

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066409.D
 Acq On : 30 Mar 2021 4:42
 Operator : JC/MD
 Sample : M1832-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

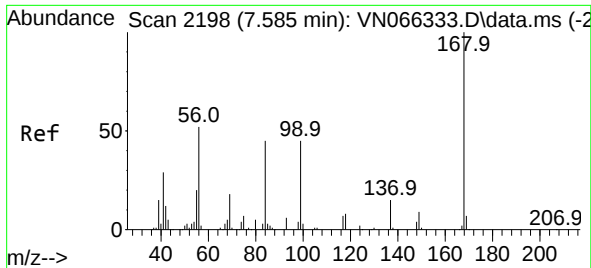
Instrument :
 MSVOA_N
 ClientSampleId :
 IG001

Quant Time: Mar 30 07:10:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	402859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	613175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	531737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	207311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	279519	52.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.38%			
35) Dibromofluoromethane	7.507	113	219033	53.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.76%			
50) Toluene-d8	10.028	98	832549	54.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.00%			
62) 4-Bromofluorobenzene	12.345	95	237583	44.36	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.72%			
Target Compounds					Qvalue	
3) Chloromethane	2.017	50	2773	Below Cal		99
13) Acrolein	3.524	56	3273	Below Cal		88
16) Acetone	3.736	43	227824	78.74	ug/l	99
18) Methyl Acetate	4.235	43	9488	1.26	ug/l #	88
20) Methylene Chloride	4.452	84	30741	4.83	ug/l	98
25) 2-Butanone	6.748	43	14676	4.64	ug/l	98
29) Tetrahydrofuran	7.139	42	2015	0.98	ug/l #	63
31) Cyclohexane	7.582	56	8804	1.19	ug/l #	1
36) 1,1-Dichloropropene	7.584	75	30305	5.26	ug/l #	48
37) Ethyl Acetate	6.748	43	14676	2.31	ug/l #	69
38) Carbon Tetrachloride	7.582	117	36083	6.23	ug/l #	16
43) Isopropyl Acetate	8.091	43	16920	1.56	ug/l	95
48) Methyl methacrylate	9.110	41	6616	1.28	ug/l #	19
49) 1,4-Dioxane	9.145	88	59	0.91	ug/l #	23
51) 4-Methyl-2-Pentanone	9.920	43	7157	1.13	ug/l	88
54) cis-1,3-Dichloropropene	9.843	75	31476	4.30	ug/l #	61
57) 1,3-Dichloropropane	10.709	76	6309	0.89	ug/l #	42
59) 2-Hexanone	10.706	43	90706	20.44	ug/l #	53
74) N-amyl acetate	12.023	43	124	3.21	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	124125	27.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	124125	82.06	ug/l #	12
95) Naphthalene	15.083	128	337	1.07	ug/l #	69

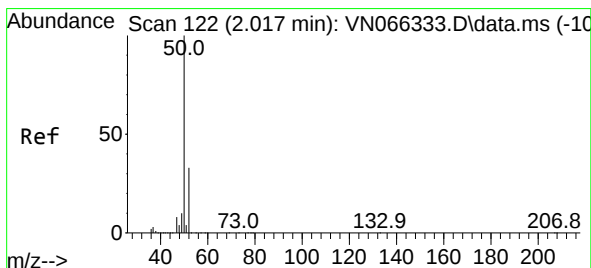
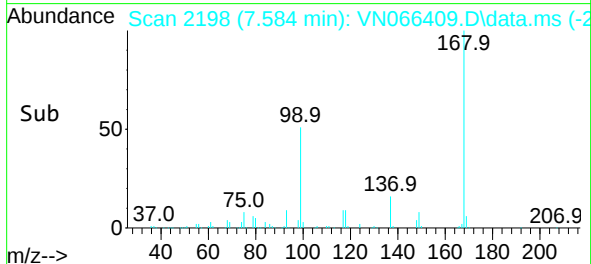
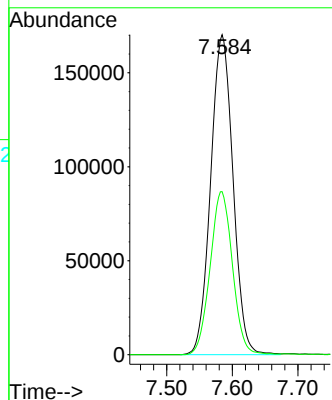
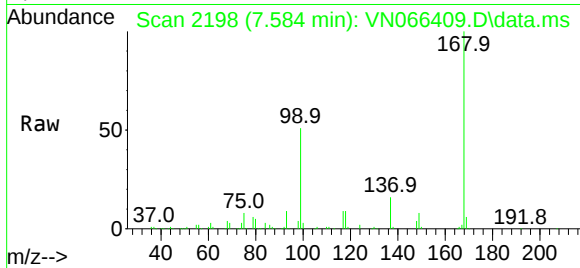
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

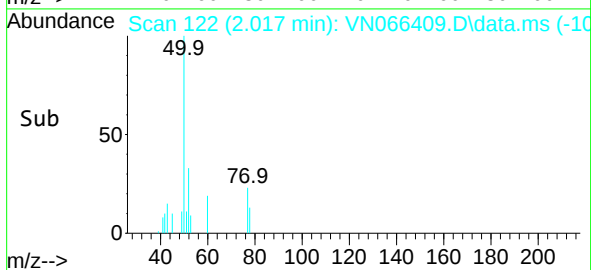
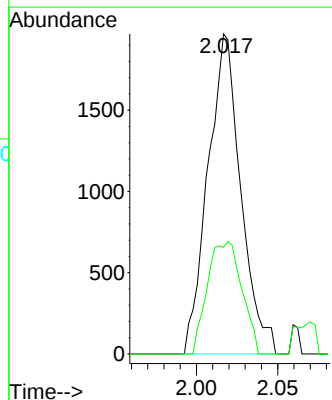
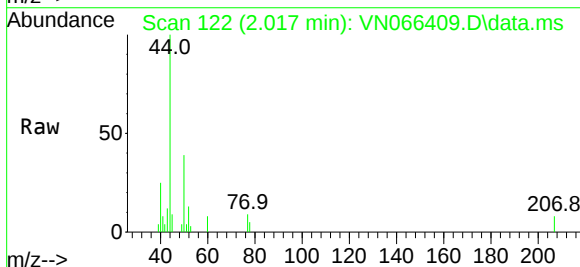
Instrument :
MSVOA_N
ClientSampleId :
IG001

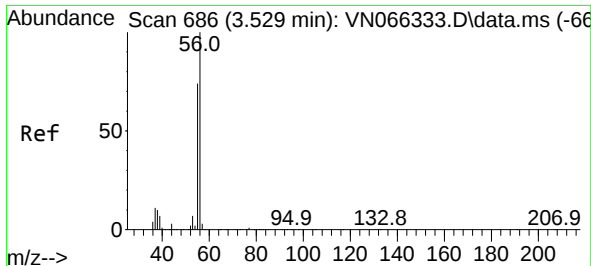
Tgt Ion:168 Resp: 402859
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 50 Resp: 2773
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2

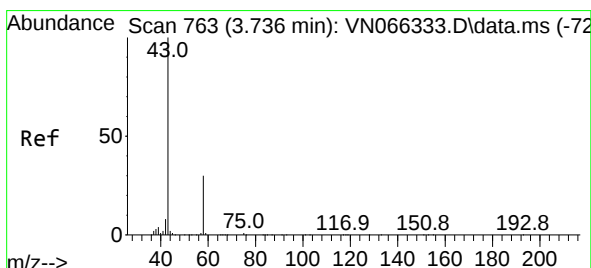
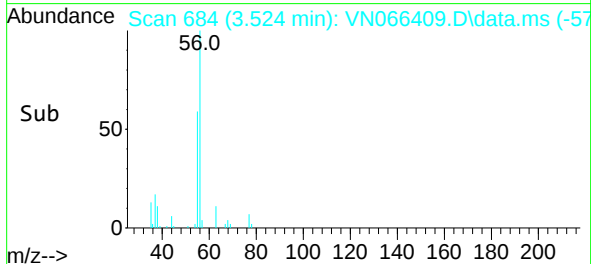
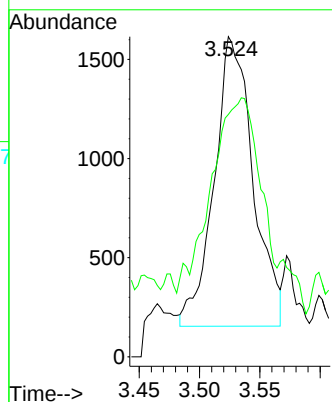
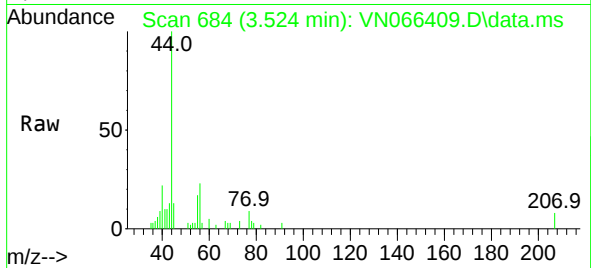




