

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065535.D
 Acq On : 15 Jan 2021 20:30
 Operator : JC/MD
 Sample : M1142-02 1000X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30936

Quant Time: Jan 15 23:45:28 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)

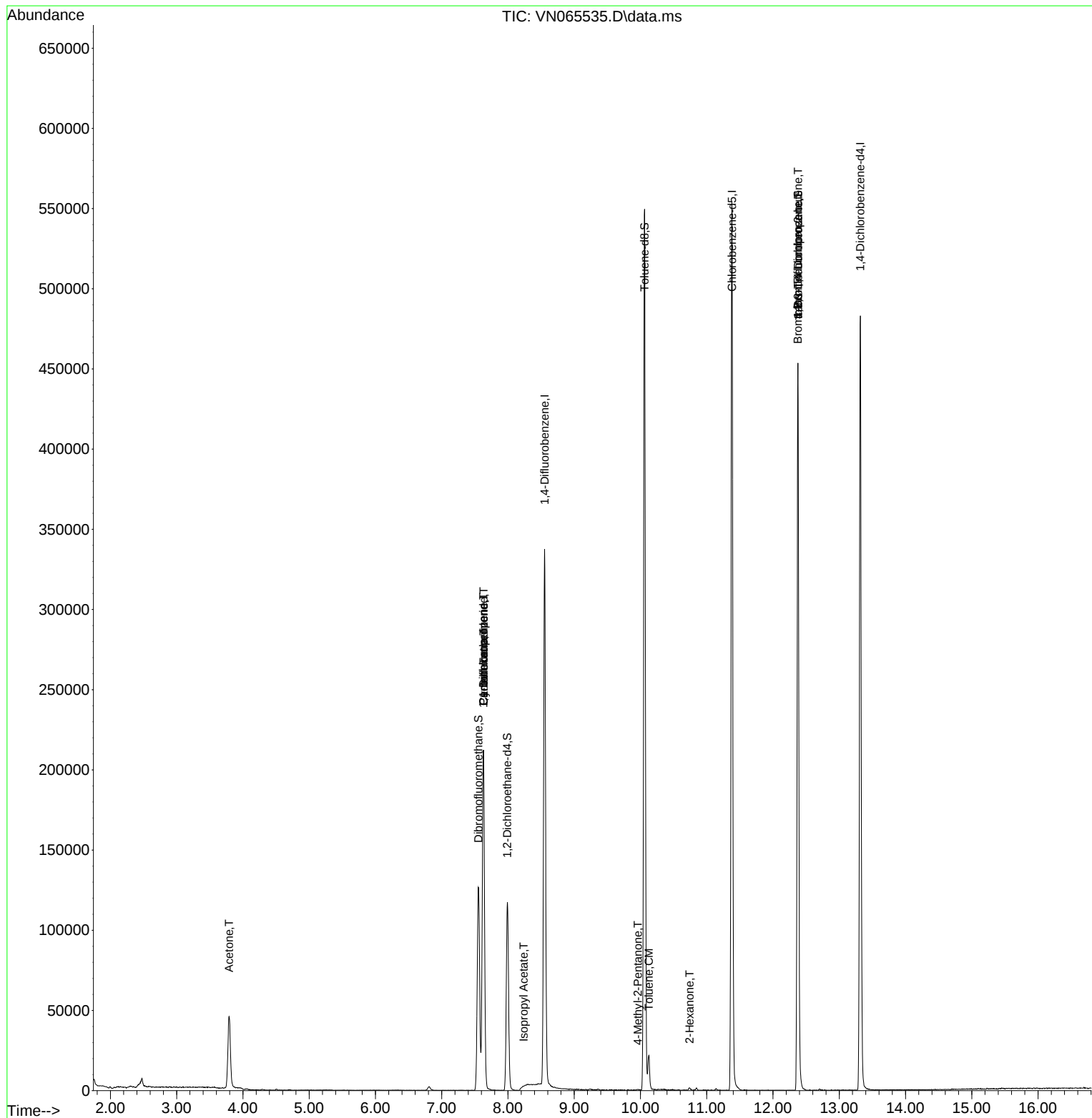
Internal Standards						
1) Pentafluorobenzene	7.631	168	199751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	330051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	353212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	156090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	104091	46.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.32%		
35) Dibromofluoromethane	7.553	113	99896	50.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.34%		
50) Toluene-d8	10.061	98	408195	54.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.40%		
62) 4-Bromofluorobenzene	12.376	95	158268	53.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.50%		
Target Compounds					Qvalue	
16) Acetone	3.792	43	73668	70.11	ug/l	90
31) Cyclohexane	7.631	56	2857	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	11858	3.95	ug/l #	48
38) Carbon Tetrachloride	7.631	117	16491	5.23	ug/l #	16
43) Isopropyl Acetate	8.238	43	3179	0.62	ug/l #	59
51) 4-Methyl-2-Pentanone	9.962	43	582	0.20	ug/l #	35
52) Toluene	10.126	92	9399	1.67	ug/l	99
59) 2-Hexanone	10.743	43	726	0.34	ug/l #	23
71) Bromoform	12.373	173	1089	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	73334	23.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	73334	58.07	ug/l #	15

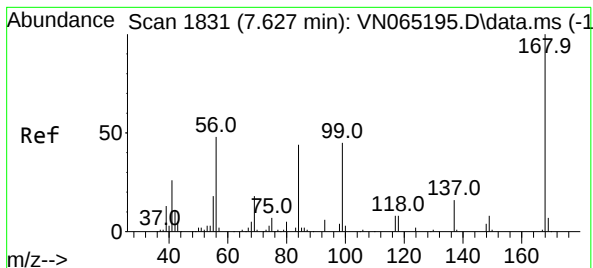
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 15:42:18 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. 0.004 min

