

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065938.D
 Acq On : 18 Feb 2021 14:11
 Operator : JC/MD
 Sample : PB134712TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

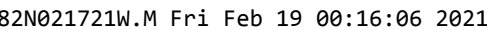
Instrument :
 MSVOA_N
 ClientSampleId :

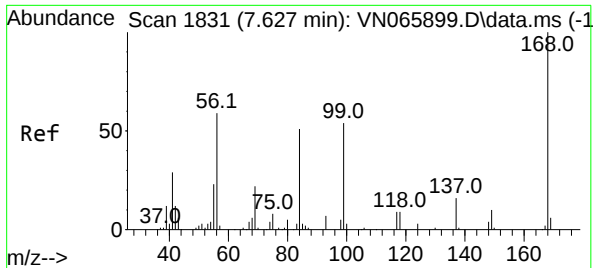
Quant Time: Feb 19 00:15:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	177667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	300224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	282856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	103852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	118268	47.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.20%		
35) Dibromofluoromethane	7.553	113	90409	48.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.32%		
50) Toluene-d8	10.058	98	376957	49.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.84%		
62) 4-Bromofluorobenzene	12.373	95	127722	44.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.22%		
Target Compounds						
					Qvalue	
16) Acetone	3.791	43	18087	21.71	ug/l	96
20) Methylene Chloride	4.505	84	3182	1.38	ug/l	94
25) 2-Butanone	6.820	43	883	0.72	ug/l #	46
29) Tetrahydrofuran	7.184	42	315	0.37	ug/l #	32
31) Cyclohexane	7.624	56	3562	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14473	4.89	ug/l #	48
37) Ethyl Acetate	6.820	43	883	0.33	ug/l #	68
38) Carbon Tetrachloride	7.627	117	17260	6.27	ug/l #	17
43) Isopropyl Acetate	8.132	43	11501	2.70	ug/l #	90
45) 1,2-Dichloropropane	9.229	63	860	0.37	ug/l #	44
48) Methyl methacrylate	9.148	41	2909	1.35	ug/l #	10
51) 4-Methyl-2-Pentanone	9.958	43	3565	1.38	ug/l #	83
54) cis-1,3-Dichloropropene	9.875	75	22954	6.42	ug/l #	65
56) Ethyl methacrylate	10.206	69	1177	0.37	ug/l #	41
57) 1,3-Dichloropropane	10.733	76	12950	3.52	ug/l #	43
59) 2-Hexanone	10.733	43	175424	95.00	ug/l #	51
71) Bromoform	12.373	173	552	2.84	ug/l #	1
74) N-amyl acetate	11.849	43	9125	3.10	ug/l #	49
76) 1,2,3-Trichloropropane	12.373	75	63222	25.34	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.707	105	2941	0.41	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	63222	80.76	ug/l #	12

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

Quant Time: Feb 19 00:15:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

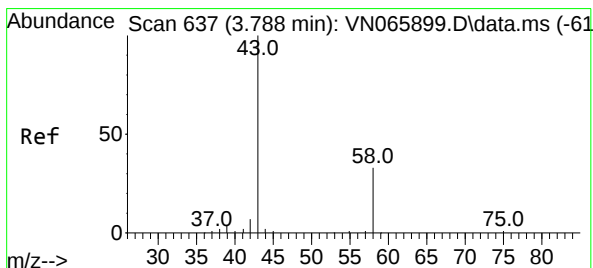
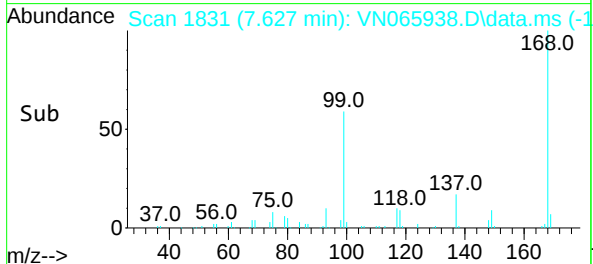
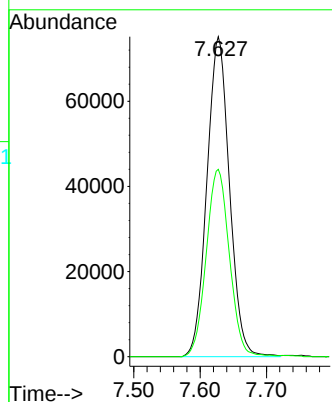
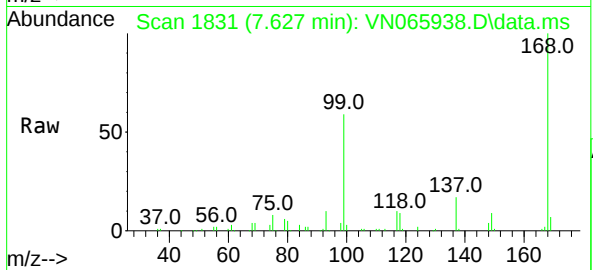




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

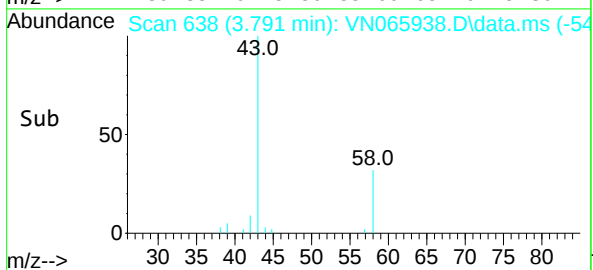
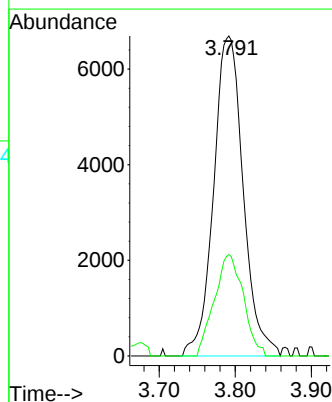
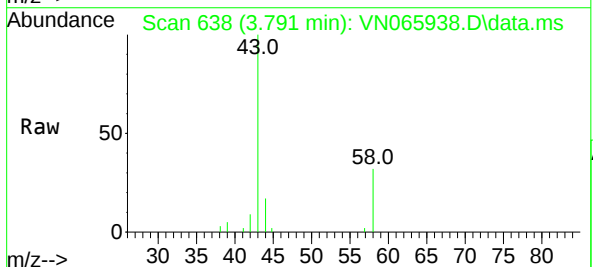
Instrument :
MSVOA_N
ClientSampled :

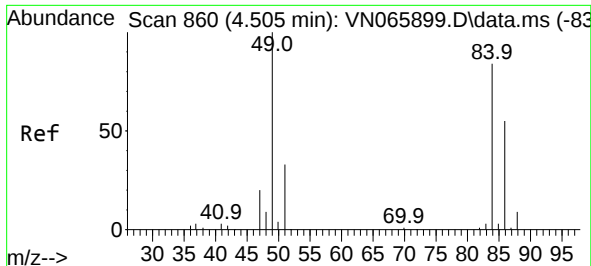
Tgt Ion:168 Resp: 177667
Ion Ratio Lower Upper
168 100
99 58.5 42.6 63.8



#16
Acetone
Concen: 21.71 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

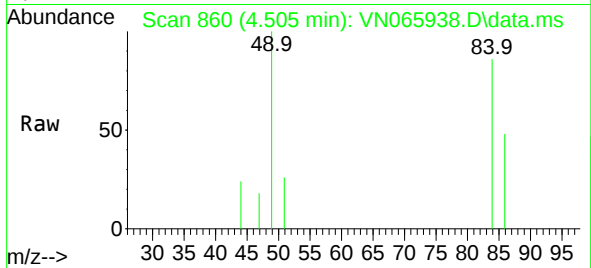
Tgt Ion: 43 Resp: 18087
Ion Ratio Lower Upper
43 100
58 31.7 27.0 40.6



