

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040921\
 Data File : VN066554.D
 Acq On : 9 Apr 2021 11:22
 Operator : JC/MD
 Sample : VN0409WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0409WBL01

Quant Time: Apr 09 13:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

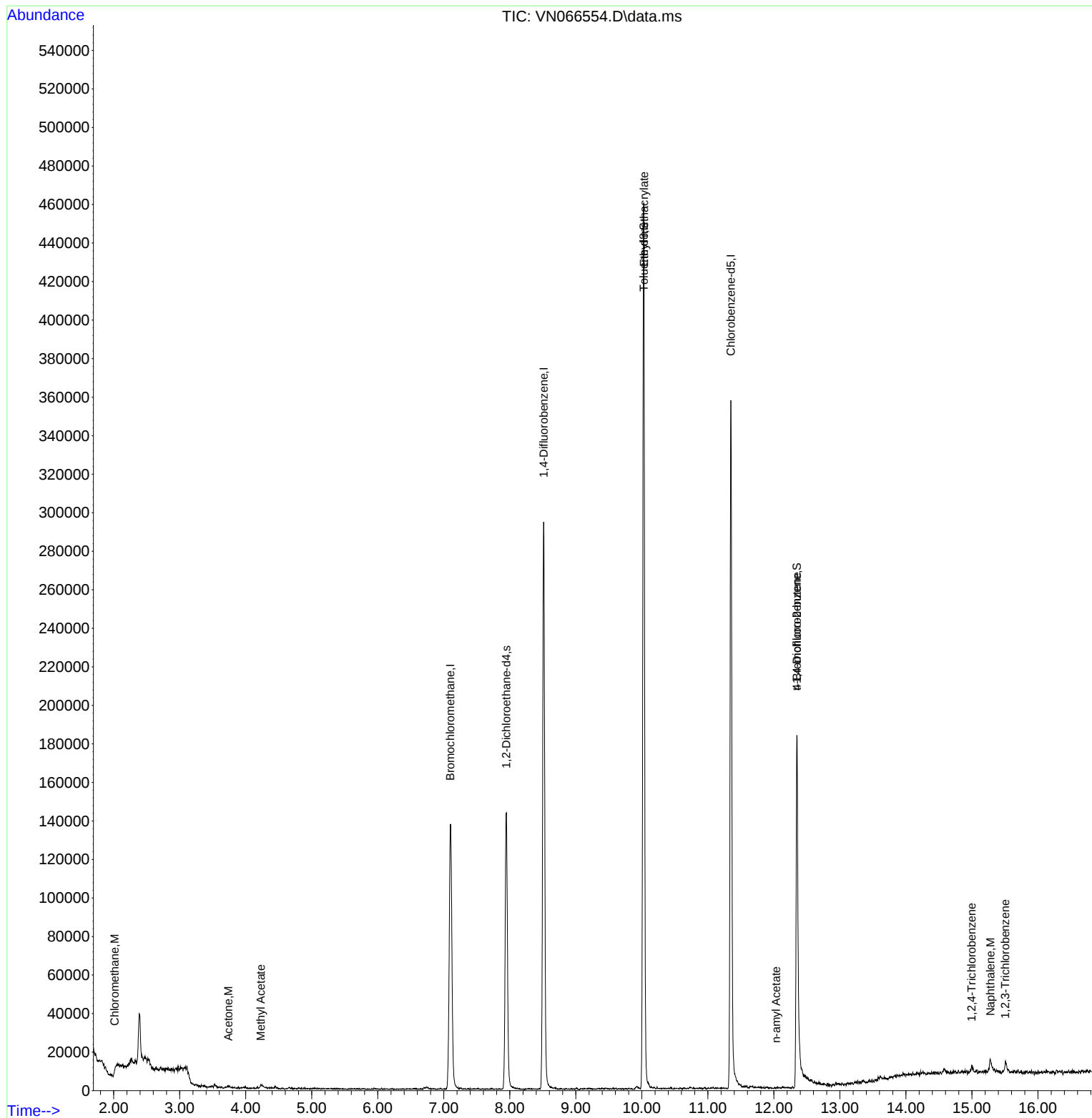
Internal Standards						
1) Bromochloromethane	7.099	128	53897	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.513	114	253652	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	209881	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	123222	29.74	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.13%		
60) 4-Bromofluorobenzene	12.348	95	69837	21.32	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	71.07%		
63) Toluene-d8	10.028	98	316847	32.17	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	107.23%		
Target Compounds						Qvalue
3) Chloromethane	2.014	50	840	0.22	ug/l	95
12) Methyl Acetate	4.227	43	1361	0.32	ug/l #	76
13) Acrolein	3.524	56	632	Below Cal		94
15) Acetone	3.736	58	123	0.24	ug/l #	1
47) n-amyl Acetate	12.034	43	108	6.16	ug/l #	54
51) Ethyl methacrylate	10.033	69	915	0.20	ug/l	83
77) t-1,4-Dichloro-2-butene	12.348	75	36219	29.90	ug/l #	10
89) 1,2,4-Trichlorobenzene	14.995	180	908	0.29	ug/l #	45
91) Naphthalene	15.279	128	9738	1.04	ug/l #	84
92) 1,2,3-Trichlorobenzene	15.504	180	2425	0.80	ug/l	86

