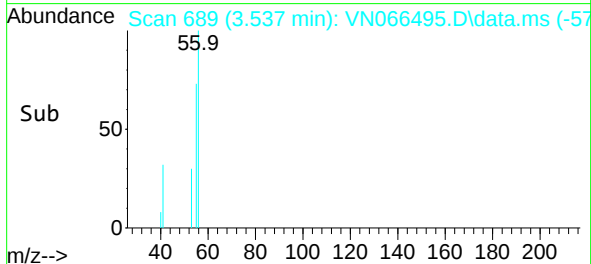
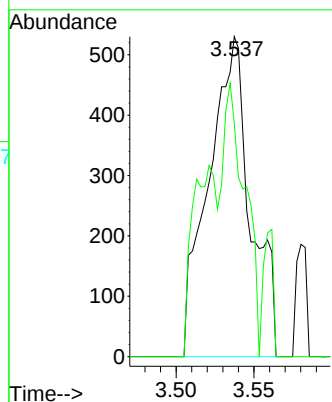


#13
Acrolein
Concen: 6.32 ug/l
RT: 3.537 min Scan# 689
Delta R.T. 0.010 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

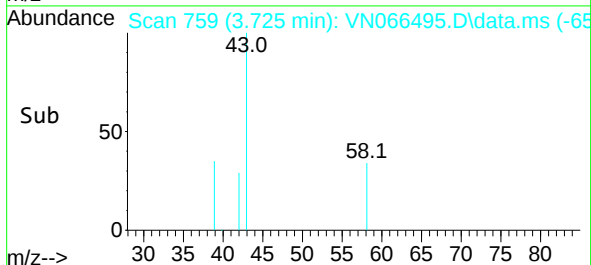
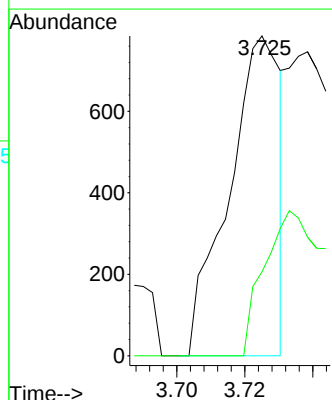
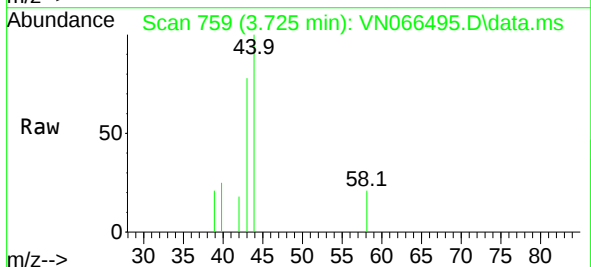


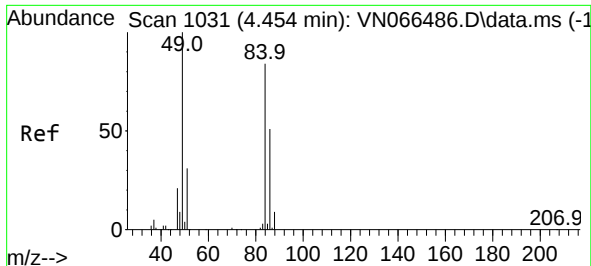
Tgt Ion: 56 Resp: 994
Ion Ratio Lower Upper
56 100
55 45.9 57.9 86.9#



#16
Acetone
Concen: 0.47 ug/l
RT: 3.725 min Scan# 759
Delta R.T. -0.008 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

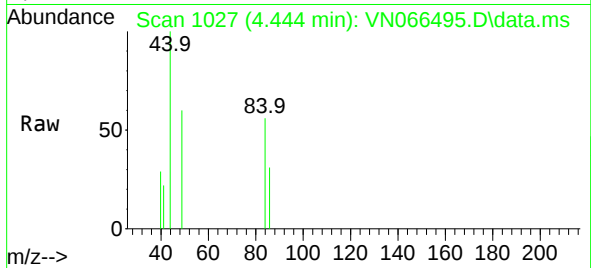
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 26.2 23.8 35.8



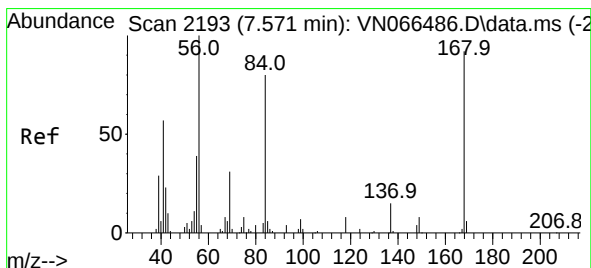
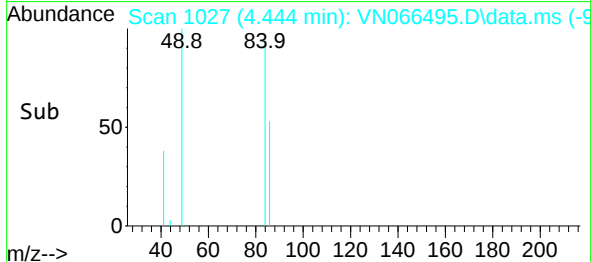
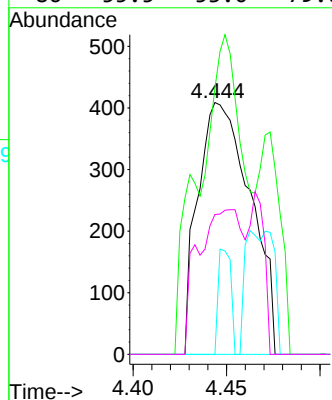


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 4.444 min Scan# 1027
Delta R.T. -0.010 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

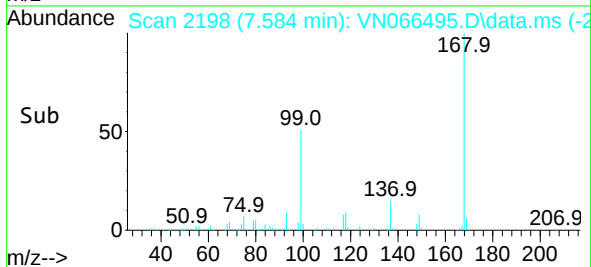
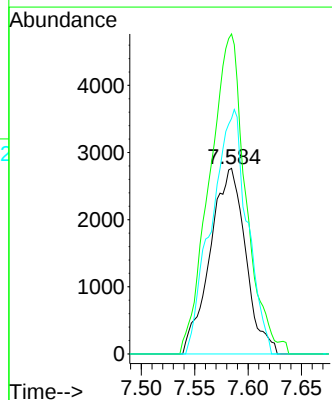
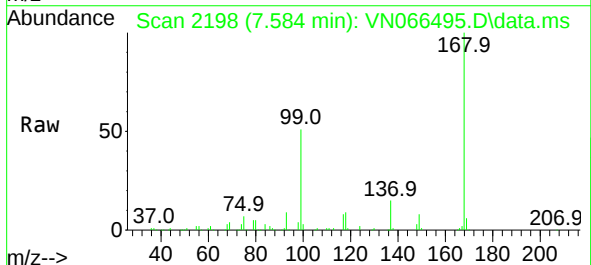