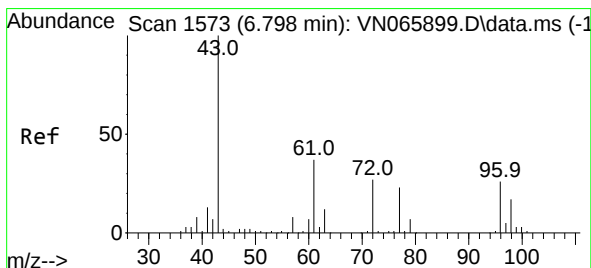
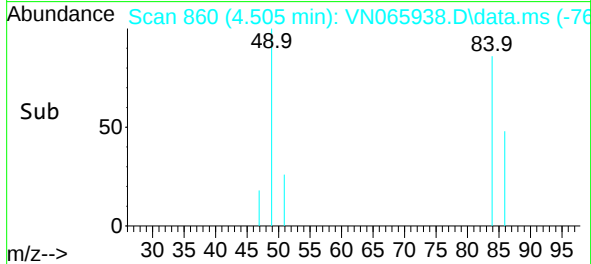
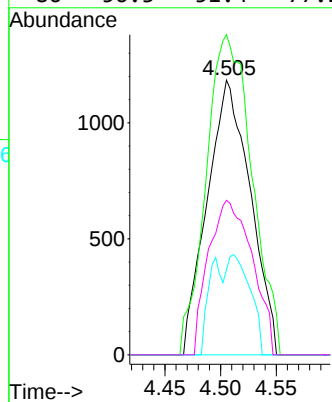


#20
Methylene Chloride
Concen: 1.38 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Instrument :
MSVOA_N
ClientSampled :

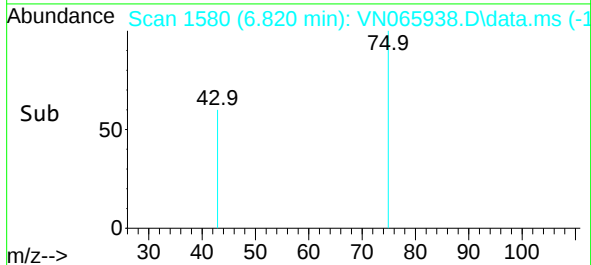
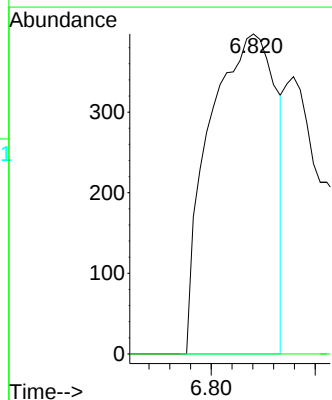
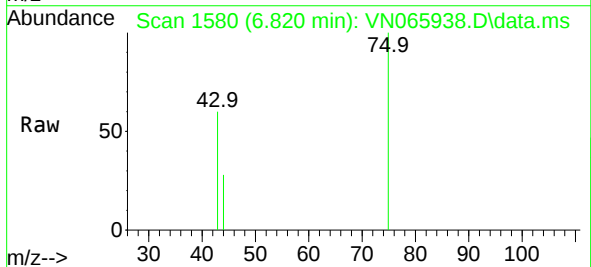


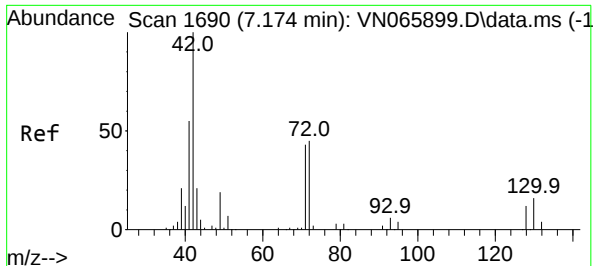
Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.6	141.8
51	30.8	29.9	44.9
86	56.3	51.4	77.2



#25
2-Butanone
Concen: 0.72 ug/l
RT: 6.820 min Scan# 1580
Delta R.T. 0.022 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#





#29

Tetrahydrofuran

Concen: 0.37 ug/l

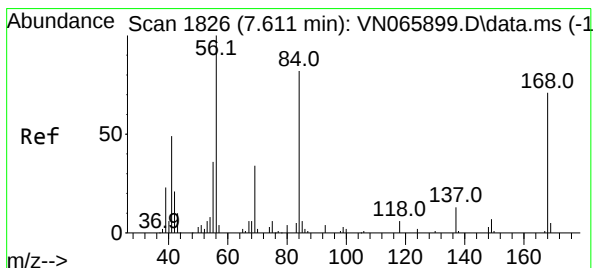
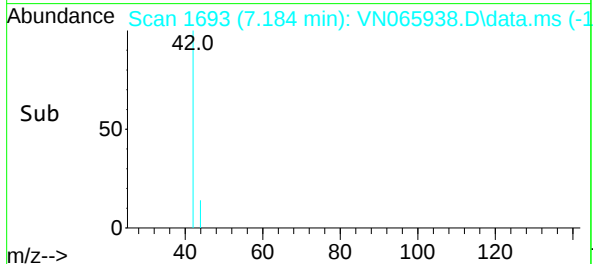
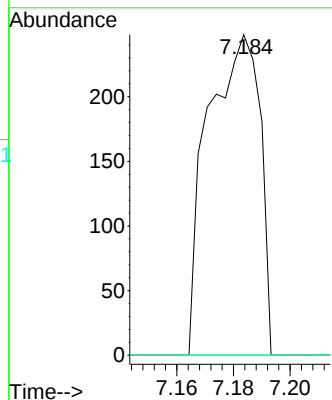
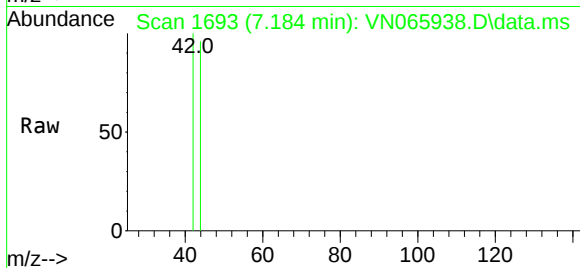
RT: 7.184 min Scan# 1693

Delta R.T. 0.010 min

Lab File: VN065938.D

Acq: 18 Feb 2021 14:11

Tgt Ion:	42	Resp:	315
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31

Cyclohexane

Concen: 0.96 ug/l

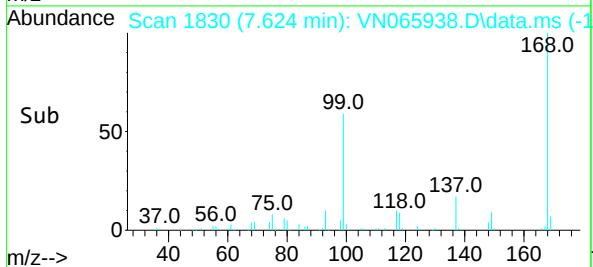
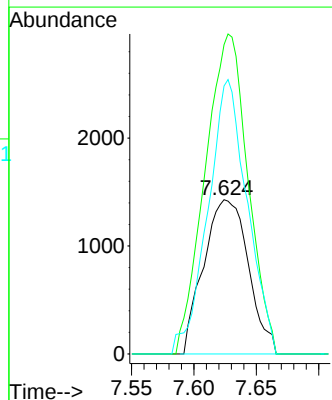
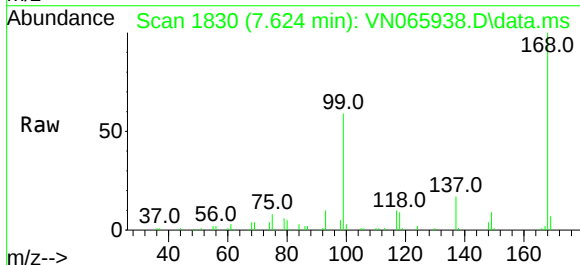
RT: 7.624 min Scan# 1830

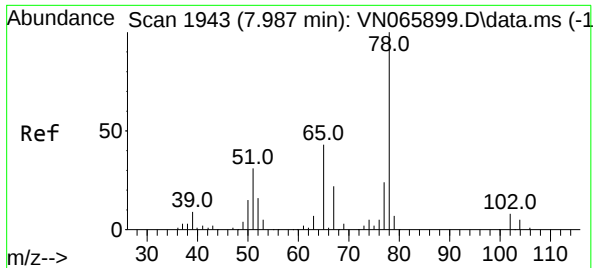
Delta R.T. 0.013 min

Lab File: VN065938.D

Acq: 18 Feb 2021 14:11

Tgt Ion:	56	Resp:	3562
Ion	Ratio	Lower	Upper
56	100		
69	200.6	26.6	39.8#
84	173.8	70.4	105.6#