#13
Acrolein
Concen: Below Cal
RT: 3.524 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

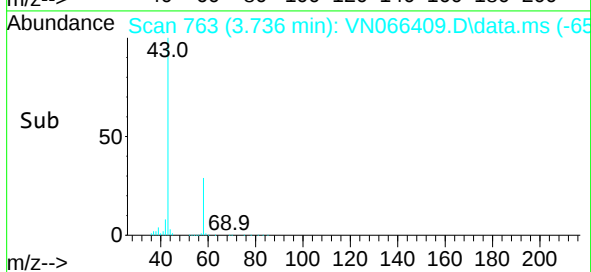
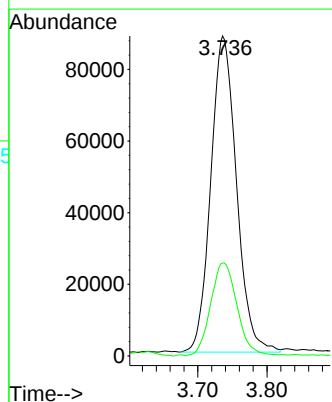
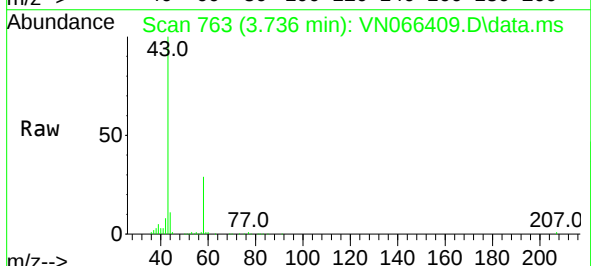
Instrument :
MSVOA_N
ClientSampleId :
IG001

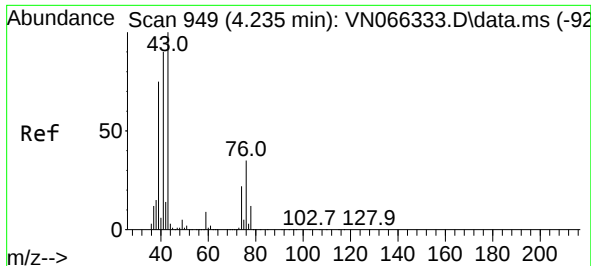
Tgt Ion: 56 Resp: 3273
Ion Ratio Lower Upper
56 100
55 82.6 57.9 86.9



#16
Acetone
Concen: 78.74 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 43 Resp: 227824
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.8

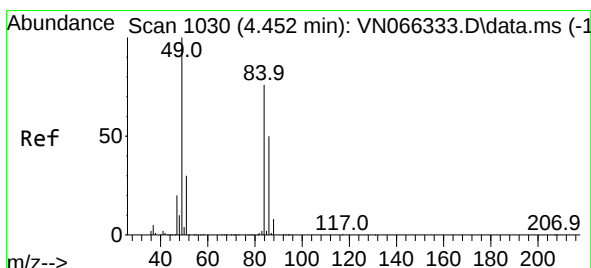
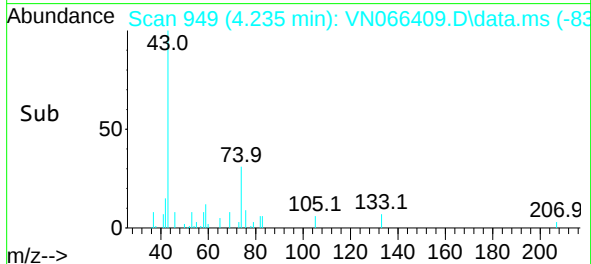
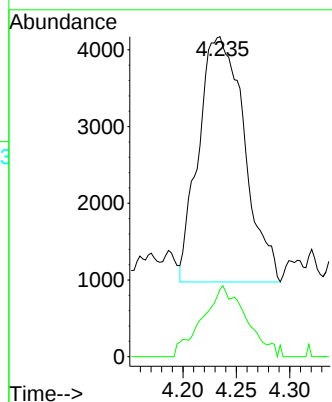
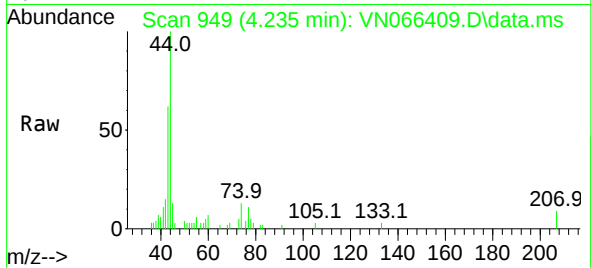




#18
Methyl Acetate
Concen: 1.26 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

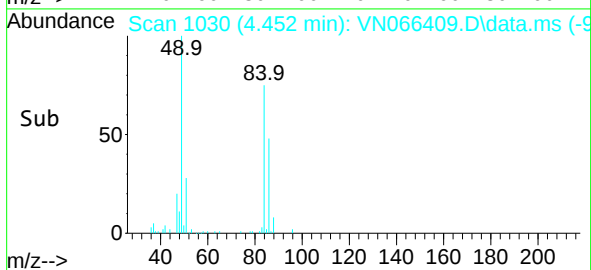
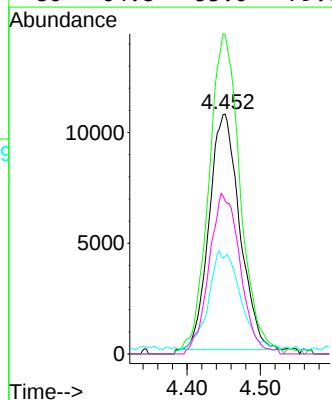
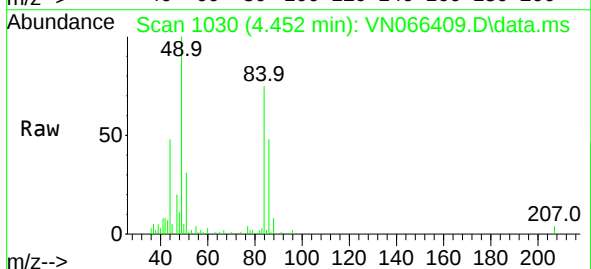
Instrument :
MSVOA_N
ClientSampleId :
IG001

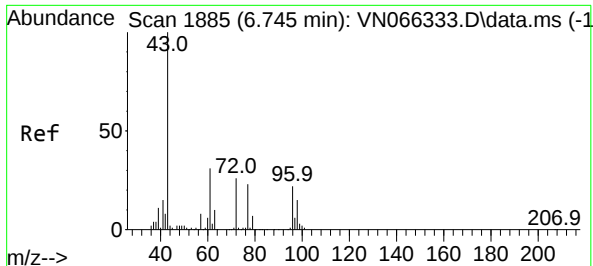
Tgt Ion: 43 Resp: 9488
Ion Ratio Lower Upper
43 100
74 27.9 17.6 26.4#



#20
Methylene Chloride
Concen: 4.83 ug/l
RT: 4.452 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 84 Resp: 30741
Ion Ratio Lower Upper
84 100
49 133.6 105.0 157.6
51 39.2 31.6 47.4
86 64.8 53.0 79.6