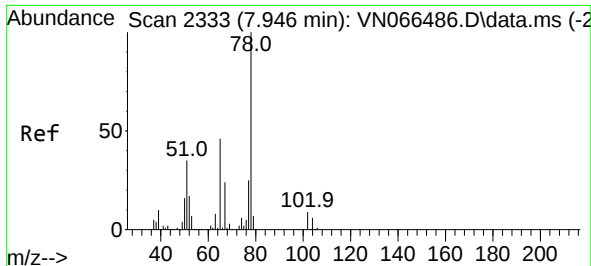
Tgt Ion: 84 Resp: 798
Ion Ratio Lower Upper
84 100
49 56.7 105.0 157.6#
51 0.0 31.6 47.4#
86 55.5 53.0 79.6



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.013 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Tgt Ion: 56 Resp: 6393
Ion Ratio Lower Upper
56 100
69 172.4 26.6 40.0#
84 126.9 68.7 103.1#

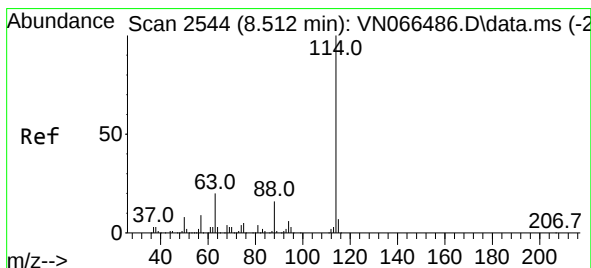
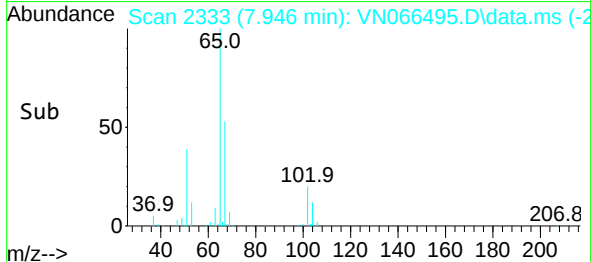
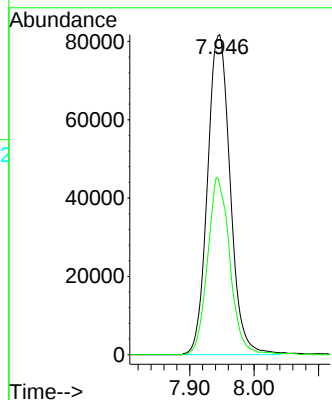
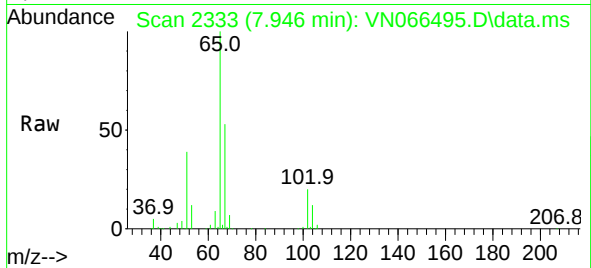




#33
 1,2-Dichloroethane-d4
 Concen: 47.48 ug/l
 RT: 7.946 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: VN066495.D
 Acq: 6 Apr 2021 16:34

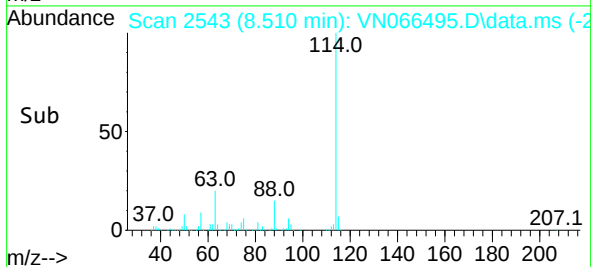
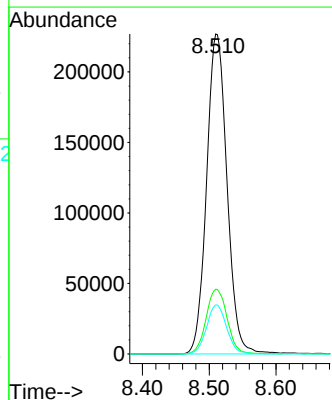
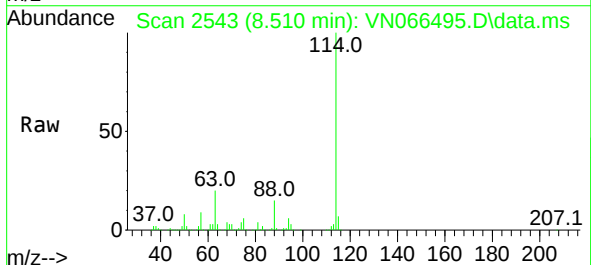
Instrument :
 MSVOA_N
 ClientSampled :

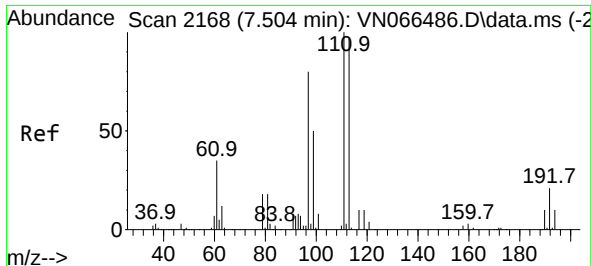
Tgt Ion: 65 Resp: 200295
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.510 min Scan# 2543
 Delta R.T. -0.002 min
 Lab File: VN066495.D
 Acq: 6 Apr 2021 16:34

Tgt Ion: 114 Resp: 481459
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.0
 88 15.3 0.0 31.0

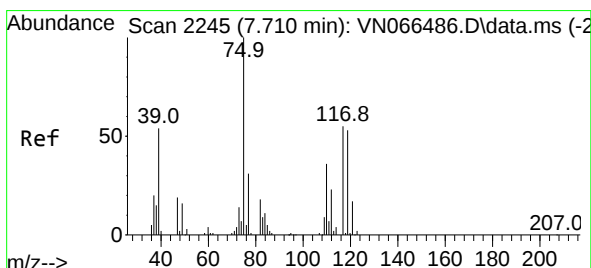
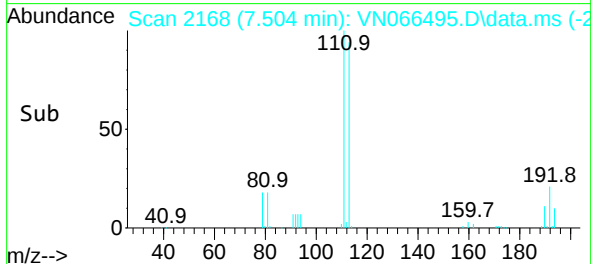
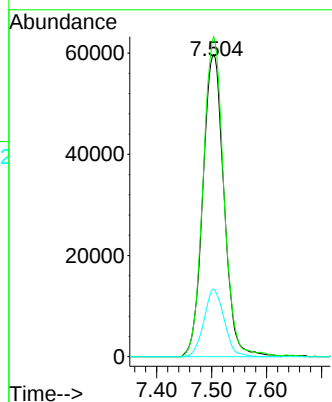
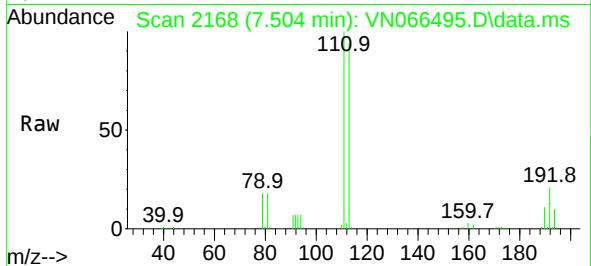




