

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066661.D
 Acq On : 19 Apr 2021 14:42
 Operator : JC/MD
 Sample : M2075-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 04:56:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

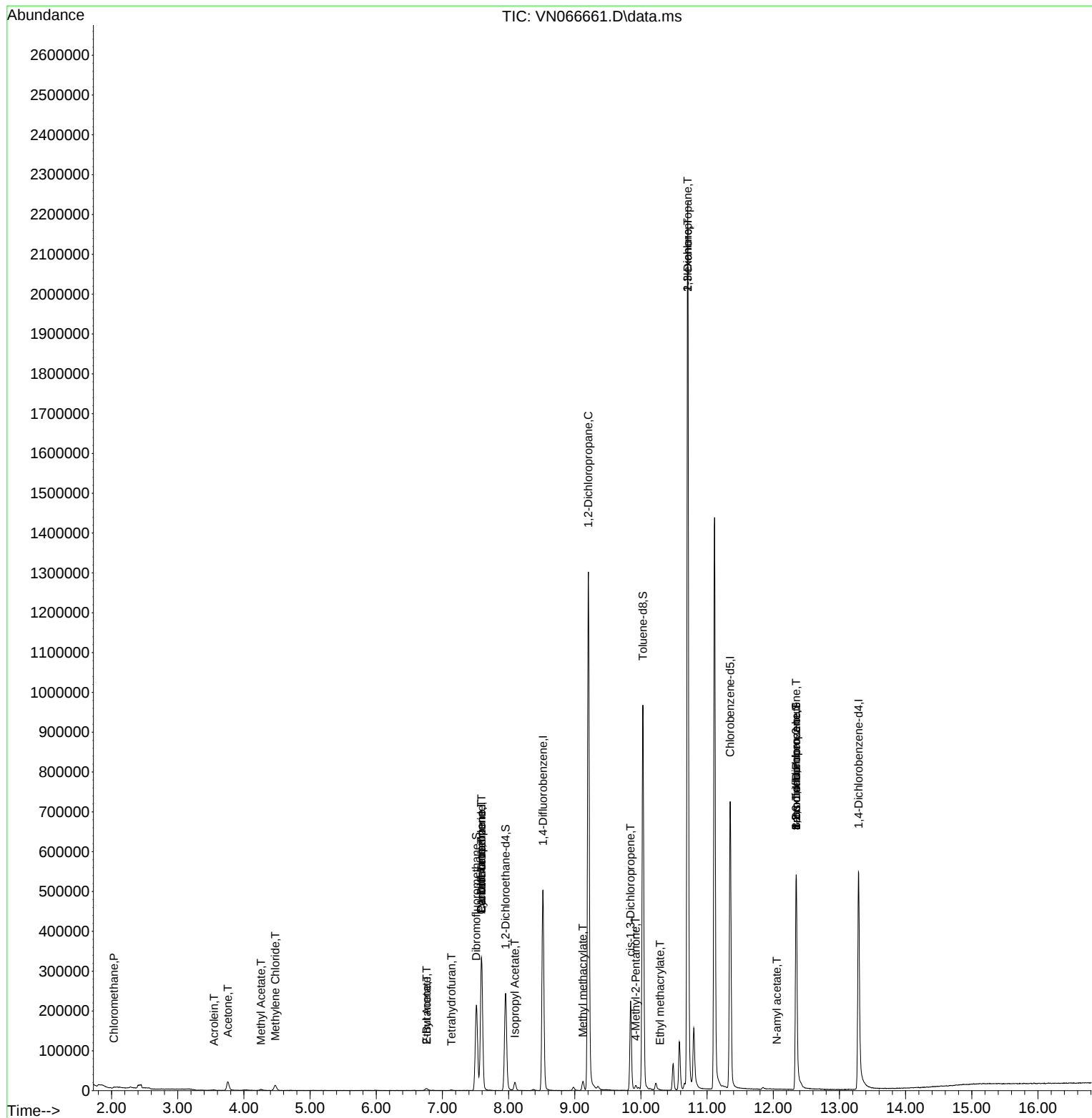
Internal Standards						
1) Pentafluorobenzene	7.591	168	289488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	459348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	437042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	188608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	211125	48.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.68%		
35) Dibromofluoromethane	7.513	113	168826	53.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.00%		
50) Toluene-d8	10.029	98	667808	53.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.98%		
62) 4-Bromofluorobenzene	12.346	95	215567	49.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.20%		
Target Compounds						Qvalue
3) Chloromethane	2.037	50	1432	0.28	ug/l	98
13) Acrolein	3.547	56	290	0.78	ug/l #	27
16) Acetone	3.758	43	38329	16.62	ug/l	96
18) Methyl Acetate	4.257	43	5282	1.12	ug/l #	80
20) Methylene Chloride	4.474	84	9992	2.42	ug/l	97
25) 2-Butanone	6.760	43	10453	4.06	ug/l #	89
29) Tetrahydrofuran	7.135	42	730	0.42	ug/l #	49
31) Cyclohexane	7.588	56	5631	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	21210	4.58	ug/l #	46
37) Ethyl Acetate	6.760	43	10453	1.99	ug/l #	68
38) Carbon Tetrachloride	7.591	117	25652	5.91	ug/l #	17
43) Isopropyl Acetate	8.095	43	25286	2.88	ug/l #	85
45) 1,2-Dichloropropane	9.205	63	1667	0.40	ug/l #	44
48) Methyl methacrylate	9.120	41	5548	1.41	ug/l #	10
51) 4-Methyl-2-Pentanone	9.922	43	9794	1.90	ug/l	88
54) cis-1,3-Dichloropropene	9.844	75	41177	6.81	ug/l #	63
56) Ethyl methacrylate	10.289	69	127	0.92	ug/l #	27
57) 1,3-Dichloropropane	10.707	76	22723	3.76	ug/l #	43
59) 2-Hexanone	10.707	43	331376	93.24	ug/l #	49
71) Bromoform	12.346	173	1541	0.59	ug/l #	1
74) N-amyl acetate	12.054	43	91	9.74	ug/l #	42
76) 1,2,3-Trichloropropane	12.346	75	105637	23.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.346	75	105637	74.05	ug/l #	12
88) 1,4-Dichlorobenzene	13.317	146	84	Below Cal	#	25

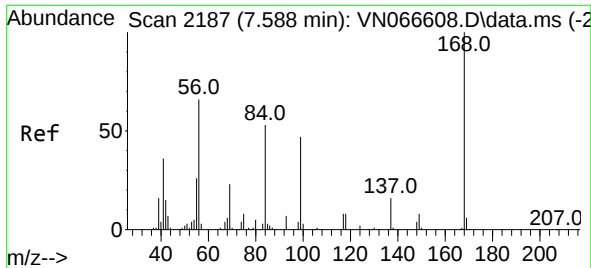
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

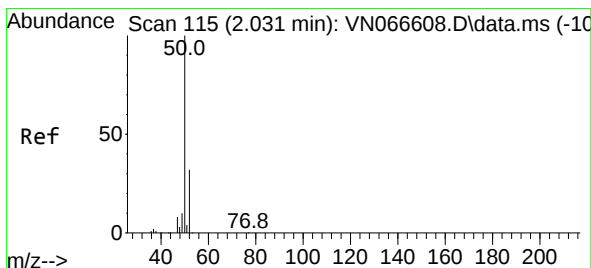
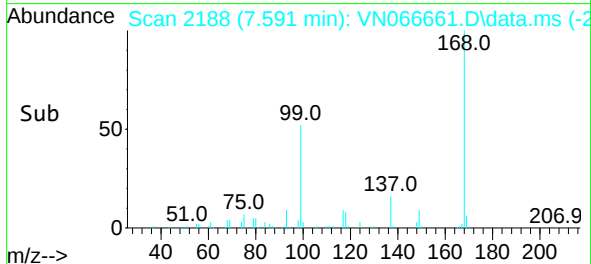
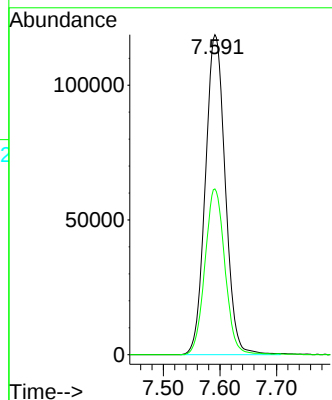
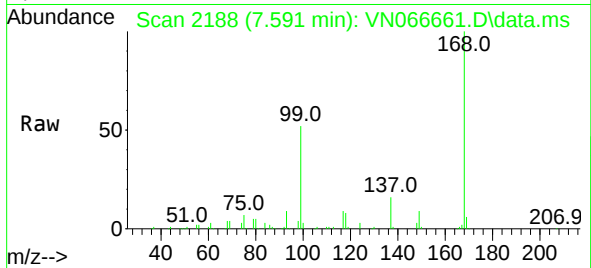




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

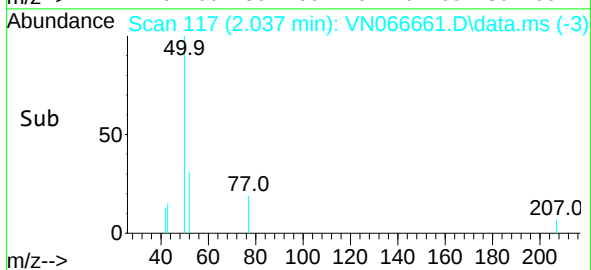
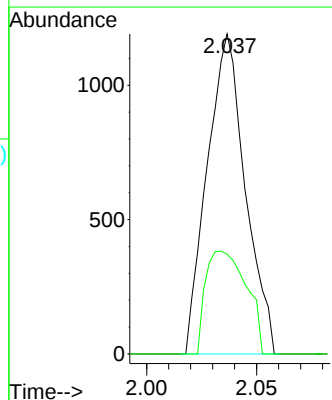
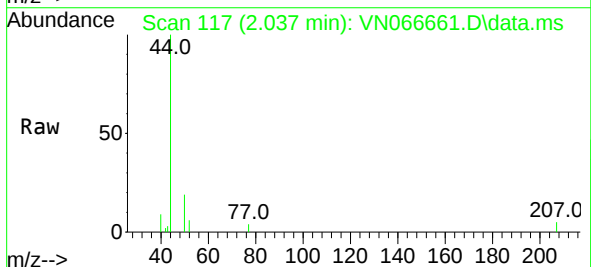
Instrument :
MSVOA_N
ClientSampled :

