

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065533.D
 Acq On : 15 Jan 2021 19:41
 Operator : JC/MD
 Sample : M1146-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 520-Z

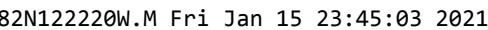
Quant Time: Jan 15 23:44:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

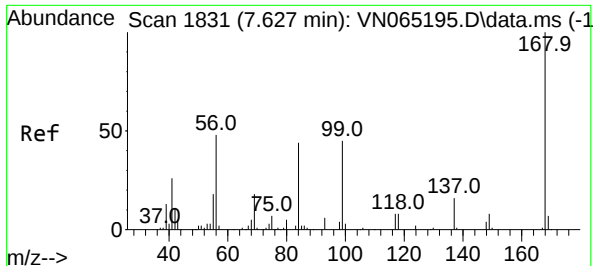
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.631	168	201015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	336172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	368996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	157951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	106402	46.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.78%		
35) Dibromofluoromethane	7.553	113	102171	50.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.76%		
50) Toluene-d8	10.061	98	422275	55.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.10%		
62) 4-Bromofluorobenzene	12.376	95	163643	53.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.96%		
Target Compounds					Qvalue	
16) Acetone	3.798	43	7246	Below Cal		97
18) Methyl Acetate	4.296	43	724	0.36 ug/l #		50
20) Methylene Chloride	4.508	84	12683	5.73 ug/l		98
25) 2-Butanone	6.820	43	662	0.52 ug/l #		49
31) Cyclohexane	7.631	56	2877	0.86 ug/l #		1
36) 1,1-Dichloropropene	7.627	75	12244	4.01 ug/l #		49
37) Ethyl Acetate	6.820	43	662	0.22 ug/l #		66
38) Carbon Tetrachloride	7.627	117	16117	5.02 ug/l #		17
43) Isopropyl Acetate	8.132	43	14751	2.82 ug/l		99
45) 1,2-Dichloropropane	9.241	63	1129	0.48 ug/l #		43
48) Methyl methacrylate	9.148	41	3801	1.50 ug/l #		12
51) 4-Methyl-2-Pentanone	9.955	43	3678	1.25 ug/l		90
54) cis-1,3-Dichloropropene	9.878	75	30175	7.44 ug/l #		58
57) 1,3-Dichloropropane	10.737	76	17470	4.67 ug/l #		42
59) 2-Hexanone	10.737	43	224667	104.09 ug/l #		50
71) Bromoform	12.373	173	561	0.22 ug/l #		1
76) 1,2,3-Trichloropropane	12.376	75	76464	23.73 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	76464	59.83 ug/l #		15

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

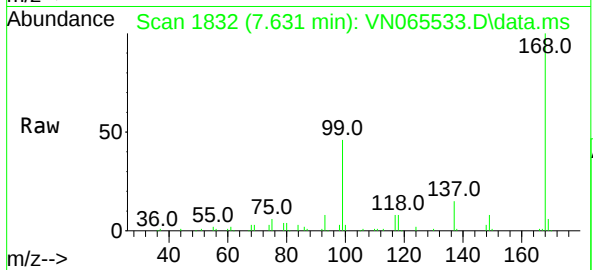
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration



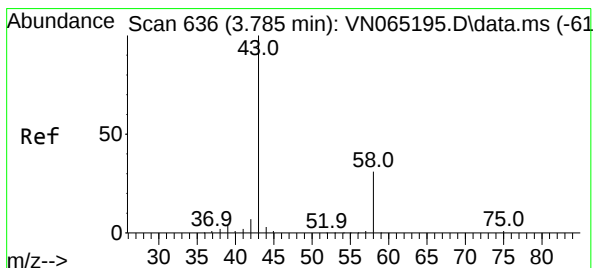
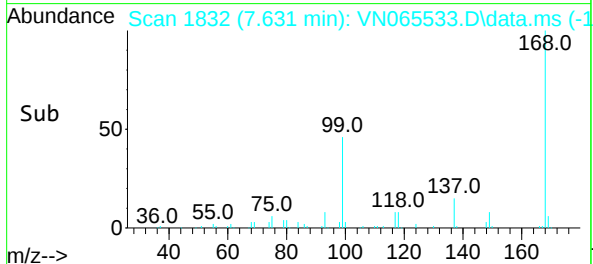
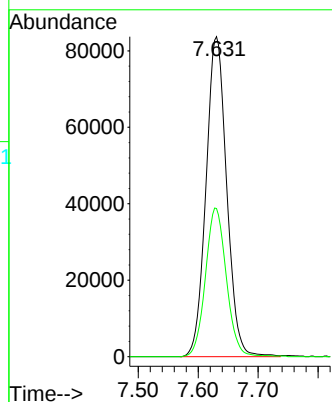


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Instrument :
MSVOA_N
ClientSampled :
520-Z

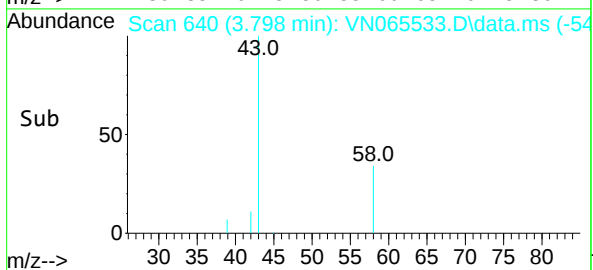
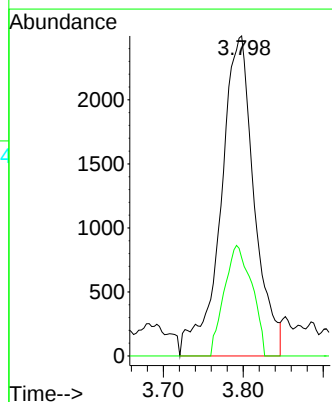
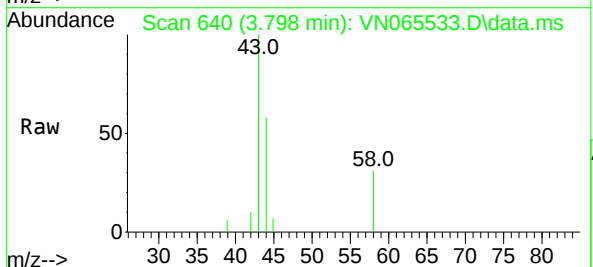


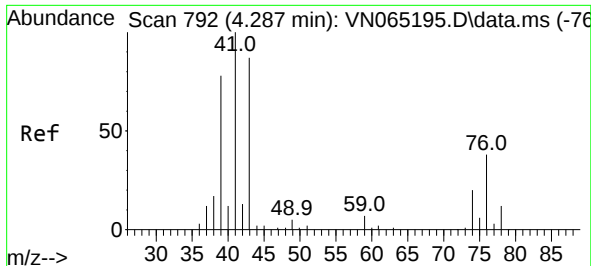
Tgt Ion:168 Resp: 201015
Ion Ratio Lower Upper
168 100
99 46.3 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.013 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

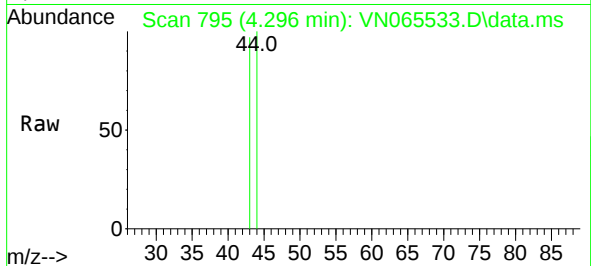
Tgt Ion: 43 Resp: 7246
Ion Ratio Lower Upper
43 100
58 30.7 25.7 38.5