#35
Dibromofluoromethane
Concen: 48.54 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. -0.000 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

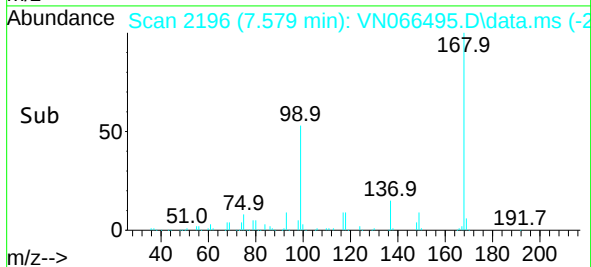
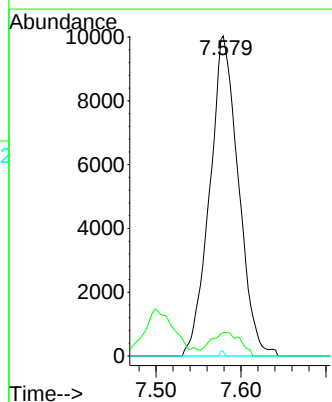
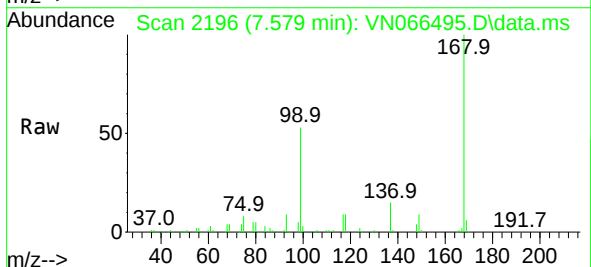
Instrument :
MSVOA_N
ClientSampled :

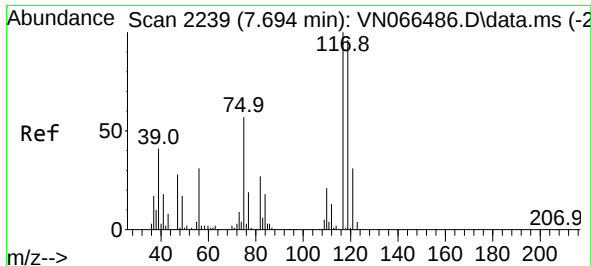
Tgt Ion:113 Resp: 159285
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 21.4 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.131 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

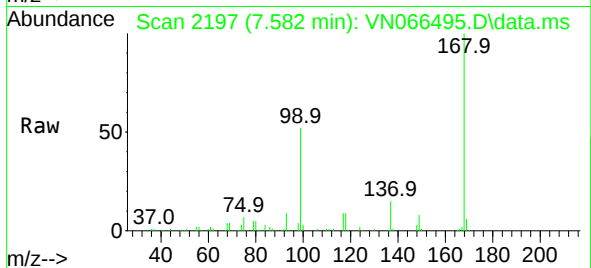
Tgt Ion: 75 Resp: 23580
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.3#
77 0.2 25.0 37.4#



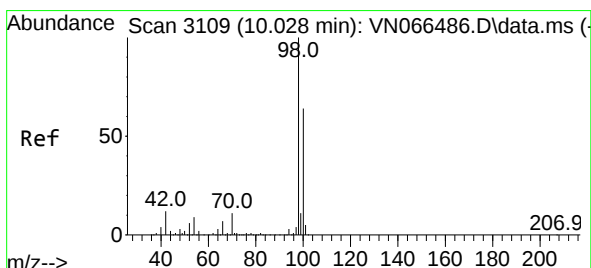
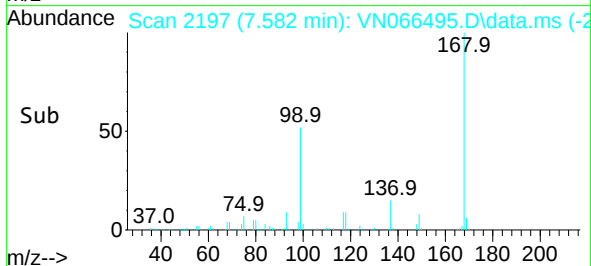
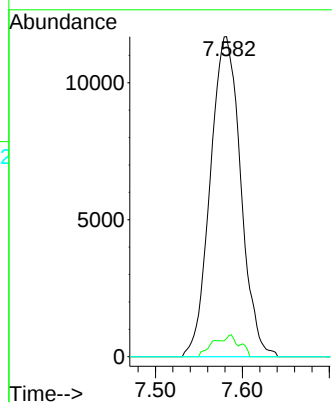


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.112 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

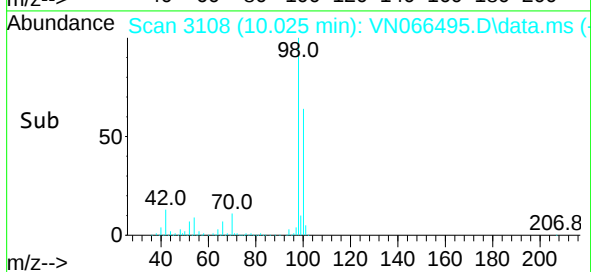
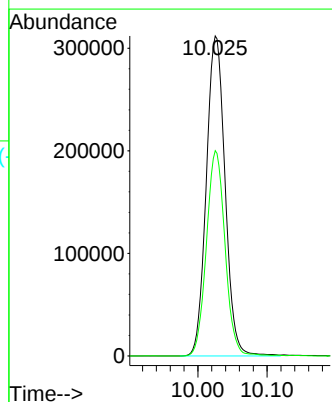
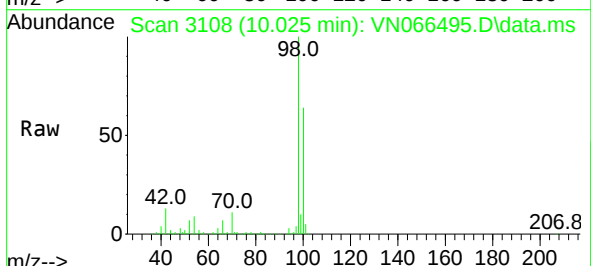