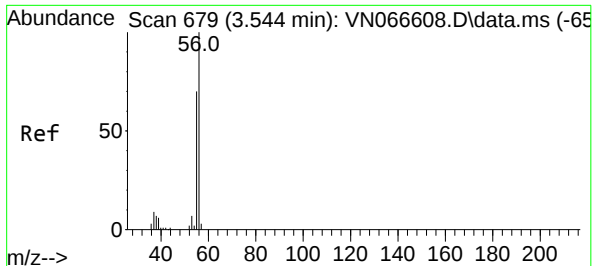
Tgt Ion:168 Resp: 289488
Ion Ratio Lower Upper
168 100
99 51.8 42.6 63.8



#3
Chloromethane
Concen: 0.28 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

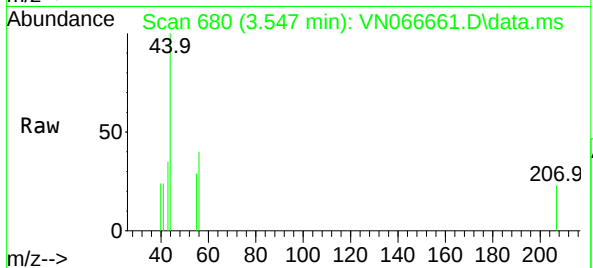
Tgt Ion: 50 Resp: 1432
Ion Ratio Lower Upper
50 100
52 31.2 25.8 38.8



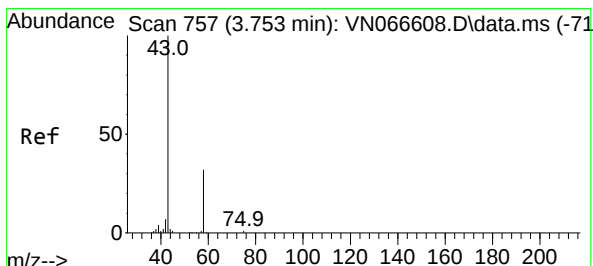
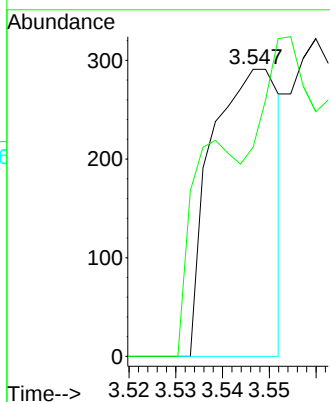
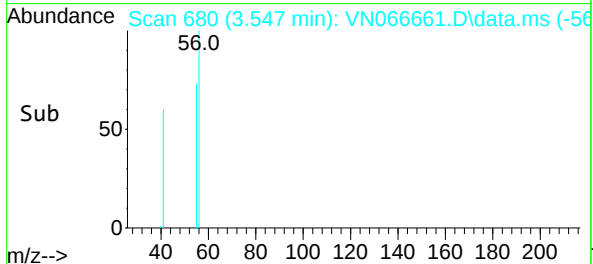


#13
Acrolein
Concen: 0.78 ug/l
RT: 3.547 min Scan# 680
Delta R.T. 0.003 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

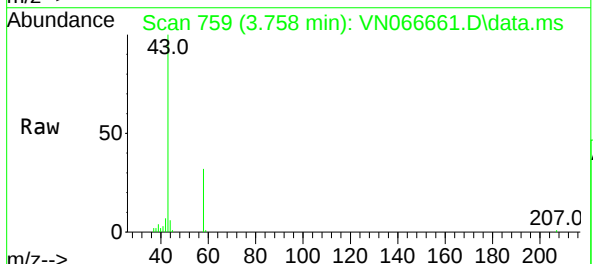
Instrument :
MSVOA_N
ClientSampled :



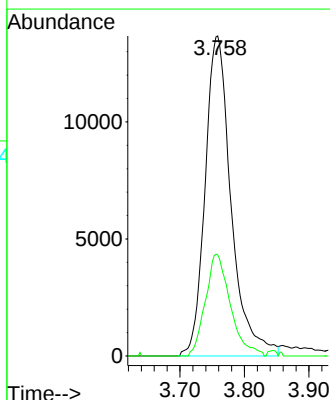
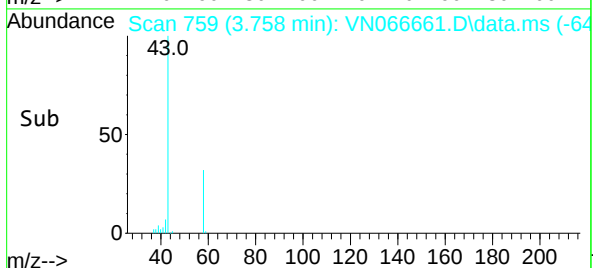
Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
55 129.7 56.0 84.0#

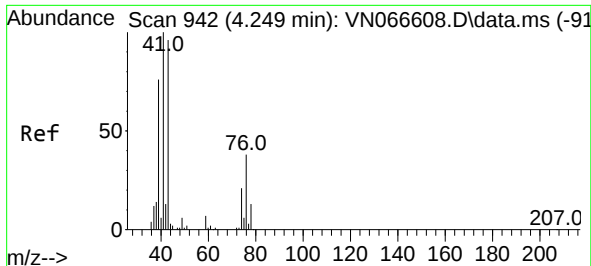


#16
Acetone
Concen: 16.62 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.005 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42



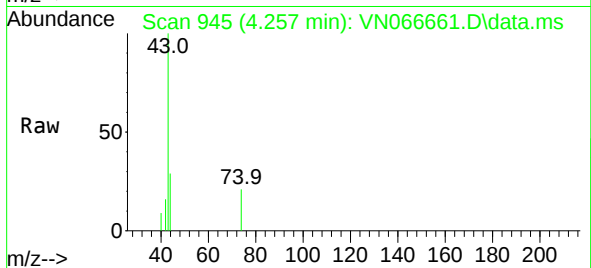
Tgt Ion: 43 Resp: 38329
Ion Ratio Lower Upper
43 100
58 31.6 27.0 40.6



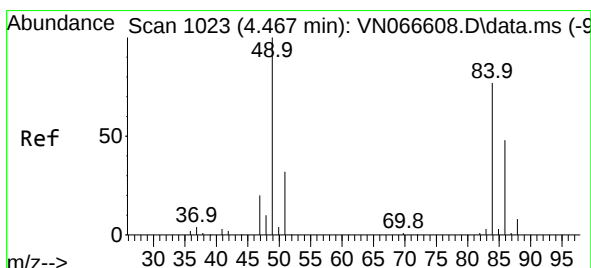
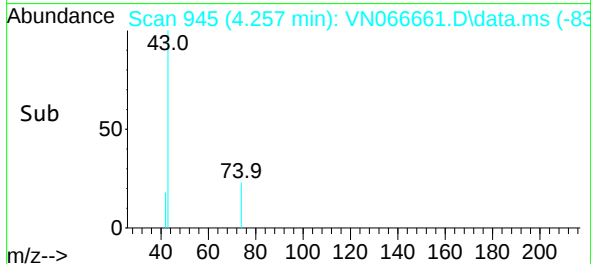
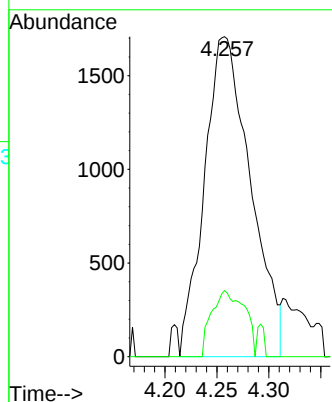


#18
Methyl Acetate
Concen: 1.12 ug/l
RT: 4.257 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Instrument :
MSVOA_N
ClientSampled :

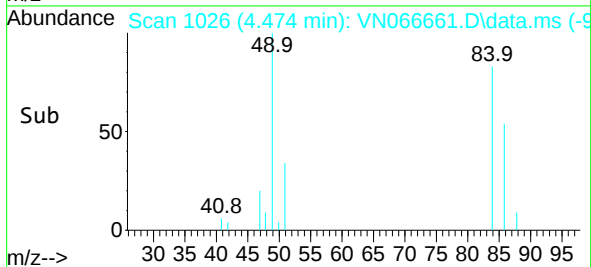
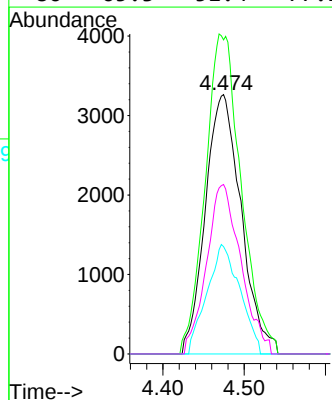
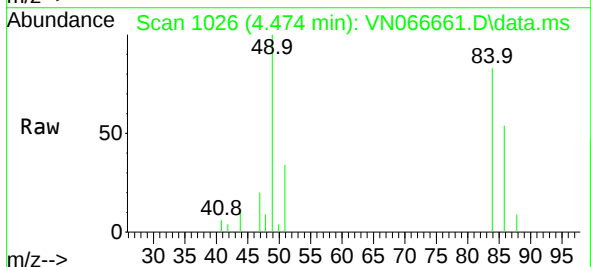