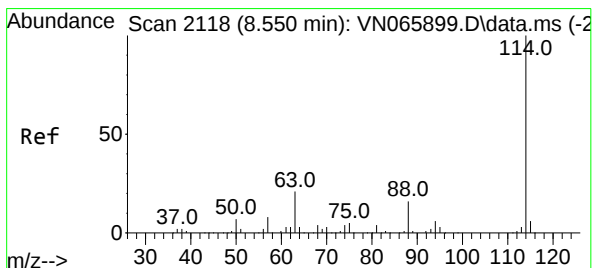
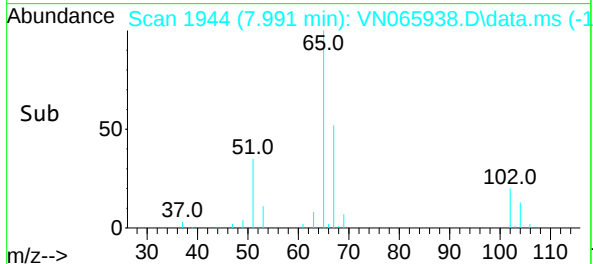
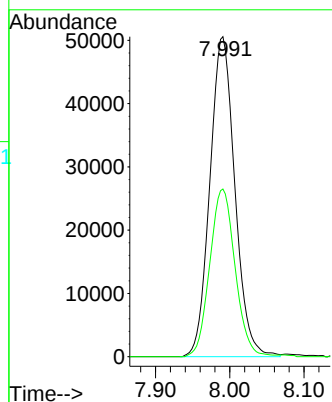
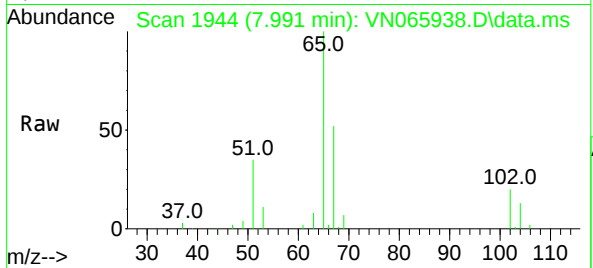




#33
1,2-Dichloroethane-d4
Concen: 47.60 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

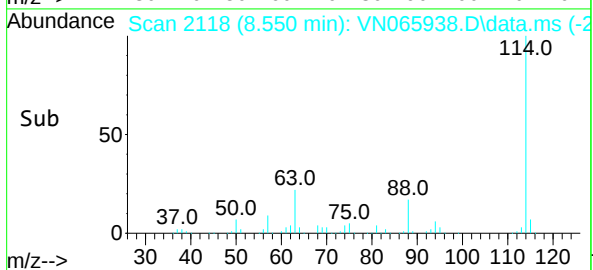
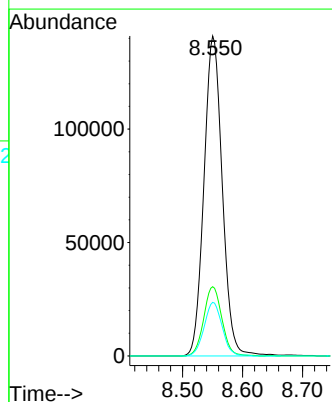
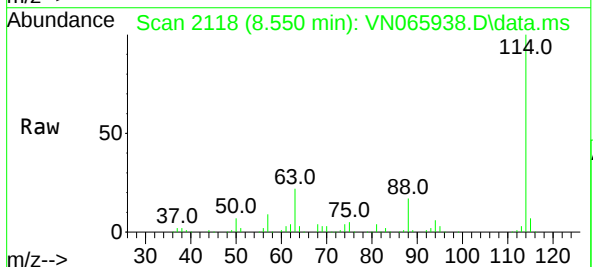
Instrument :
MSVOA_N
ClientSampled :

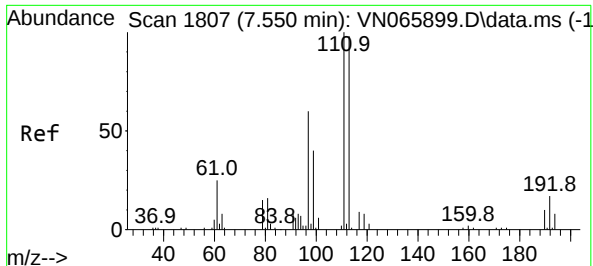
Tgt Ion: 65 Resp: 118268
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion: 114 Resp: 300224
Ion Ratio Lower Upper
114 100
63 21.7 0.0 38.6
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.66 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065938.D

Acq: 18 Feb 2021 14:11

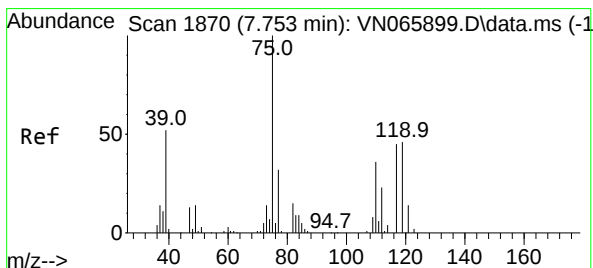
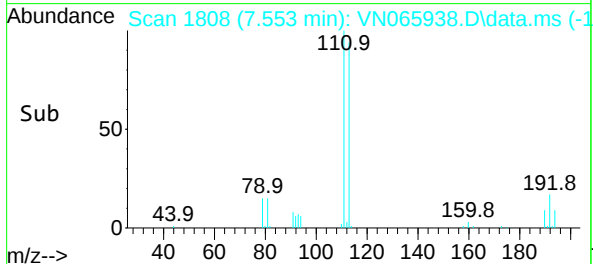
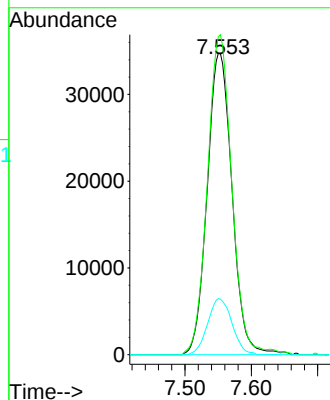
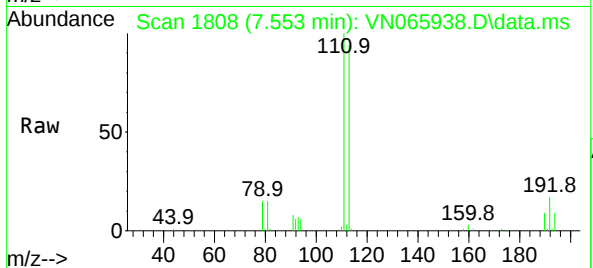
Tgt Ion: 113 Resp: 90409

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.89 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065938.D

Acq: 18 Feb 2021 14:11

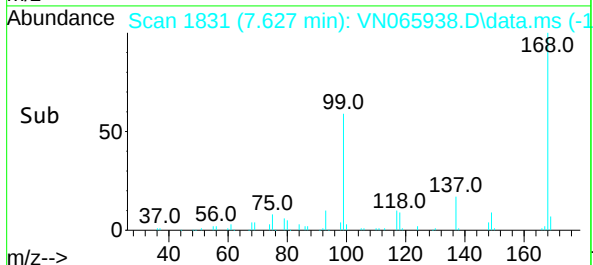
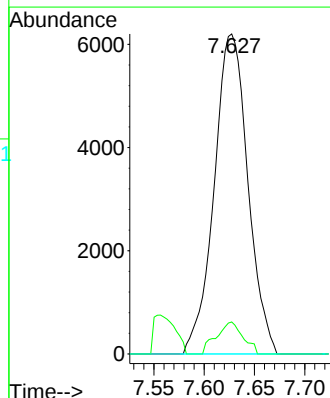
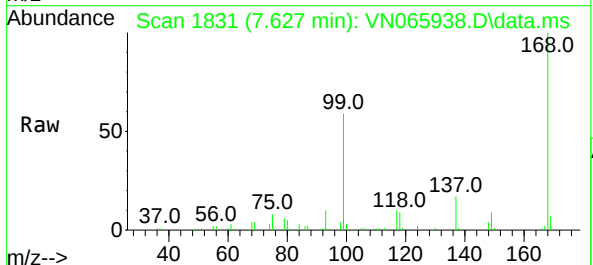
Tgt Ion: 75 Resp: 14473