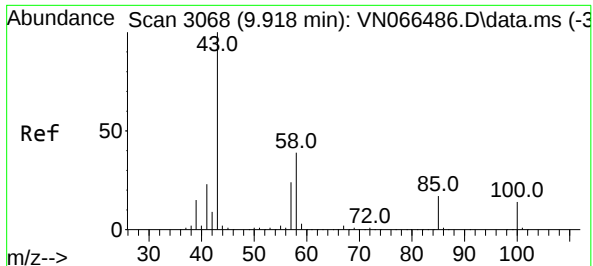
Tgt Ion:117 Resp: 28387
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.14 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Tgt Ion: 98 Resp: 587725
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

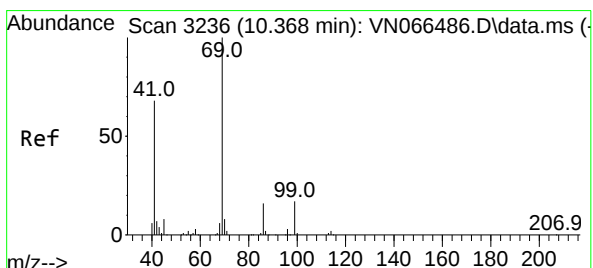
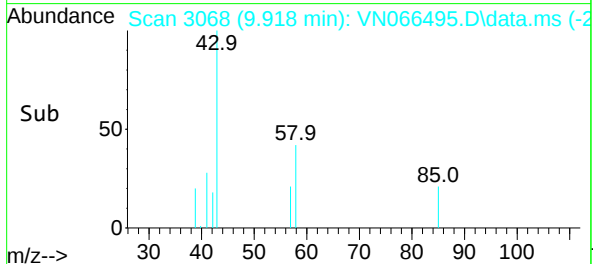
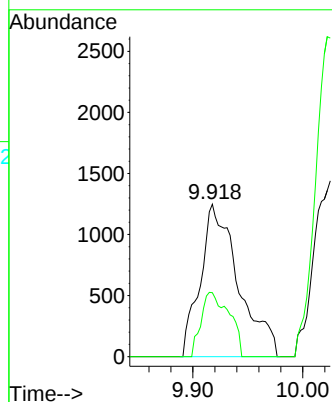
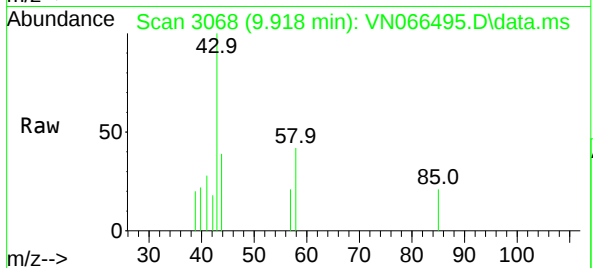




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

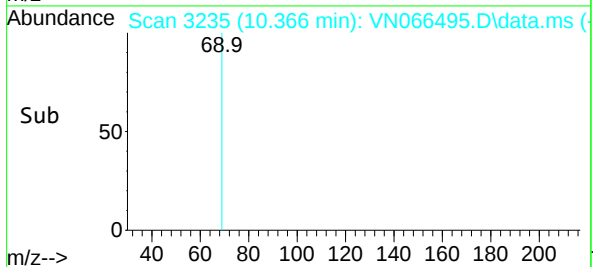
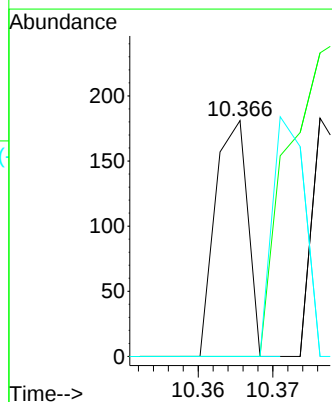
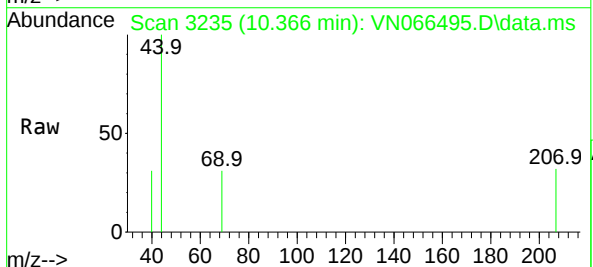
Instrument :
MSVOA_N
ClientSampled :

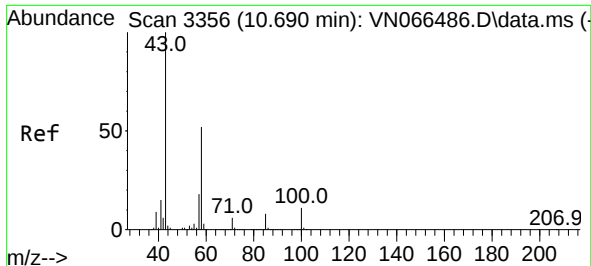
Tgt Ion: 43 Resp: 3013
Ion Ratio Lower Upper
43 100
58 30.9 30.8 46.2



#56
Ethyl methacrylate
Concen: 3.73 ug/l
RT: 10.366 min Scan# 3235
Delta R.T. -0.002 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

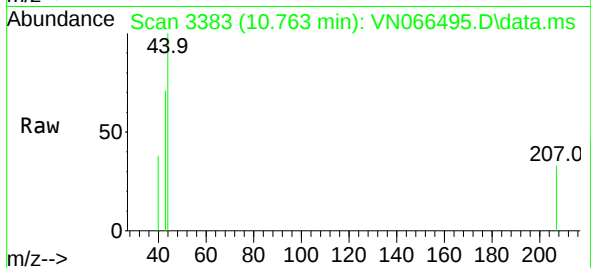
Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 0.0 55.3 82.9#
39 0.0 33.8 50.6#



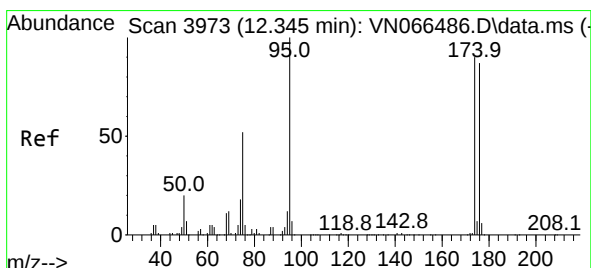
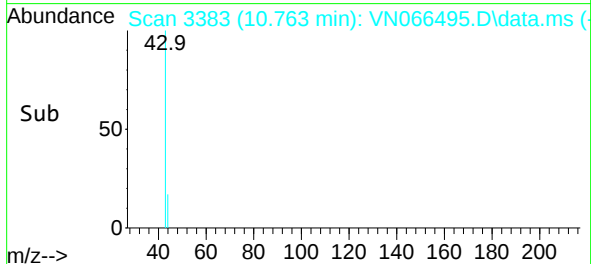
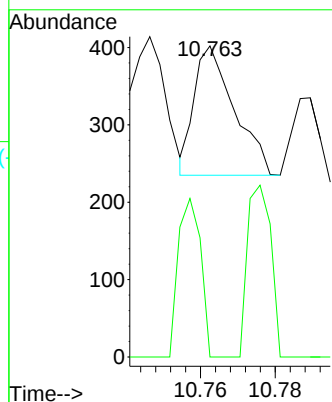