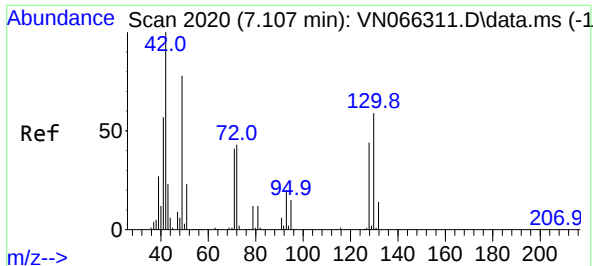
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN066554.D
Acq On : 9 Apr 2021 11:22
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Sample : VN0409WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

Quant Time: Apr 09 13:59:37 2021
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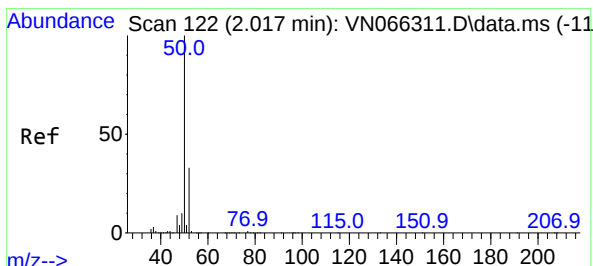
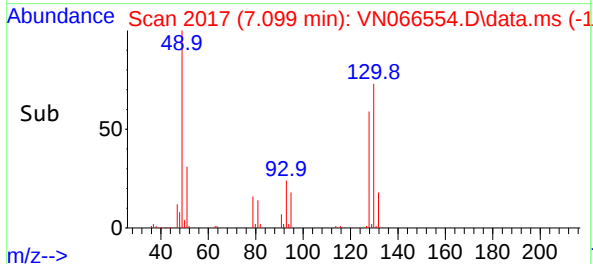
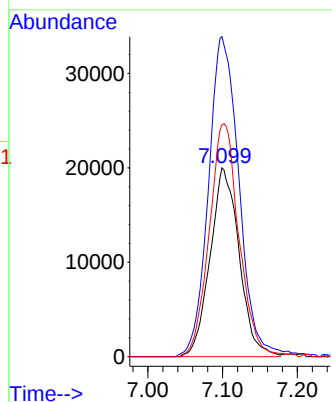
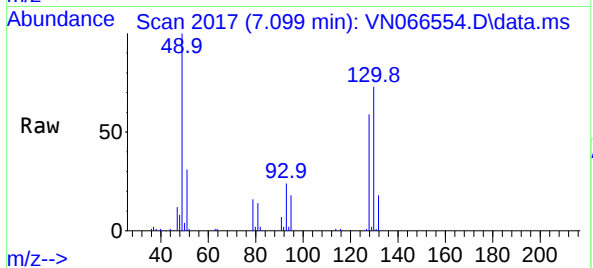




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.099 min Scan# 2017
Delta R.T. -0.008 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

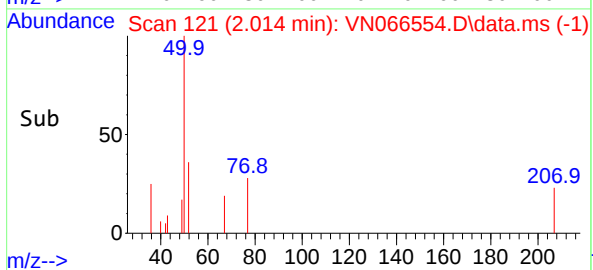
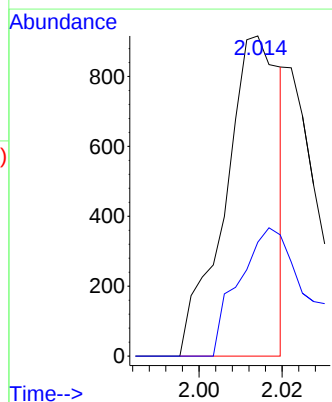
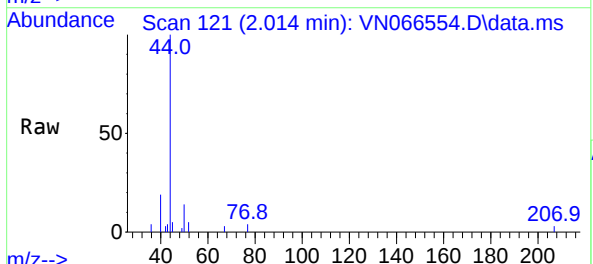
Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

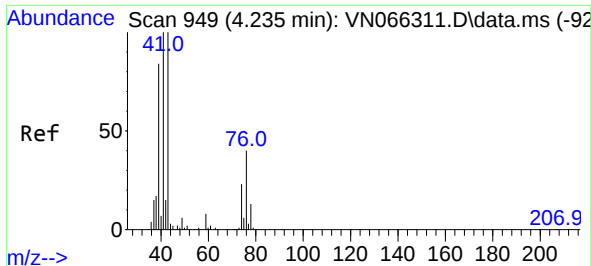
Tgt Ion:128 Resp: 53897
Ion Ratio Lower Upper
128 100
49 177.6 0.0 429.3
130 126.5 0.0 328.5