Lab File: VN065535.D

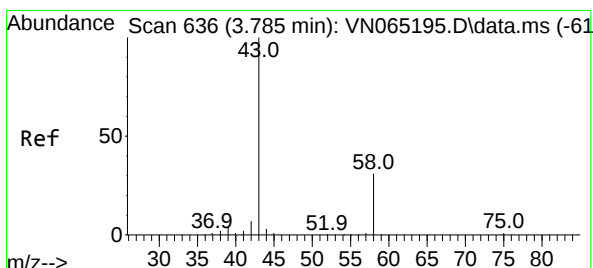
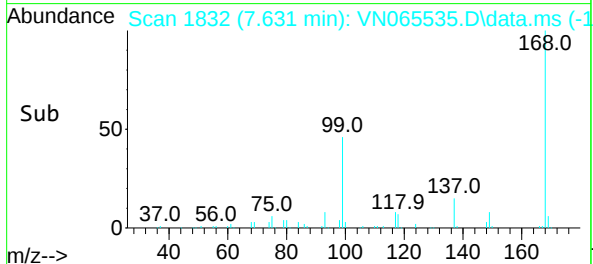
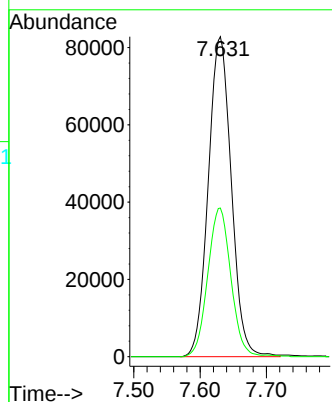
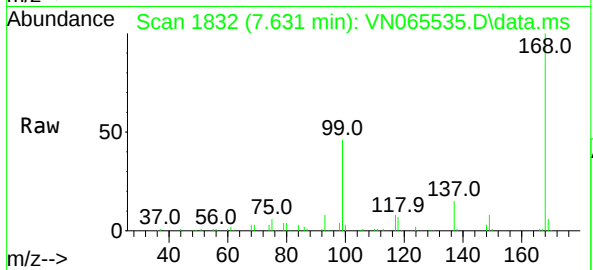
Acq: 15 Jan 2021 20:30

Tgt Ion:168 Resp: 199751

Ion Ratio Lower Upper

168 100

99 46.5 43.0 64.4



#16

Acetone

Concen: 70.11 ug/l

RT: 3.792 min Scan# 638

Delta R.T. 0.007 min

Lab File: VN065535.D

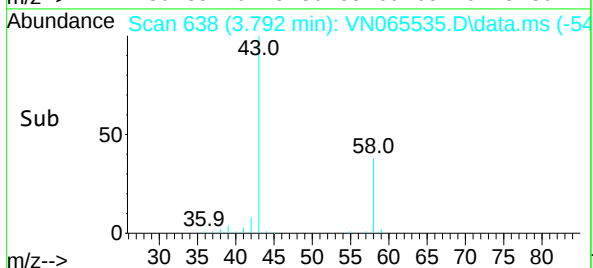
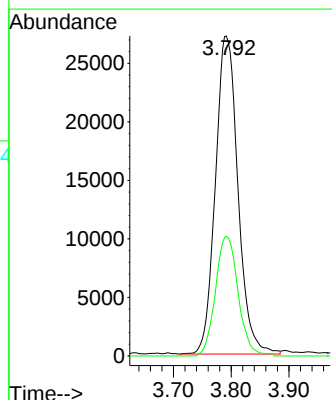
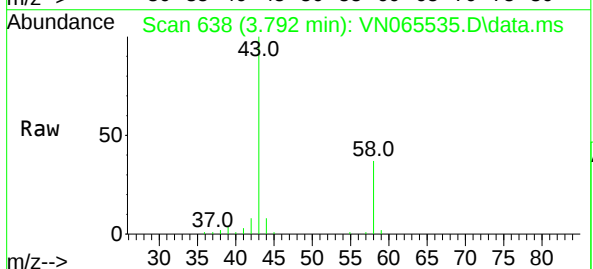
Acq: 15 Jan 2021 20:30

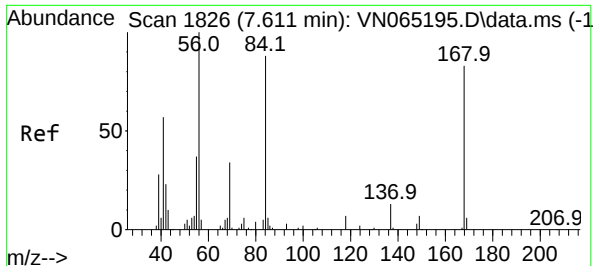
Tgt Ion: 43 Resp: 73668

Ion Ratio Lower Upper

43 100

58 37.6 25.7 38.5





#31

Cyclohexane

Concen: 0.86 ug/l

RT: 7.631 min Scan# 1832

Delta R.T. 0.020 min

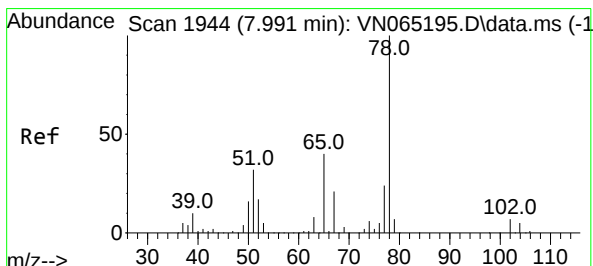
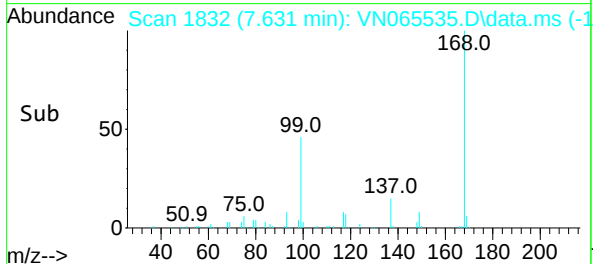
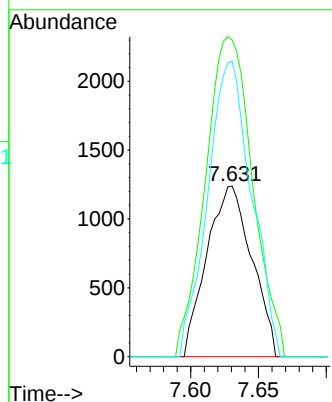
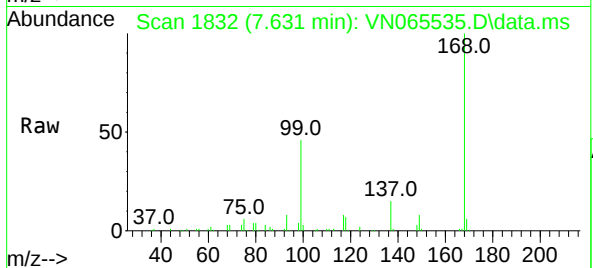
Lab File: VN065535.D