#59
2-Hexanone
Concen: 17.14 ug/l
RT: 10.763 min Scan# 3383
Delta R.T. 0.073 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

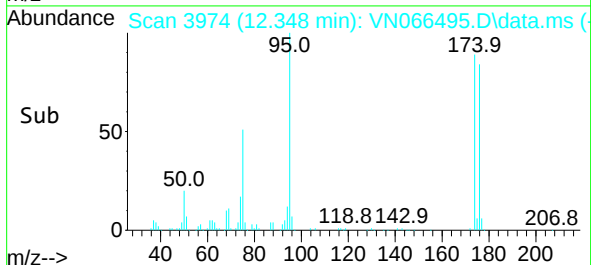
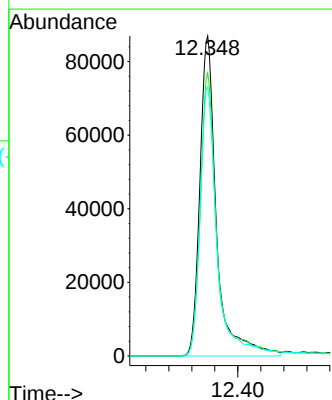
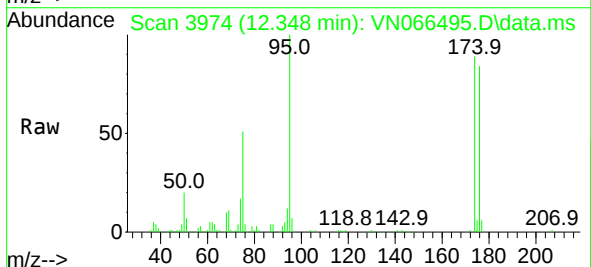


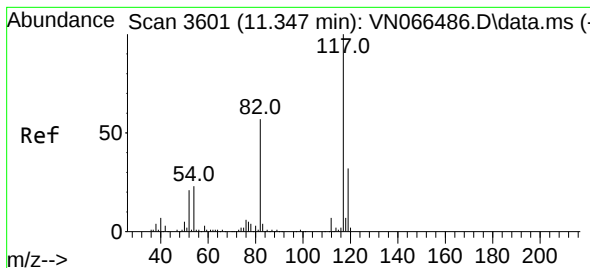
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 68.0 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 43.12 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Tgt Ion: 95 Resp: 174350
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.2
176 85.9 0.0 167.8

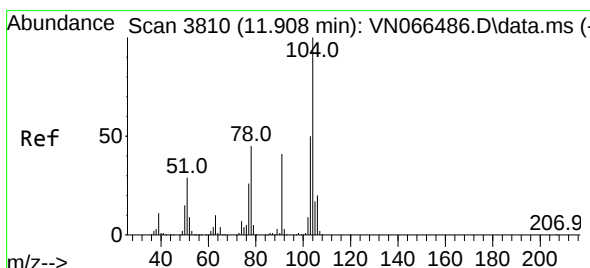
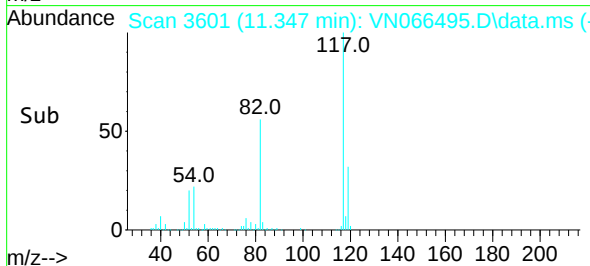
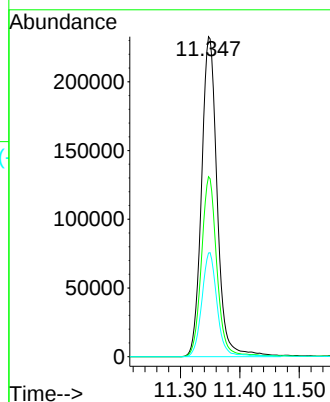
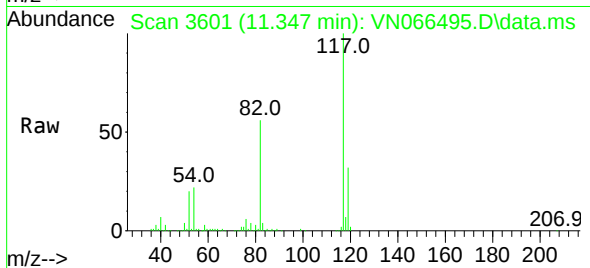




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

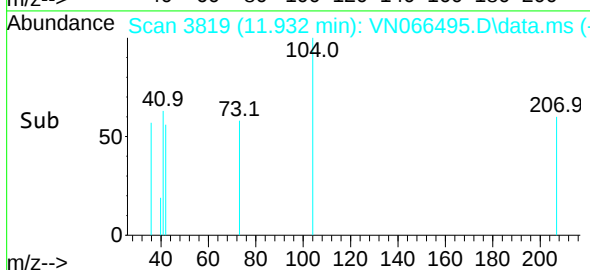
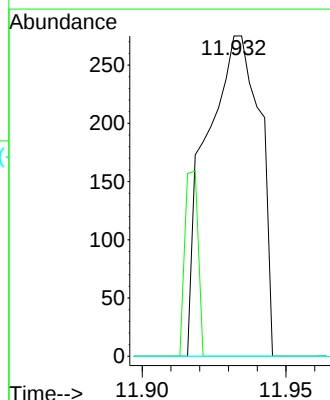
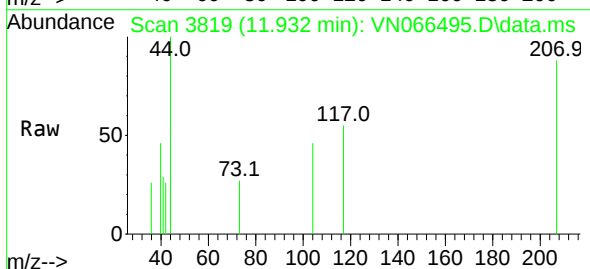
Instrument :
MSVOA_N
ClientSampled :

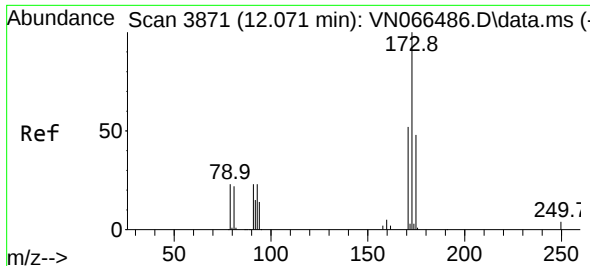
Tgt Ion:117 Resp: 427450
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 32.4 25.8 38.6