#25

2-Butanone

Concen: 4.64 ug/l

RT: 6.748 min Scan# 1886

Delta R.T. 0.003 min

Lab File: VN066409.D

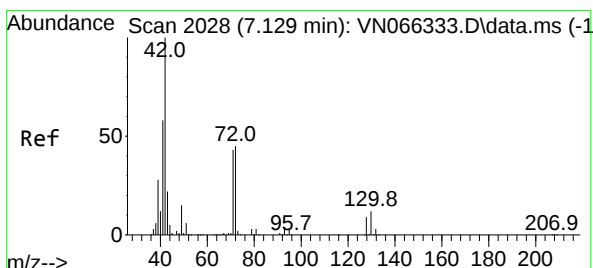
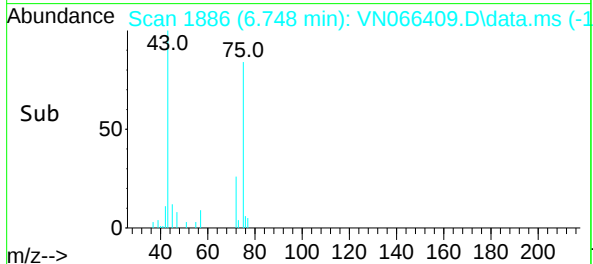
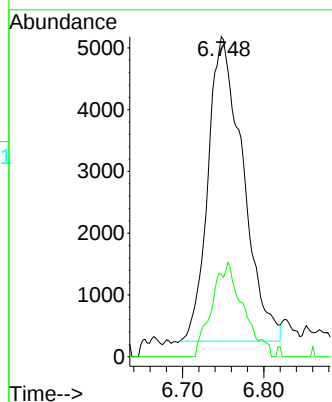
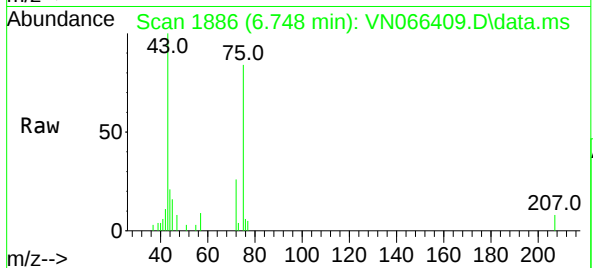
Acq: 30 Mar 2021 4:42

Tgt Ion: 43 Resp: 14676

Ion Ratio Lower Upper

43 100

72 27.0 20.7 31.1



#29

Tetrahydrofuran

Concen: 0.98 ug/l

RT: 7.139 min Scan# 2032

Delta R.T. 0.011 min

Lab File: VN066409.D

Acq: 30 Mar 2021 4:42

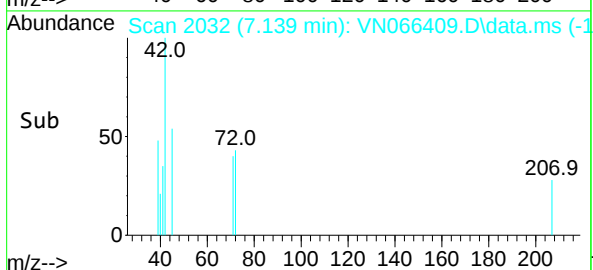
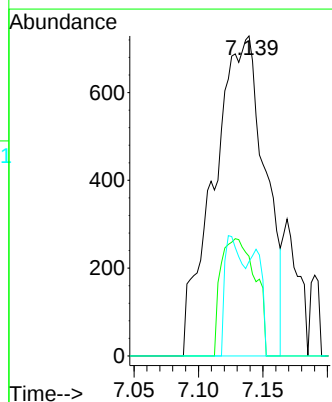
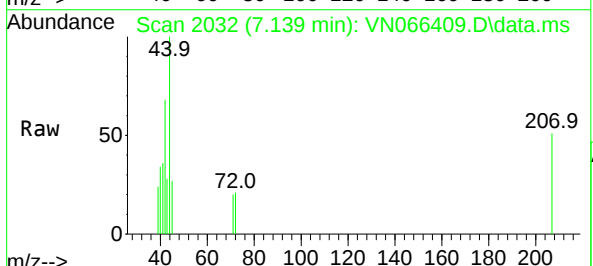
Tgt Ion: 42 Resp: 2015

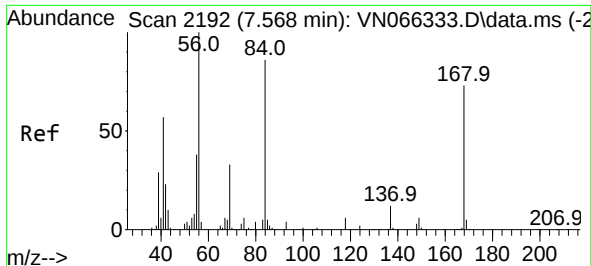
Ion Ratio Lower Upper

42 100

72 24.5 35.2 52.8#

71 13.1 33.1 49.7#

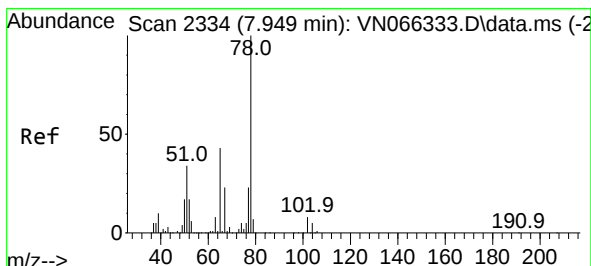
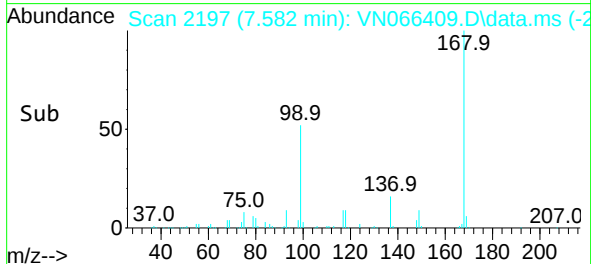
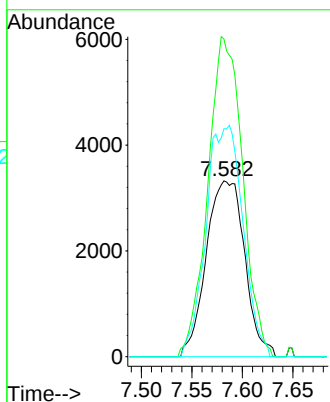
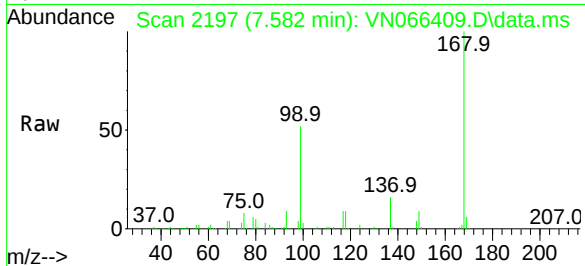




#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

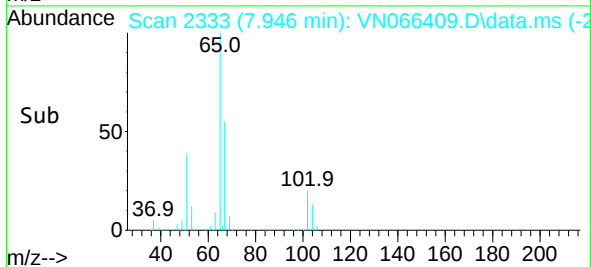
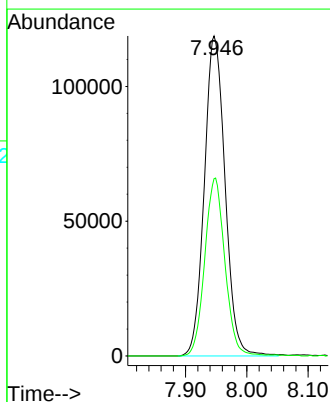
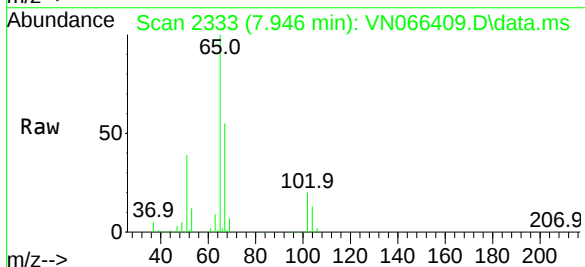
Instrument :
MSVOA_N
ClientSampleId :
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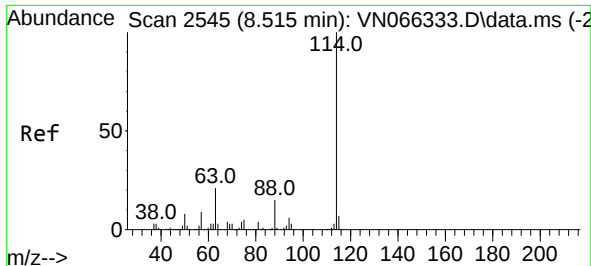
Tgt Ion: 56 Resp: 8804
Ion Ratio Lower Upper
56 100
69 180.7 26.6 40.0#
84 129.7 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 52.19 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. -0.003 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 65 Resp: 279519
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.2