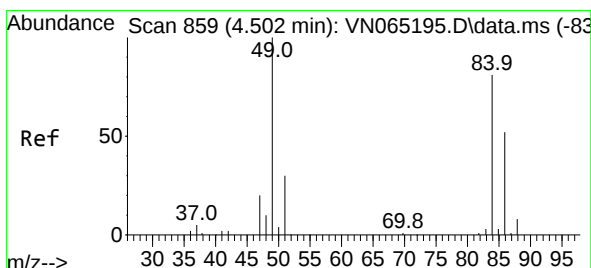
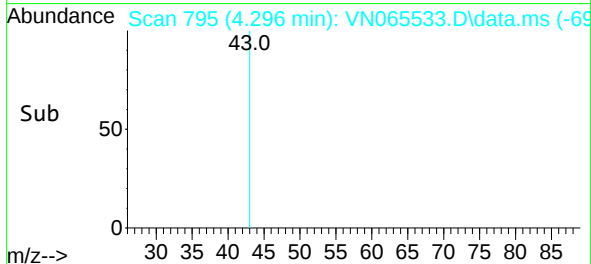
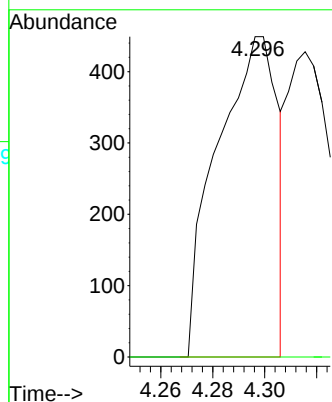


#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Instrument :
MSVOA_N
ClientSampled :
520-Z

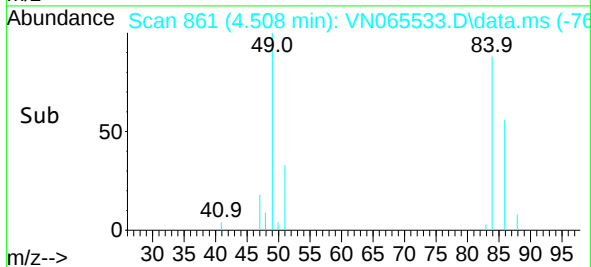
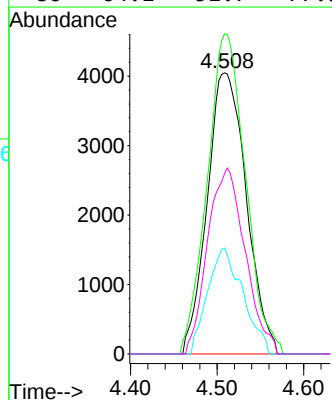
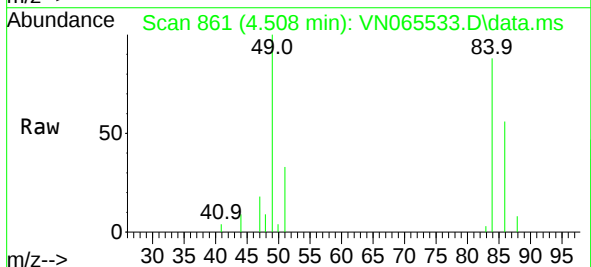


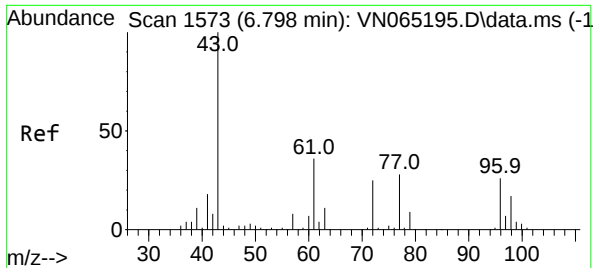
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 5.73 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 84 Resp: 12683
Ion Ratio Lower Upper
84 100
49 113.8 93.4 140.0
51 37.7 28.2 42.4
86 64.1 51.7 77.5

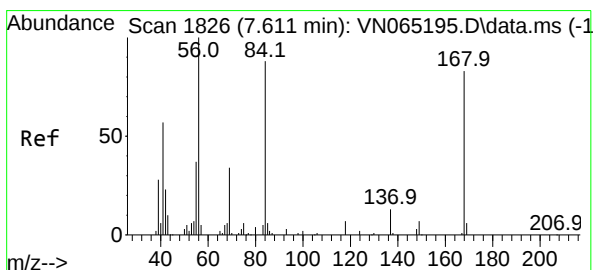
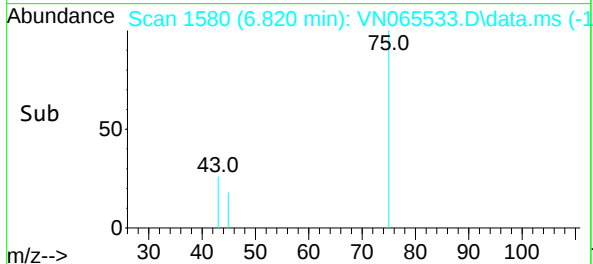
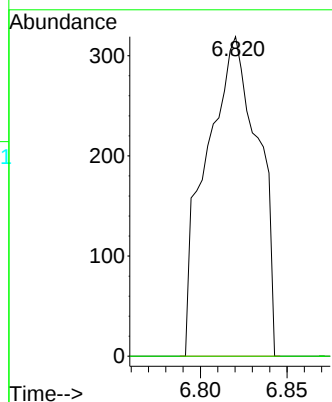
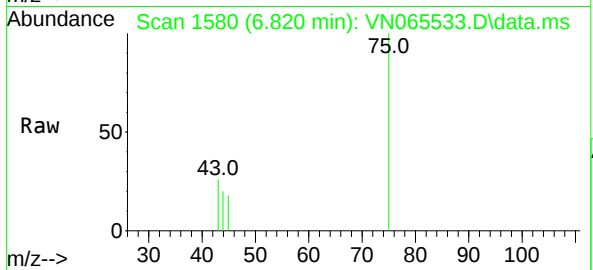




#25
2-Butanone
Concen: 0.52 ug/l
RT: 6.820 min Scan# 1580
Delta R.T. 0.022 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

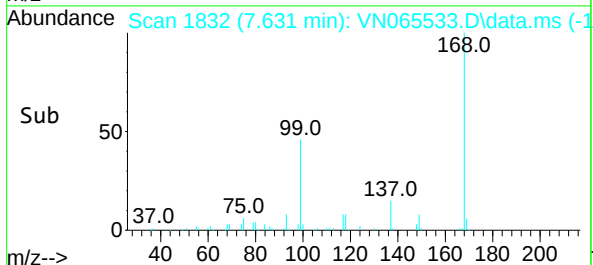
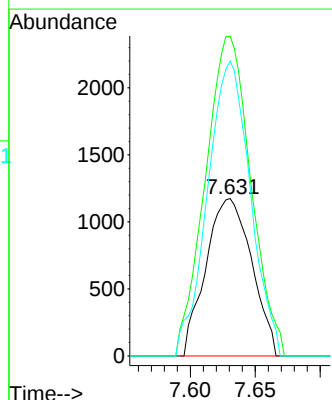
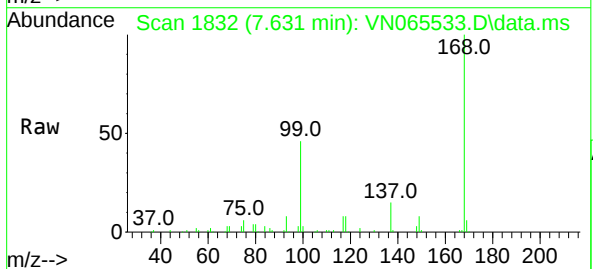
Instrument :
MSVOA_N
ClientSampled :
520-Z