#70
Styrene
Concen: 2.81 ug/l
RT: 11.932 min Scan# 3819
Delta R.T. 0.024 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Tgt Ion:104 Resp: 355
Ion Ratio Lower Upper
104 100
78 14.4 40.7 61.1#
103 0.0 44.2 66.2#

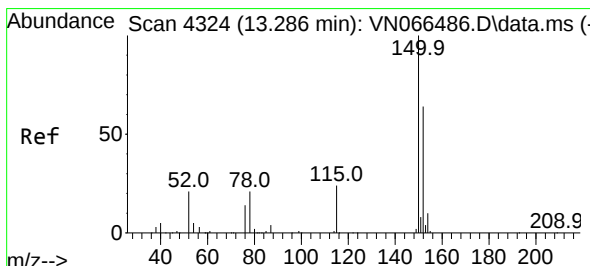
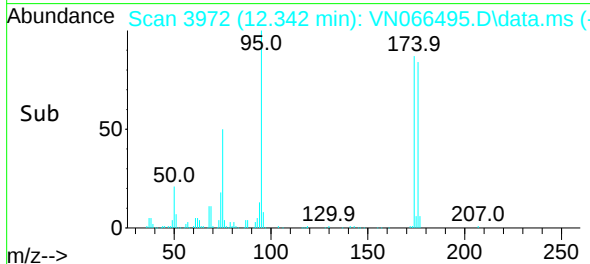
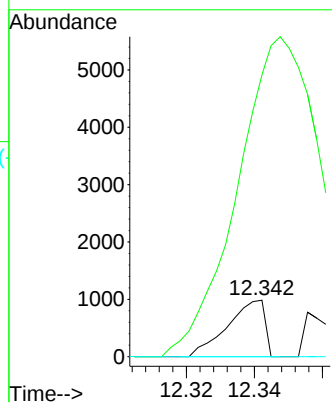
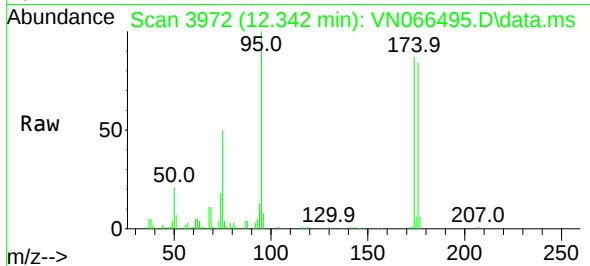




#71
Bromoform
Concen: 0.28 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. 0.271 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

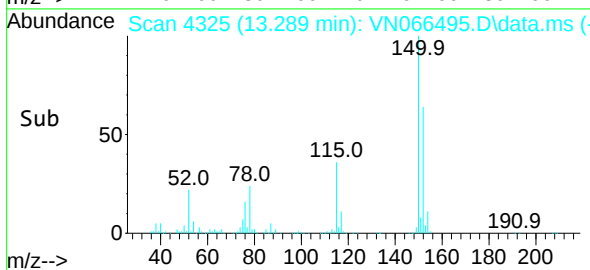
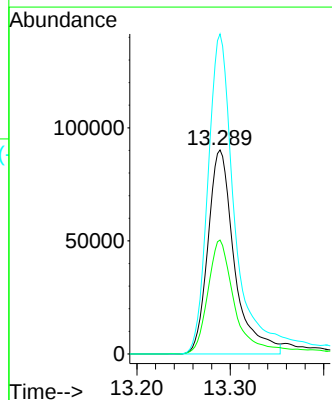
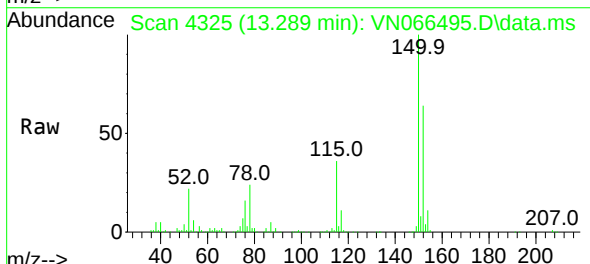
Instrument :
MSVOA_N
ClientSampleId :

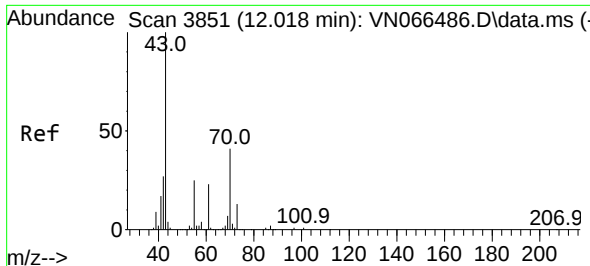
Tgt Ion:173 Resp: 755
Ion Ratio Lower Upper
173 100
175 1157.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

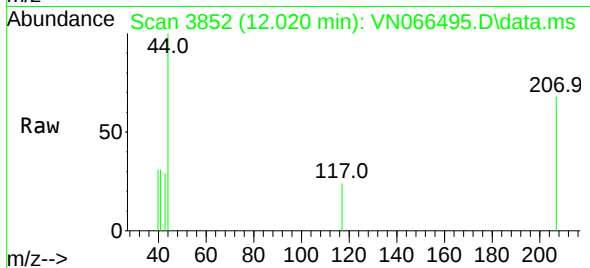
Tgt Ion:152 Resp: 178429
Ion Ratio Lower Upper
152 100
115 57.9 27.8 83.4
150 163.4 0.0 348.4



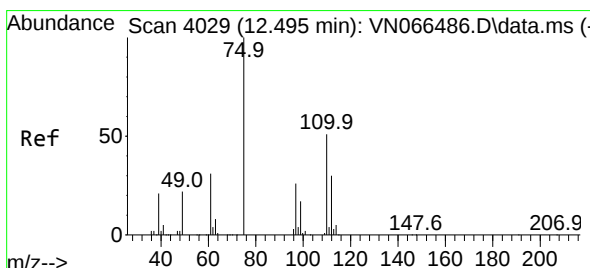
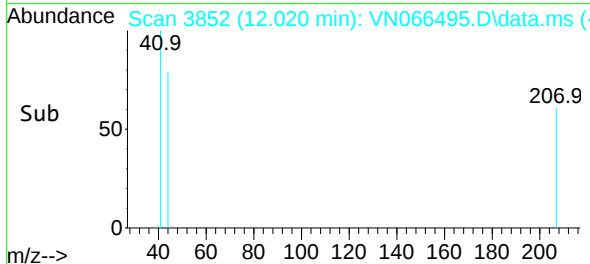
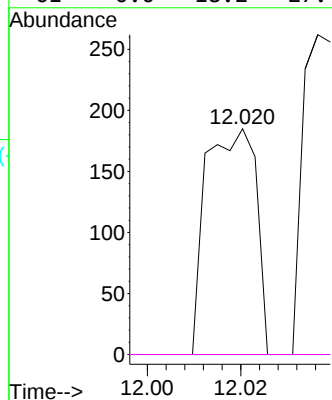


#74
N-amy1 acetate
Concen: 12.75 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.002 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

