

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065519.D
 Acq On : 15 Jan 2021 13:22
 Operator : JC/MD
 Sample : VN0115WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBL01

Quant Time: Jan 15 23:39:50 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)

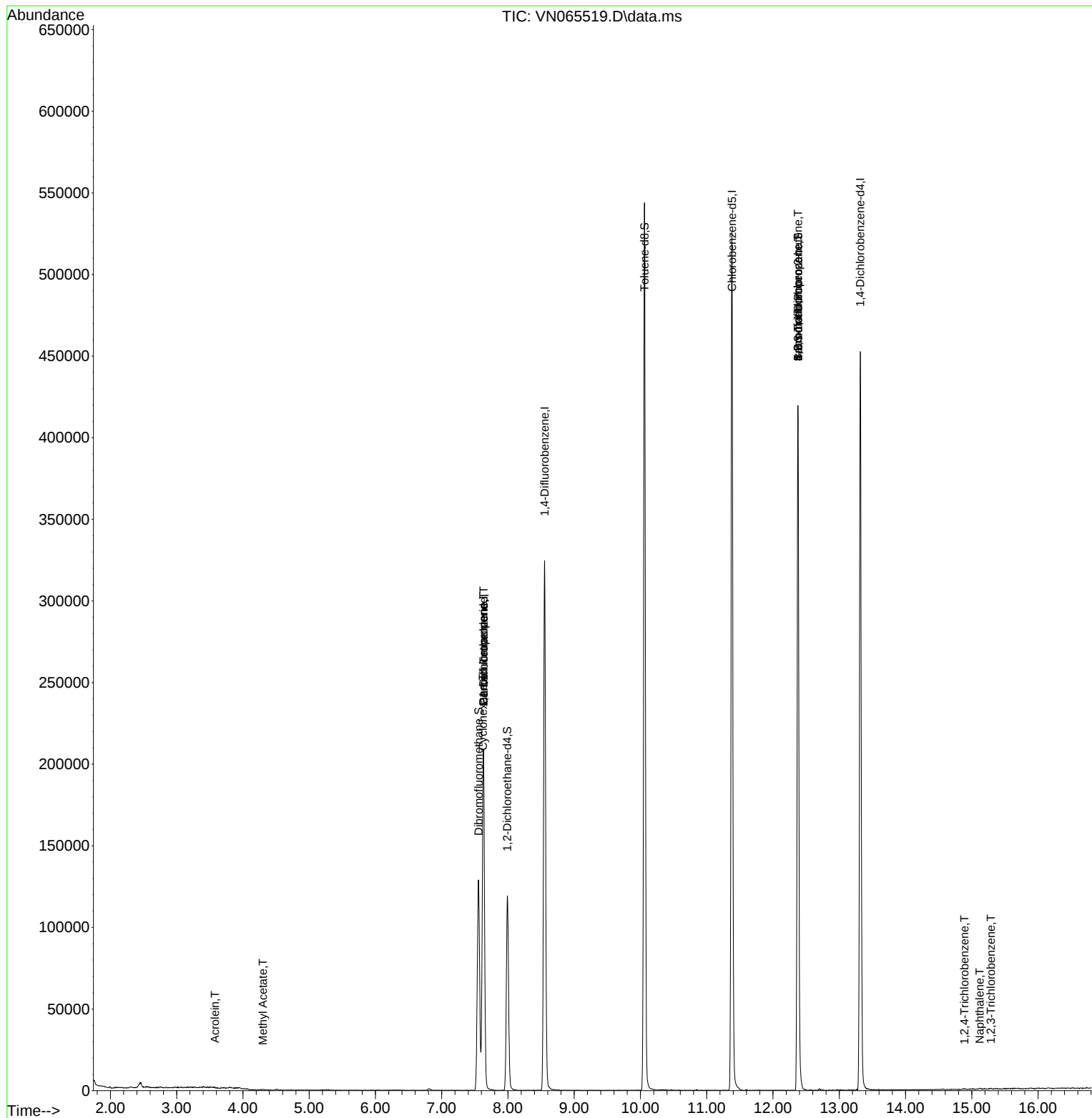
Internal Standards						
1) Pentafluorobenzene	7.630	168	195441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	319923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	343729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	144495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	103773	47.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.06%		
35) Dibromofluoromethane	7.557	113	99254	51.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.84%		
50) Toluene-d8	10.061	98	399824	55.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.54%		
62) 4-Bromofluorobenzene	12.376	95	150576	52.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.72%		
Target Compounds						Qvalue
13) Acrolein	3.579	56	177	3.13	ug/l #	14
16) Acetone	3.791	43	881	Below Cal	#	43
18) Methyl Acetate	4.303	43	593	0.30	ug/l #	50
31) Cyclohexane	7.621	56	2819	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	11821	4.06	ug/l #	49
38) Carbon Tetrachloride	7.630	117	16000	5.24	ug/l #	16
71) Bromoform	12.376	173	973	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	70198	23.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	70198	60.05	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	217	2.90	ug/l #	46
95) Naphthalene	15.119	128	627	3.45	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.289	180	330	3.34	ug/l #	62