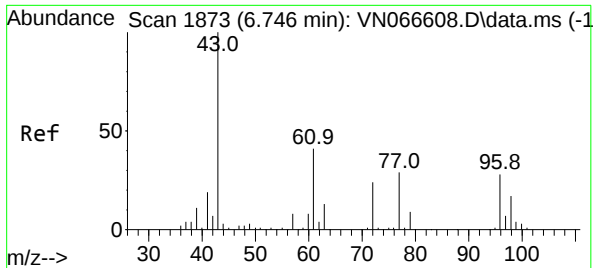
Tgt Ion: 43 Resp: 5282
Ion Ratio Lower Upper
43 100
74 14.7 19.5 29.3#



#20
Methylene Chloride
Concen: 2.42 ug/l
RT: 4.474 min Scan# 1026
Delta R.T. 0.007 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Tgt Ion: 84 Resp: 9992
Ion Ratio Lower Upper
84 100
49 121.1 94.6 141.8
51 41.4 29.9 44.9
86 65.3 51.4 77.2

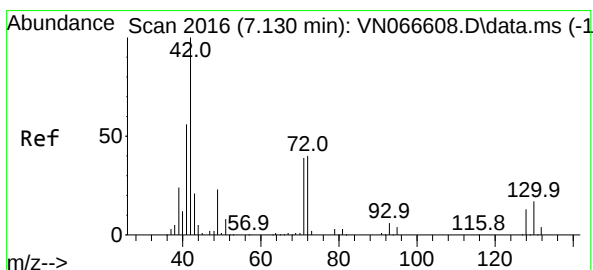
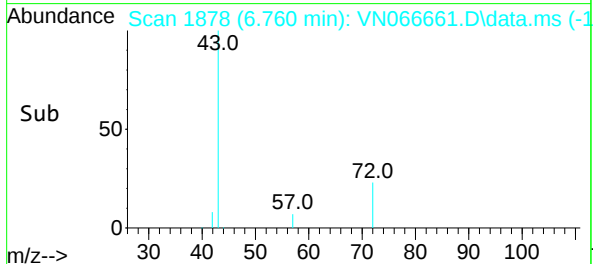
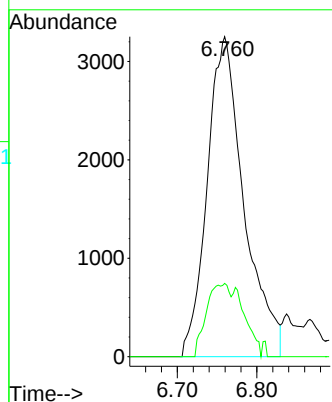
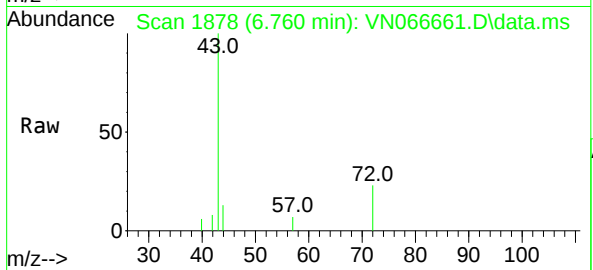




#25
2-Butanone
Concen: 4.06 ug/l
RT: 6.760 min Scan# 1878
Delta R.T. 0.014 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

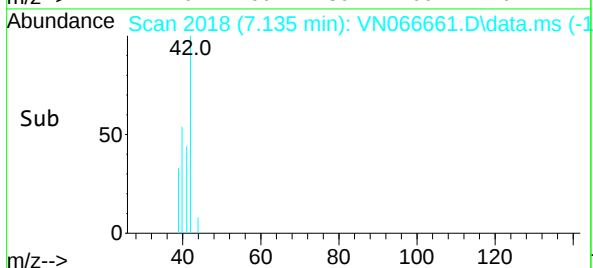
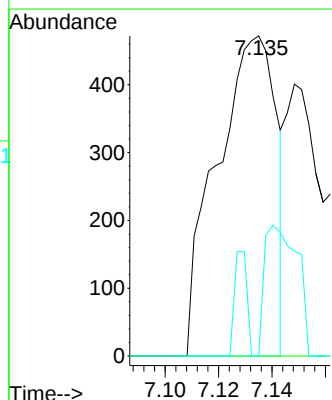
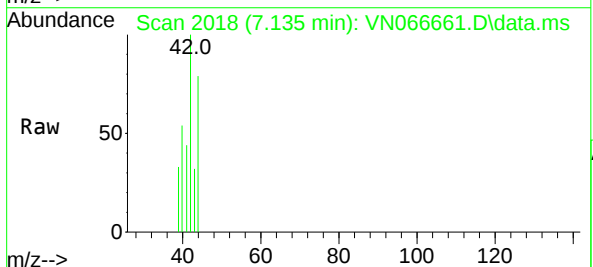
Instrument :
MSVOA_N
ClientSampled :

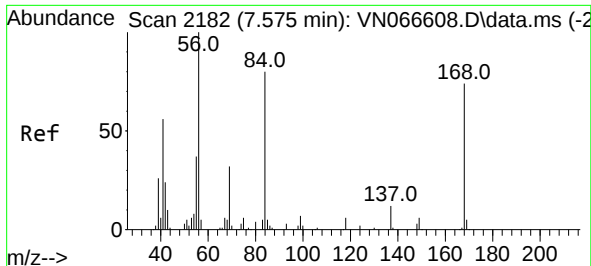
Tgt Ion: 43 Resp: 10453
Ion Ratio Lower Upper
43 100
72 22.9 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 7.135 min Scan# 2018
Delta R.T. 0.005 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

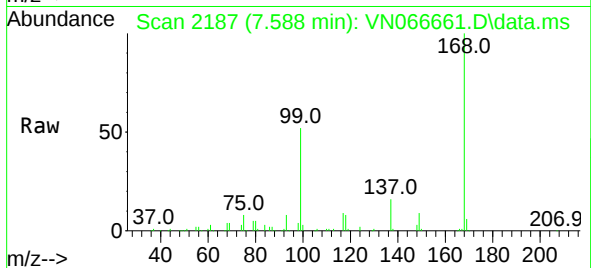
Tgt Ion: 42 Resp: 730
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 22.5 34.3 51.5#



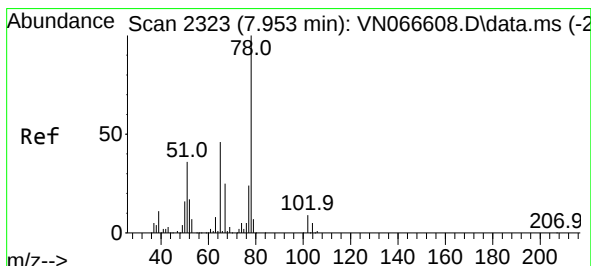
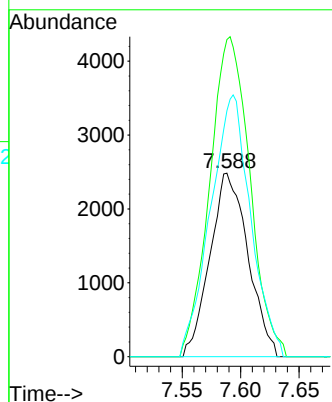
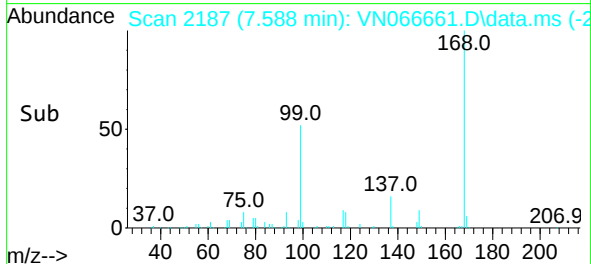


#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

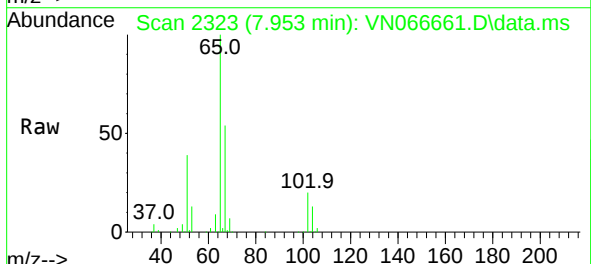
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ClientSampleId :



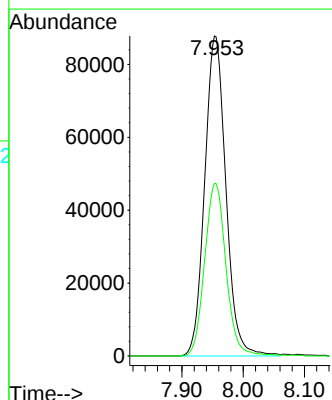
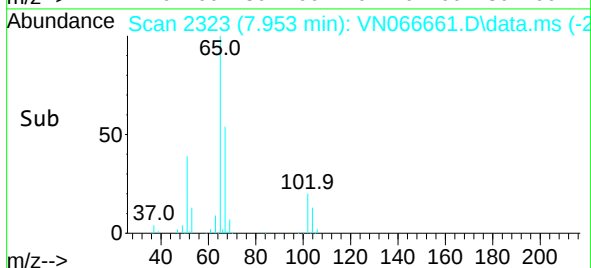
Tgt Ion: 56 Resp: 5631
Ion Ratio Lower Upper
56 100
69 172.9 26.6 39.8#
84 134.0 70.4 105.6#