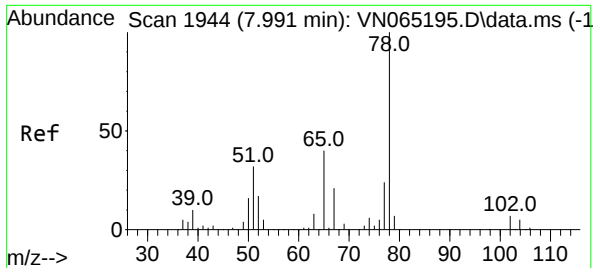
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 56 Resp: 2877
Ion Ratio Lower Upper
56 100
69 188.4 27.5 41.3#
84 187.3 73.9 110.9#

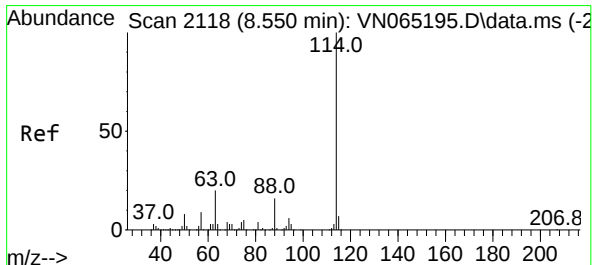
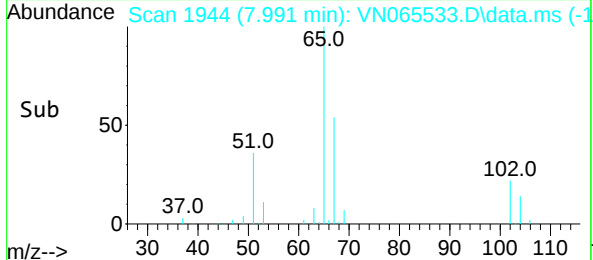
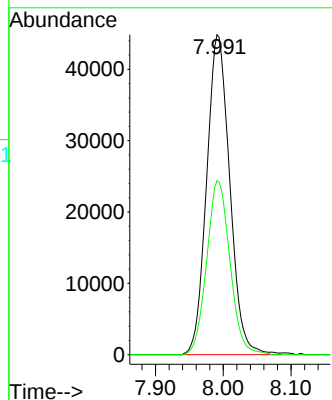
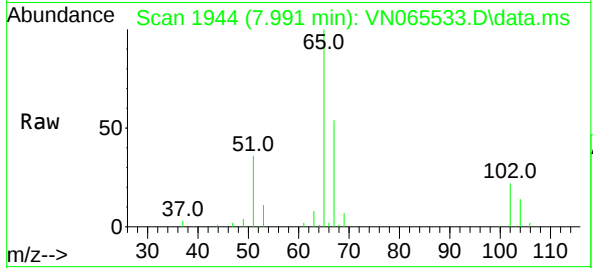




#33
1,2-Dichloroethane-d4
Concen: 46.89 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

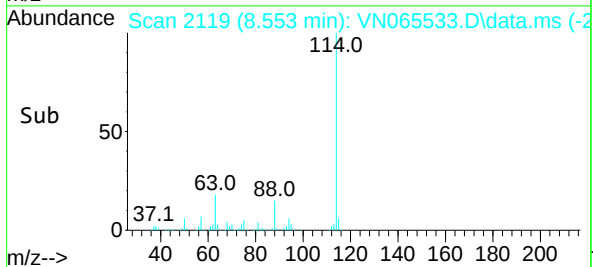
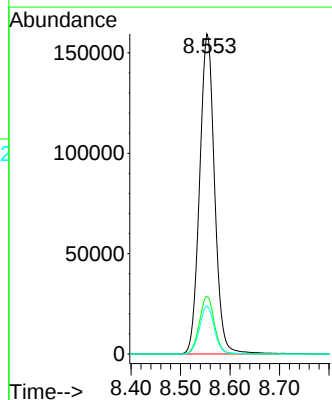
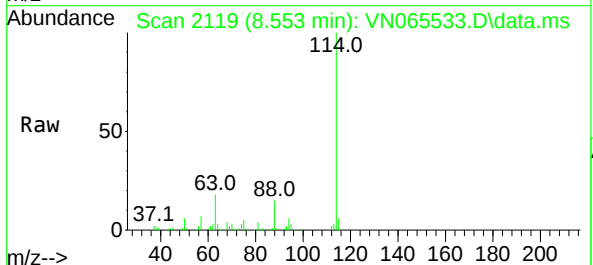
Instrument :
MSVOA_N
ClientSampled :
520-Z

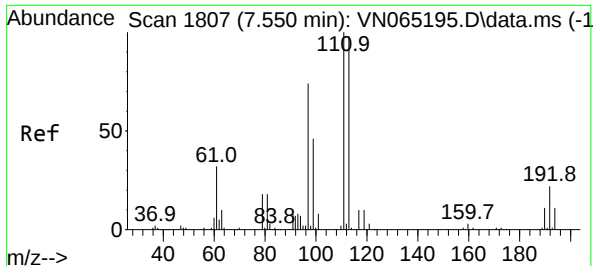
Tgt Ion: 65 Resp: 106402
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 114 Resp: 336172
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.6
88 15.0 0.0 32.6

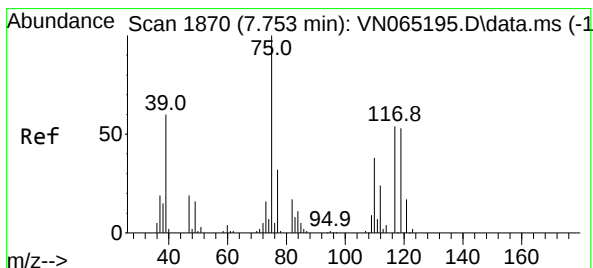
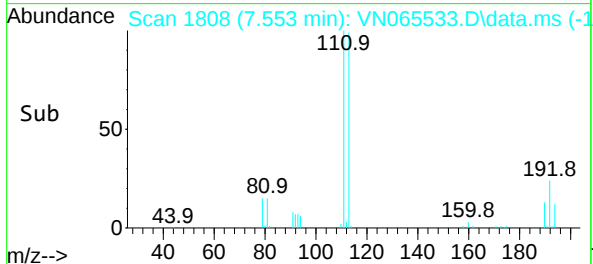
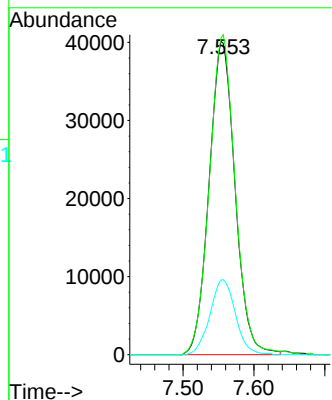
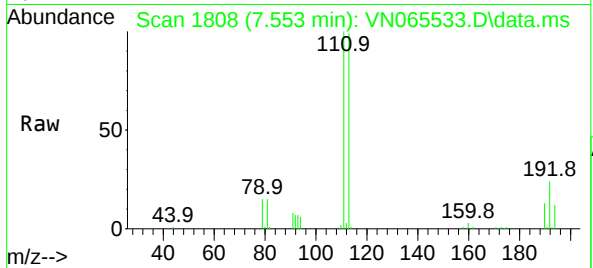