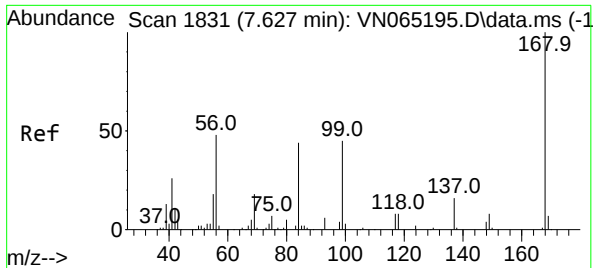
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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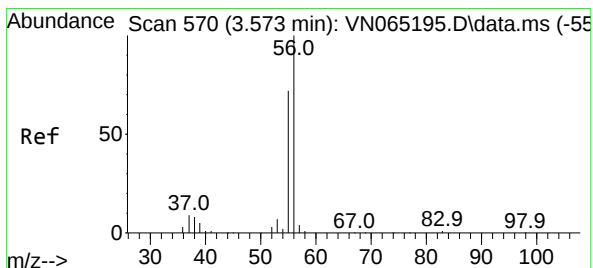
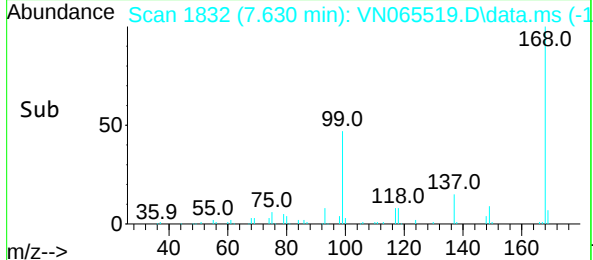
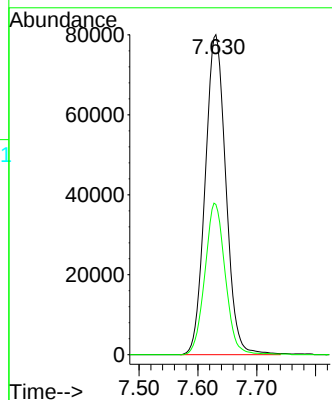
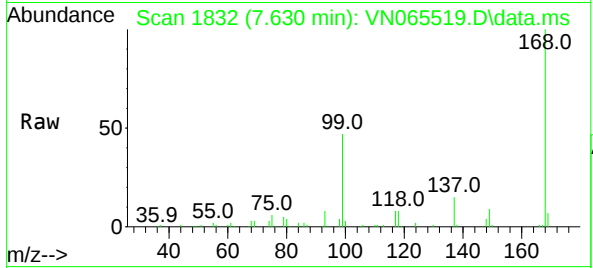




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

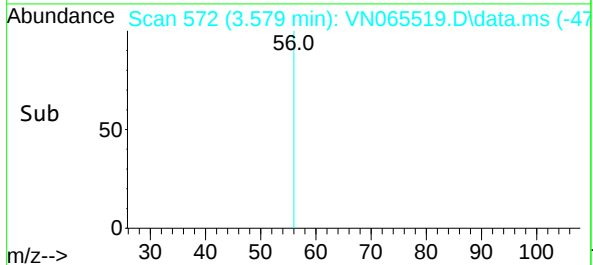
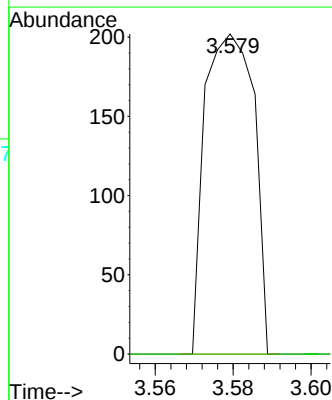
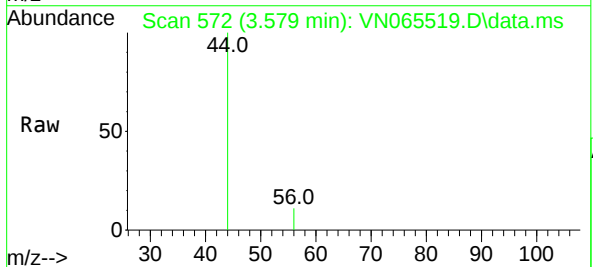
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