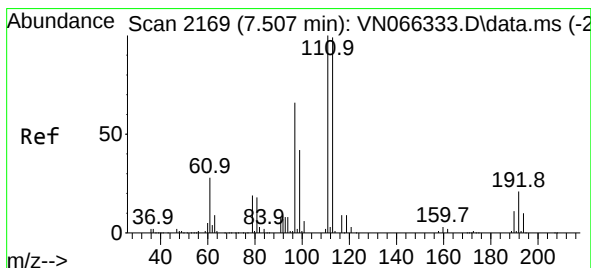
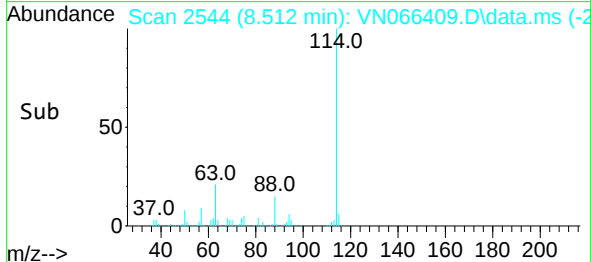
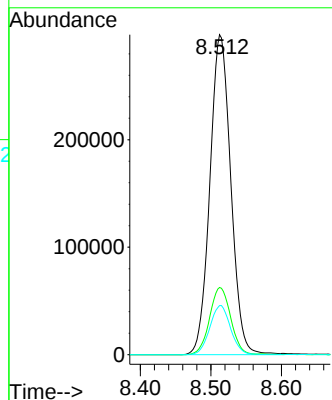
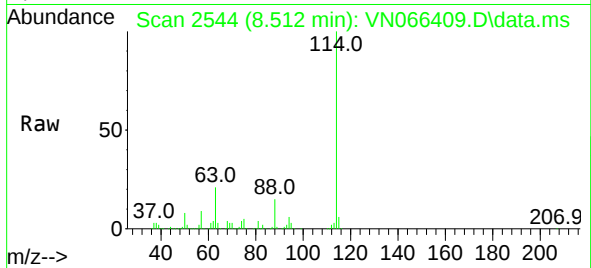




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

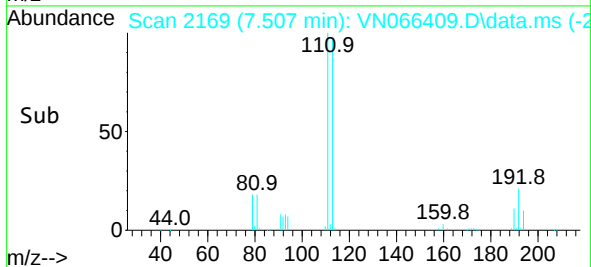
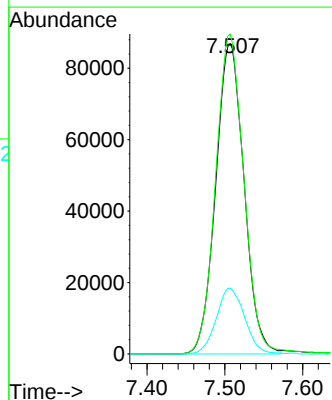
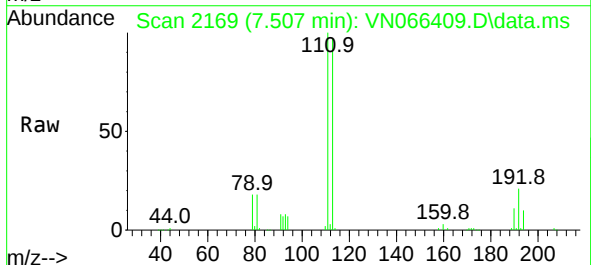
Instrument :
MSVOA_N
ClientSampleId :
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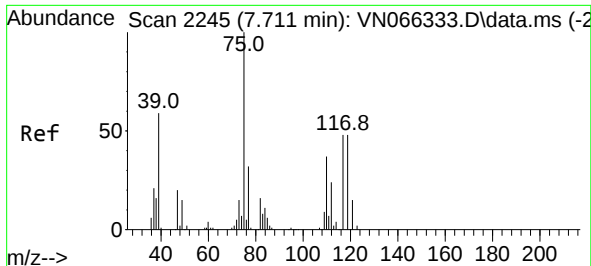
Tgt Ion:	114	Resp:	613175
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	42.0
88	15.4	0.0	31.0



#35
Dibromofluoromethane
Concen: 53.88 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion:	113	Resp:	219033
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.8	122.8
192	21.2	17.1	25.7

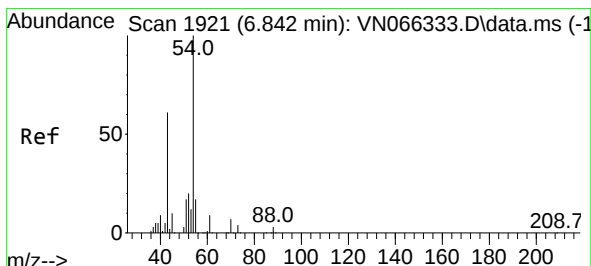
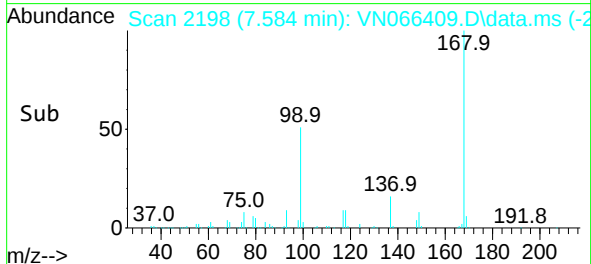
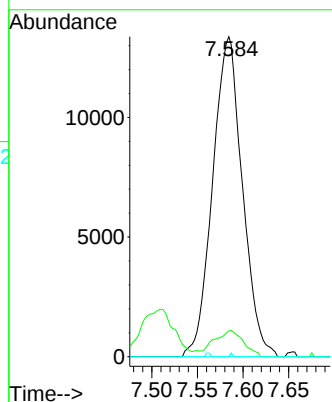
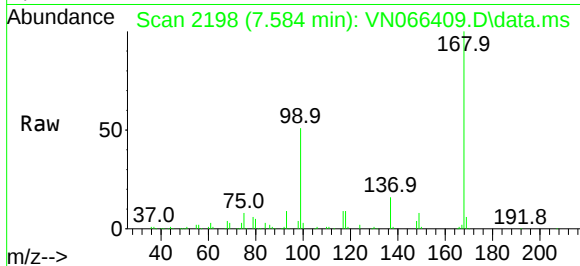




#36
1,1-Dichloropropene
Concen: 5.26 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

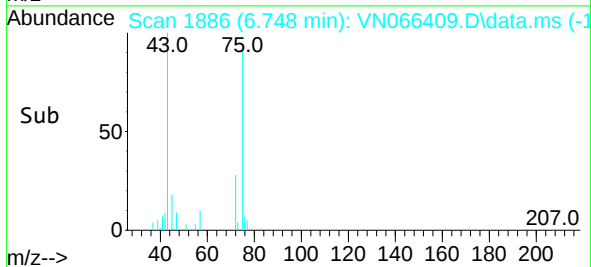
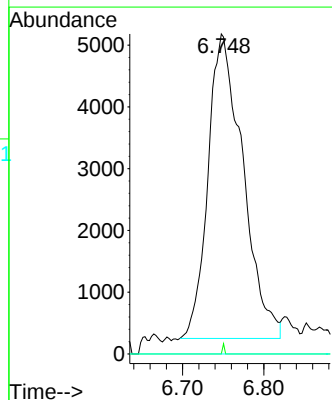
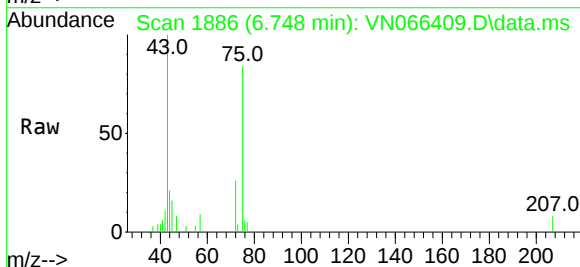
Instrument :
MSVOA_N
ClientSampled :
IG001

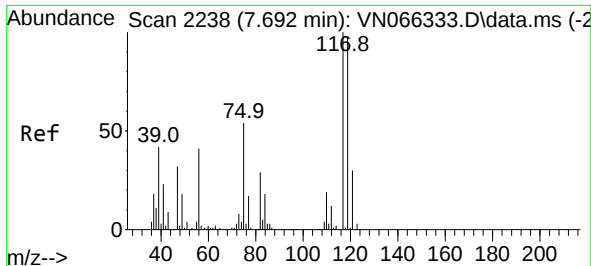
Tgt Ion: 75 Resp: 30305
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.3#
77 0.1 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.31 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. -0.094 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