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.014 min Scan# 121
Delta R.T. -0.003 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 50 Resp: 840
Ion Ratio Lower Upper
50 100
52 35.6 26.2 39.4

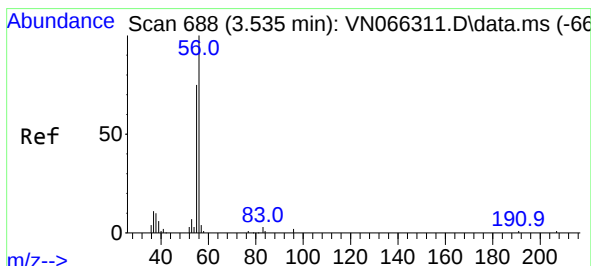
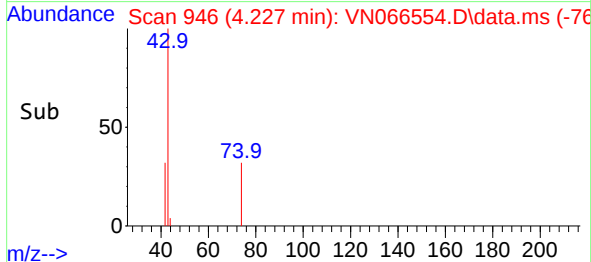
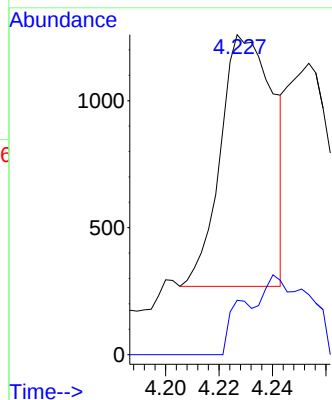
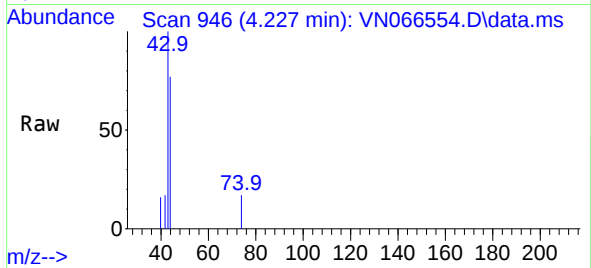




#12
Methyl Acetate
Concen: 0.32 ug/l
RT: 4.227 min Scan# 946
Delta R.T. -0.008 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

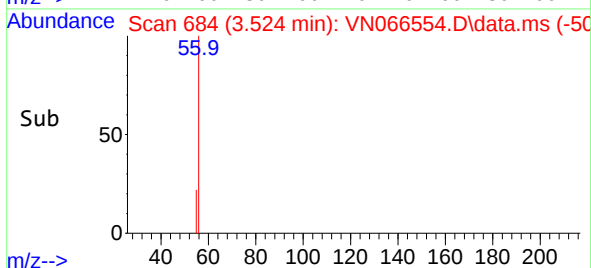
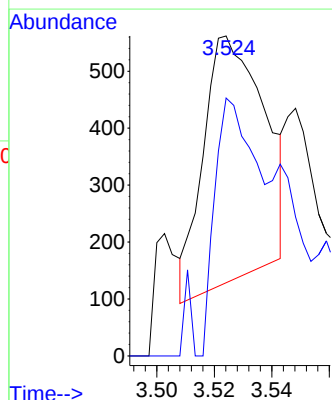
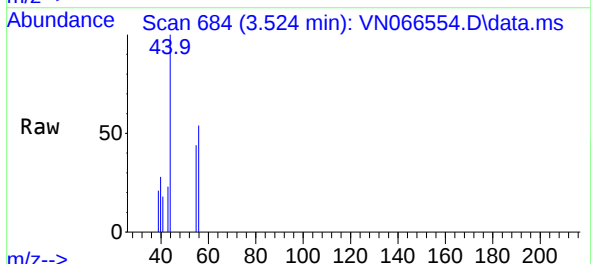
Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

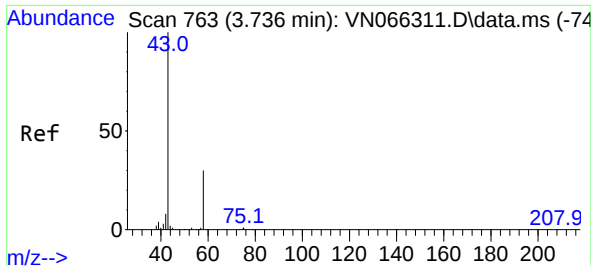
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
74 11.0 18.0 27.0#



#13
Acrolein
Concen: Below Cal
RT: 3.524 min Scan# 684
Delta R.T. -0.011 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 56 Resp: 632
Ion Ratio Lower Upper
56 100
55 72.6 54.1 81.1