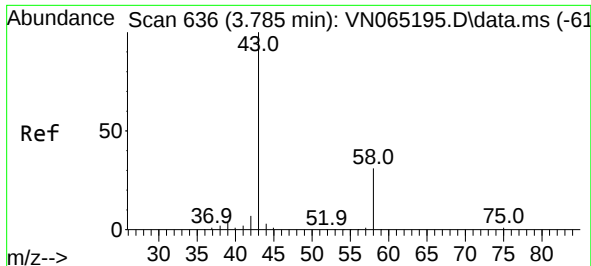
Tgt Ion:168 Resp: 195441
Ion Ratio Lower Upper
168 100
99 47.0 43.0 64.4



#13
Acrolein
Concen: 3.13 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

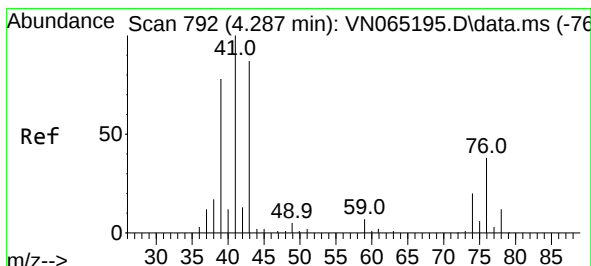
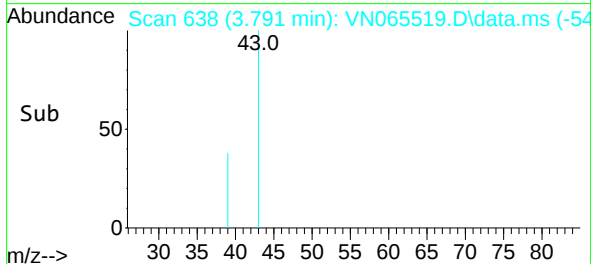
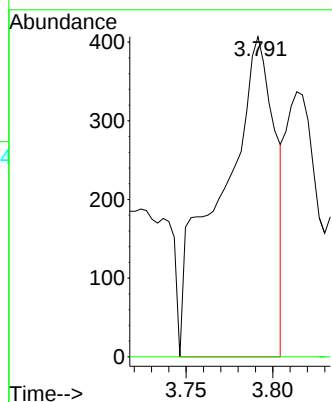
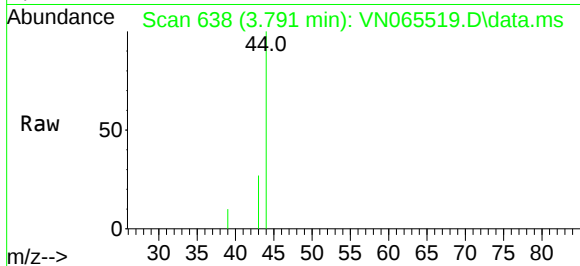




#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

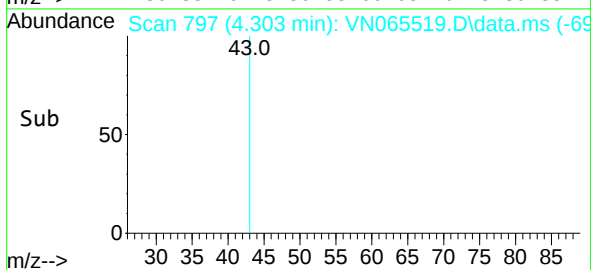
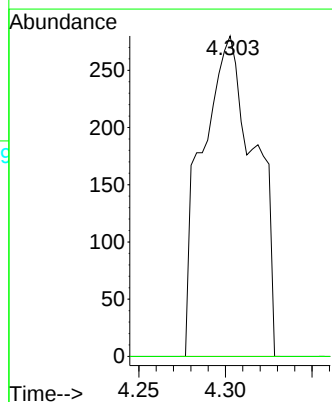
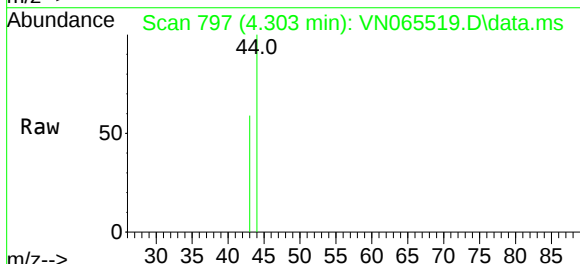
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