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Instrument :
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30936

Tgt Ion: 56 Resp: 2857

Ion	Ratio	Lower	Upper
56	100		
69	169.5	27.5	41.3#
84	173.1	73.9	110.9#



#33

1,2-Dichloroethane-d4

Concen: 46.16 ug/l

RT: 7.991 min Scan# 1944

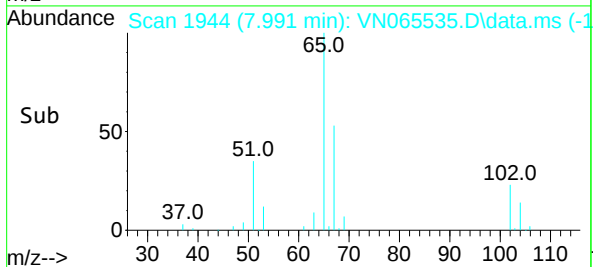
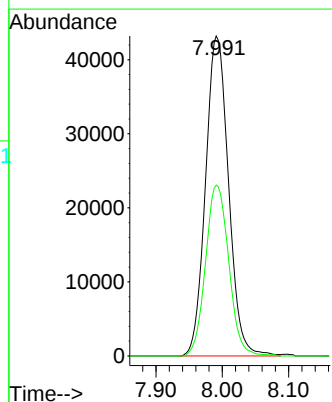
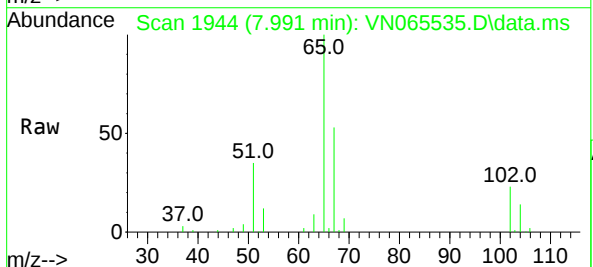
Delta R.T. -0.000 min

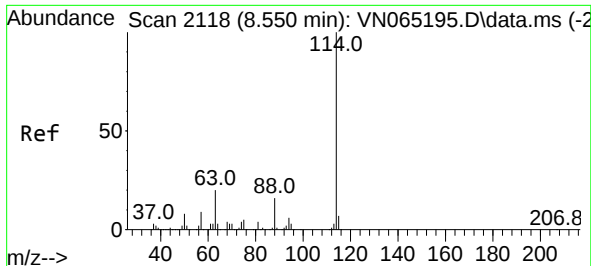
Lab File: VN065535.D

Acq: 15 Jan 2021 20:30

Tgt Ion: 65 Resp: 104091

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.2

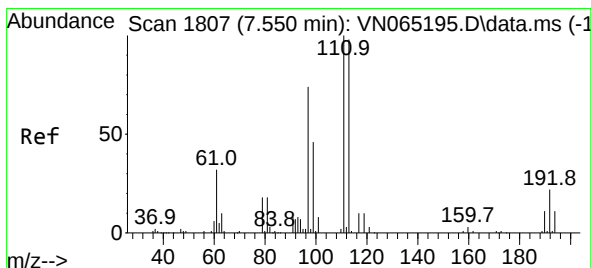
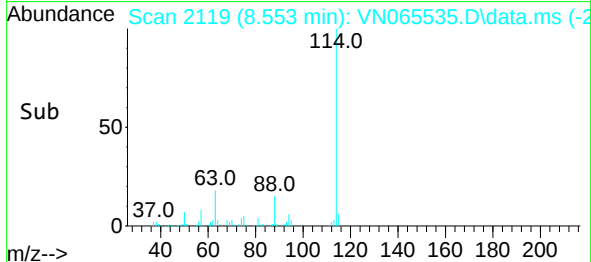
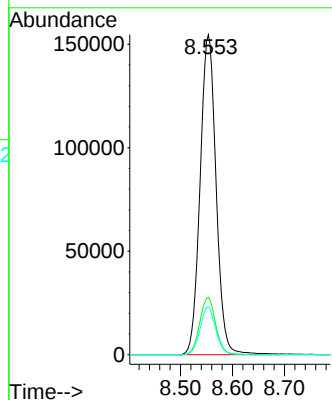
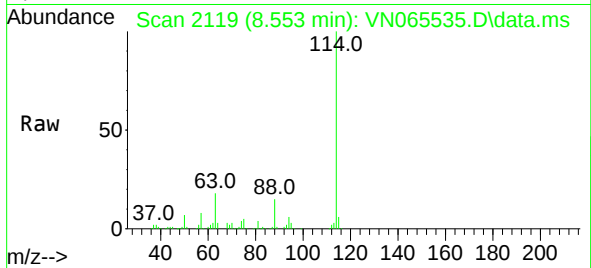