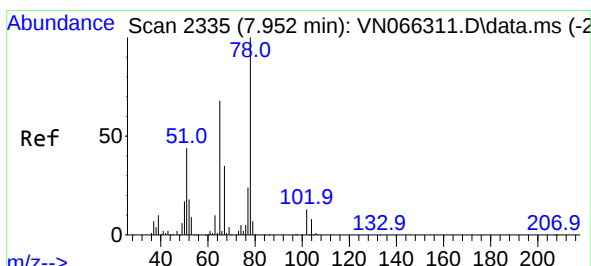
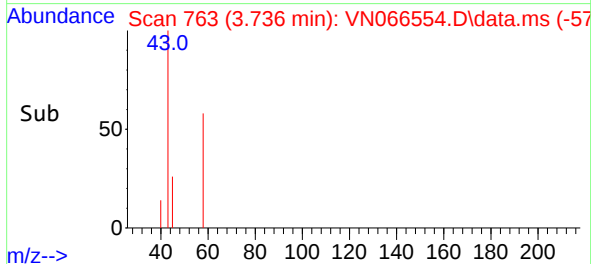
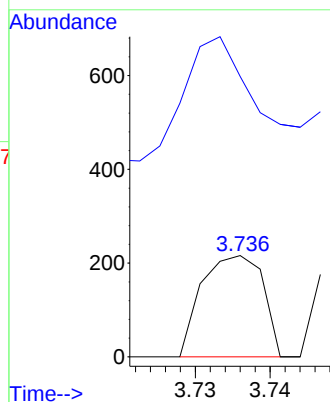
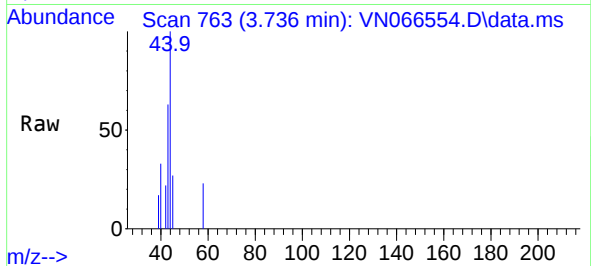




#15
Acetone
Concen: 0.24 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

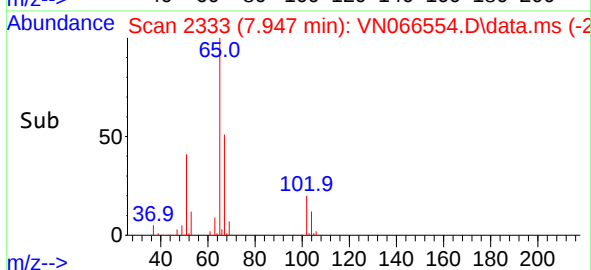
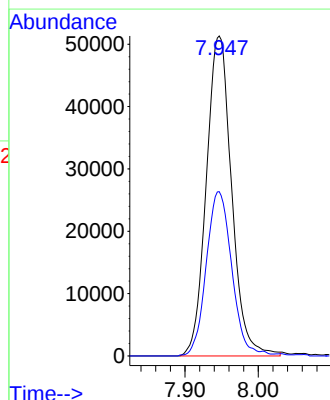
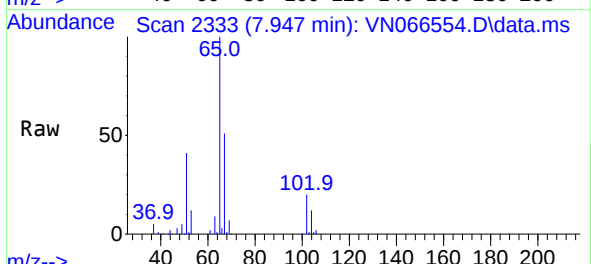
Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

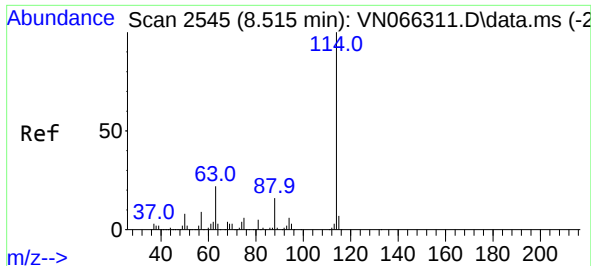
Tgt Ion: 58 Resp: 123
Ion Ratio Lower Upper
58 100
43 47.2 267.3 400.9#



#27
1,2-Dichloroethane-d4
Concen: 29.74 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 65 Resp: 123222
Ion Ratio Lower Upper
65 100
67 50.4 42.2 63.4