#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

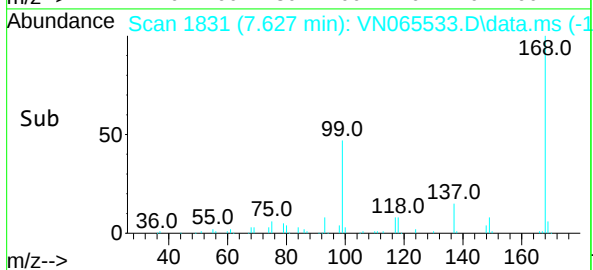
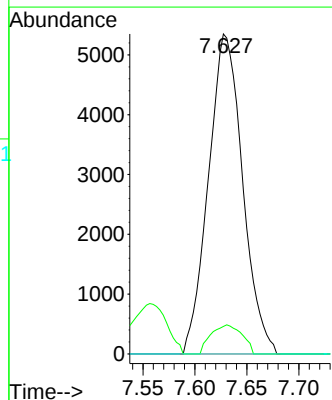
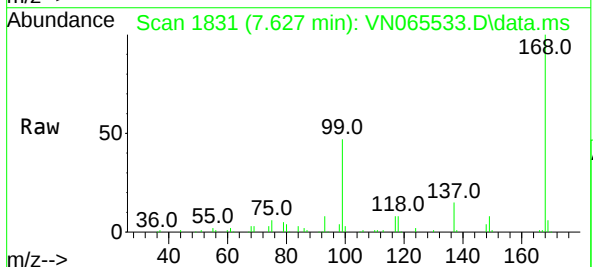
Instrument :
MSVOA_N
ClientSampled :
520-Z

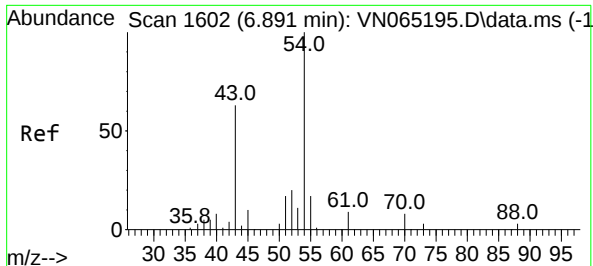
Tgt Ion:113 Resp: 102171
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 23.5 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.01 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 75 Resp: 12244
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.22 ug/l

RT: 6.820 min Scan# 1580

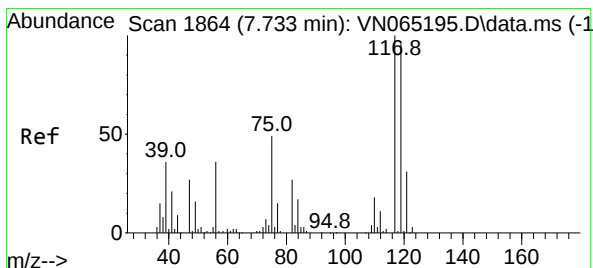
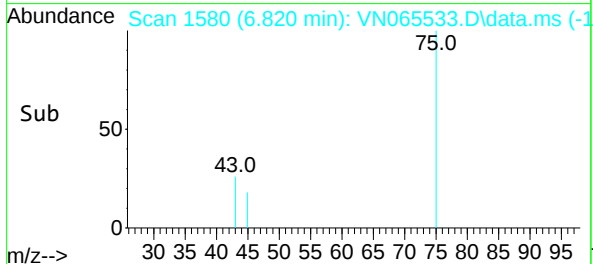
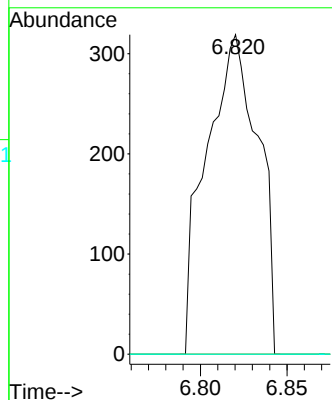
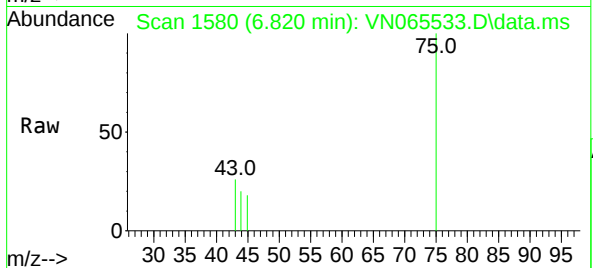
Delta R.T. -0.071 min

Lab File: VN065533.D

Acq: 15 Jan 2021 19:41

Instrument :
MSVOA_N
ClientSampleId :
520-Z

Tgt Ion: 43	Resp: 662
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.02 ug/l

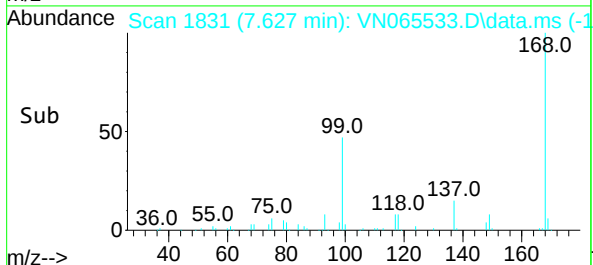
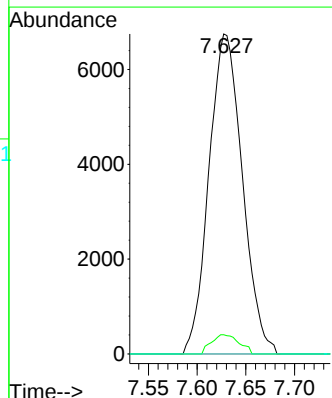
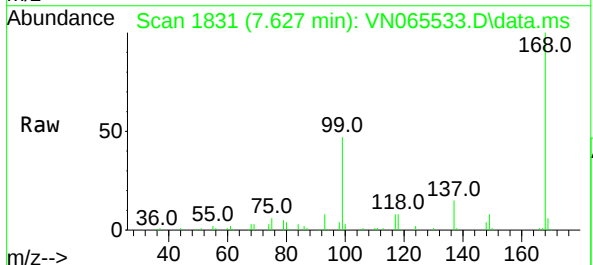
RT: 7.627 min Scan# 1831

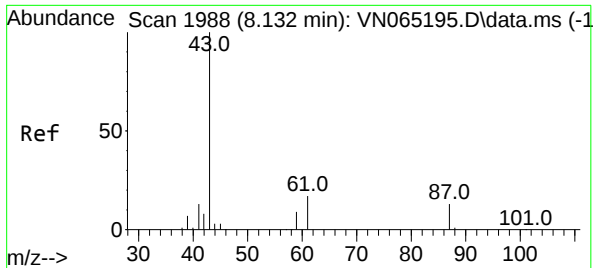
Delta R.T. -0.106 min

Lab File: VN065533.D

Acq: 15 Jan 2021 19:41

Tgt Ion: 117	Resp: 16117
Ion Ratio	Lower Upper
117 100	
119 6.0	76.7 115.1#
121 0.0	25.4 38.2#