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

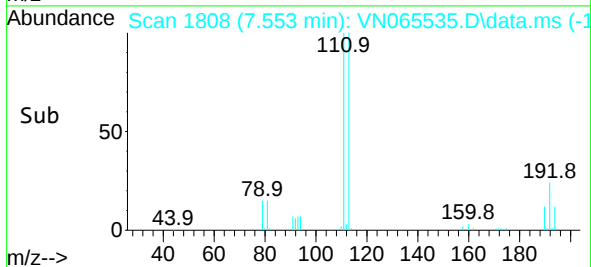
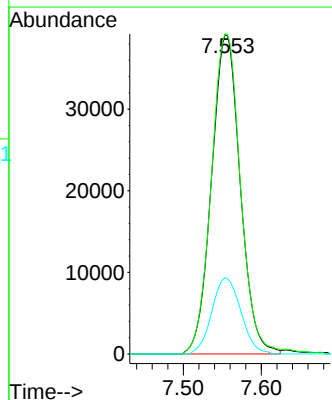
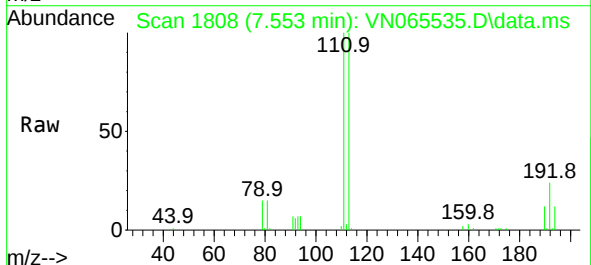
Instrument :
MSVOA_N
ClientSampled :
30936

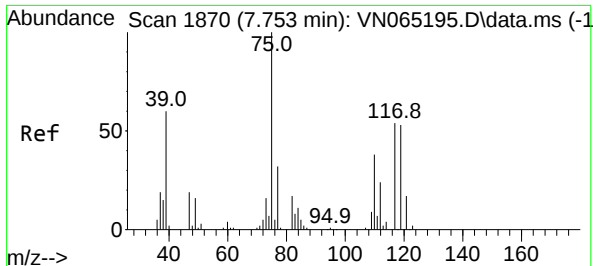
Tgt Ion:	114	Resp:	330051
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.6
88	15.0	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

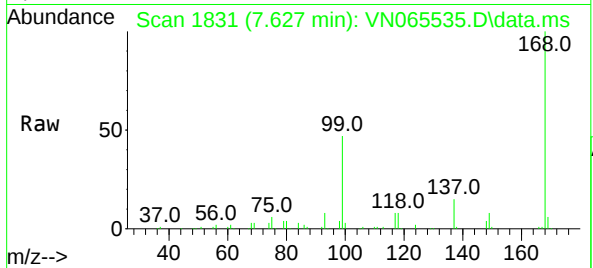
Tgt Ion:	113	Resp:	99896
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	24.1	16.2	24.2



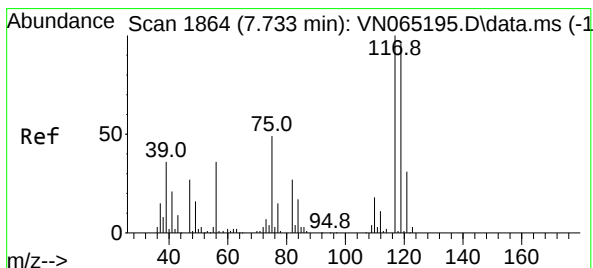
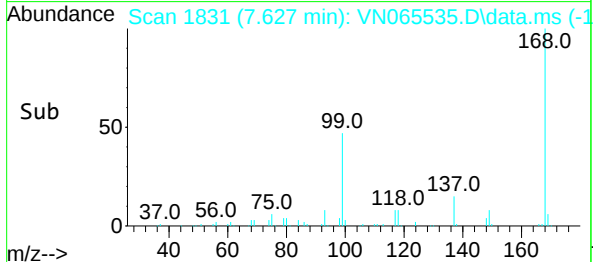
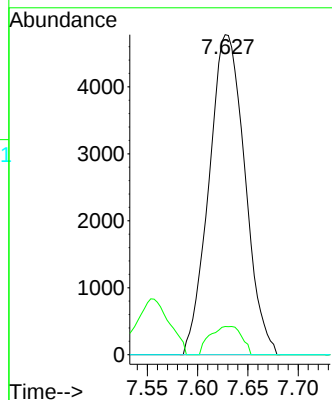


#36
1,1-Dichloropropene
Concen: 3.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

Instrument :
MSVOA_N
ClientSampled :
30936

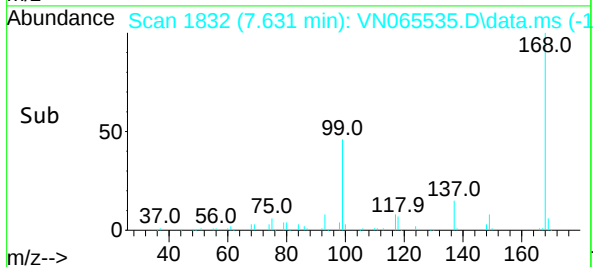
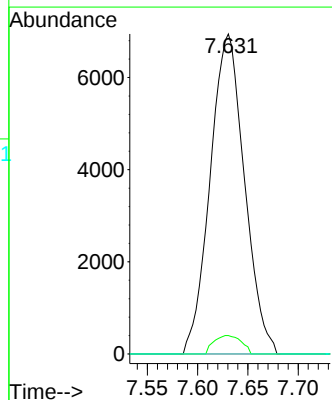
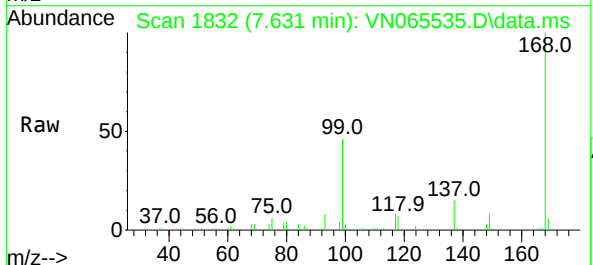


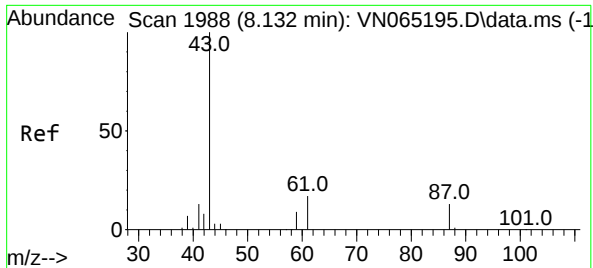
Tgt Ion: 75 Resp: 11858
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