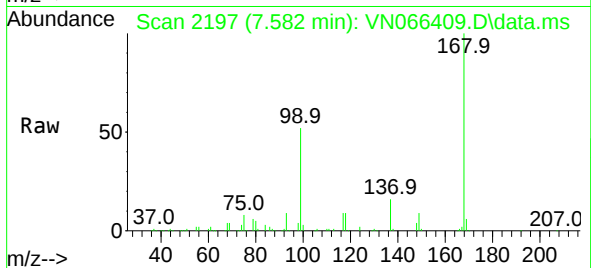
Tgt Ion: 43 Resp: 14676
Ion Ratio Lower Upper
43 100
61 0.2 11.1 16.7#
70 0.0 8.0 12.0#



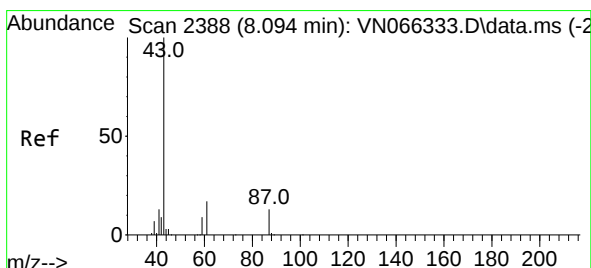
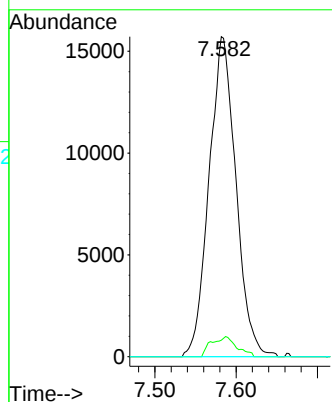
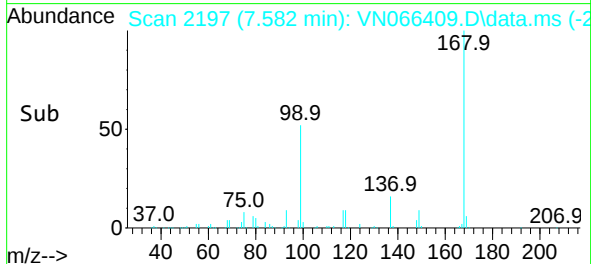


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

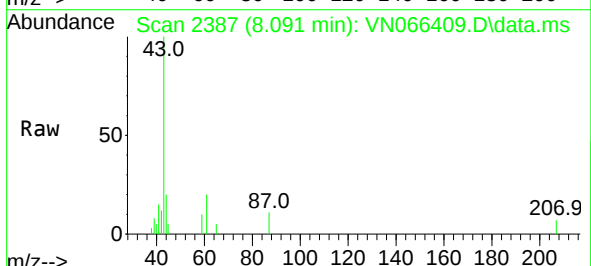
Instrument :
MSVOA_N
ClientSampled :
IG001



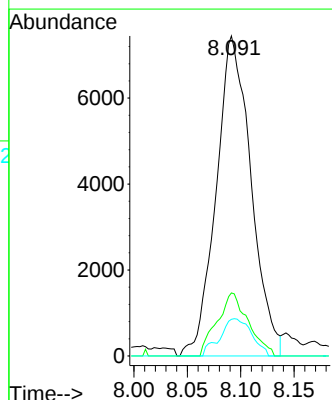
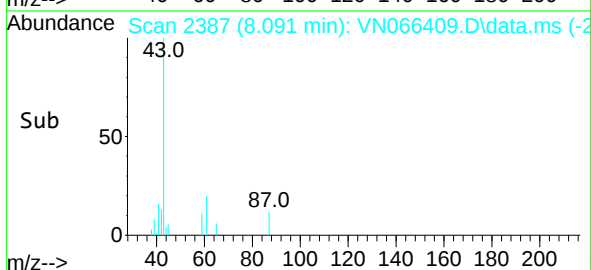
Tgt Ion:117 Resp: 36083
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.2 36.4#

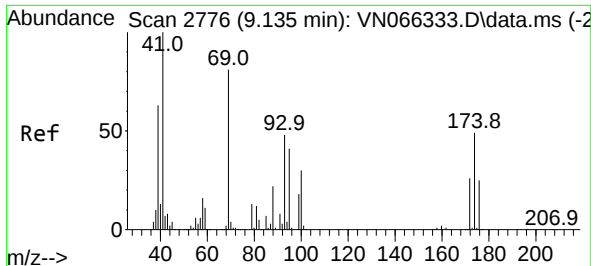


#43
Isopropyl Acetate
Concen: 1.56 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. -0.003 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42



Tgt Ion: 43 Resp: 16920
Ion Ratio Lower Upper
43 100
61 17.7 15.5 23.3
87 10.6 10.5 15.7

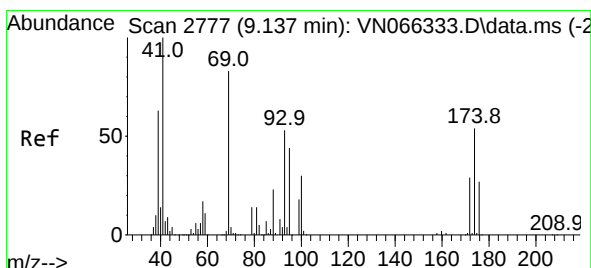
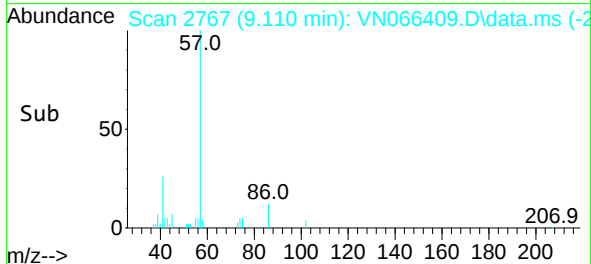
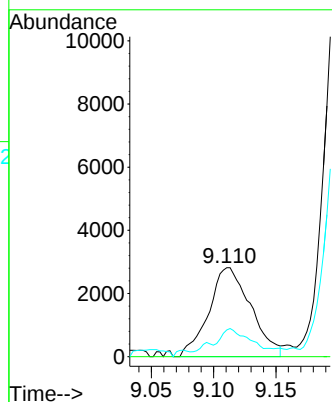
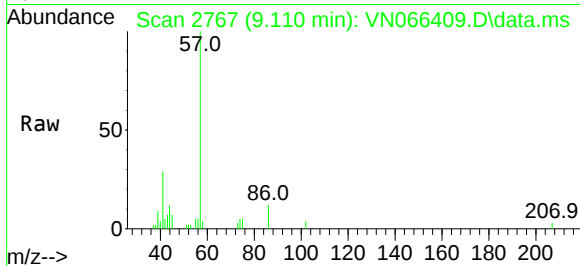




#48
Methyl methacrylate
Concen: 1.28 ug/l
RT: 9.110 min Scan# 2767
Delta R.T. -0.024 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

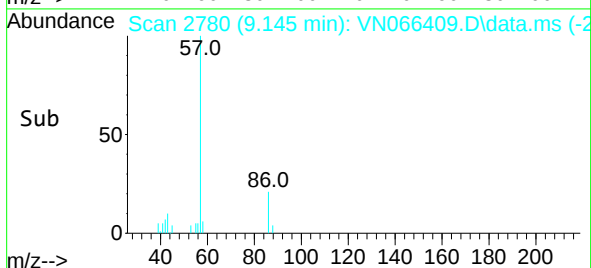
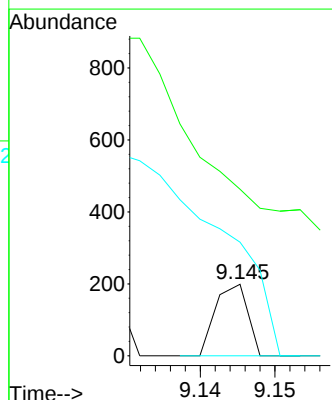
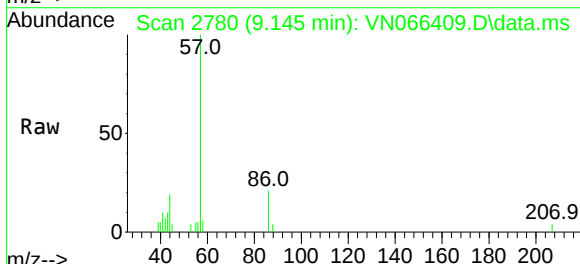
Instrument :
MSVOA_N
ClientSampled :
IG001