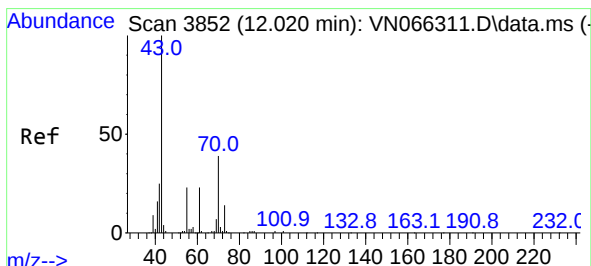
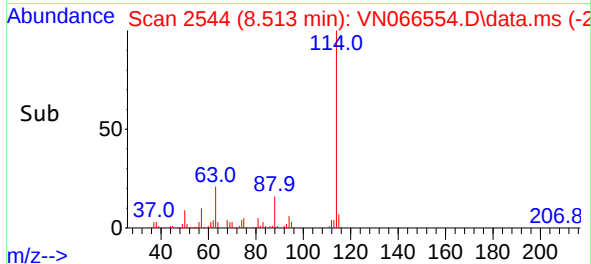
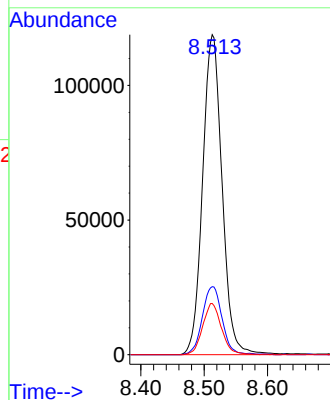
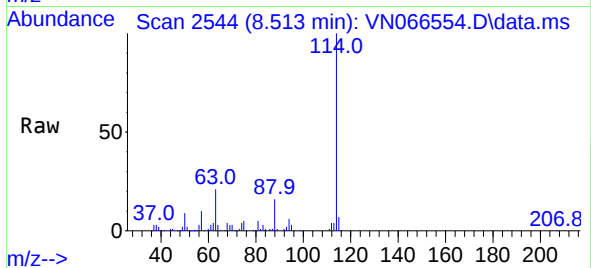


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

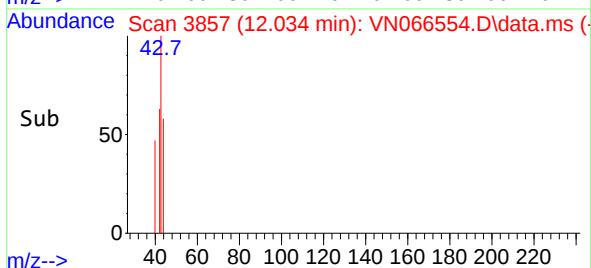
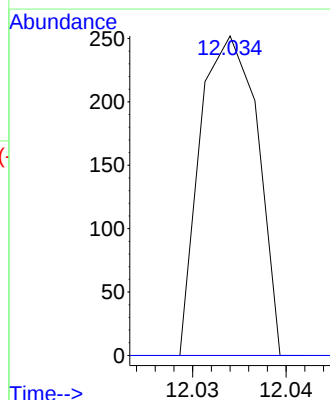
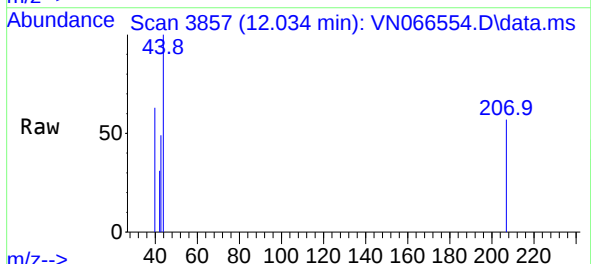
Tgt Ion:114 Resp: 253652
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.0
88 15.5 12.6 19.0

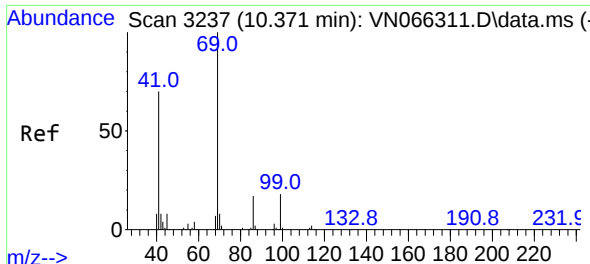


#47

n-amy1 Acetate
Concen: 6.16 ug/l
RT: 12.034 min Scan# 3857
Delta R.T. 0.014 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
55 0.0 17.7 26.5#



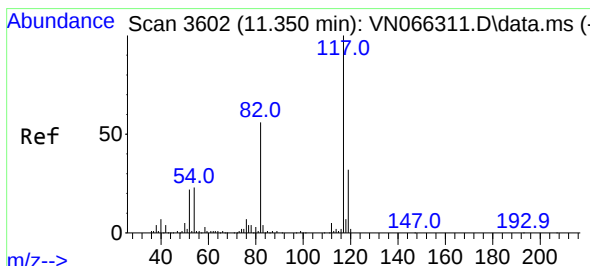
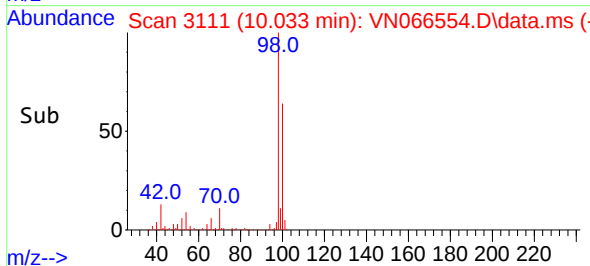
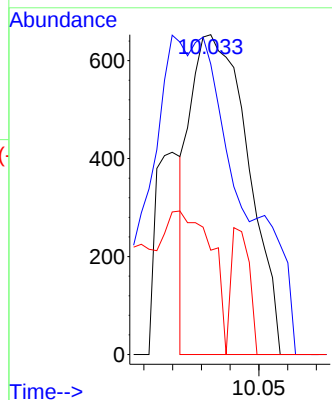
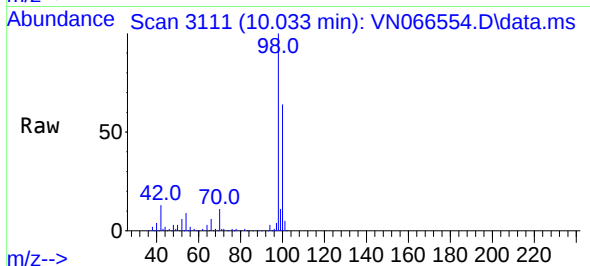