Tgt Ion: 117 Resp: 16491
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 25.4 38.2#

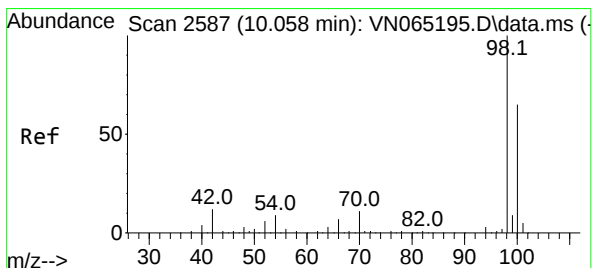
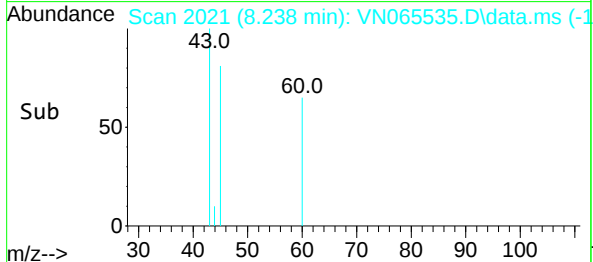
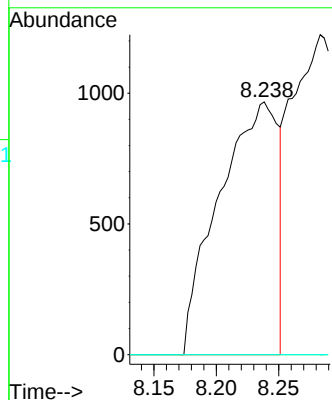
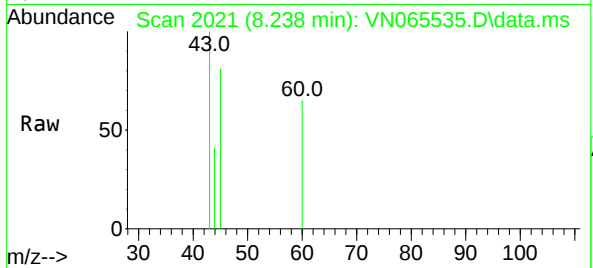




#43
Isopropyl Acetate
Concen: 0.62 ug/l
RT: 8.238 min Scan# 2021
Delta R.T. 0.106 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

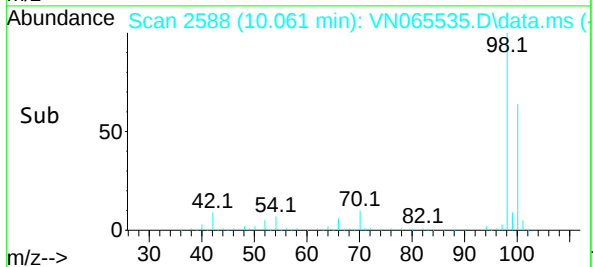
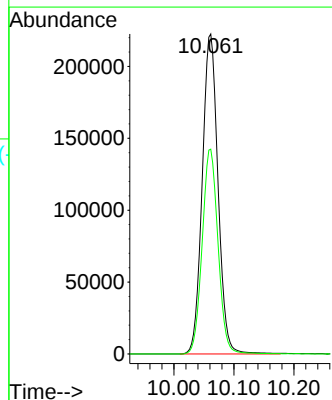
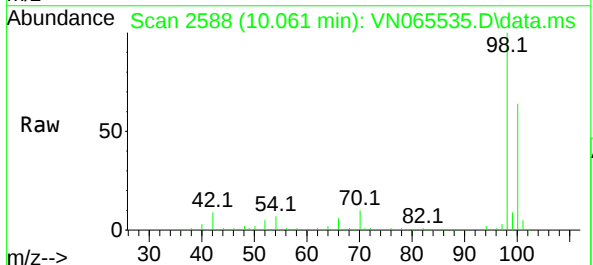
Instrument :
MSVOA_N
ClientSampled :
30936

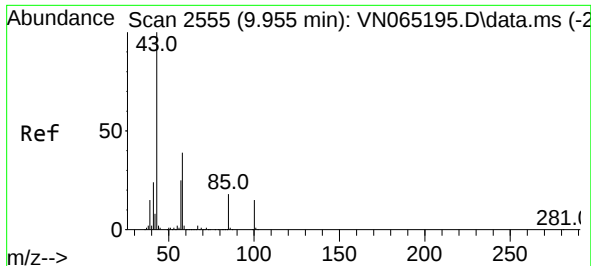
Tgt Ion: 43 Resp: 3179
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#



#50
Toluene-d8
Concen: 54.70 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