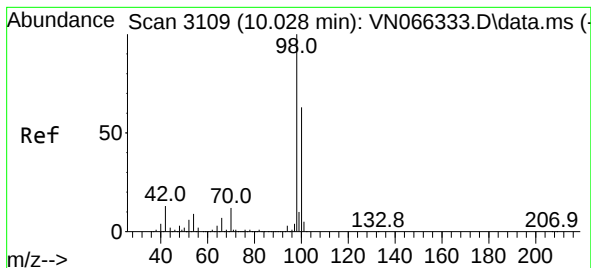
Tgt Ion: 41 Resp: 6616
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 12.8 51.5 77.3#



#49
1,4-Dioxane
Concen: 0.91 ug/l
RT: 9.145 min Scan# 2780
Delta R.T. 0.008 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 56.6 84.8#

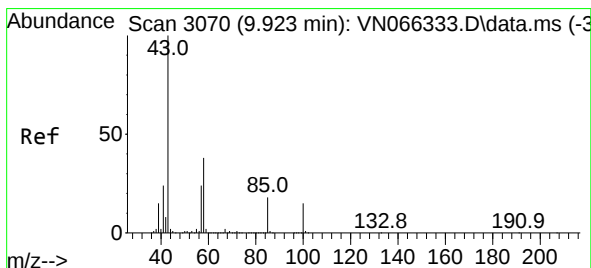
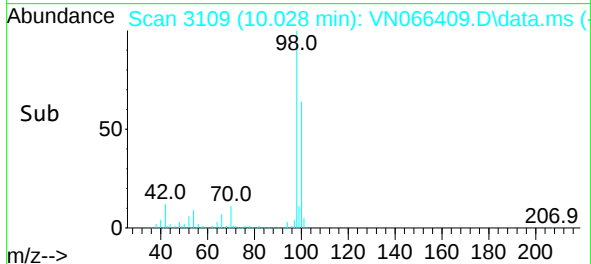
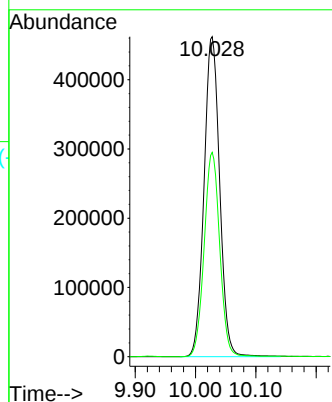
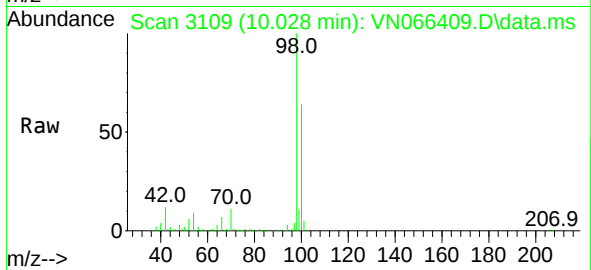




#50
Toluene-d8
Concen: 54.00 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

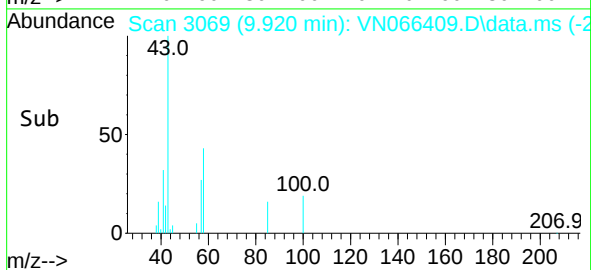
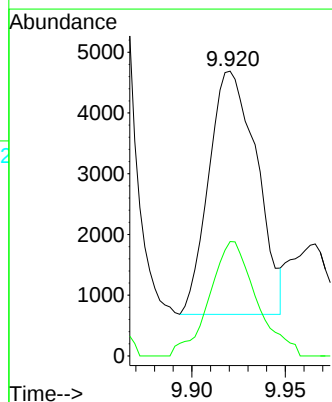
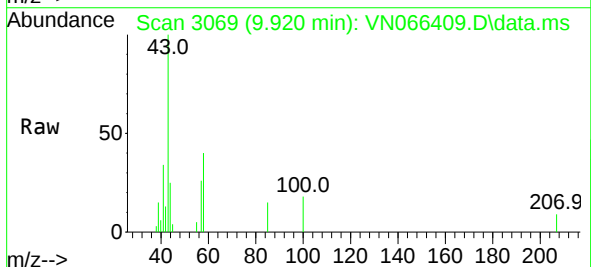
Instrument :
MSVOA_N
ClientSampled :
IG001

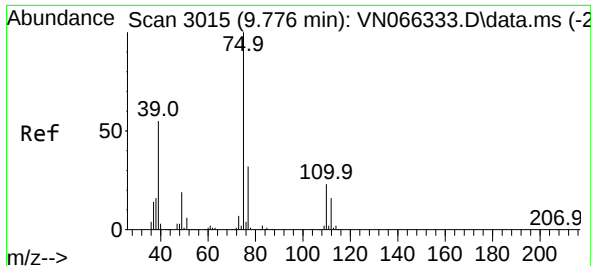
Tgt Ion: 98 Resp: 832549
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

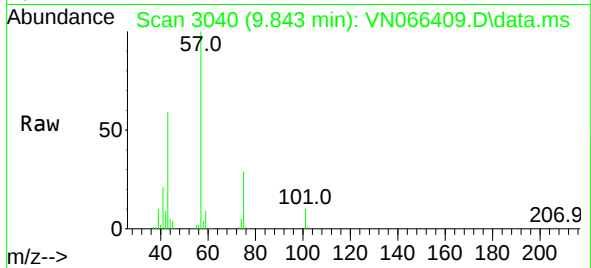
Tgt Ion: 43 Resp: 7157
Ion Ratio Lower Upper
43 100
58 45.9 30.8 46.2



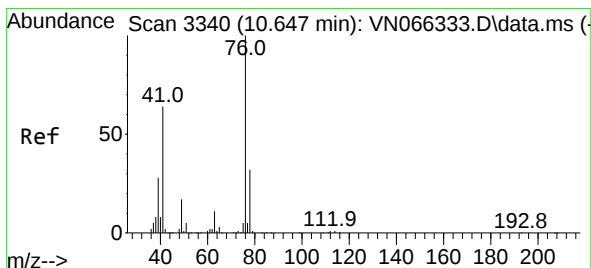
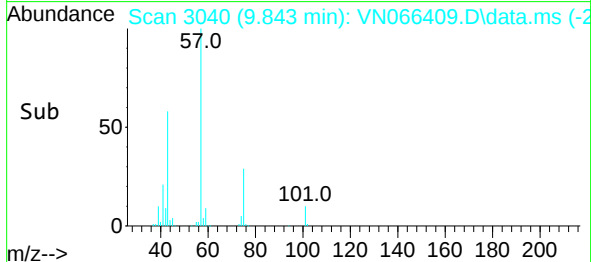
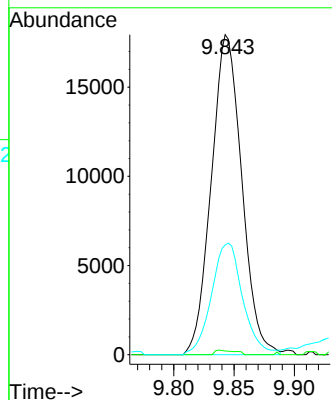


#54
 cis-1,3-Dichloropropene
 Concen: 4.30 ug/l
 RT: 9.843 min Scan# 3040
 Delta R.T. 0.067 min
 Lab File: VN066409.D
 Acq: 30 Mar 2021 4:42

Instrument :
 MSVOA_N
 ClientSampled :
 IG001

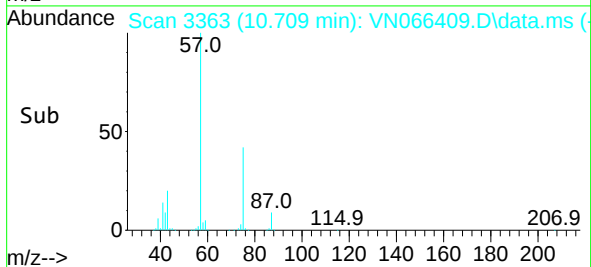
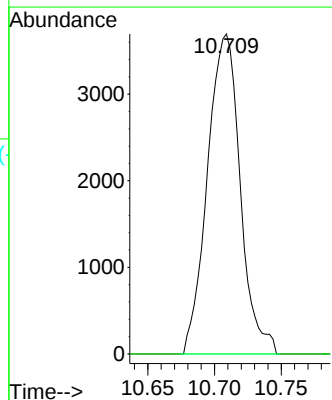
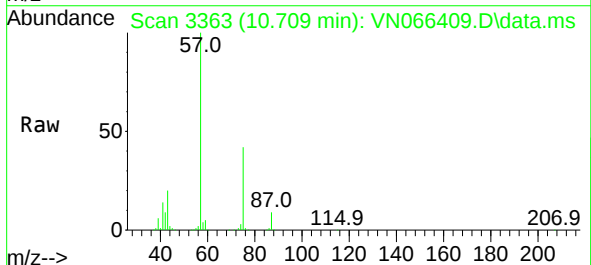