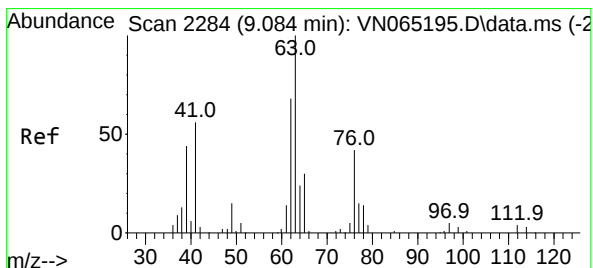
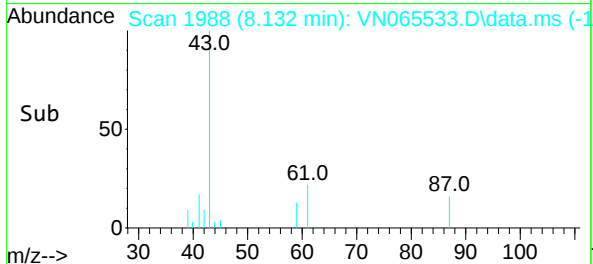
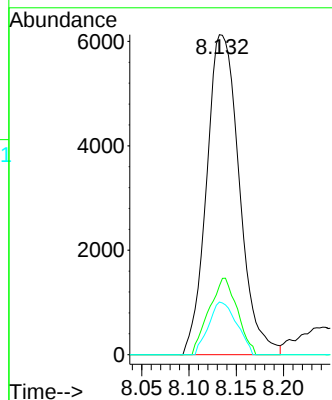
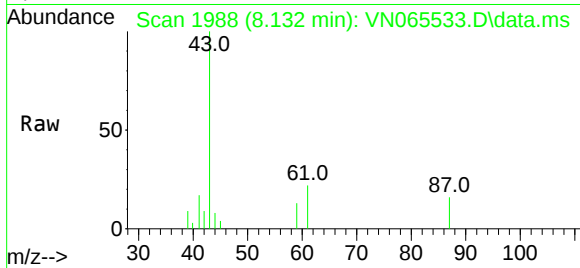




#43
Isopropyl Acetate
Concen: 2.82 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

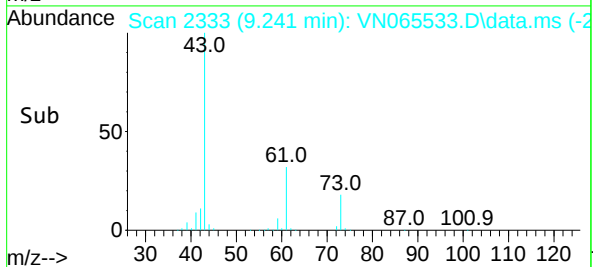
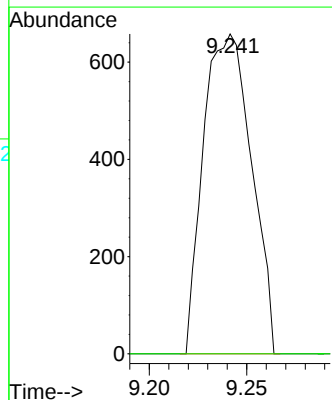
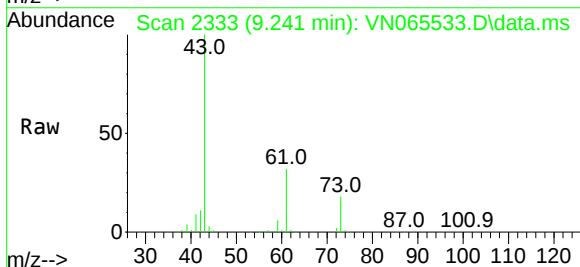
Instrument :
MSVOA_N
ClientSampled :
520-Z

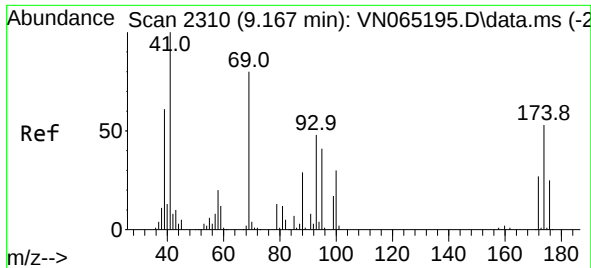
Tgt Ion:	43	Resp:	14751
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	14.1	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.48 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion:	63	Resp:	1129
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

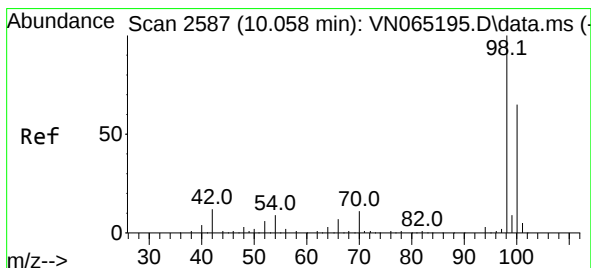
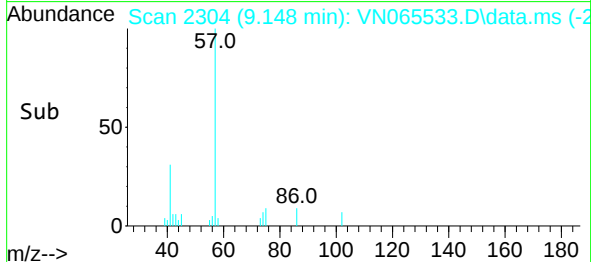
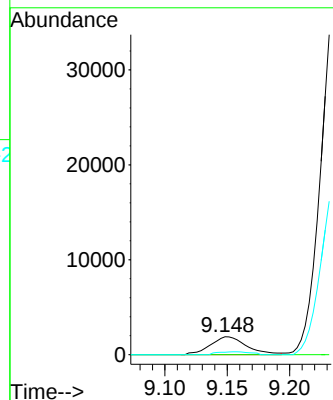
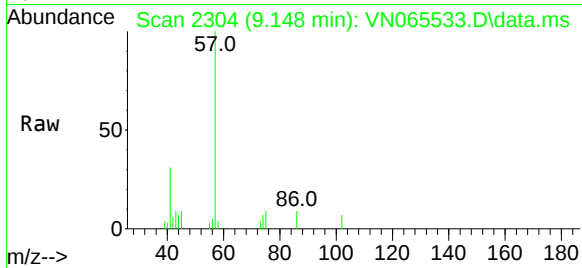




#48
Methyl methacrylate
Concen: 1.50 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