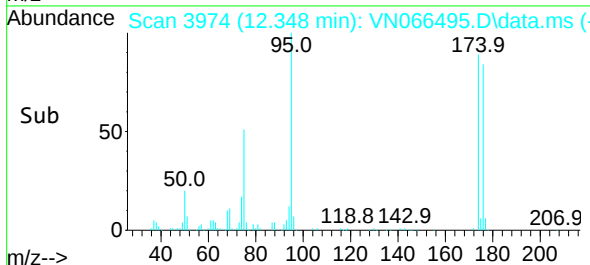
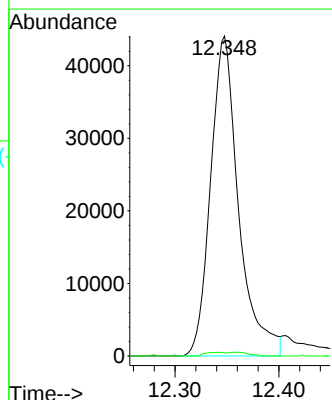
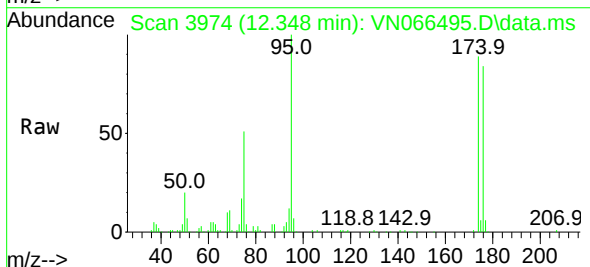


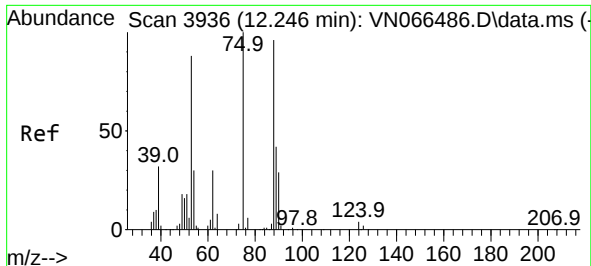
Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#



#76
1,2,3-Trichloropropane
Concen: 20.55 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.147 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

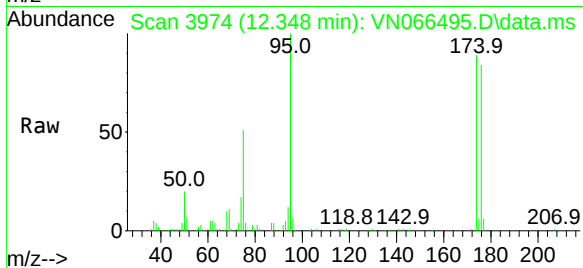
Tgt Ion: 75 Resp: 82726
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



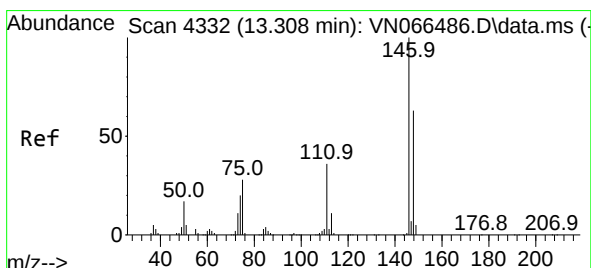
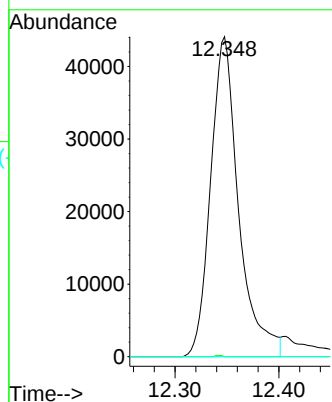
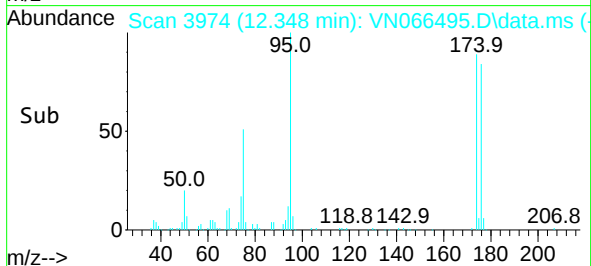


#81
trans-1,4-Dichloro-2-butene
Concen: 57.56 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

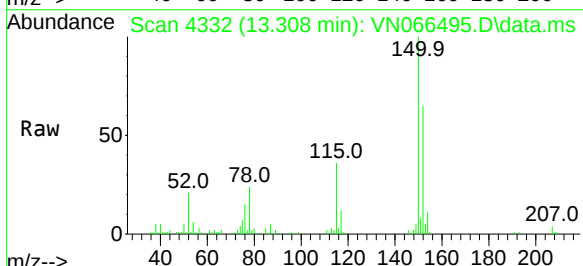
Instrument :
MSVOA_N
ClientSampled :



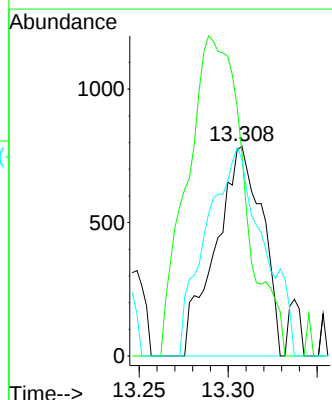
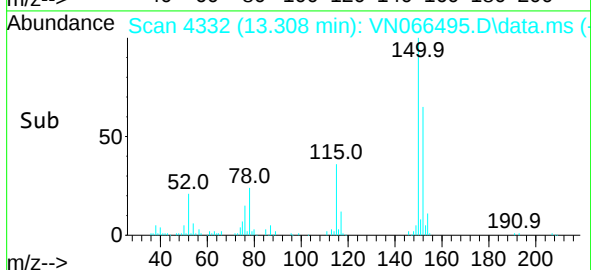
Tgt Ion: 75 Resp: 82726
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#

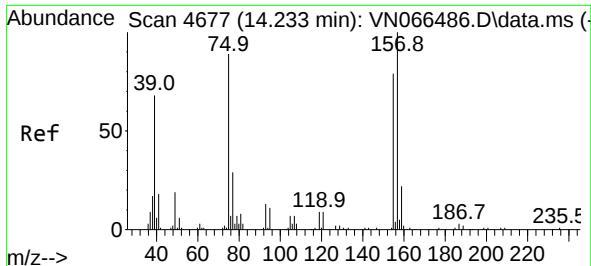


#88
1,4-Dichlorobenzene
Concen: 1.23 ug/l
RT: 13.308 min Scan# 4332
Delta R.T. -0.000 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34



Tgt Ion: 146 Resp: 1424
Ion Ratio Lower Upper
146 100
111 188.5 18.3 54.9#
148 121.3 31.9 95.9#