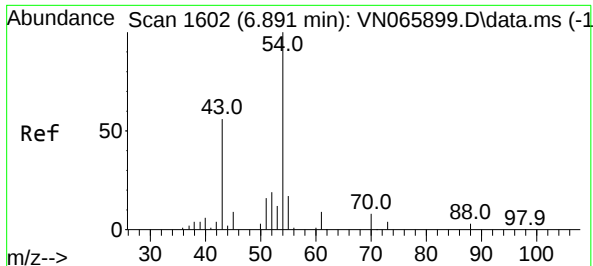
Ion Ratio Lower Upper

75 100

110 7.9 18.2 54.6#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.33 ug/l

RT: 6.820 min Scan# 1580

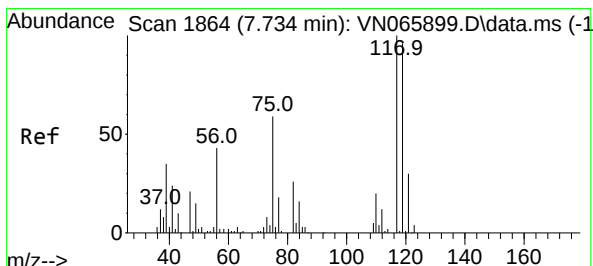
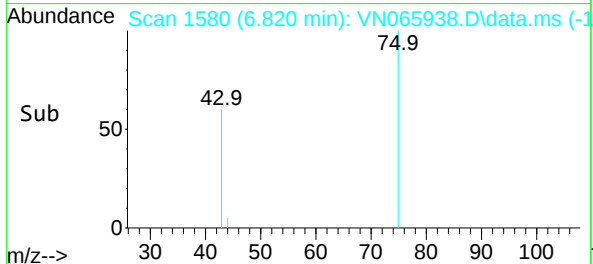
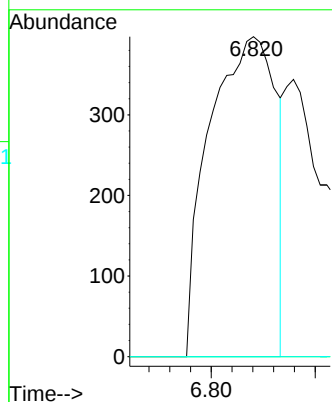
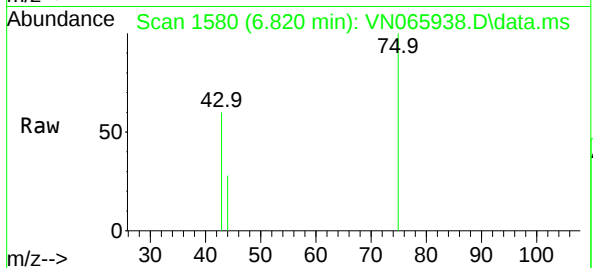
Delta R.T. -0.071 min

Lab File: VN065938.D

Acq: 18 Feb 2021 14:11

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	43	Resp:	883
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.27 ug/l

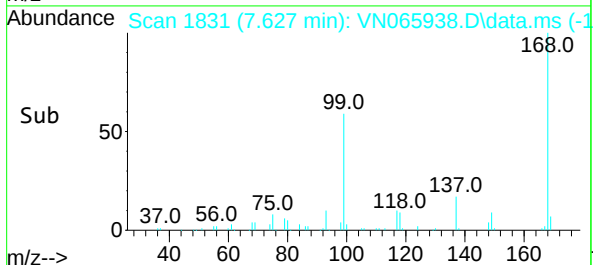
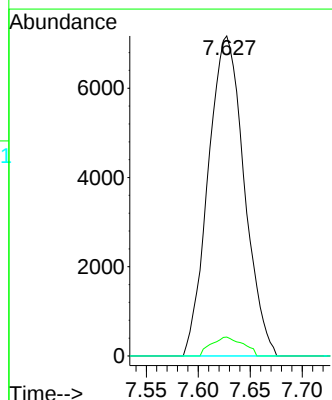
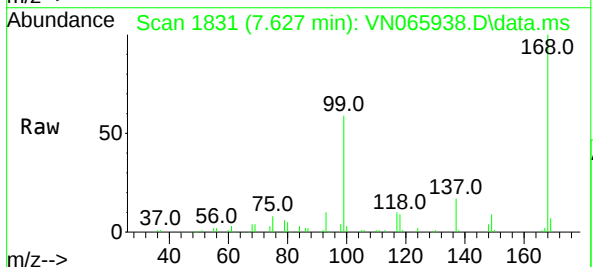
RT: 7.627 min Scan# 1831

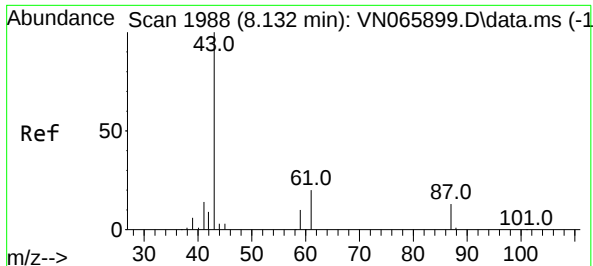
Delta R.T. -0.107 min

Lab File: VN065938.D

Acq: 18 Feb 2021 14:11

Tgt Ion:	117	Resp:	17260
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.0	114.0#
121	0.0	24.5	36.7#

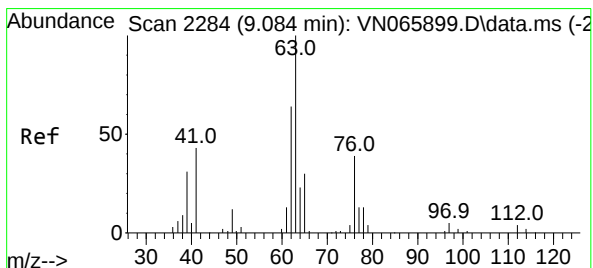
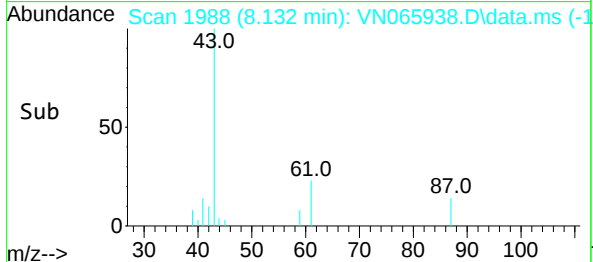
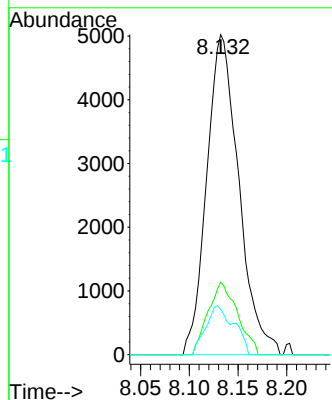
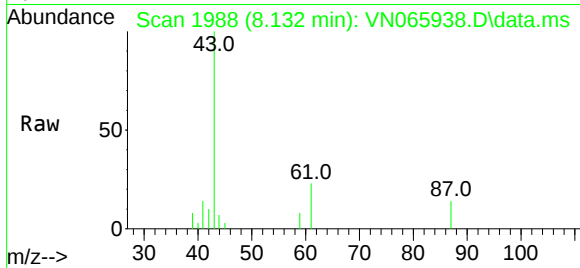




#43
Isopropyl Acetate
Concen: 2.70 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

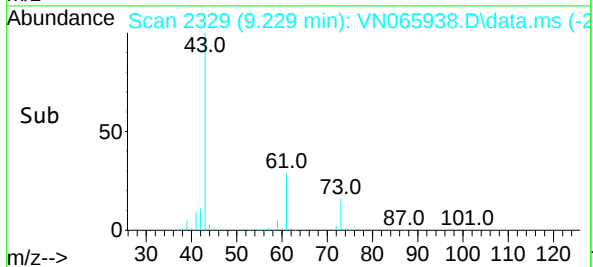
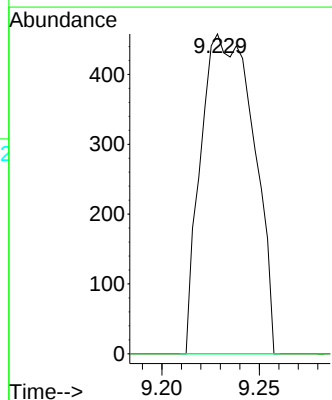
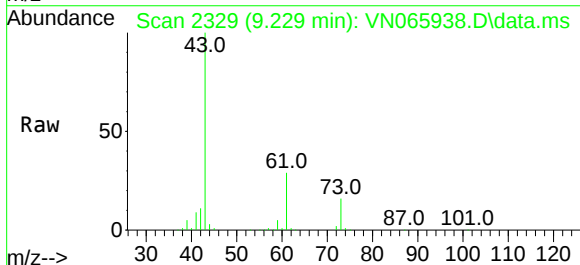
Instrument :
MSVOA_N
ClientSampled :