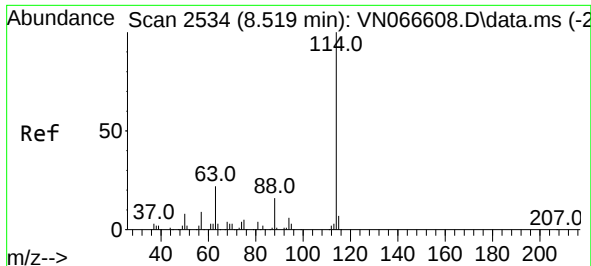


#33
1,2-Dichloroethane-d4
Concen: 48.34 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42



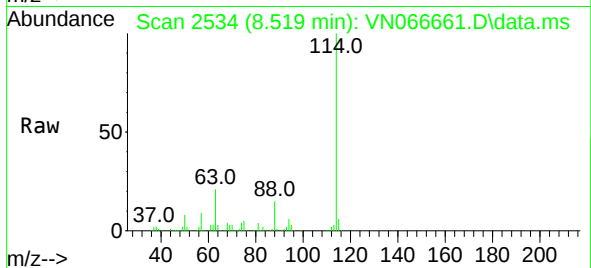
Tgt Ion: 65 Resp: 211125
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



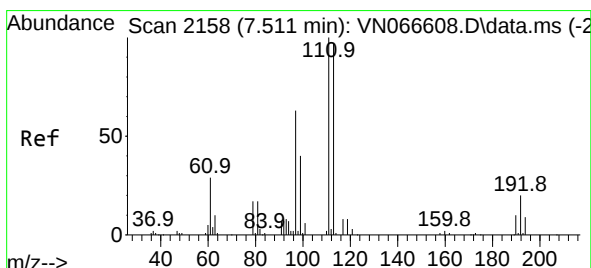
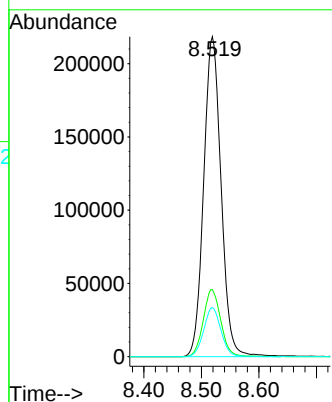
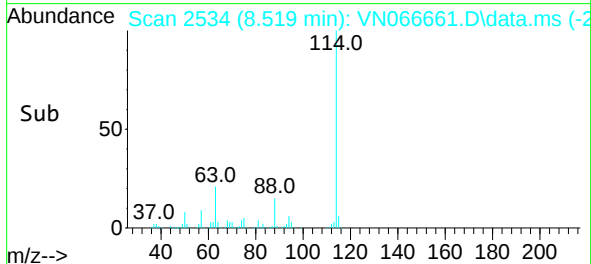


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

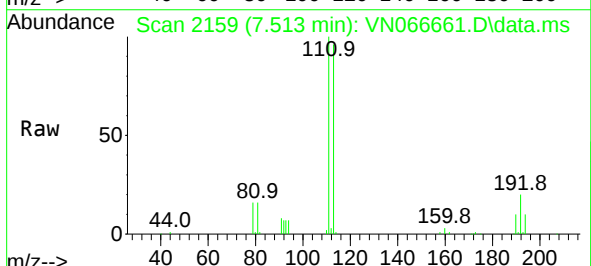
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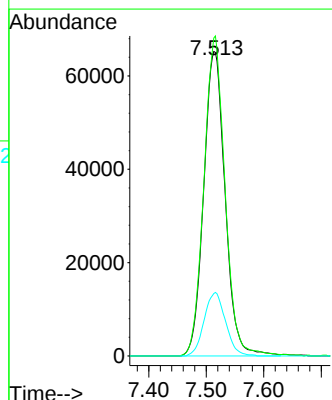
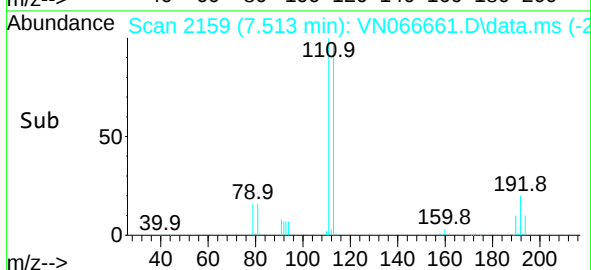
Tgt Ion:114 Resp: 459348
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 15.4 0.0 30.6

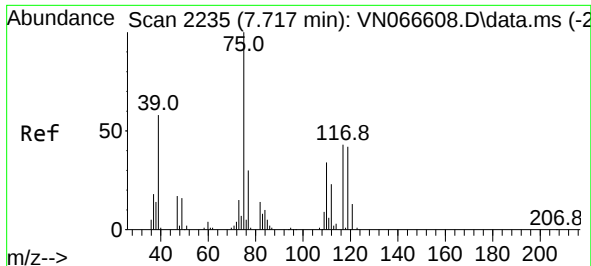


#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.002 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42



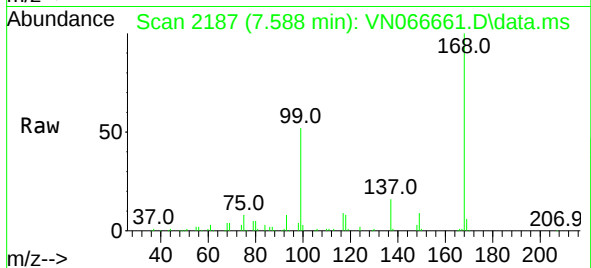
Tgt Ion:113 Resp: 168826
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.9 15.4 23.0



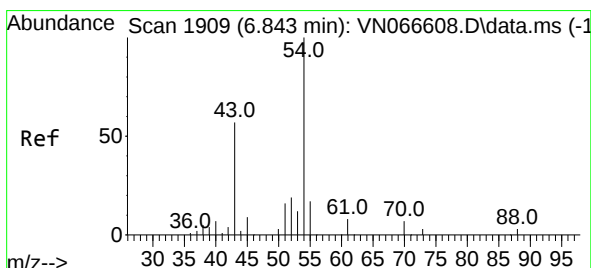
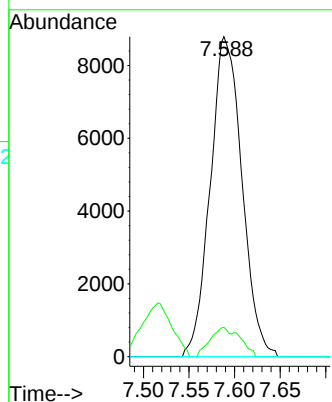
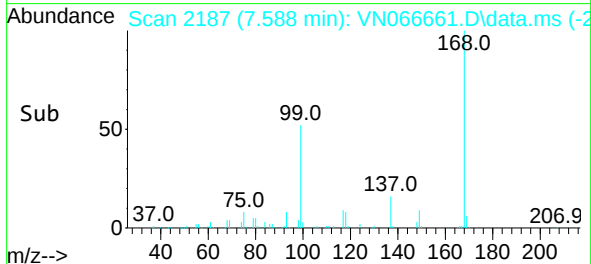


#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

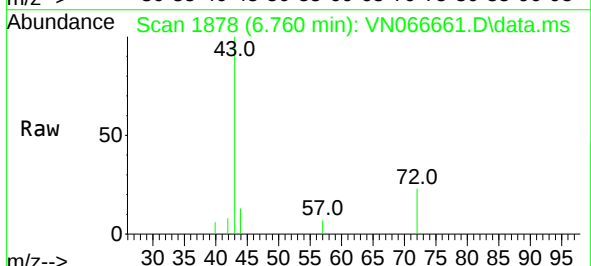
Instrument :
MSVOA_N
ClientSampled :



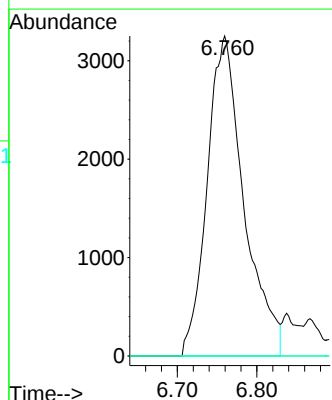
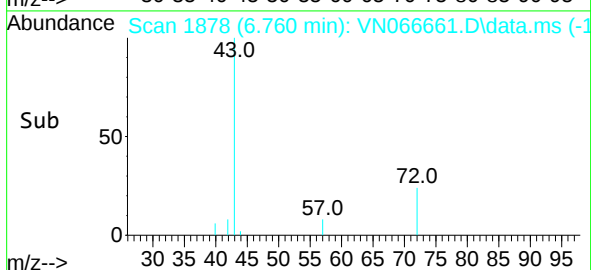
Tgt Ion: 75 Resp: 21210
Ion Ratio Lower Upper
75 100
110 5.8 18.2 54.6#
77 0.0 24.9 37.3#

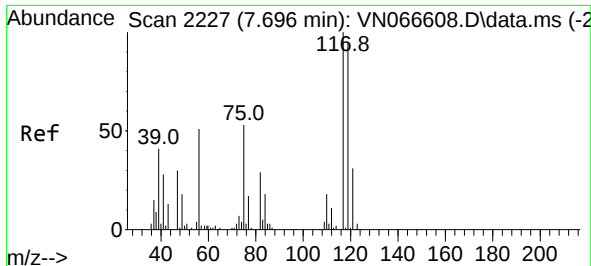


#37
Ethyl Acetate
Concen: 1.99 ug/l
RT: 6.760 min Scan# 1878
Delta R.T. -0.083 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42