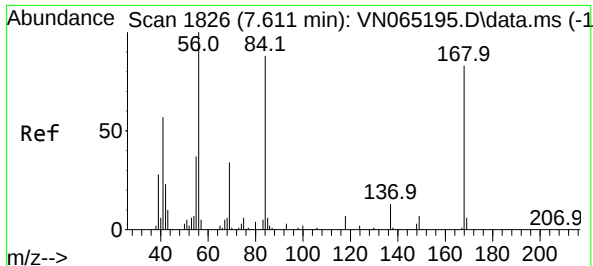
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#31

Cyclohexane

Concen: 0.87 ug/l

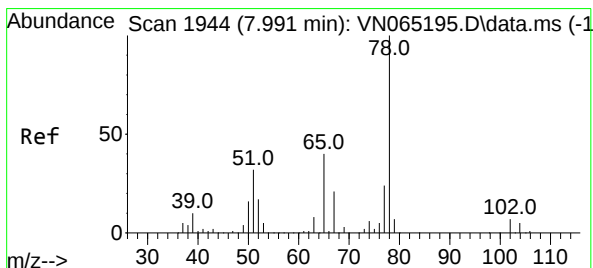
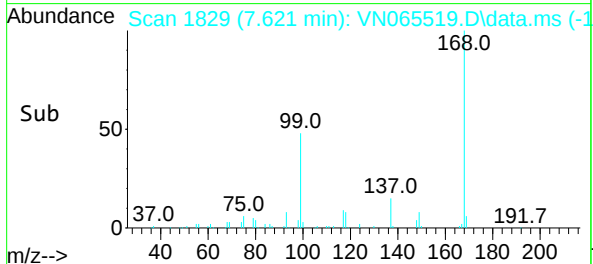
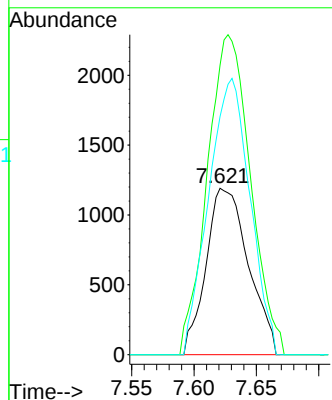
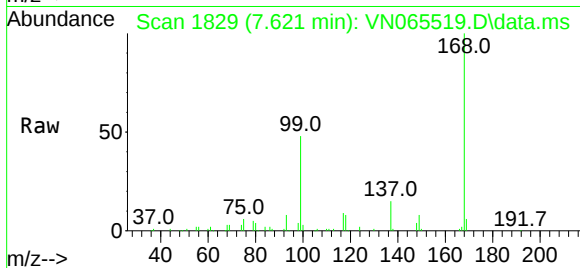
RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN065519.D

Acq: 15 Jan 2021 13:22

Tgt Ion:	56	Resp:	2819
Ion	Ratio	Lower	Upper
56	100		
69	174.0	27.5	41.3#
84	143.2	73.9	110.9#