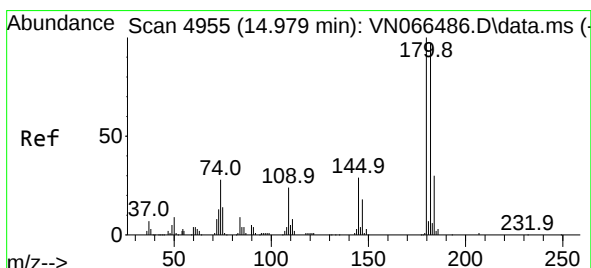
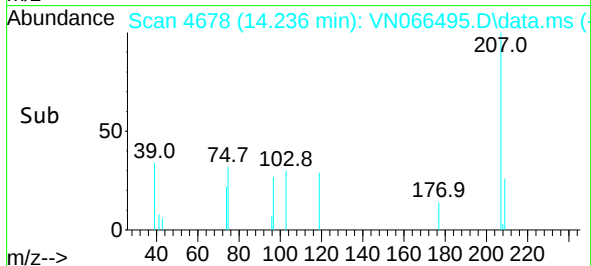
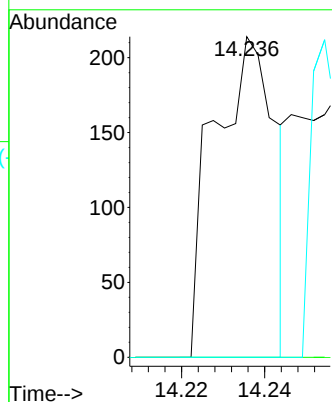
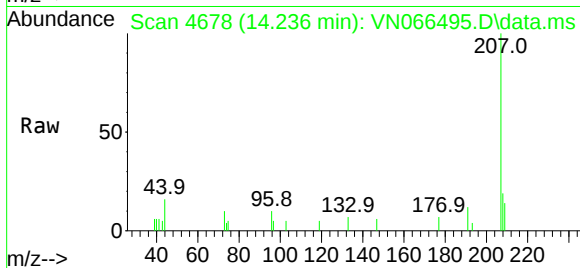




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.57 ug/l
RT: 14.236 min Scan# 4678
Delta R.T. 0.003 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

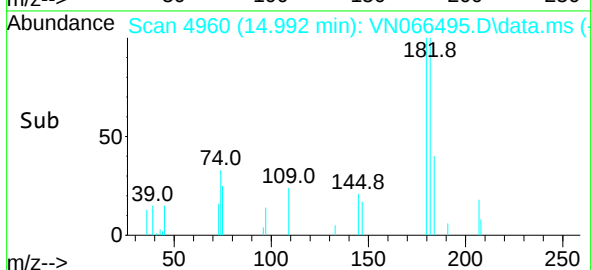
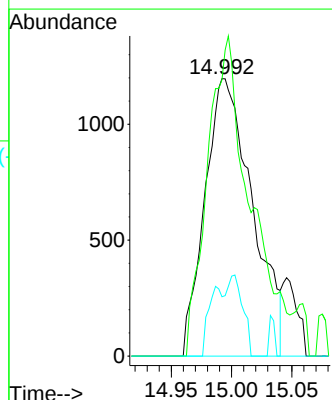
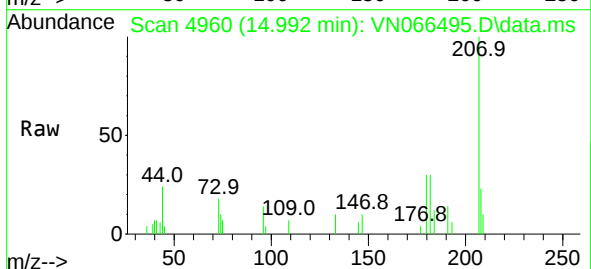
Instrument :
MSVOA_N
ClientSampled :

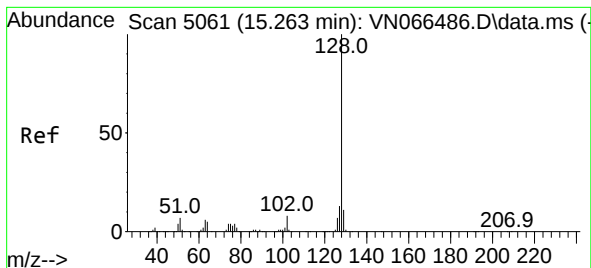
Tgt Ion: 75 Resp: 218
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 42.2 57.6 172.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.10 ug/l
RT: 14.992 min Scan# 4960
Delta R.T. 0.013 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Tgt Ion:180 Resp: 3267
Ion Ratio Lower Upper
180 100
182 104.4 47.4 142.3
145 9.2 14.2 42.8#

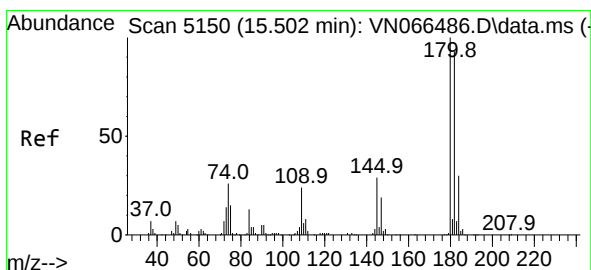
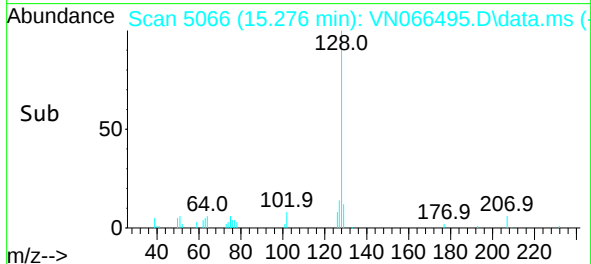
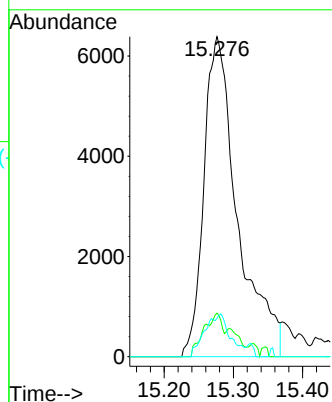
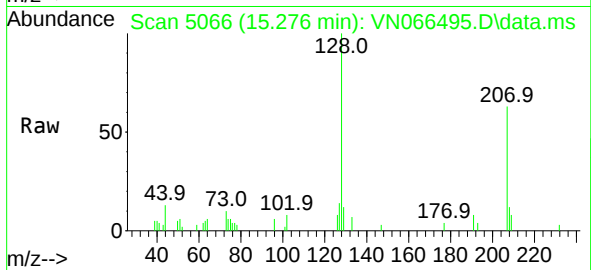




#95
Naphthalene
Concen: 3.95 ug/l
RT: 15.276 min Scan# 5066
Delta R.T. 0.013 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 21524
Ion Ratio Lower Upper
128 100
127 7.5 10.5 15.7#
129 4.6 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 2.73 ug/l
RT: 15.507 min Scan# 5152
Delta R.T. 0.005 min
Lab File: VN066495.D
Acq: 6 Apr 2021 16:34

Tgt Ion:180 Resp: 4086
Ion Ratio Lower Upper
180 100
182 78.4 47.6 142.9
145 6.0 15.4 46.1#