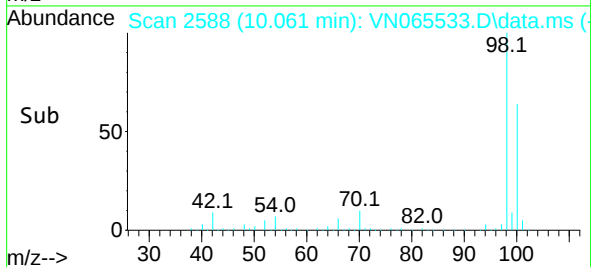
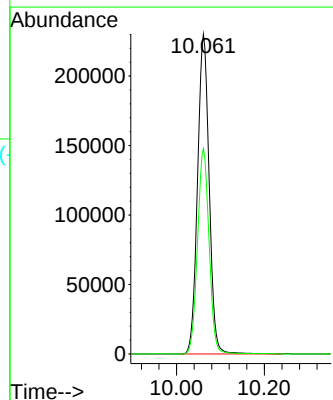
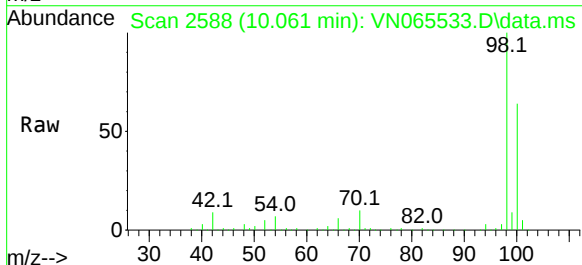
Instrument :
MSVOA_N
ClientSampled :
520-Z

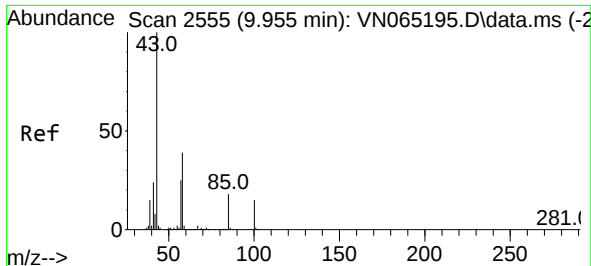
Tgt Ion: 41 Resp: 3801
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#



#50
Toluene-d8
Concen: 55.55 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 98 Resp: 422275
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

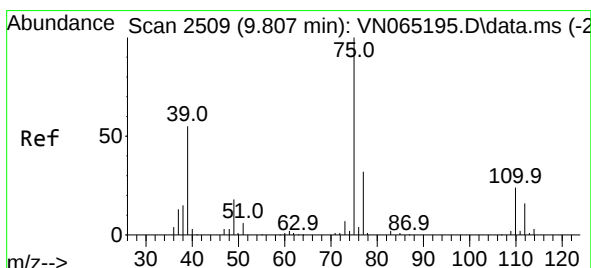
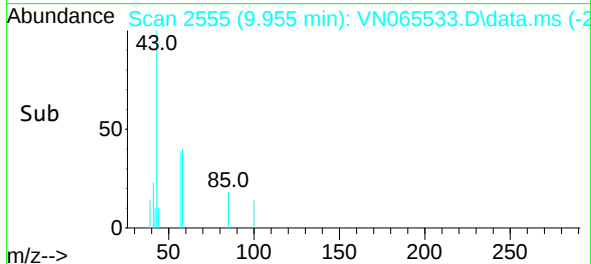
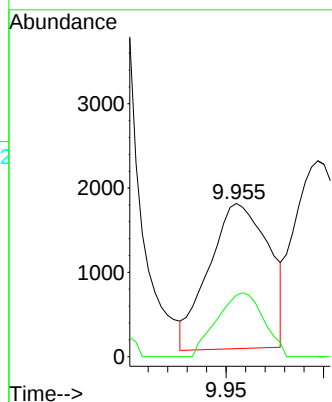
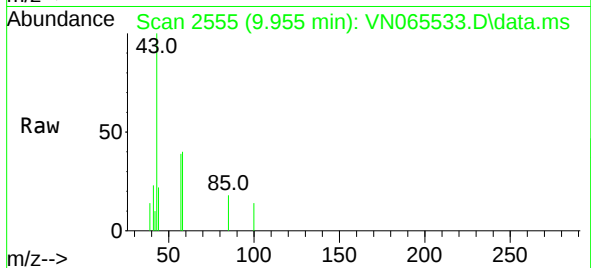




#51
4-Methyl-2-Pentanone
Concen: 1.25 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

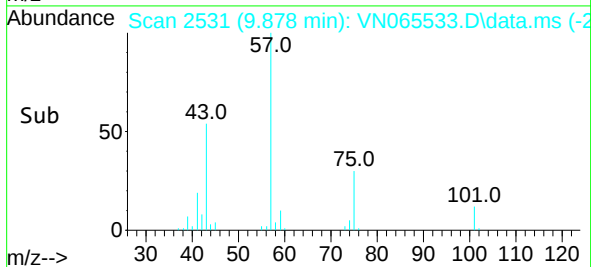
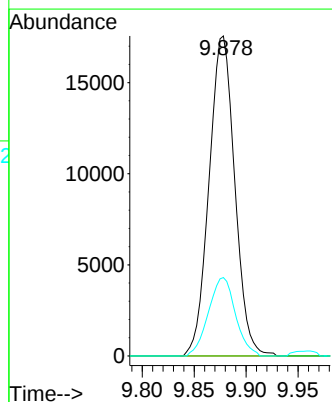
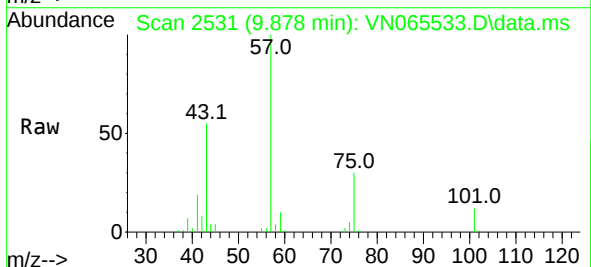
Instrument :
MSVOA_N
ClientSampled :
520-Z

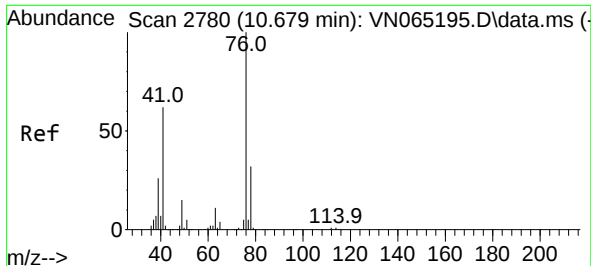
Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 34.3 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 7.44 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 75 Resp: 30175
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 24.5 35.6 53.4#

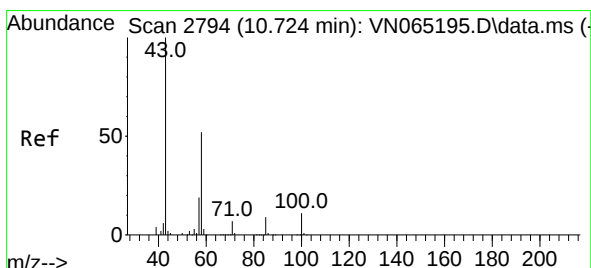
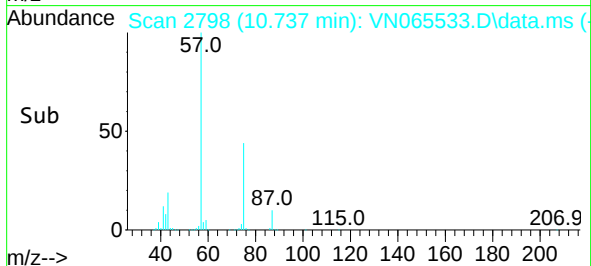
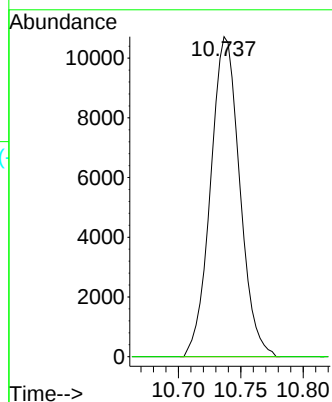
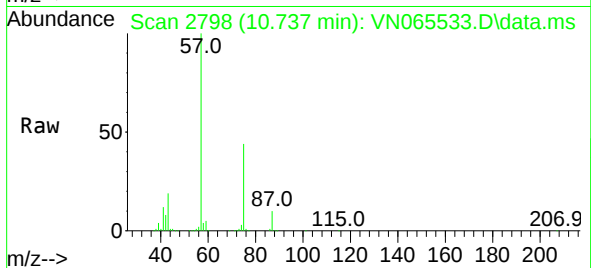