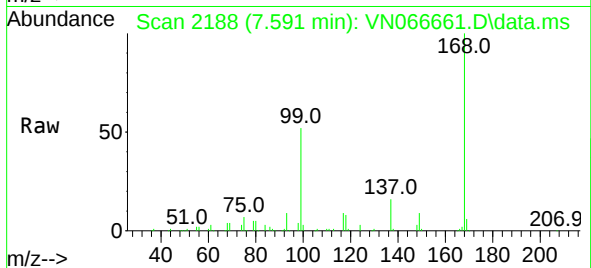
Tgt Ion: 43 Resp: 10453
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



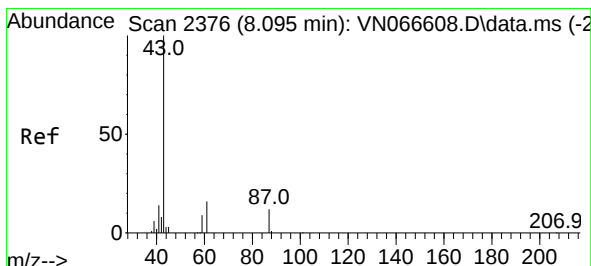
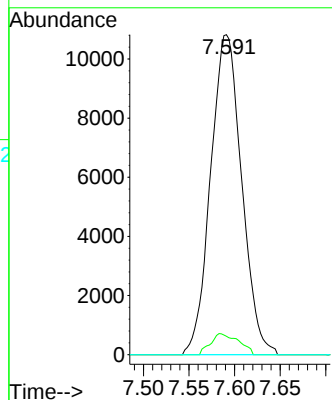
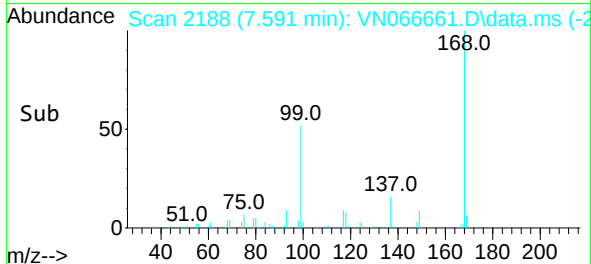


#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.105 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

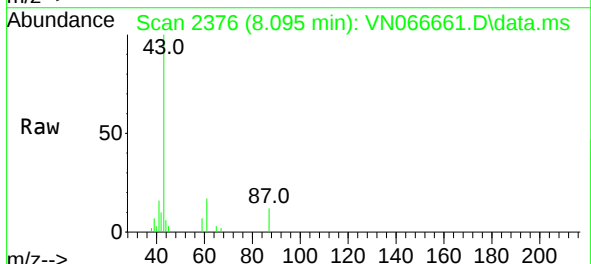
Instrument :
MSVOA_N
ClientSampled :



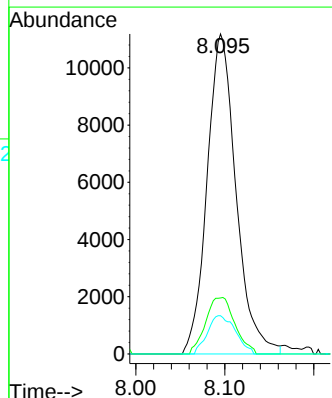
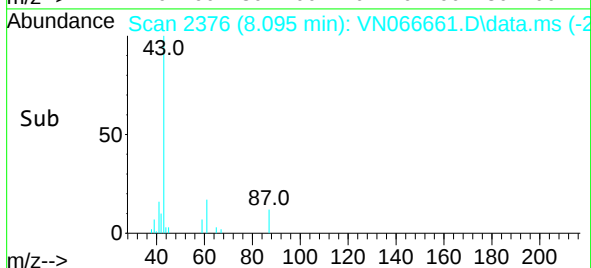
Tgt Ion: 117 Resp: 25652
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#

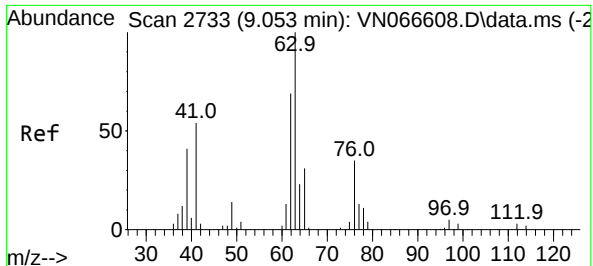


#43
Isopropyl Acetate
Concen: 2.88 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.000 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42



Tgt Ion: 43 Resp: 25286
Ion Ratio Lower Upper
43 100
61 17.8 22.5 33.7#
87 11.6 11.1 16.7



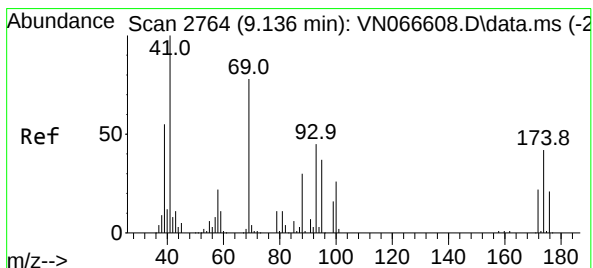
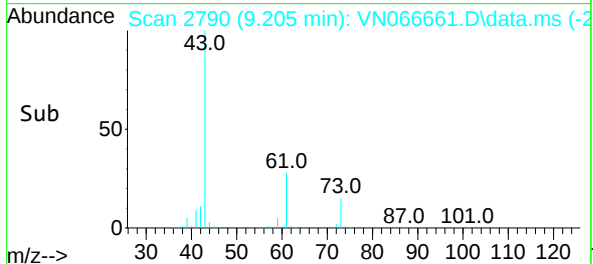
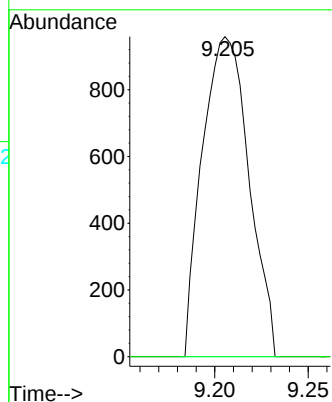
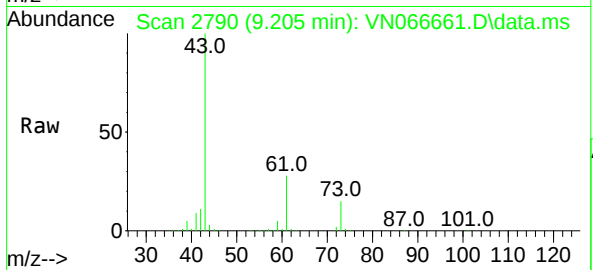


#45

1,2-Dichloropropane
Concen: 0.40 ug/l
RT: 9.205 min Scan# 2790
Delta R.T. 0.152 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Instrument :
MSVOA_N
ClientSampled :

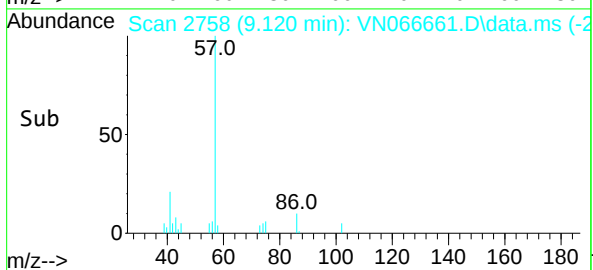
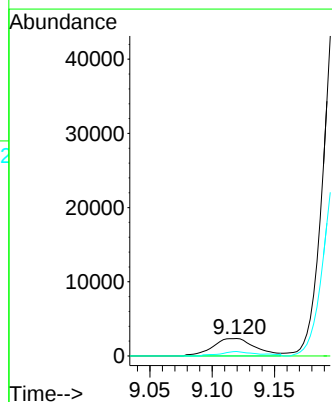
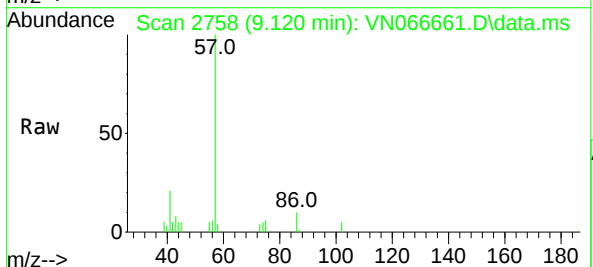
Tgt Ion: 63 Resp: 1667
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

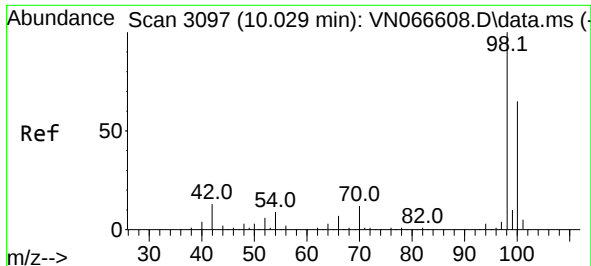


#48

Methyl methacrylate
Concen: 1.41 ug/l
RT: 9.120 min Scan# 2758
Delta R.T. -0.016 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Tgt Ion: 41 Resp: 5548
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