#51
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 10.033 min Scan# 3111
Delta R.T. -0.338 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

Tgt Ion: 69 Resp: 915

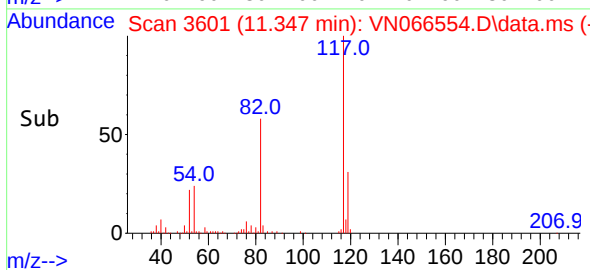
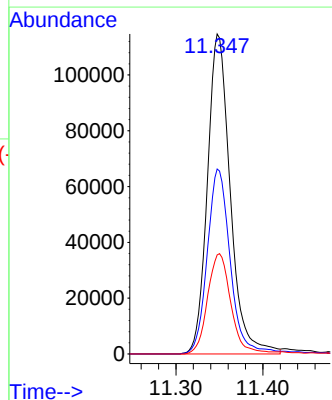
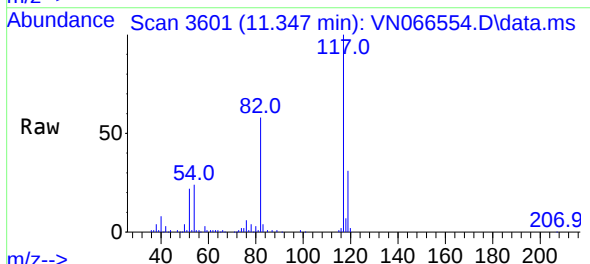
Ion	Ratio	Lower	Upper
69	100		
41	56.5	34.8	104.5
39	32.6	22.5	67.5

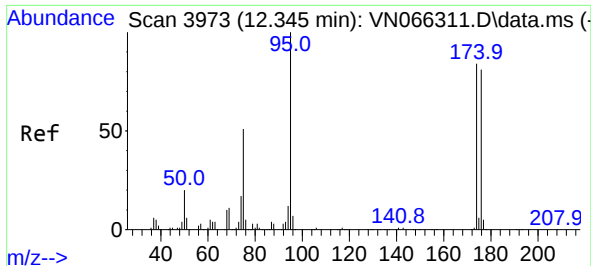


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 117 Resp: 209881

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.0	67.6
119	31.8	25.5	38.3

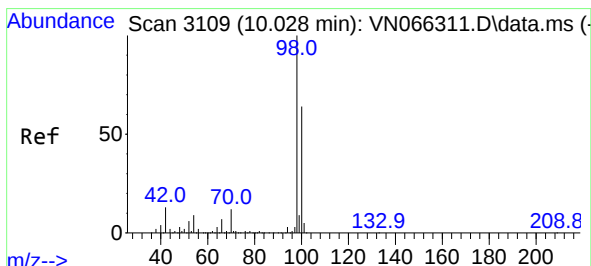
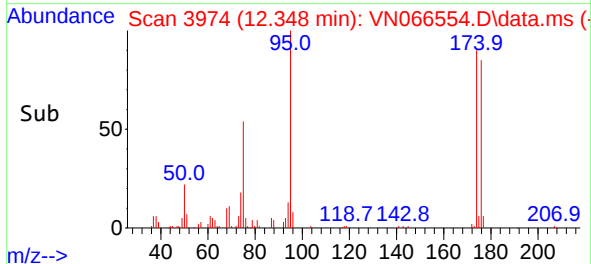
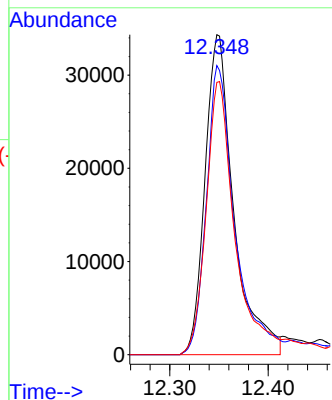
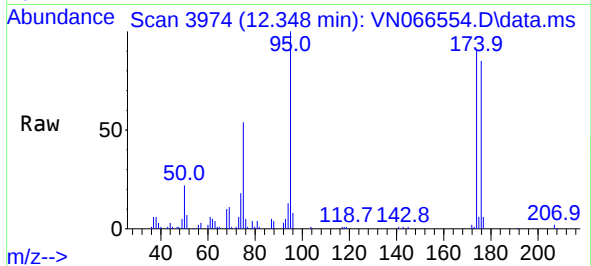