#57
1,3-Dichloropropane
Concen: 4.67 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

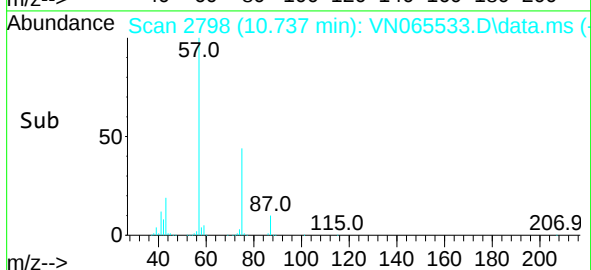
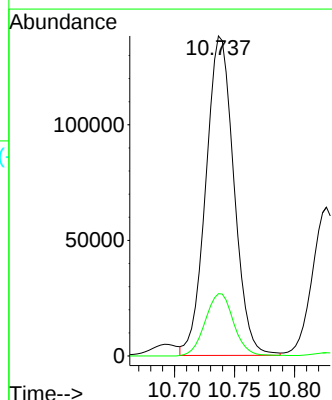
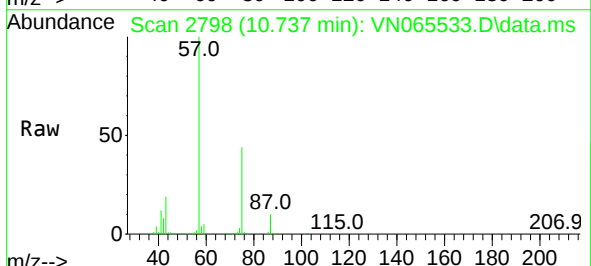
Instrument :
MSVOA_N
ClientSampled :
520-Z

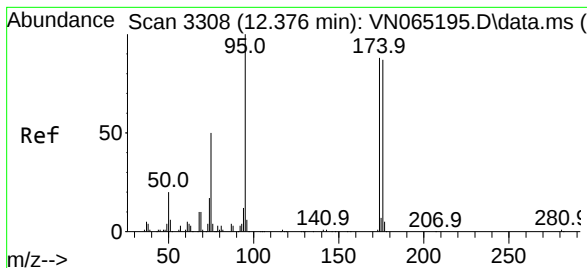
Tgt Ion: 76 Resp: 17470
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 104.09 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 43 Resp: 224667
Ion Ratio Lower Upper
43 100
58 19.9 28.3 84.9#

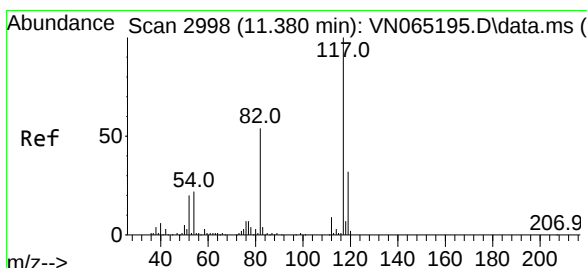
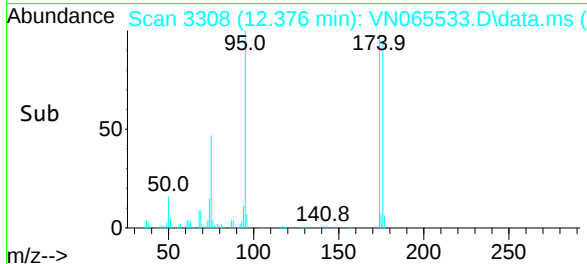
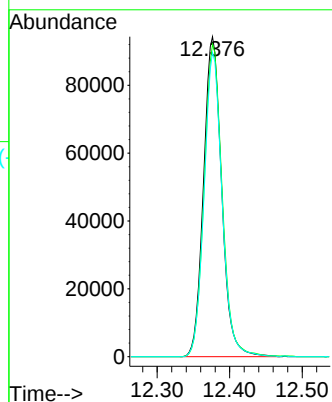
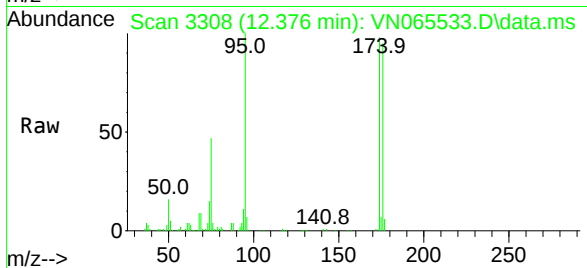




#62
4-Bromofluorobenzene
Concen: 53.98 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

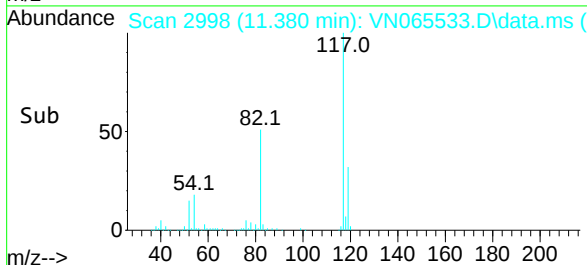
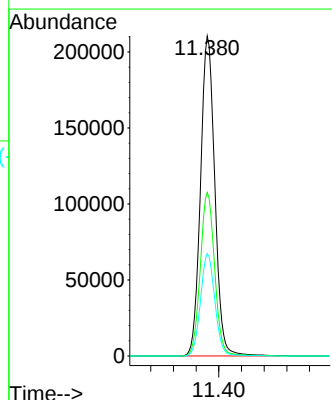
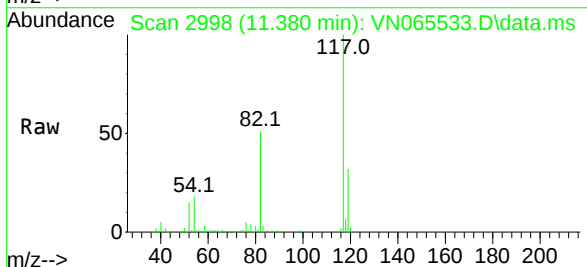
Instrument :
MSVOA_N
ClientSampled :
520-Z

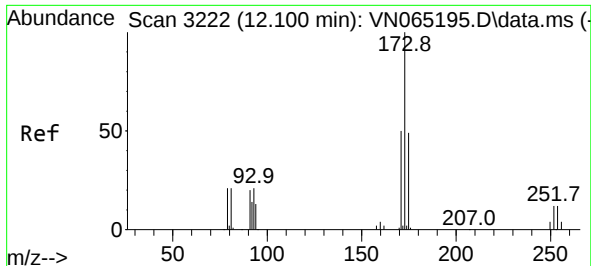
Tgt Ion: 95 Resp: 163643
Ion Ratio Lower Upper
95 100
174 97.6 0.0 160.4
176 94.2 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