Tgt Ion: 98 Resp: 408195
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

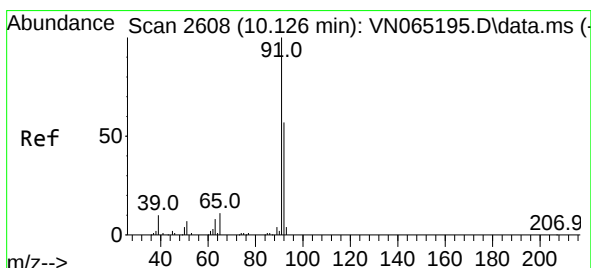
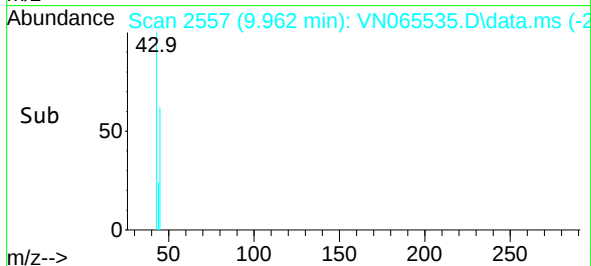
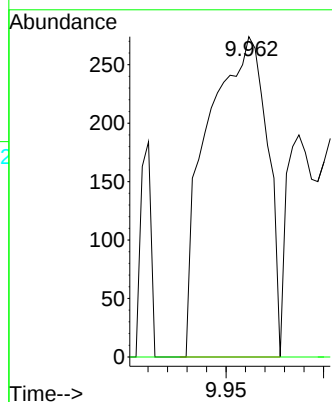
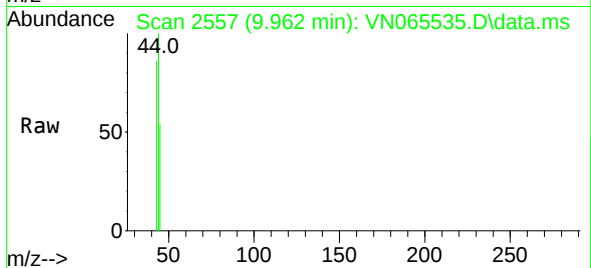




#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 9.962 min Scan# 2557
Delta R.T. 0.007 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

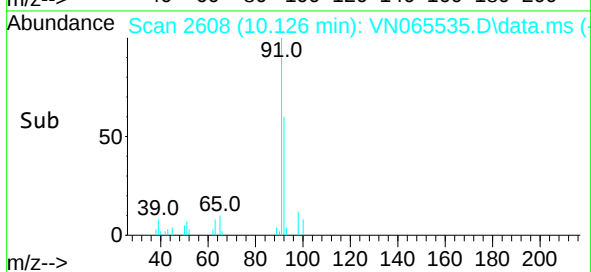
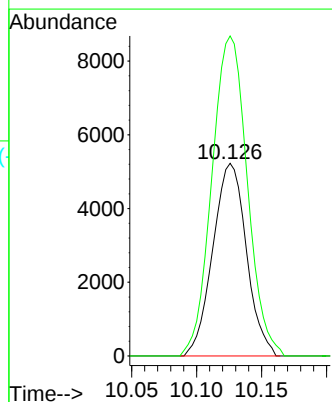
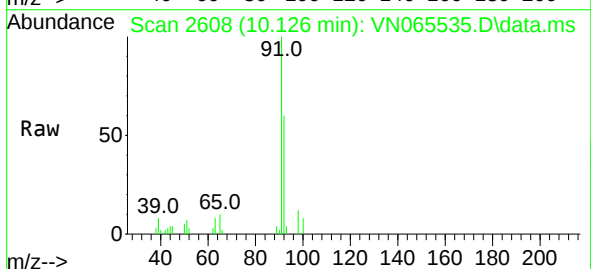
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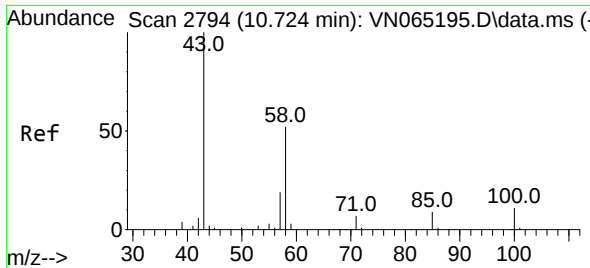
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#52
Toluene
Concen: 1.67 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

Tgt Ion: 92 Resp: 9399
Ion Ratio Lower Upper
92 100
91 174.6 139.1 208.7

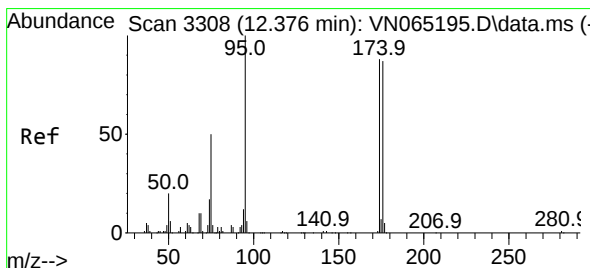
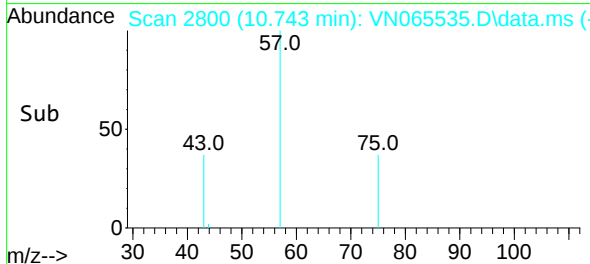
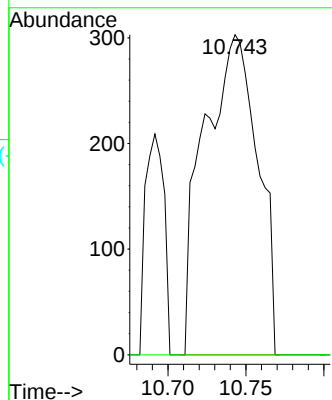
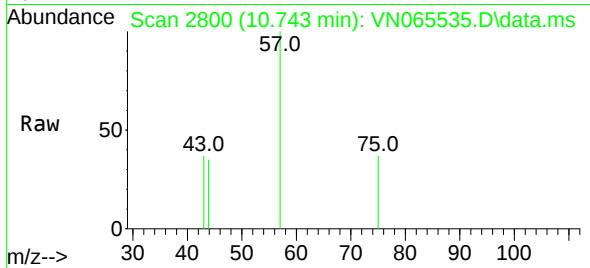




#59
2-Hexanone
Concen: 0.34 ug/l
RT: 10.743 min Scan# 2800
Delta R.T. 0.019 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