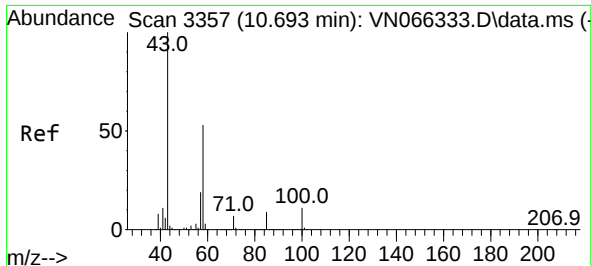
Tgt Ion: 75 Resp: 31476
 Ion Ratio Lower Upper
 75 100
 77 1.1 25.4 38.2#
 39 34.3 44.2 66.4#



#57
 1,3-Dichloropropane
 Concen: 0.89 ug/l
 RT: 10.709 min Scan# 3363
 Delta R.T. 0.062 min
 Lab File: VN066409.D
 Acq: 30 Mar 2021 4:42

Tgt Ion: 76 Resp: 6309
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

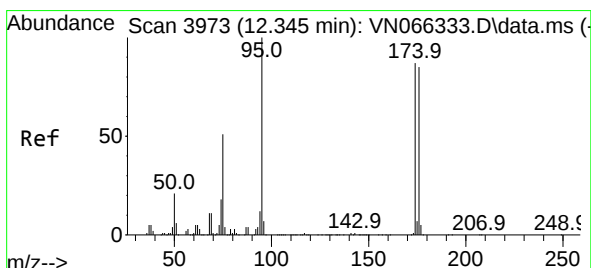
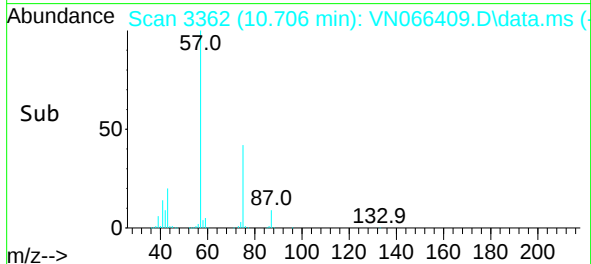
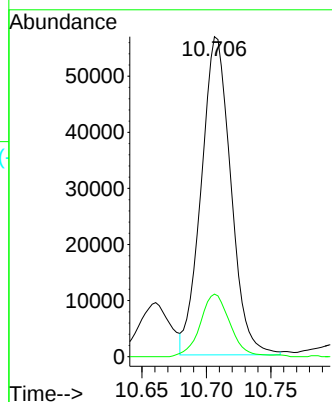
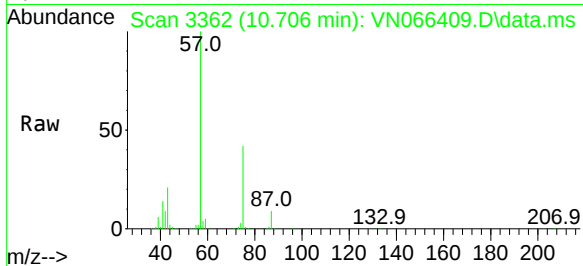




#59
2-Hexanone
Concen: 20.44 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.013 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

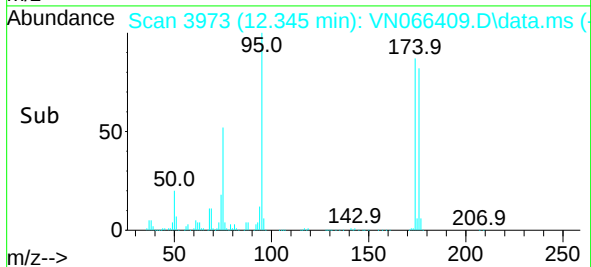
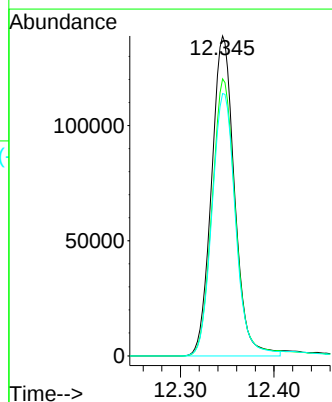
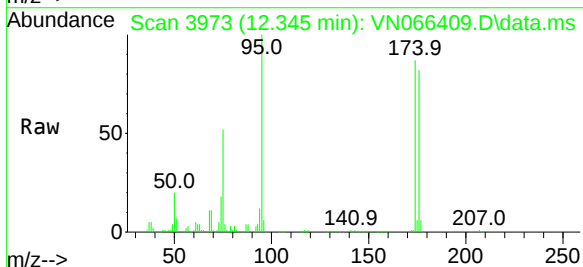
Instrument :
MSVOA_N
ClientSampled :
IG001

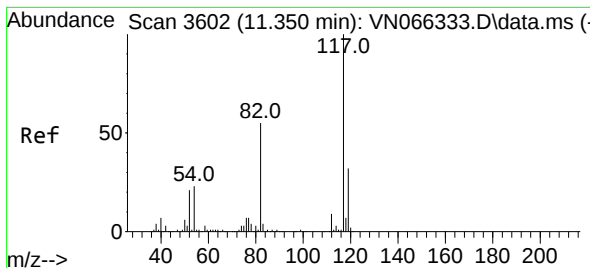
Tgt Ion: 43 Resp: 90706
Ion Ratio Lower Upper
43 100
58 19.9 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 95 Resp: 237583
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.2
176 83.8 0.0 167.8

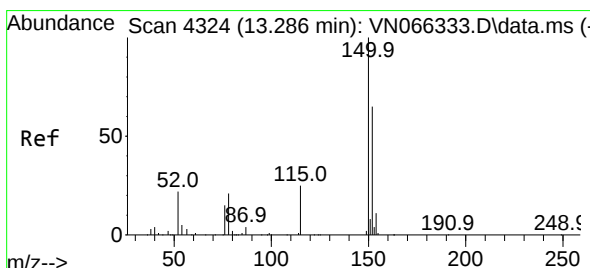
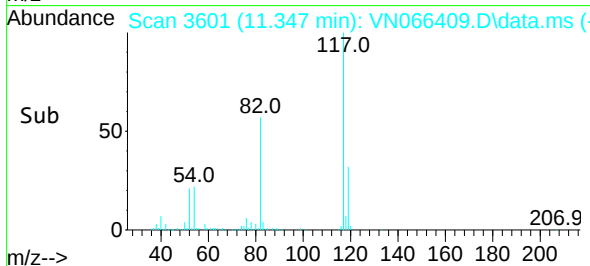
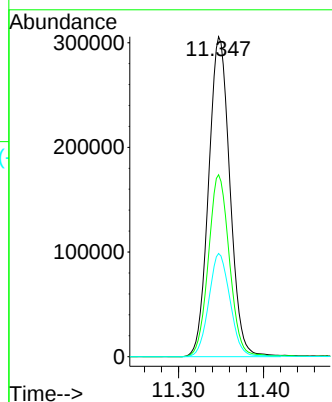
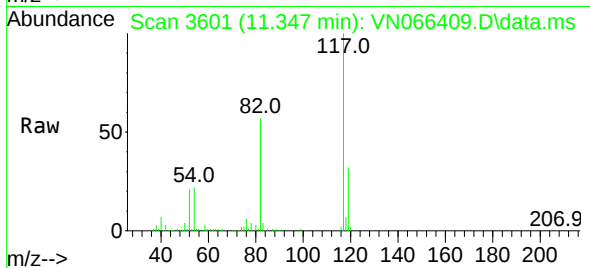