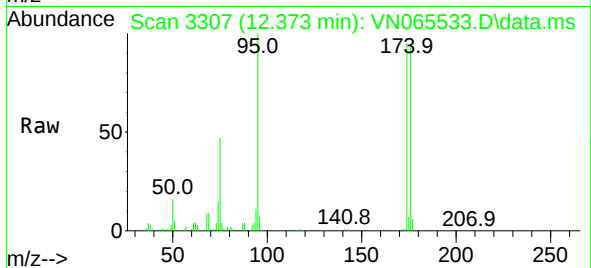
Tgt Ion: 117 Resp: 368996
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 32.0 25.8 38.6



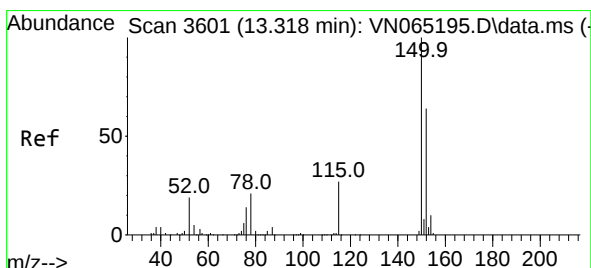
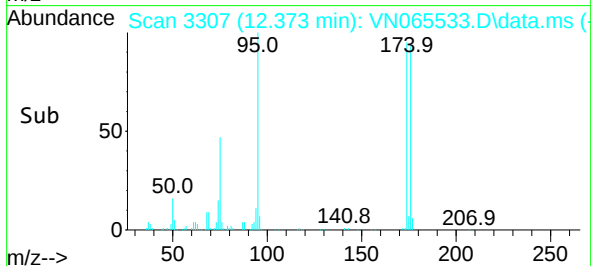
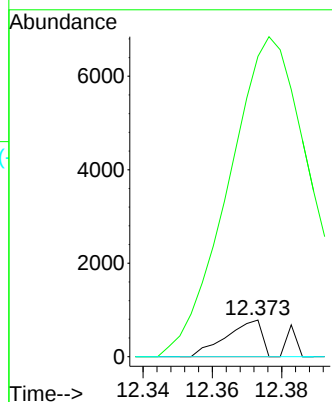


#71
Bromoform
Concen: 0.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Instrument :
MSVOA_N
ClientSampled :
520-Z

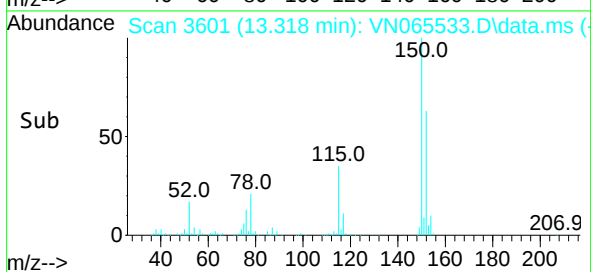
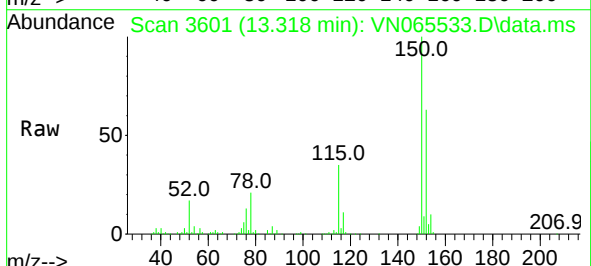
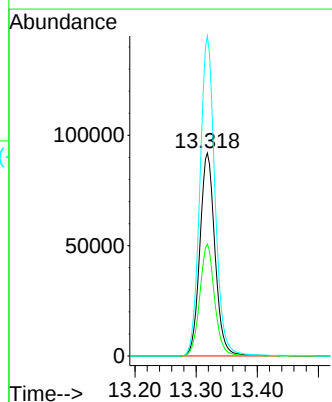


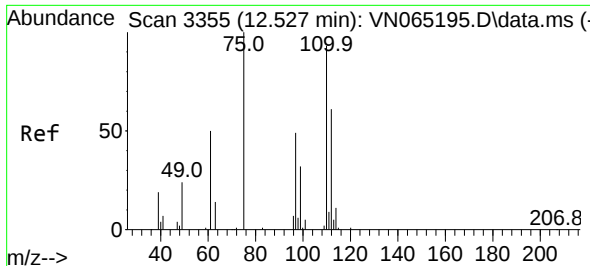
Tgt Ion:173 Resp: 561
Ion Ratio Lower Upper
173 100
175 1686.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

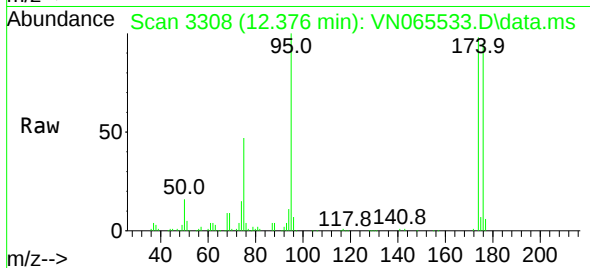
Tgt Ion:152 Resp: 157951
Ion Ratio Lower Upper
152 100
115 54.2 29.7 89.1
150 156.7 0.0 350.6



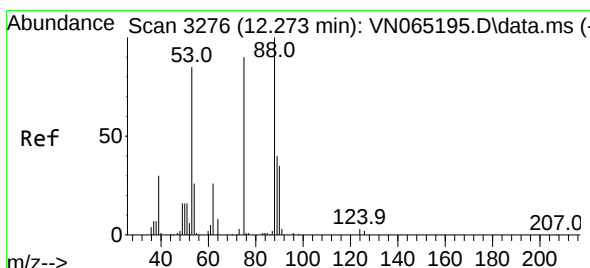
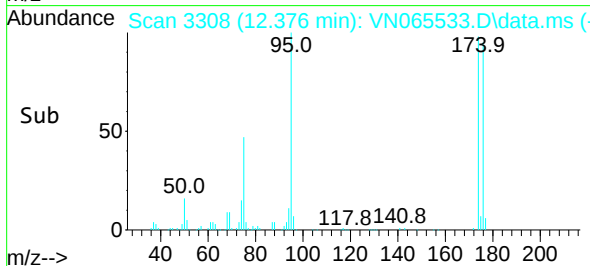
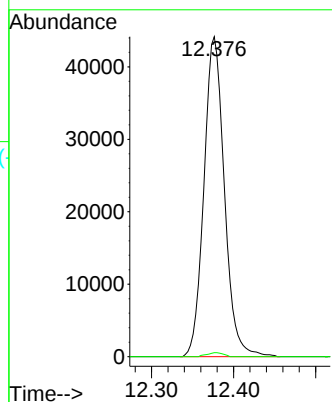


#76
1,2,3-Trichloropropane
Concen: 23.73 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Instrument :
MSVOA_N
ClientSampled :
520-Z



Tgt Ion: 75 Resp: 76464
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.83 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065533.D
Acq: 15 Jan 2021 19:41

Tgt Ion: 75 Resp: 76464
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