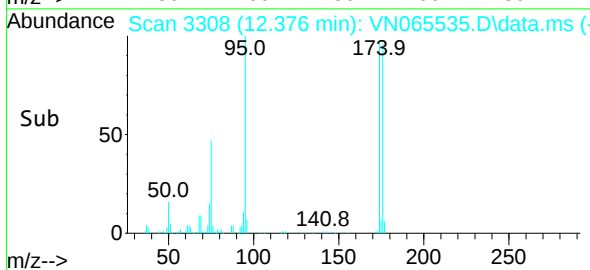
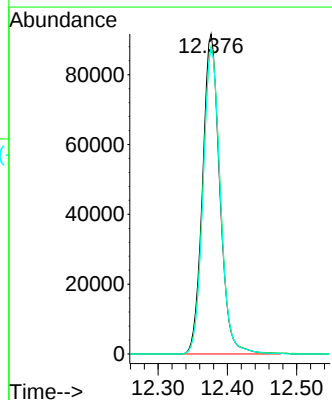
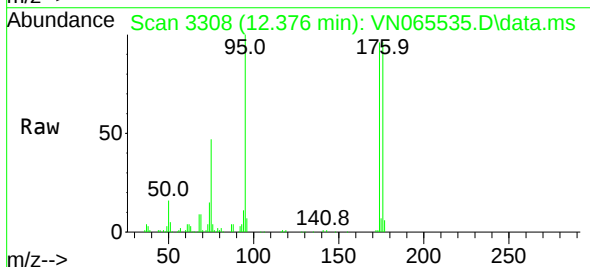
Instrument :
MSVOA_N
ClientSampled :
30936

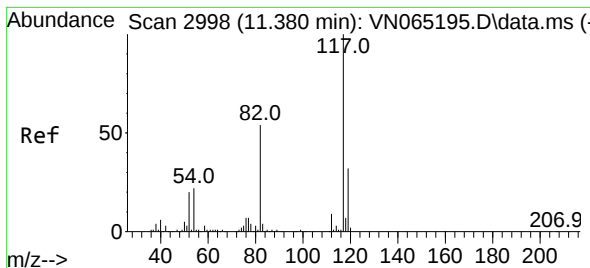
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 53.25 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

Tgt Ion: 95 Resp: 158268
Ion Ratio Lower Upper
95 100
174 97.2 0.0 160.4
176 95.9 0.0 158.4

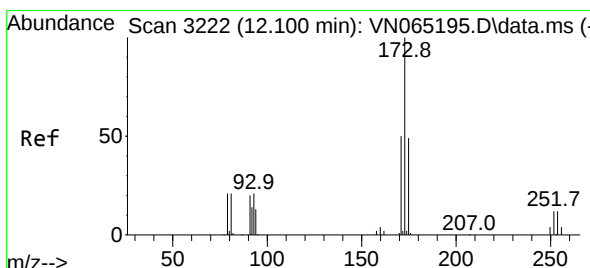
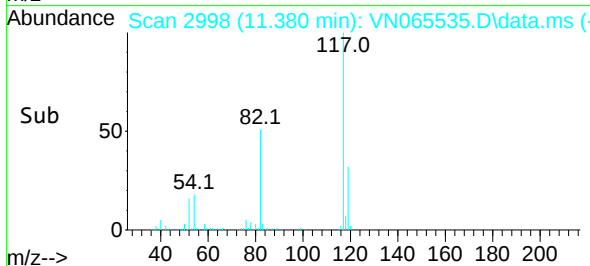
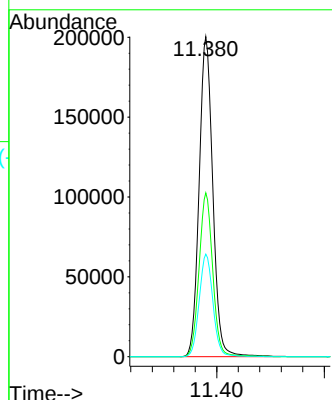
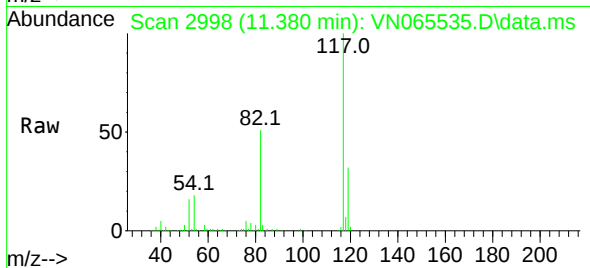




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

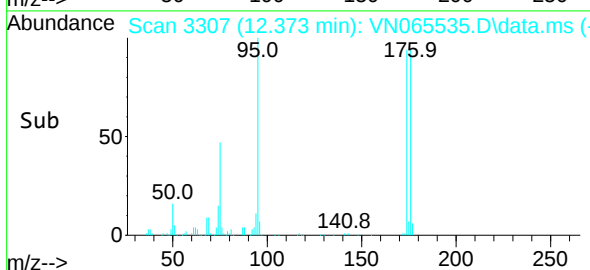
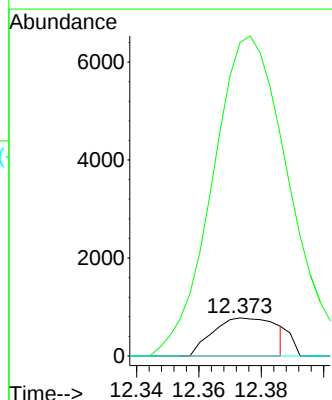
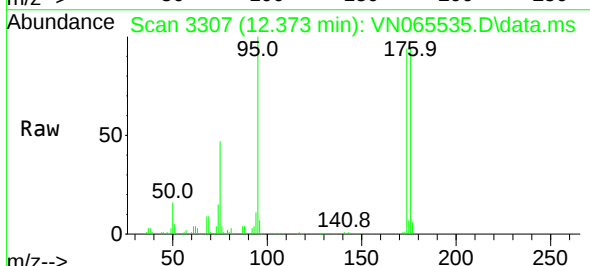
Instrument :
MSVOA_N
ClientSampleId :
30936