#33

1,2-Dichloroethane-d4

Concen: 47.03 ug/l

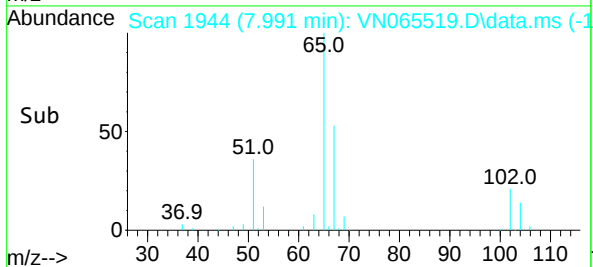
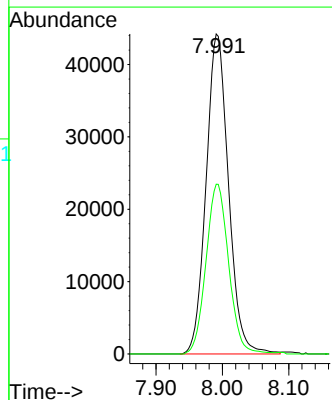
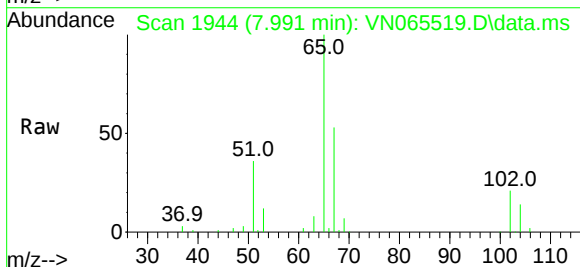
RT: 7.991 min Scan# 1944

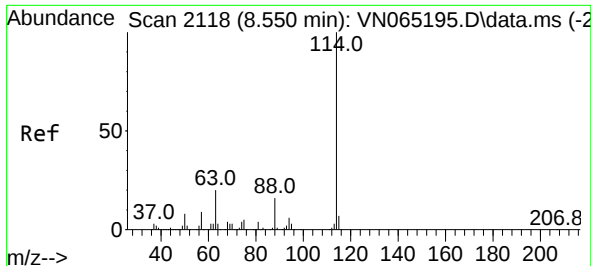
Delta R.T. -0.000 min

Lab File: VN065519.D

Acq: 15 Jan 2021 13:22

Tgt Ion:	65	Resp:	103773
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.2

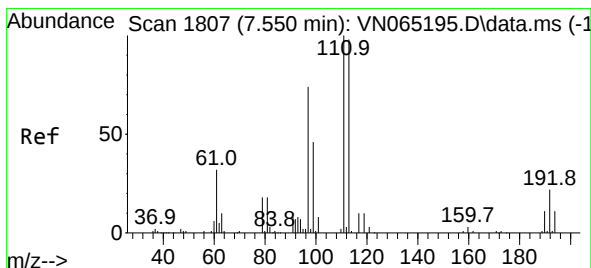
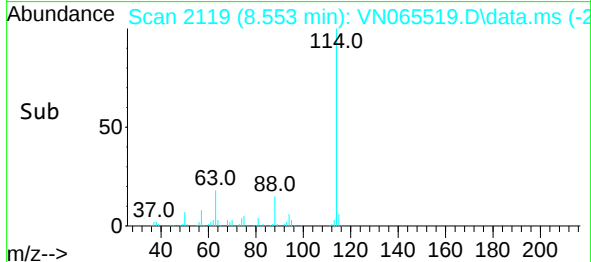
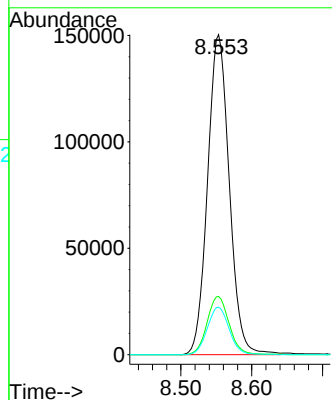
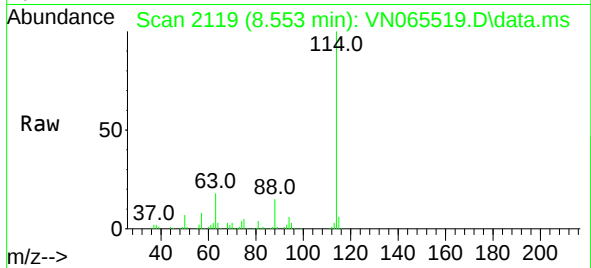