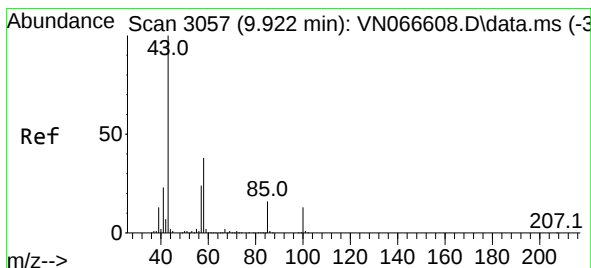
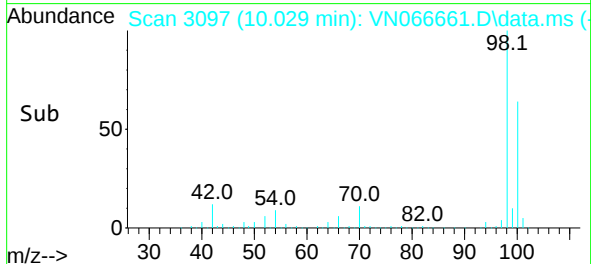
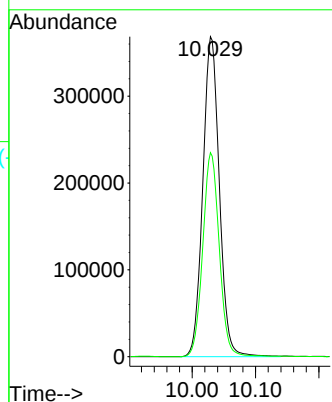
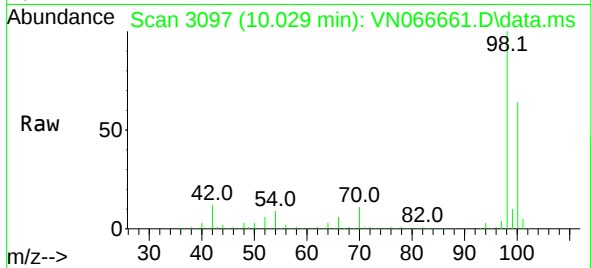




#50
Toluene-d8
Concen: 53.49 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

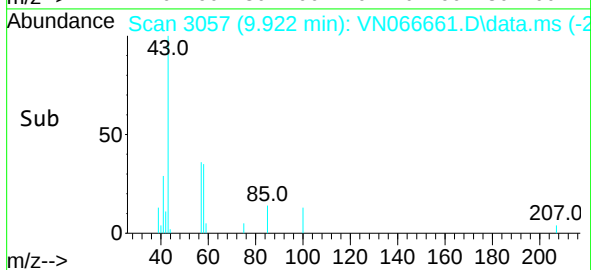
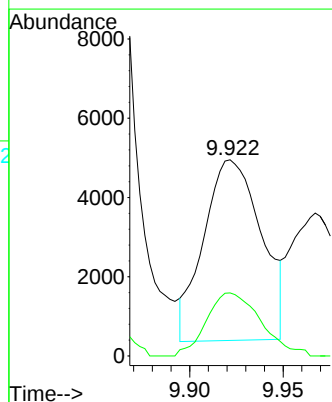
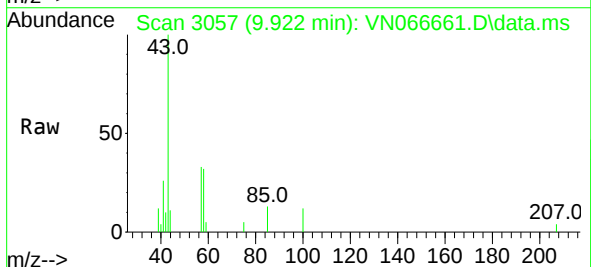
Instrument :
MSVOA_N
ClientSampled :

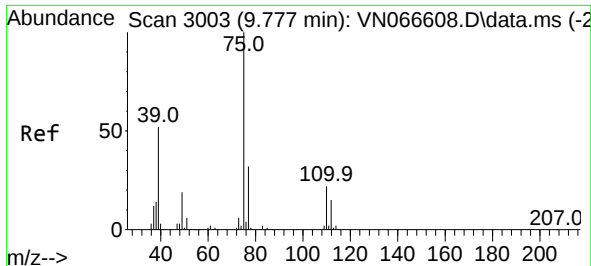
Tgt Ion: 98 Resp: 667808
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.90 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

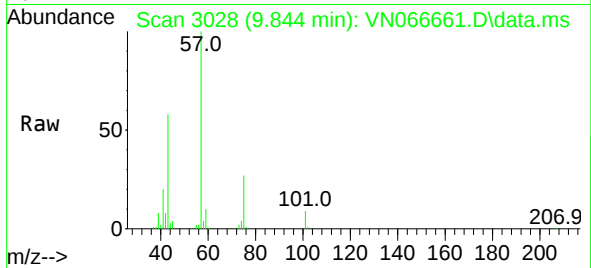
Tgt Ion: 43 Resp: 9794
Ion Ratio Lower Upper
43 100
58 32.9 32.5 48.7



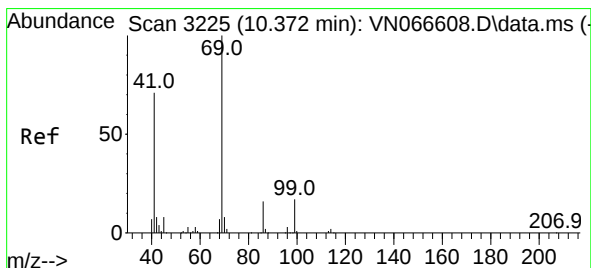
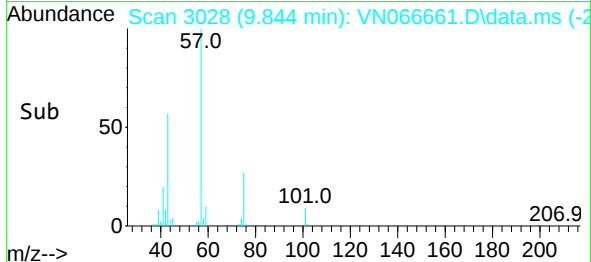
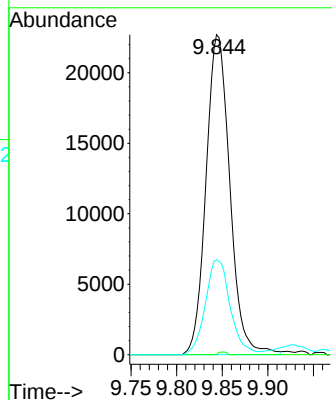


#54
 cis-1,3-Dichloropropene
 Concen: 6.81 ug/l
 RT: 9.844 min Scan# 3028
 Delta R.T. 0.067 min
 Lab File: VN066661.D
 Acq: 19 Apr 2021 14:42

Instrument :
 MSVOA_N
 ClientSampleId :

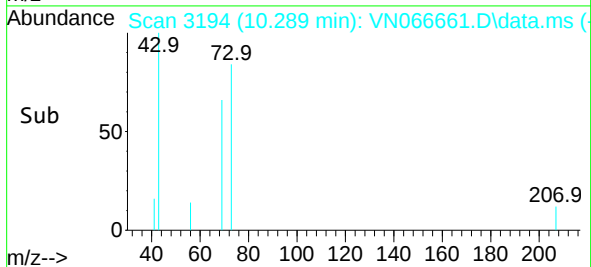
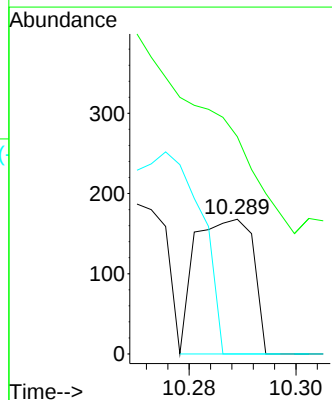
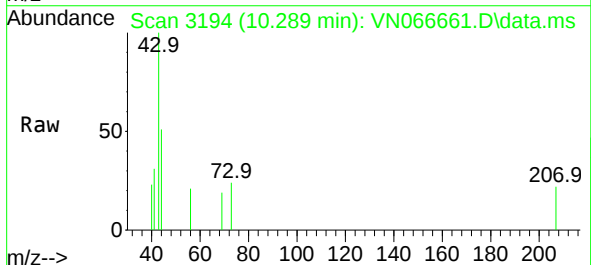


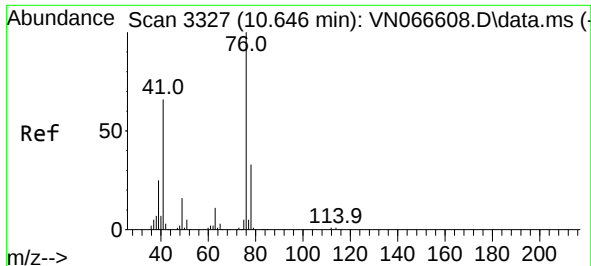
Tgt Ion: 75 Resp: 41177
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 29.6 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.92 ug/l
 RT: 10.289 min Scan# 3194
 Delta R.T. -0.083 min
 Lab File: VN066661.D
 Acq: 19 Apr 2021 14:42

Tgt Ion: 69 Resp: 127
 Ion Ratio Lower Upper
 69 100
 41 0.0 49.6 74.4#
 39 0.0 28.0 42.0#