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

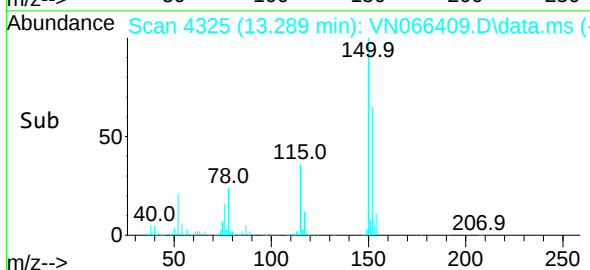
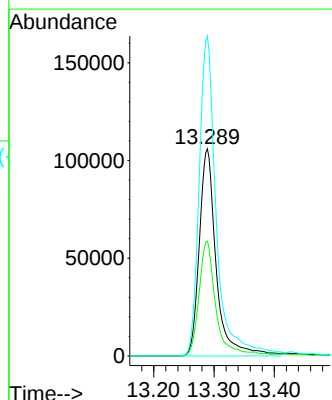
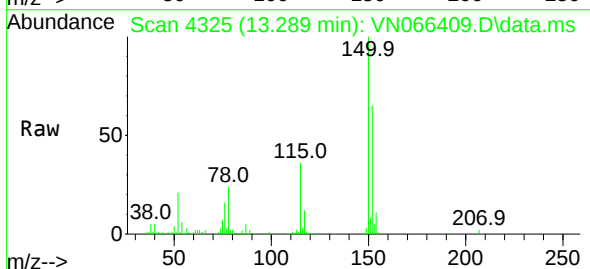
Instrument :
MSVOA_N
ClientSampled :
IG001

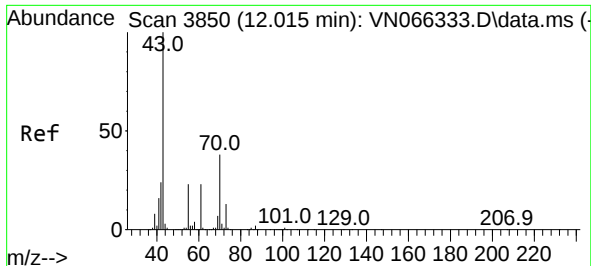
Tgt Ion:	117	Resp:	531737
Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.2	66.4
119	32.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion:	152	Resp:	207311
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.4
150	156.9	0.0	348.4



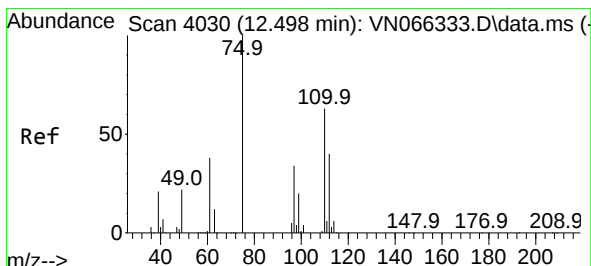
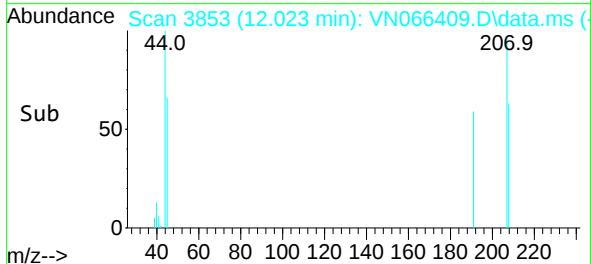
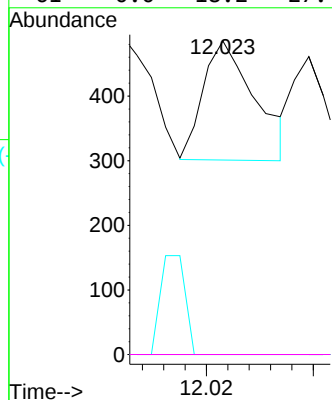
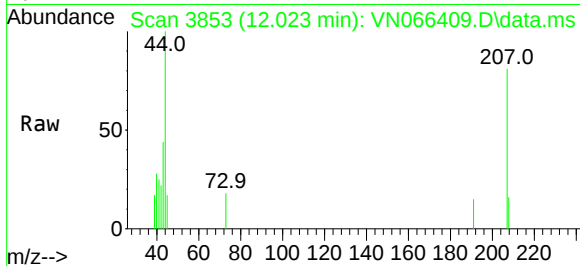


#74
N-amy1 acetate
Concen: 3.21 ug/l
RT: 12.023 min Scan# 3853
Delta R.T. 0.008 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Instrument :
MSVOA_N
ClientSampled :
IG001

Tgt Ion: 43 Resp: 124

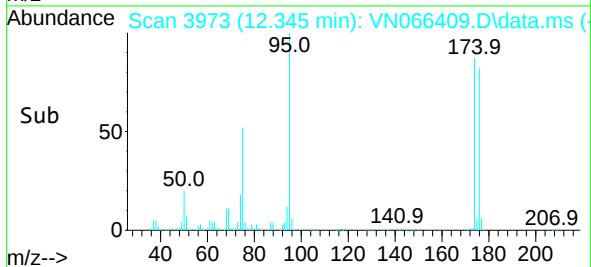
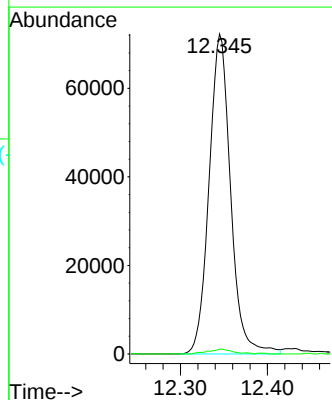
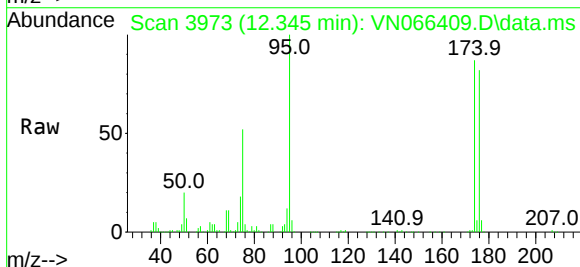
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.2	46.8#
55	39.5	18.6	28.0#
61	0.0	18.2	27.4#

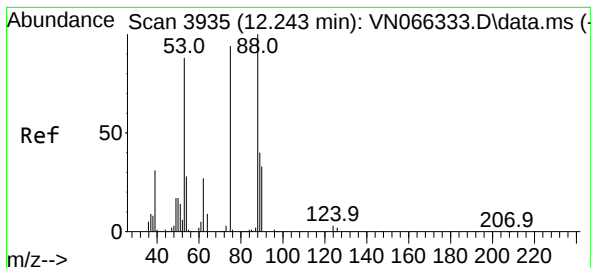


#76
1,2,3-Trichloropropane
Concen: 27.29 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 75 Resp: 124125

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

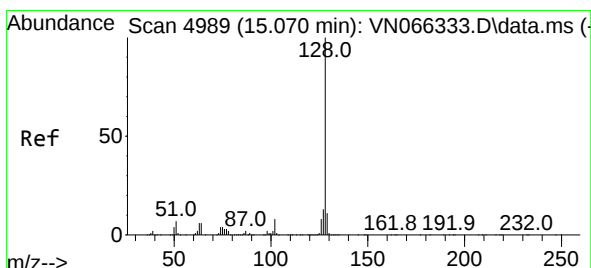
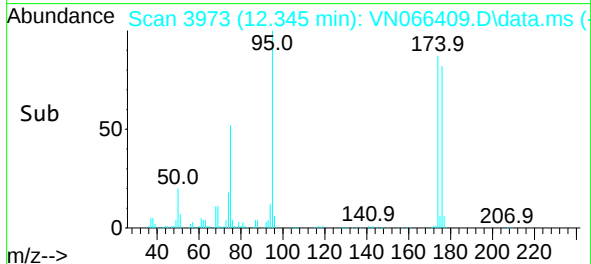
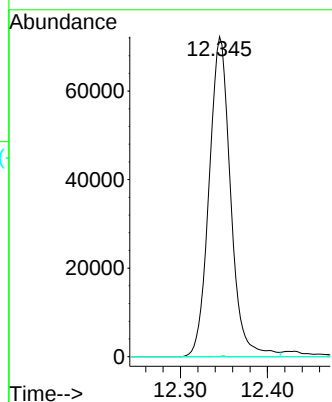
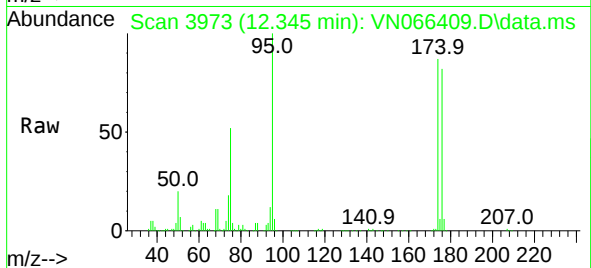




#81
trans-1,4-Dichloro-2-butene
Concen: 82.06 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Instrument :
MSVOA_N
ClientSampled :
IG001

Tgt Ion: 75 Resp: 124125
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.07 ug/l
RT: 15.083 min Scan# 4994
Delta R.T. 0.013 min
Lab File: VN066409.D
Acq: 30 Mar 2021 4:42

Tgt Ion: 128 Resp: 337
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