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

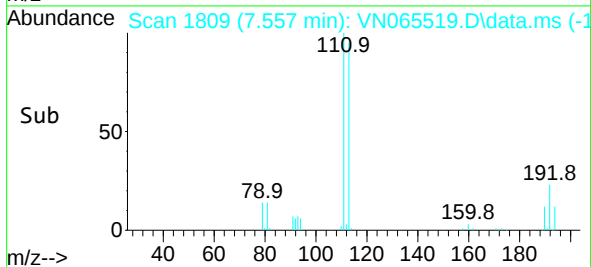
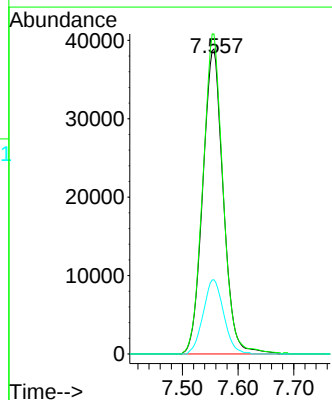
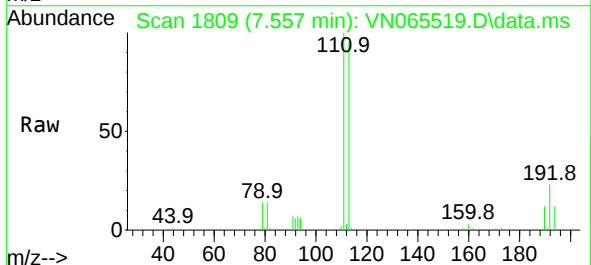
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

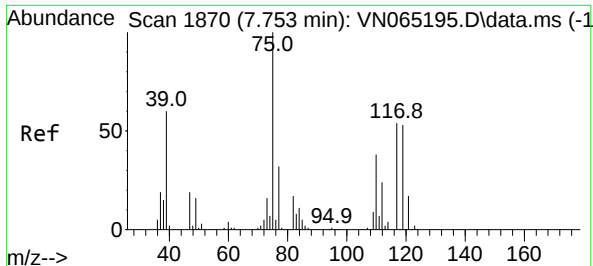
Tgt Ion:114	Resp:	319923
Ion	Ratio	Lower Upper
114	100	
63	18.2	0.0 38.6
88	14.9	0.0 32.6



#35
Dibromofluoromethane
Concen: 51.42 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion:113	Resp:	99254
Ion	Ratio	Lower Upper
113	100	
111	103.2	81.6 122.4
192	24.4	16.2 24.2#

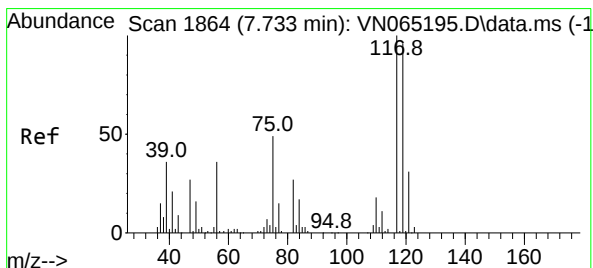
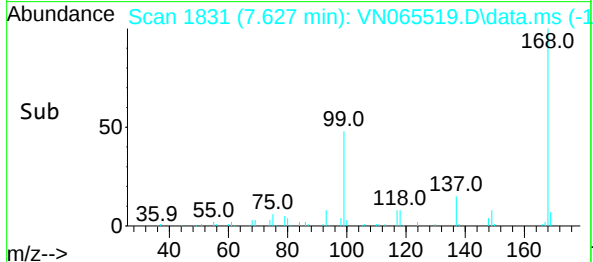
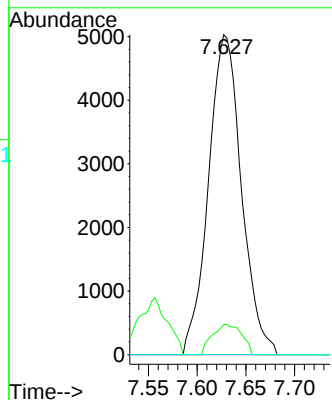
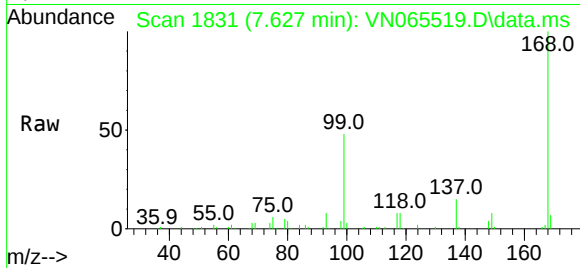




#36
1,1-Dichloropropene
Concen: 4.06 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