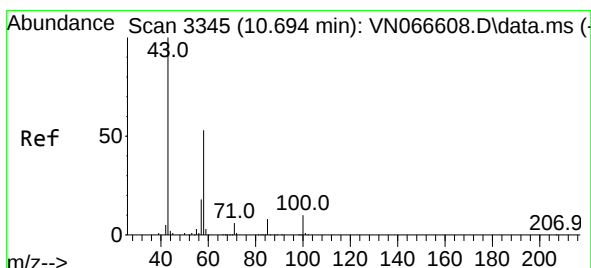
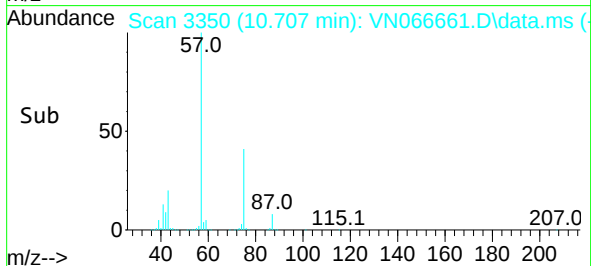
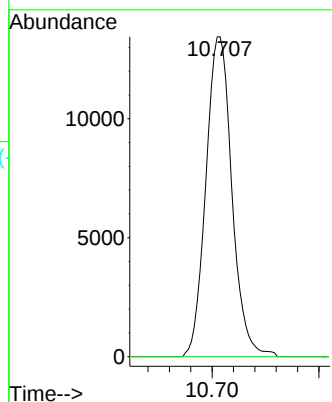
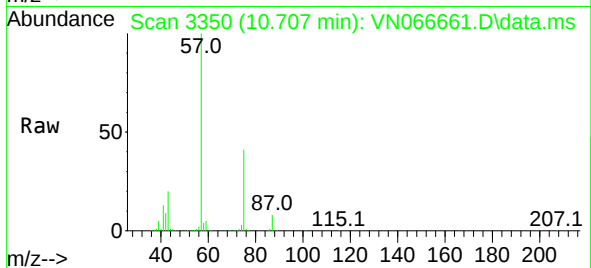




#57
1,3-Dichloropropane
Concen: 3.76 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.061 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

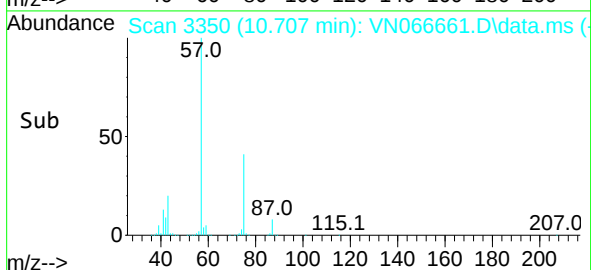
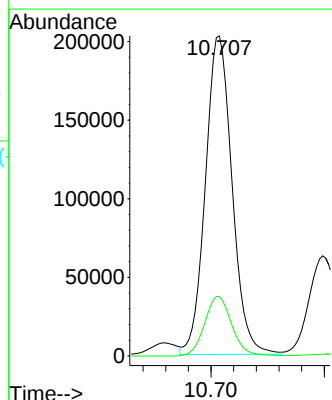
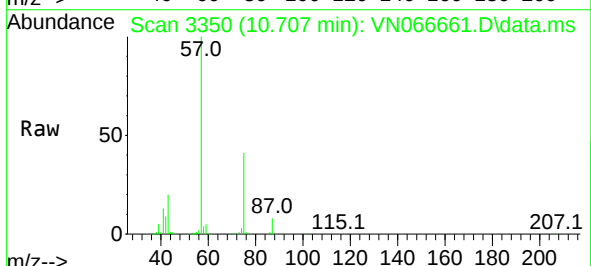
Instrument :
MSVOA_N
ClientSampled :

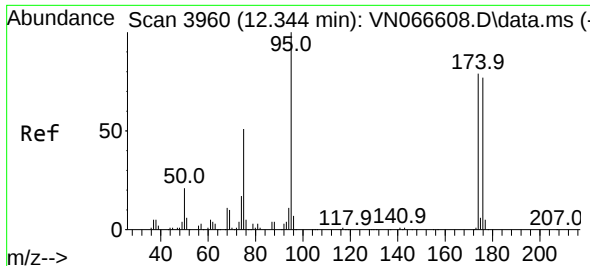
Tgt Ion: 76 Resp: 22723
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 93.24 ug/l
RT: 10.707 min Scan# 3350
Delta R.T. 0.013 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Tgt Ion: 43 Resp: 331376
Ion Ratio Lower Upper
43 100
58 19.1 28.1 84.3#

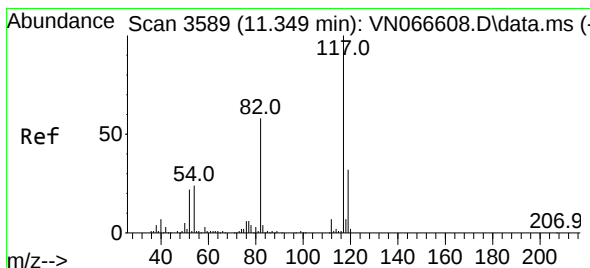
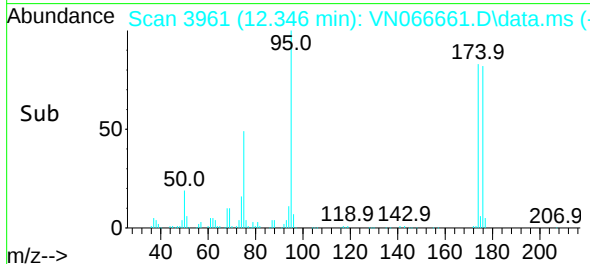
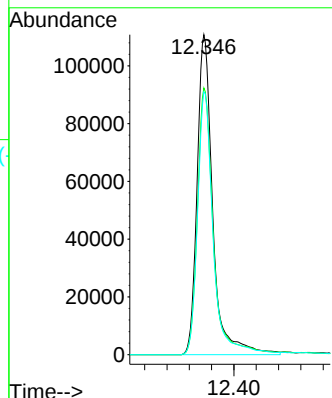
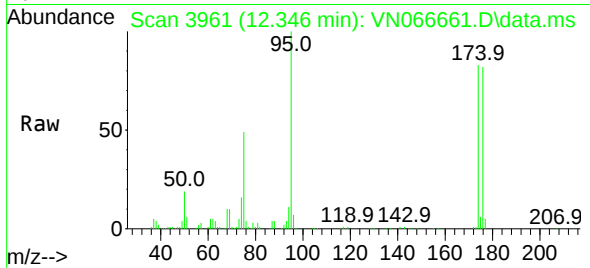




#62
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.002 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

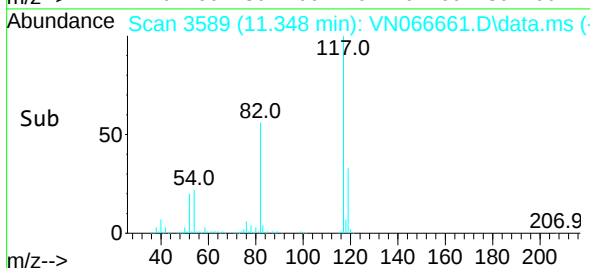
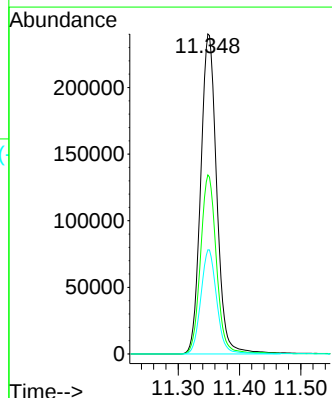
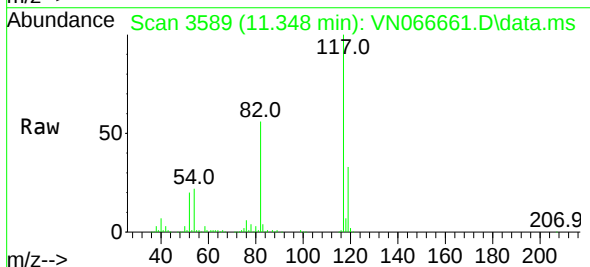
Instrument :
MSVOA_N
ClientSampleId :

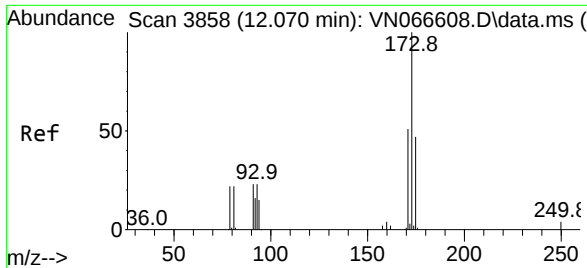
Tgt Ion: 95 Resp: 215567
Ion Ratio Lower Upper
95 100
174 85.0 0.0 169.0
176 82.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Tgt Ion: 117 Resp: 437042
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 32.6 26.1 39.1

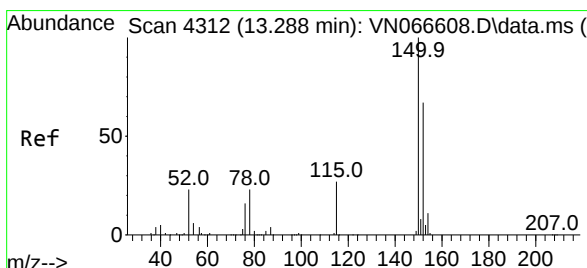
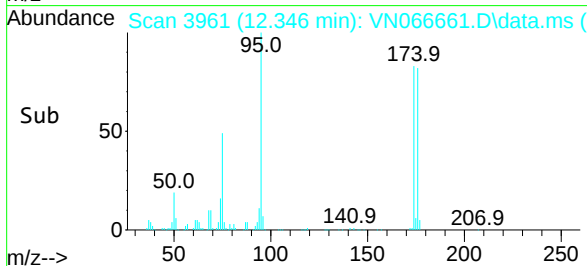
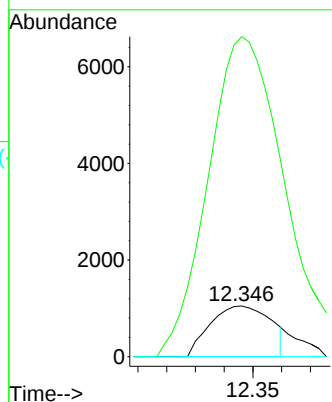
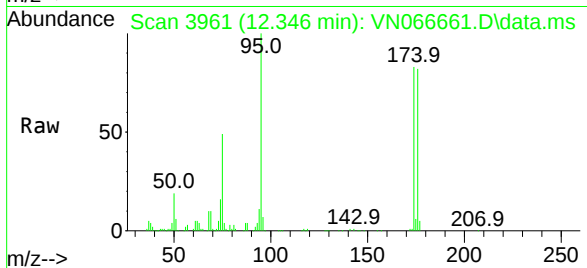