#60
4-Bromofluorobenzene
Concen: 21.32 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

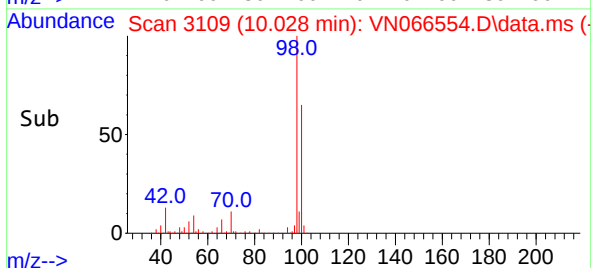
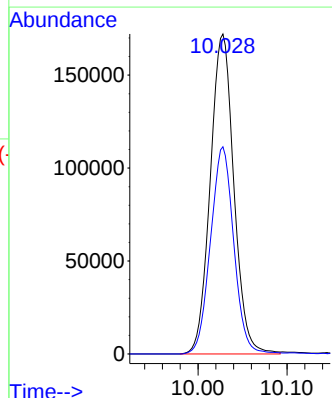
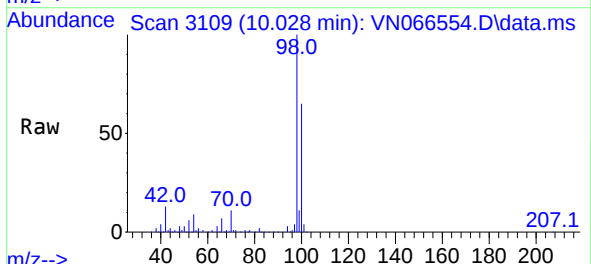
Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

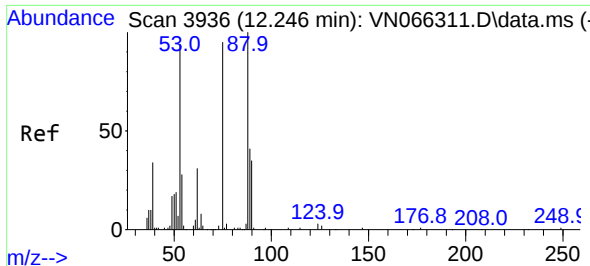
Tgt Ion: 95 Resp: 69837
Ion Ratio Lower Upper
95 100
174 89.8 68.1 102.1
176 84.8 65.4 98.0



#63
Toluene-d8
Concen: 32.17 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

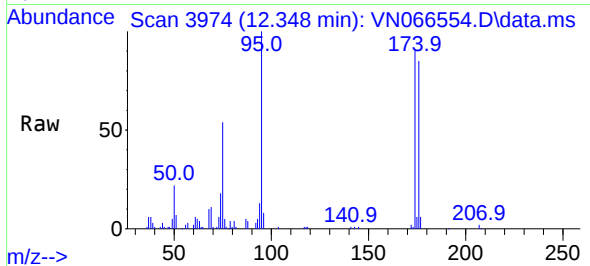
Tgt Ion: 98 Resp: 316847
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



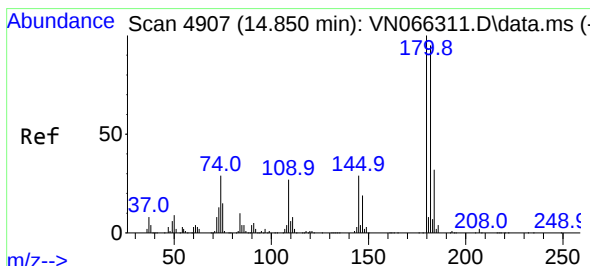
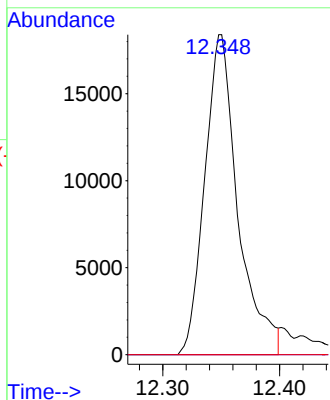
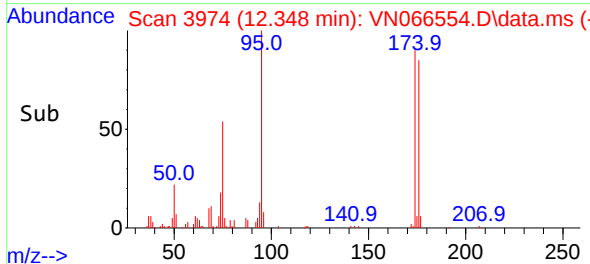


#77
t-1,4-Dichloro-2-butene
Concen: 29.90 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