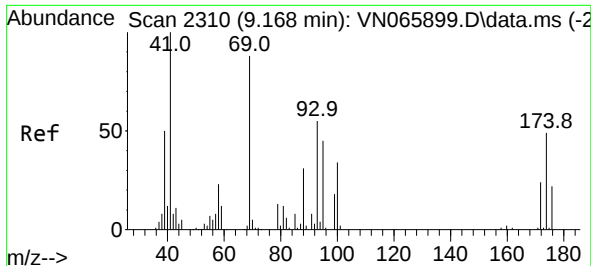
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	22.5	33.7#
87	13.4	11.1	16.7



#45
1,2-Dichloropropane
Concen: 0.37 ug/l
RT: 9.229 min Scan# 2329
Delta R.T. 0.145 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

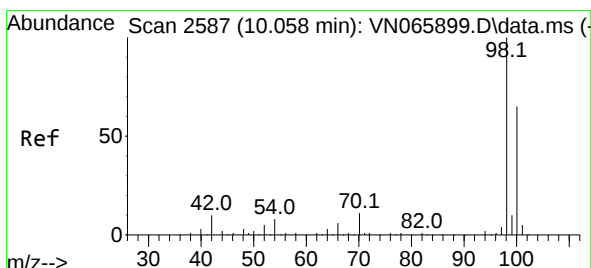
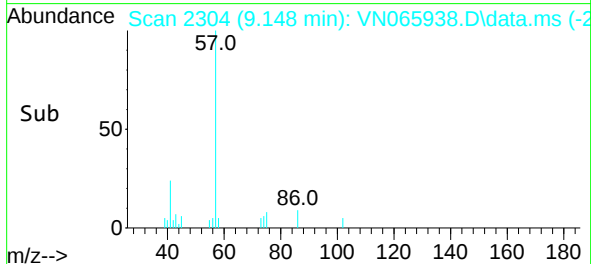
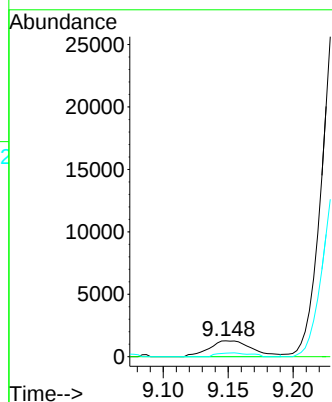
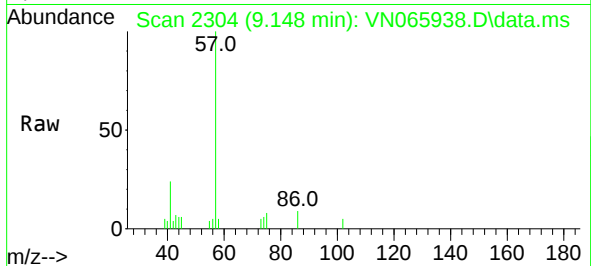




#48
Methyl methacrylate
Concen: 1.35 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.020 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

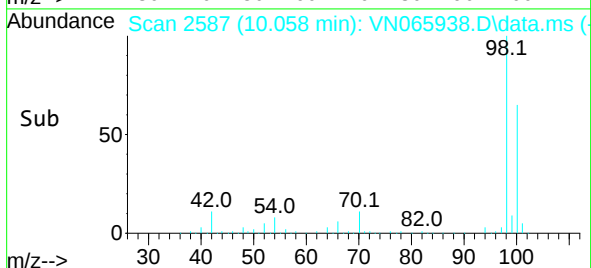
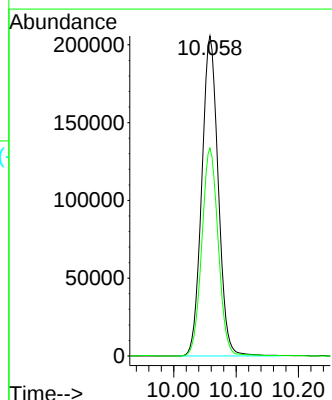
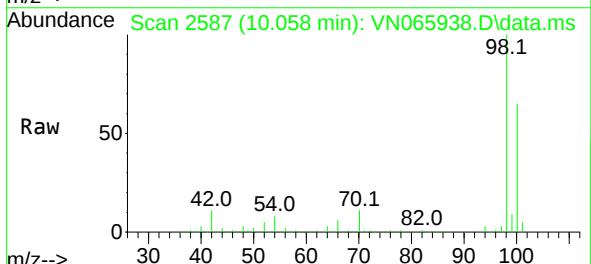
Instrument :
MSVOA_N
ClientSampled :

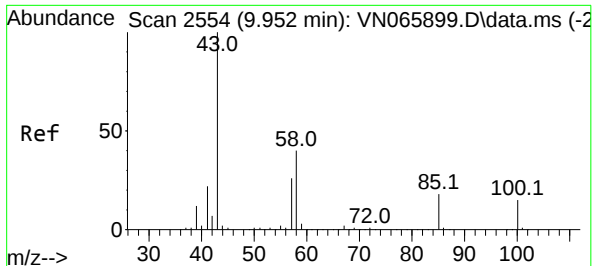
Tgt Ion: 41 Resp: 2909
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 49.42 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion: 98 Resp: 376957
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

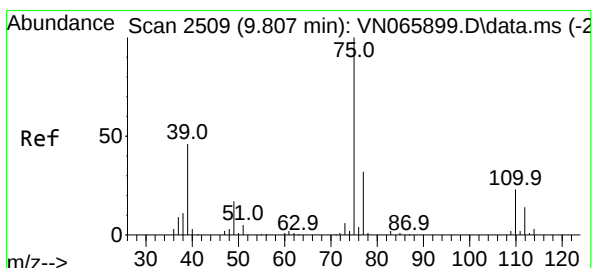
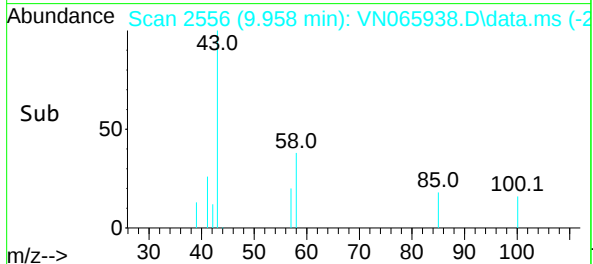
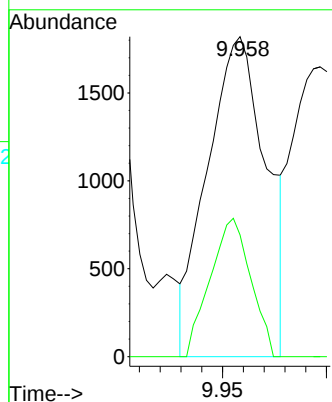
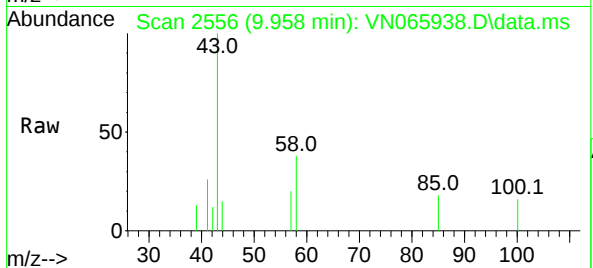




#51
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.006 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