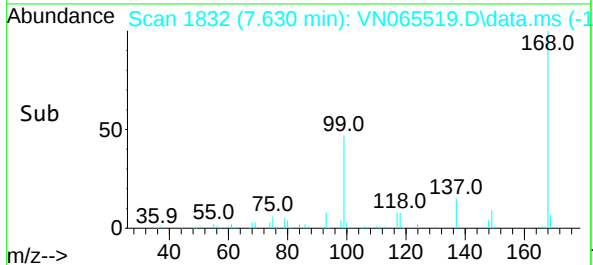
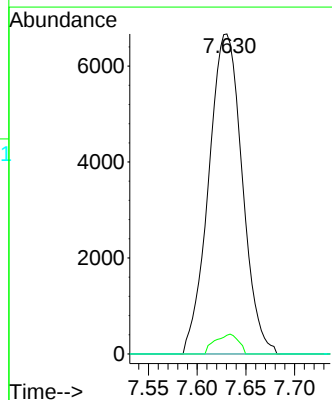
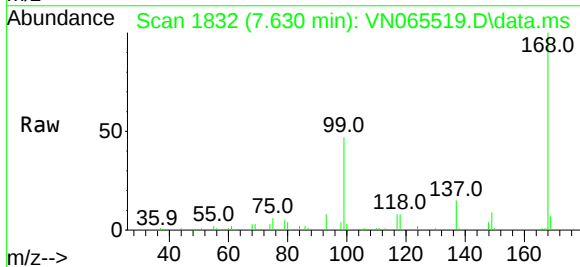
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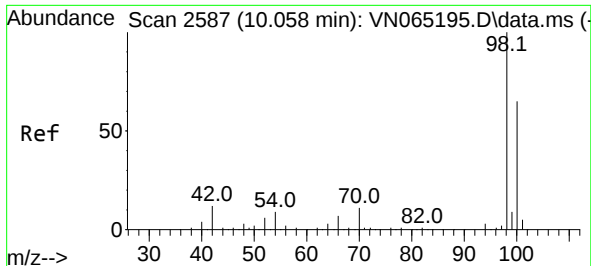
Tgt Ion: 75 Resp: 11821
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion: 117 Resp: 16000
Ion Ratio Lower Upper
117 100
119 5.8 76.7 115.1#
121 0.0 25.4 38.2#

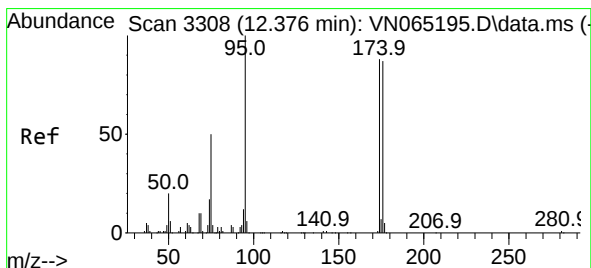
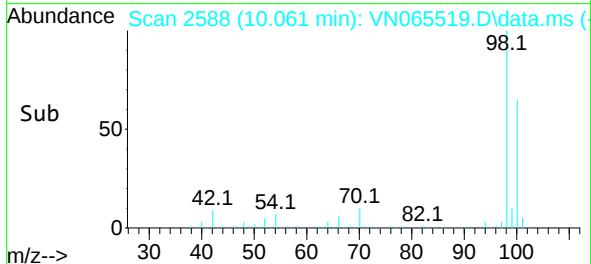
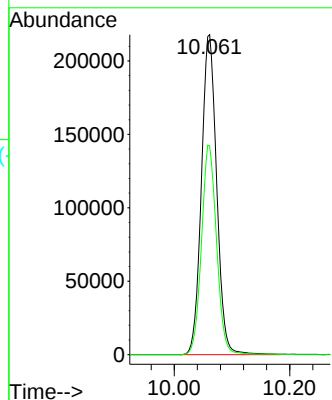
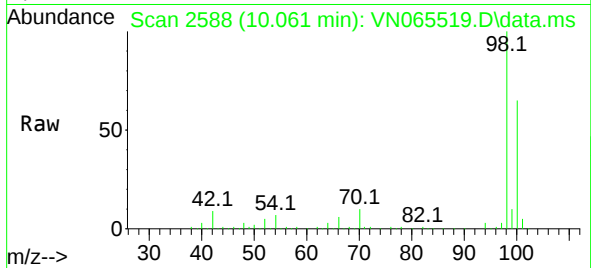




#50
Toluene-d8
Concen: 55.27 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