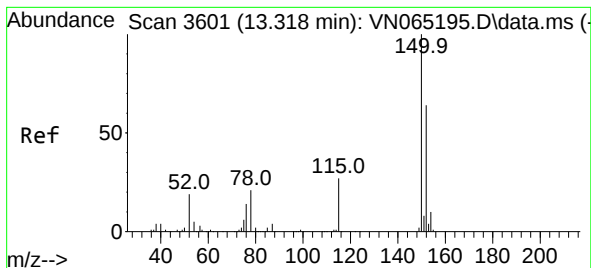
Tgt Ion:117 Resp: 353212
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065535.D
Acq: 15 Jan 2021 20:30

Tgt Ion:173 Resp: 1089
Ion Ratio Lower Upper
173 100
175 840.9 24.3 72.8#
254 0.0 0.0 0.0

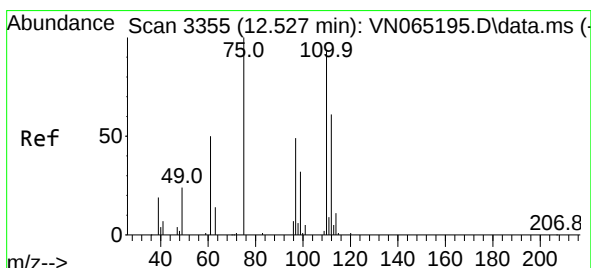
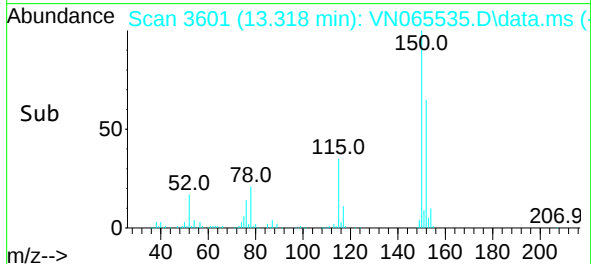
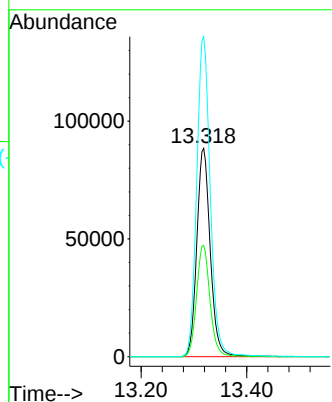
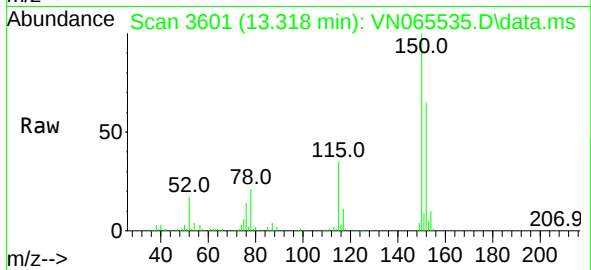




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065535.D
 Acq: 15 Jan 2021 20:30

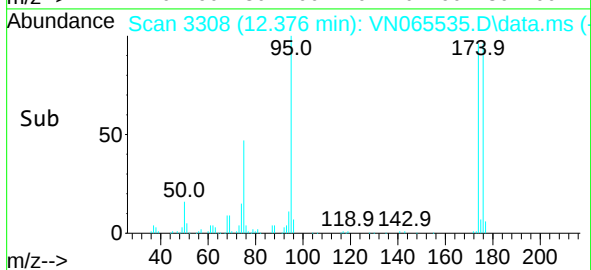
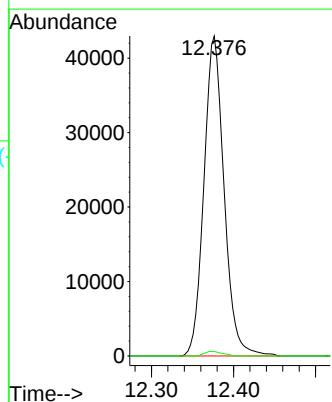
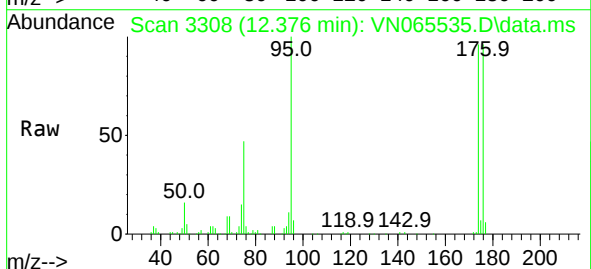
Instrument :
 MSVOA_N
 ClientSampled :
 30936

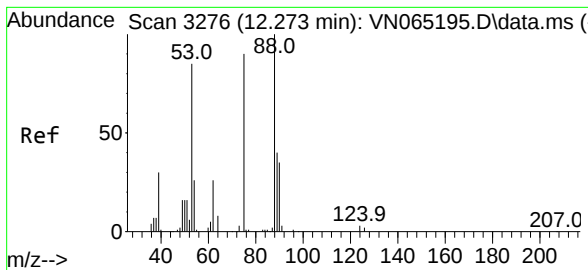
Tgt Ion:152 Resp: 156090
 Ion Ratio Lower Upper
 152 100
 115 53.3 29.7 89.1
 150 154.9 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 23.03 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065535.D
 Acq: 15 Jan 2021 20:30

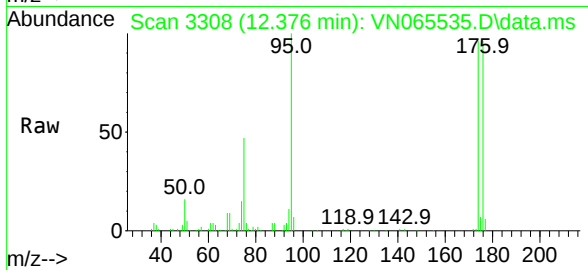
Tgt Ion: 75 Resp: 73334
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.07 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.103 min
 Lab File: VN065535.D
 Acq: 15 Jan 2021 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 30936



Tgt Ion:	75	Resp:	73334
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.4#
89	0.0	39.6	59.4#