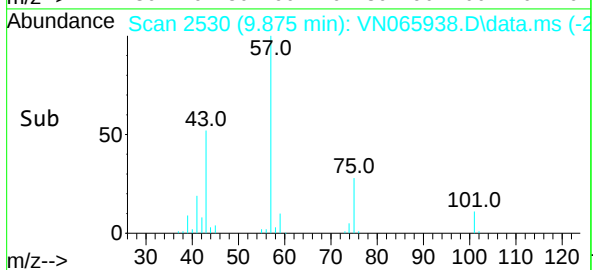
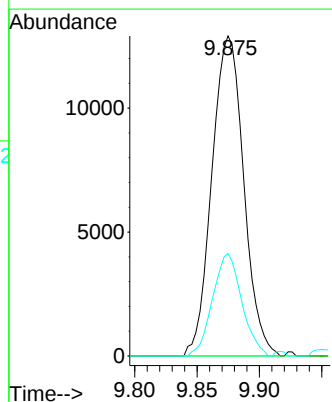
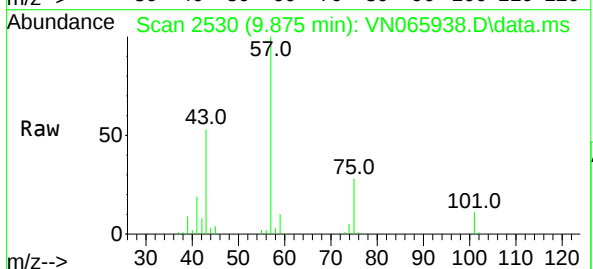
Instrument :
MSVOA_N
ClientSampled :

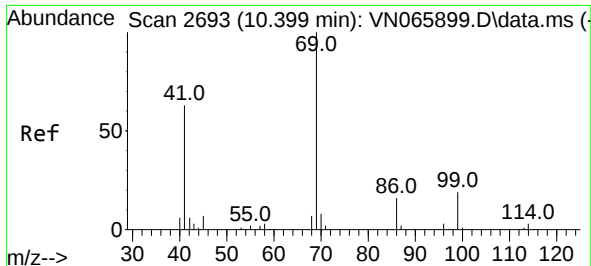
Tgt Ion: 43 Resp: 3565
Ion Ratio Lower Upper
43 100
58 29.9 32.5 48.7#



#54
cis-1,3-Dichloropropene
Concen: 6.42 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion: 75 Resp: 22954
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 32.1 36.2 54.4#

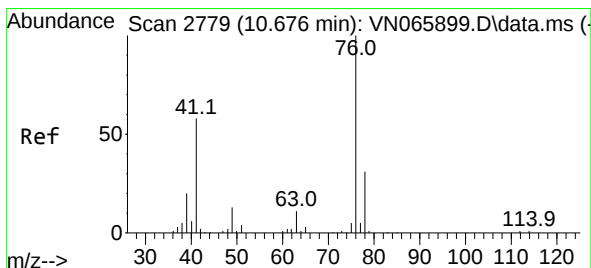
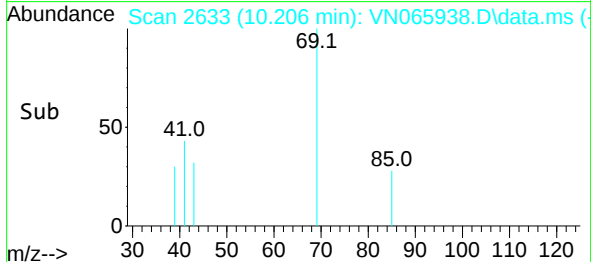
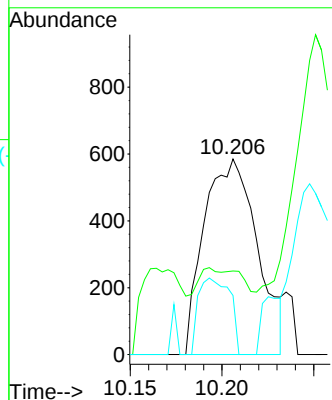
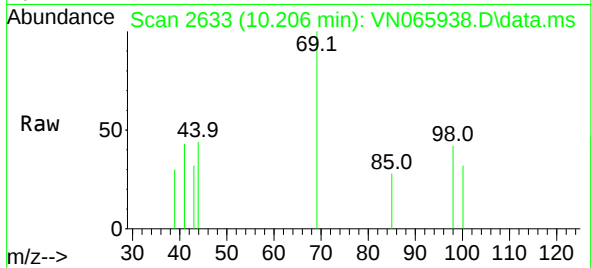




#56
Ethyl methacrylate
Concen: 0.37 ug/l
RT: 10.206 min Scan# 2633
Delta R.T. -0.193 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

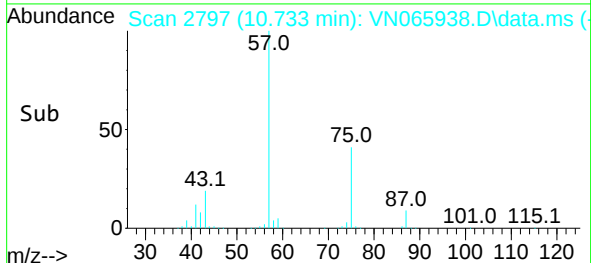
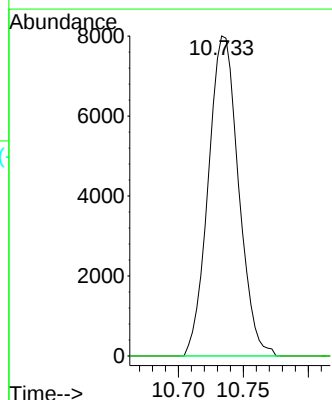
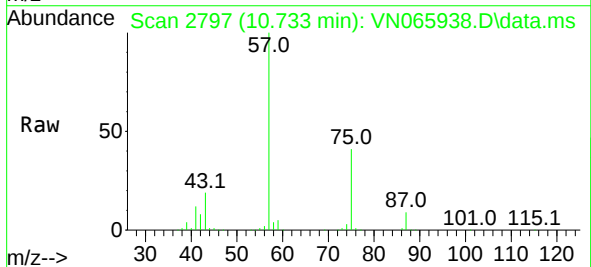
Instrument :
MSVOA_N
ClientSampled :

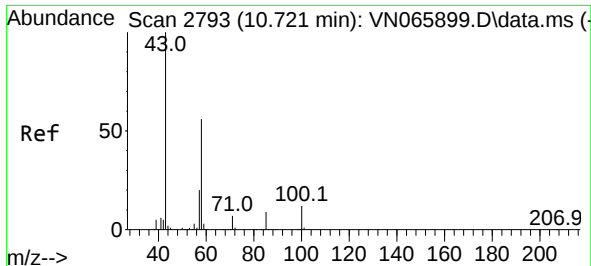
Tgt Ion: 69 Resp: 1177
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 23.3 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 3.52 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.057 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion: 76 Resp: 12950
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

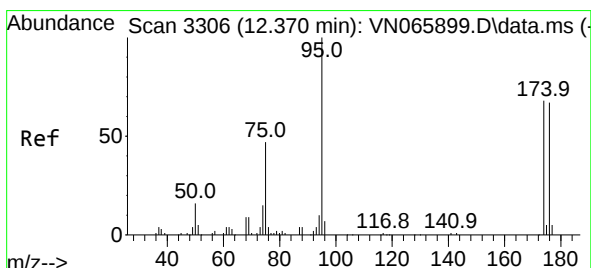
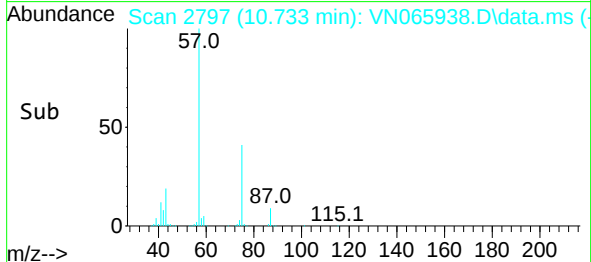
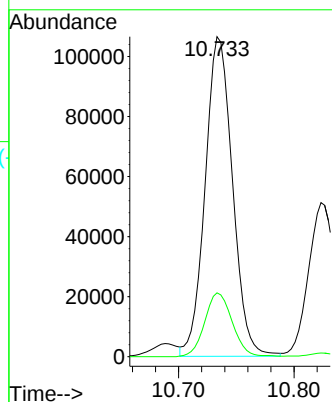
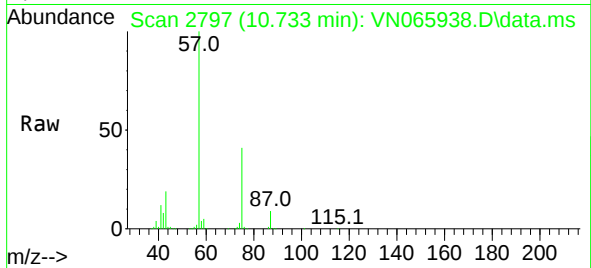