#71
Bromoform
Concen: 0.59 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.276 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

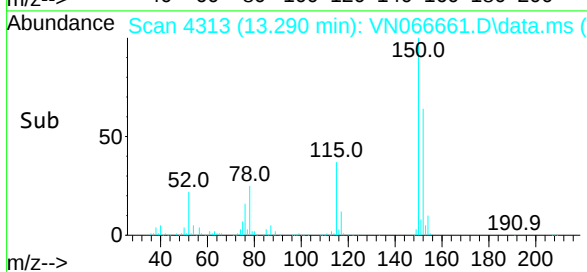
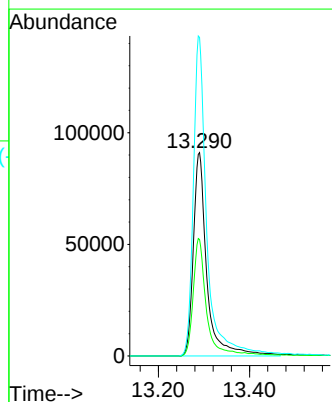
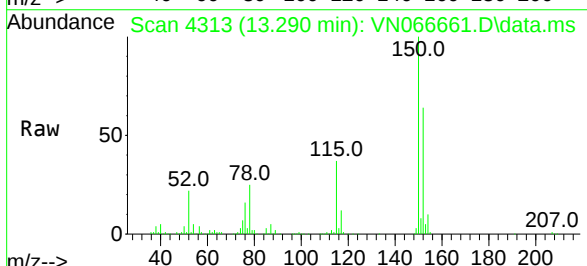
Instrument :
MSVOA_N
ClientSampleId :

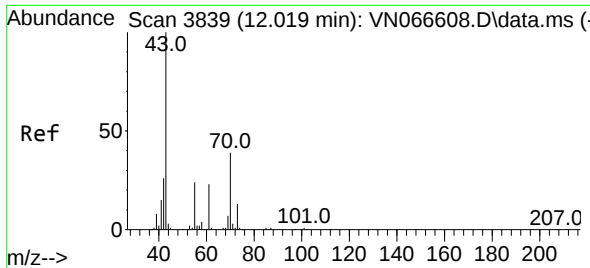
Tgt Ion:173 Resp: 1541
Ion Ratio Lower Upper
173 100
175 664.6 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.002 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

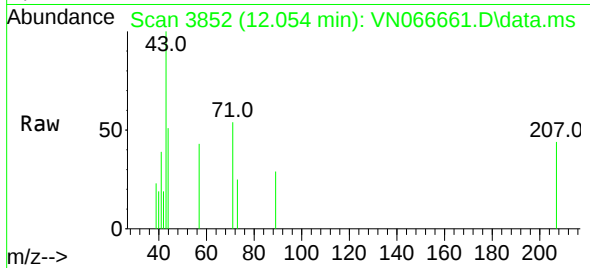
Tgt Ion:152 Resp: 188608
Ion Ratio Lower Upper
152 100
115 54.9 28.5 85.6
150 155.2 0.0 347.6



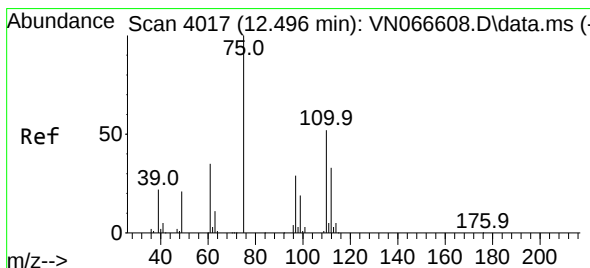
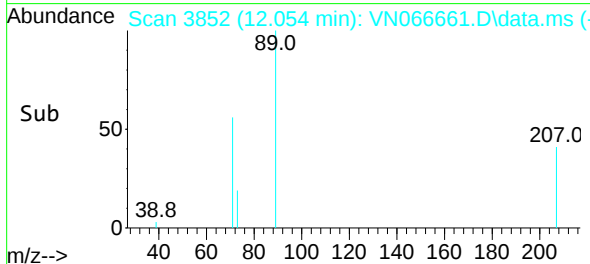
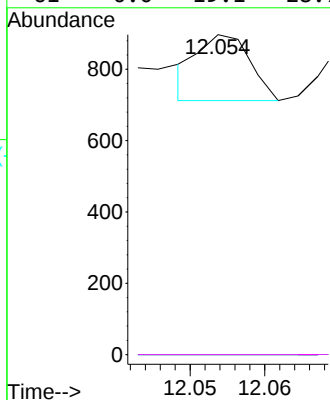


#74
N-amy1 acetate
Concen: 9.74 ug/l
RT: 12.054 min Scan# 3852
Delta R.T. 0.035 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Instrument :
MSVOA_N
ClientSampled :

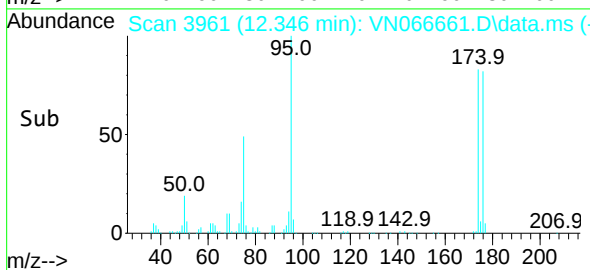
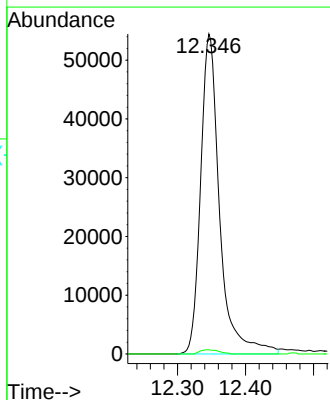
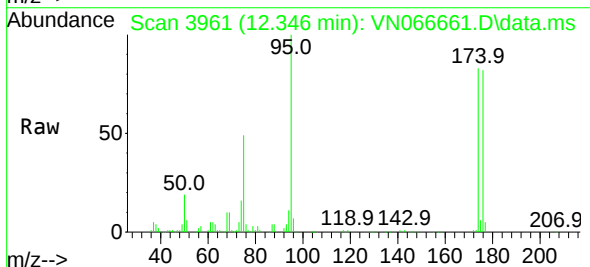


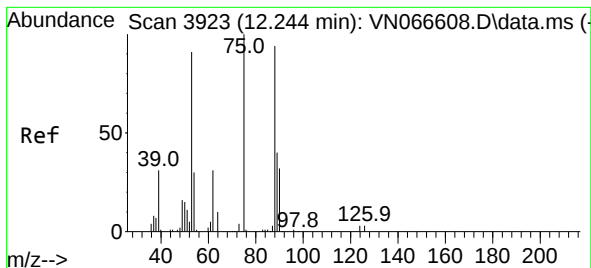
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 23.95 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. -0.150 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Tgt Ion: 75 Resp: 105637
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

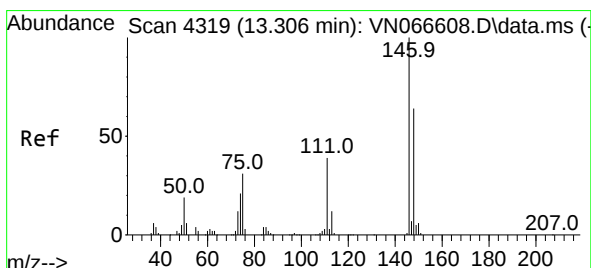
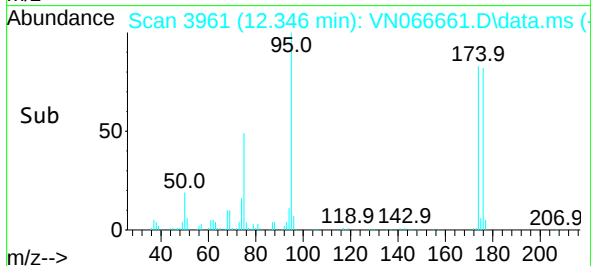
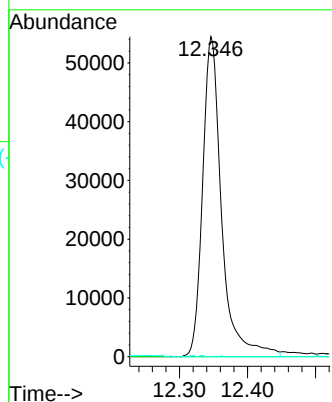
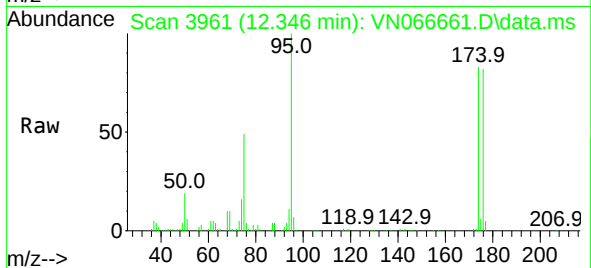




#81
trans-1,4-Dichloro-2-butene
Concen: 74.05 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.102 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 105637
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 35.8 53.8#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.317 min Scan# 4323
Delta R.T. 0.011 min
Lab File: VN066661.D
Acq: 19 Apr 2021 14:42

Tgt Ion:146 Resp: 84
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 0.0 31.8 95.3#