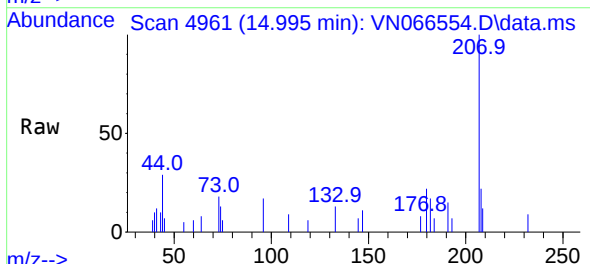
Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01



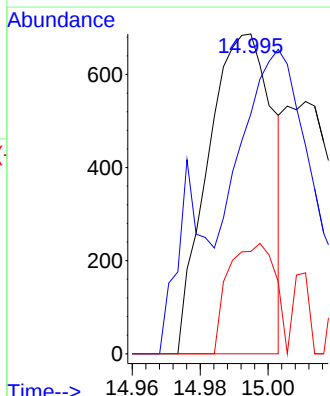
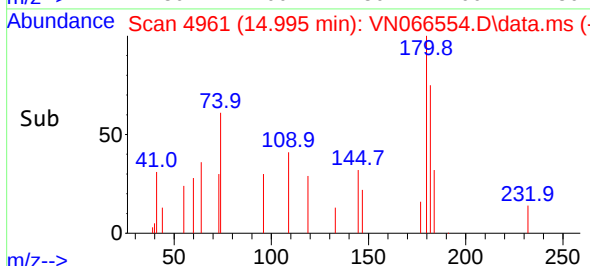
Tgt Ion: 75 Resp: 36219
Ion Ratio Lower Upper
75 100
53 0.0 49.6 149.0#
89 0.0 22.9 68.7#

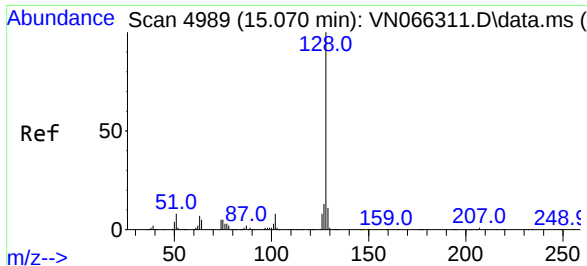


#89
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 14.995 min Scan# 4961
Delta R.T. 0.145 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22



Tgt Ion:180 Resp: 908
Ion Ratio Lower Upper
180 100
182 26.2 74.3 111.5#
145 24.8 23.4 35.0



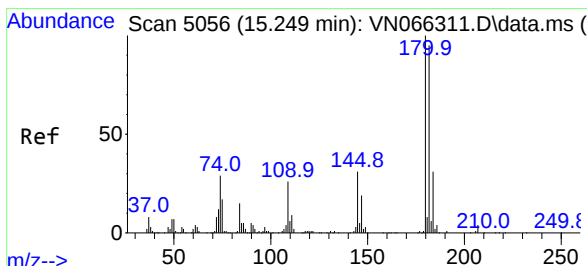
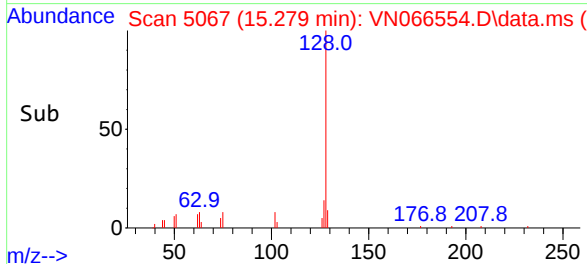
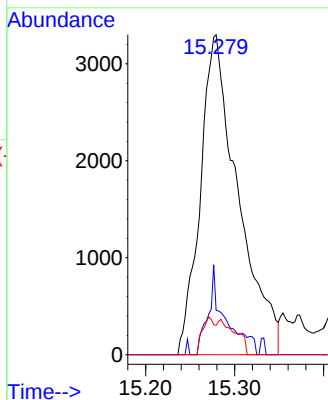
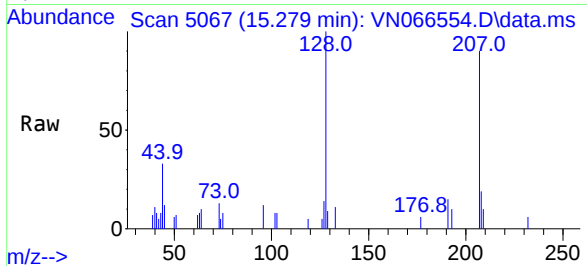


#91
Naphthalene
Concen: 1.04 ug/l
RT: 15.279 min Scan# 5067
Delta R.T. 0.209 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

Tgt Ion:128 Resp: 9738

Ion	Ratio	Lower	Upper
128	100		
127	6.3	10.2	15.2#
129	5.2	8.6	13.0#



#92
1,2,3-Trichlorobenzene
Concen: 0.80 ug/l
RT: 15.504 min Scan# 5151
Delta R.T. 0.255 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion:180 Resp: 2425

Ion	Ratio	Lower	Upper
180	100		
182	99.7	0.0	190.0
145	8.2	0.0	60.8