#59
2-Hexanone
Concen: 95.00 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.012 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

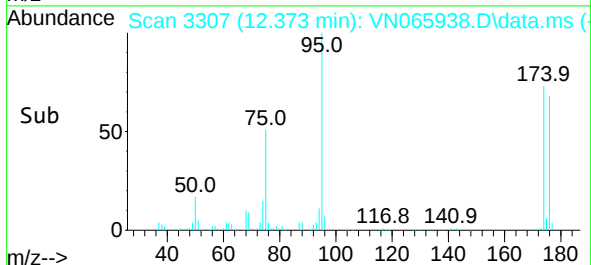
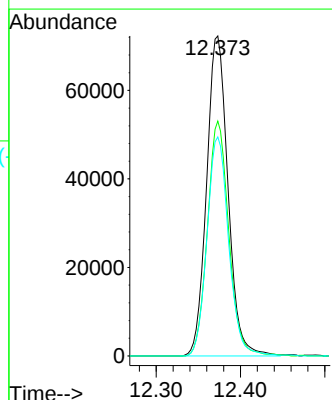
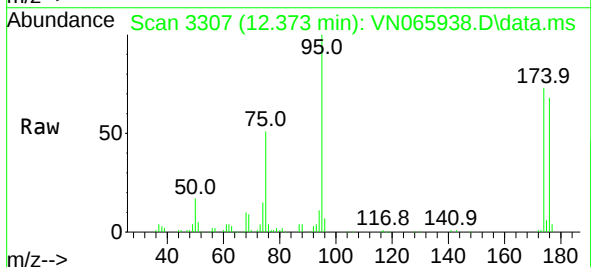
Instrument :
MSVOA_N
ClientSampled :

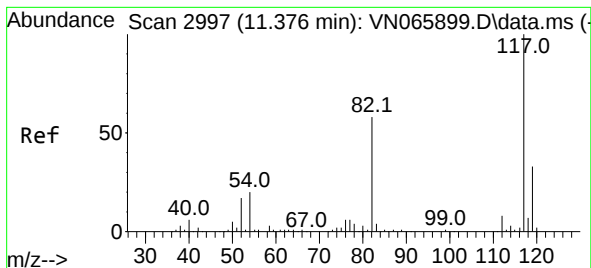
Tgt Ion: 43 Resp: 175424
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 44.61 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion: 95 Resp: 127722
Ion Ratio Lower Upper
95 100
174 73.4 0.0 169.0
176 69.3 0.0 162.4

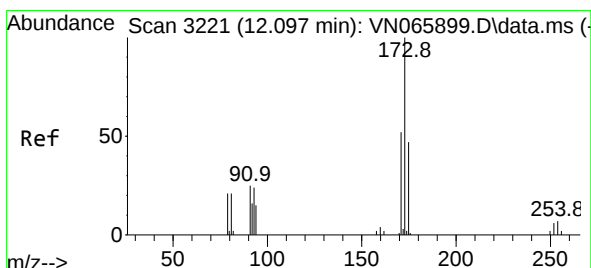
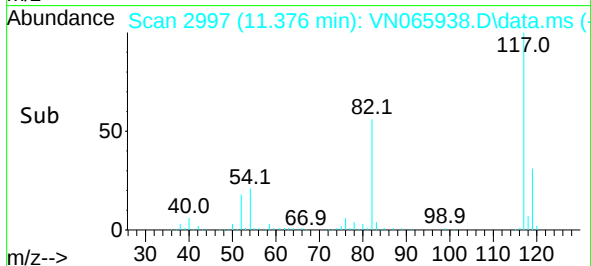
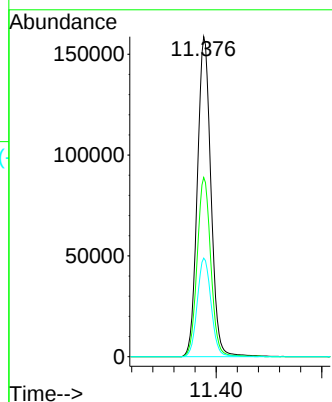
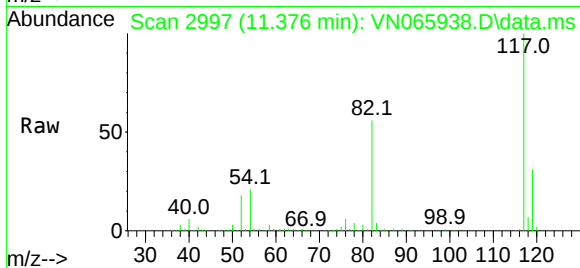




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

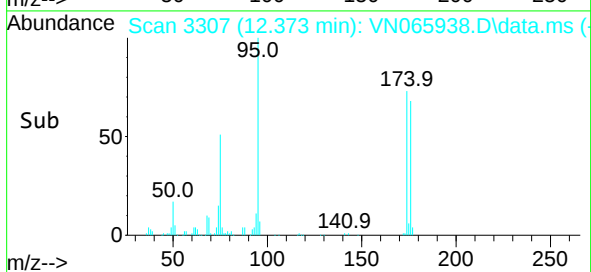
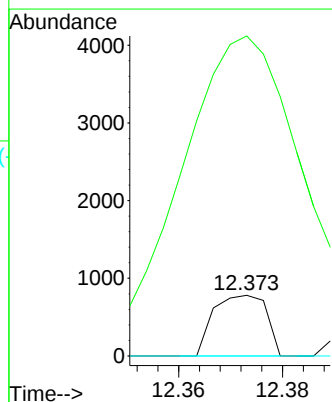
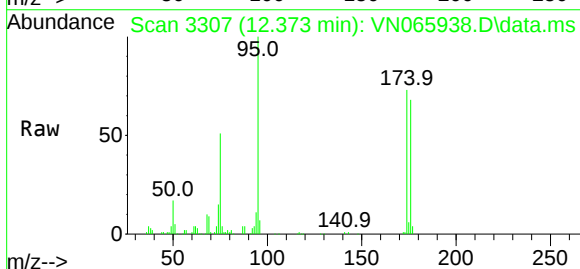
Instrument :
MSVOA_N
ClientSampled :

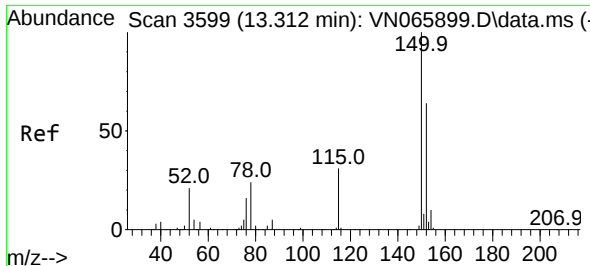
Tgt Ion:117 Resp: 282856
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 30.8 26.1 39.1



#71
Bromoform
Concen: 2.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.276 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion:173 Resp: 552
Ion Ratio Lower Upper
173 100
175 1077.7 23.8 71.2#
254 0.0 0.0 0.0

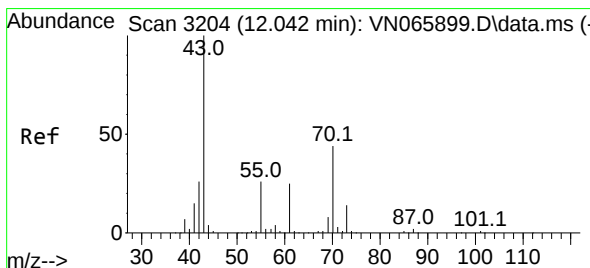
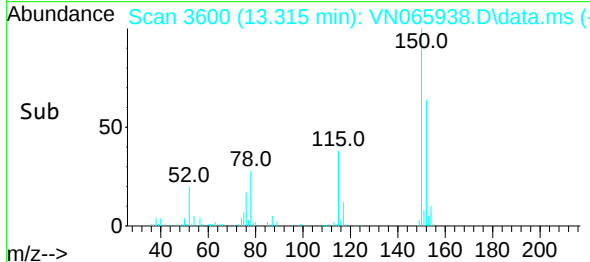
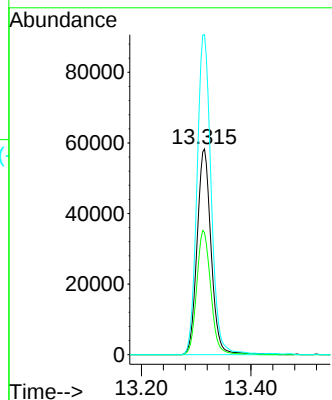
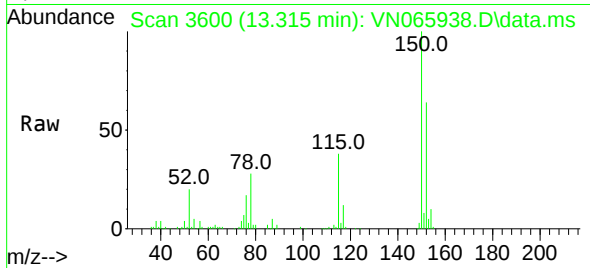




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

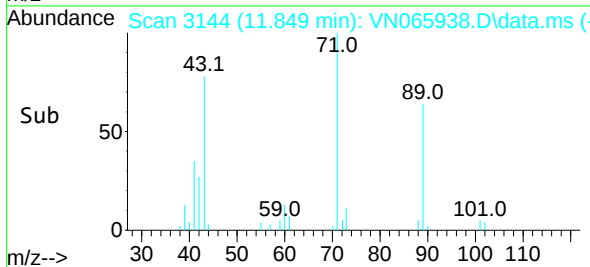
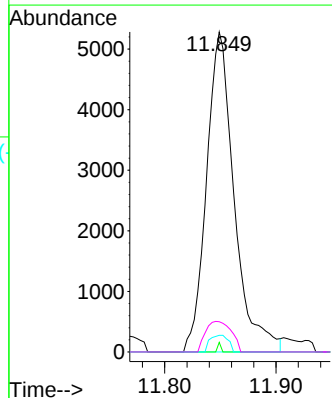
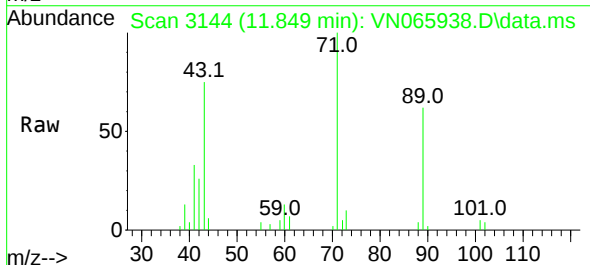
Instrument :
MSVOA_N
ClientSampled :

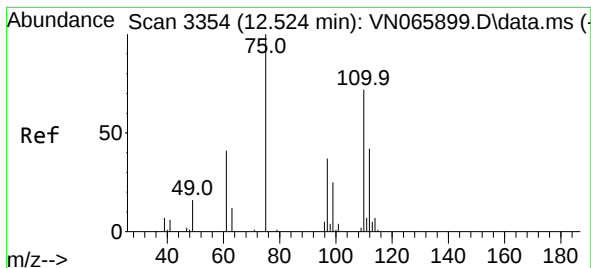
Tgt Ion:152 Resp: 103852
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.6
150 156.5 0.0 347.6



#74
N-ethyl acetate
Concen: 3.10 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.193 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

Tgt Ion: 43 Resp: 9125
Ion Ratio Lower Upper
43 100
70 0.3 34.4 51.6#
55 3.4 20.7 31.1#
61 8.9 19.1 28.7#

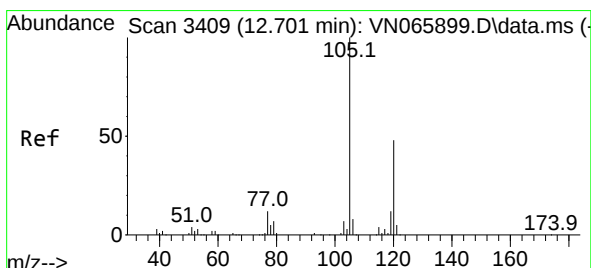
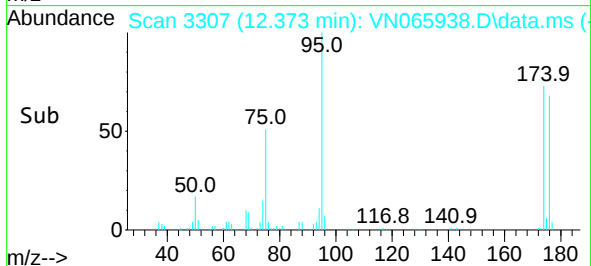
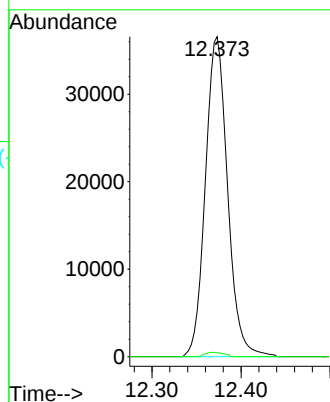
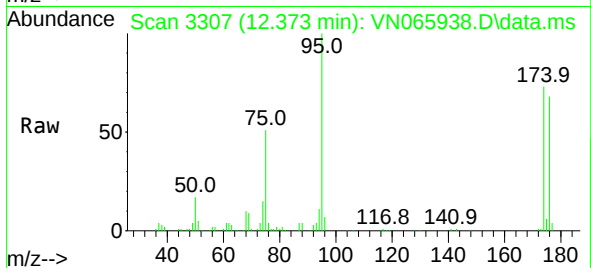




#76
1,2,3-Trichloropropane
Concen: 25.34 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

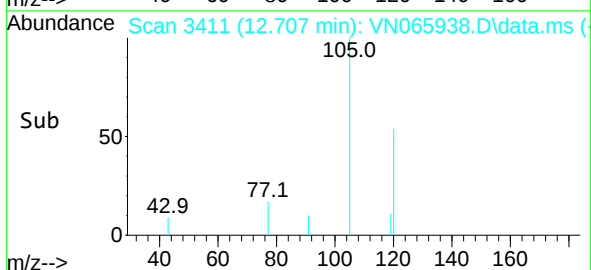
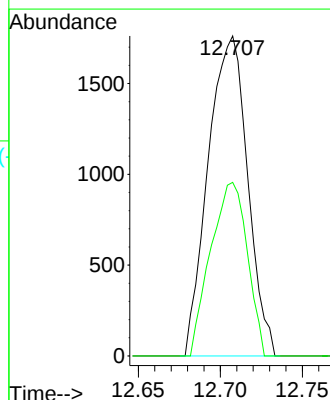
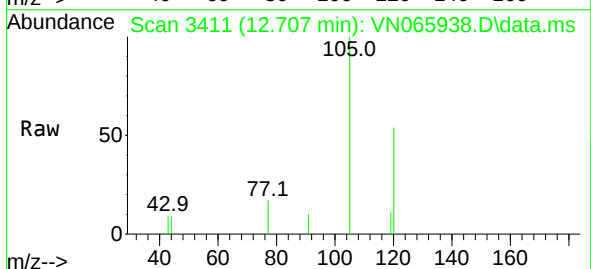
Instrument :
MSVOA_N
ClientSampleId :

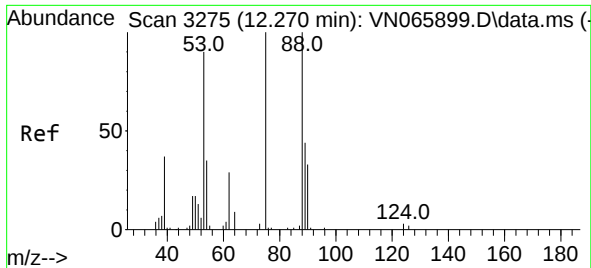
Tgt Ion: 75 Resp: 63222
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.41 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. 0.006 min
Lab File: VN065938.D
Acq: 18 Feb 2021 14:11

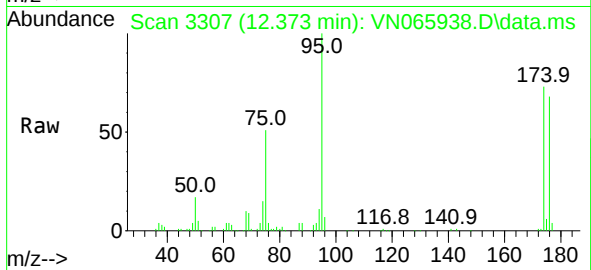
Tgt Ion: 105 Resp: 2941
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.8





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.76 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065938.D
 Acq: 18 Feb 2021 14:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 63222
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