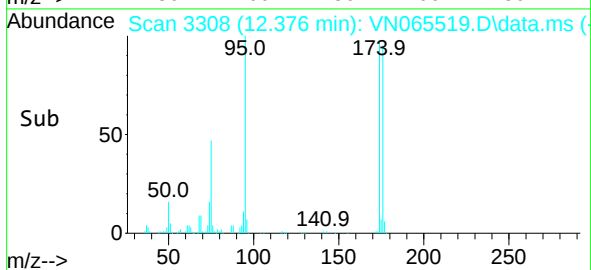
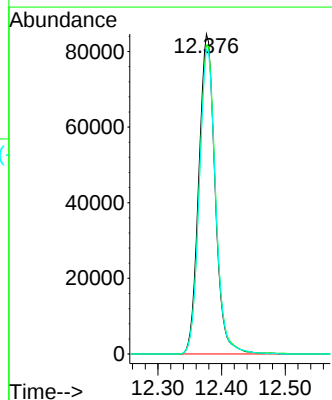
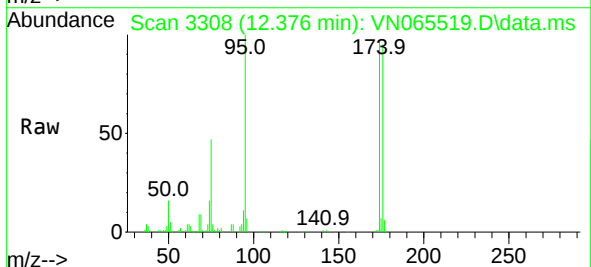
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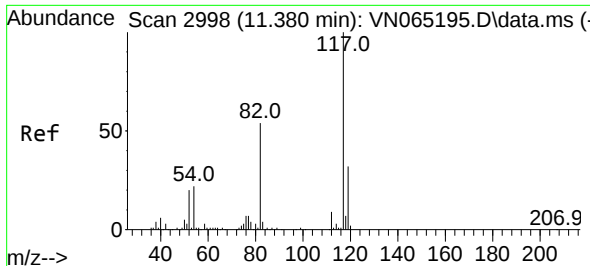
Tgt Ion: 98 Resp: 399824
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.36 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion: 95 Resp: 150576
Ion Ratio Lower Upper
95 100
174 97.3 0.0 160.4
176 95.6 0.0 158.4

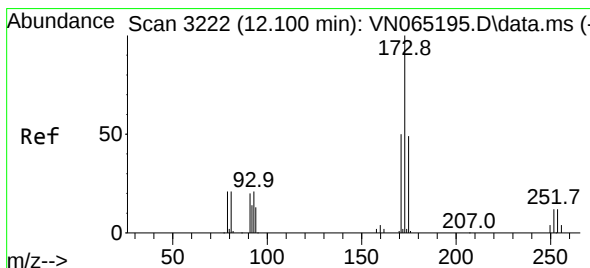
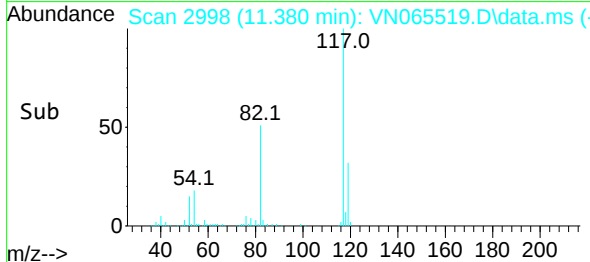
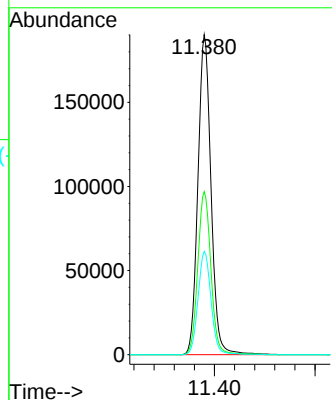
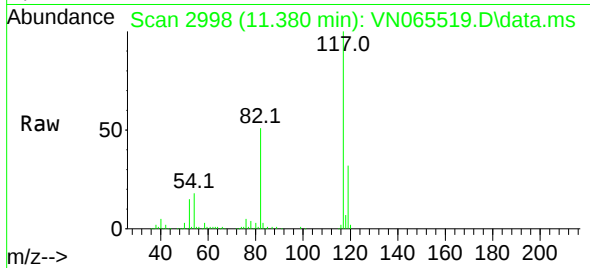




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

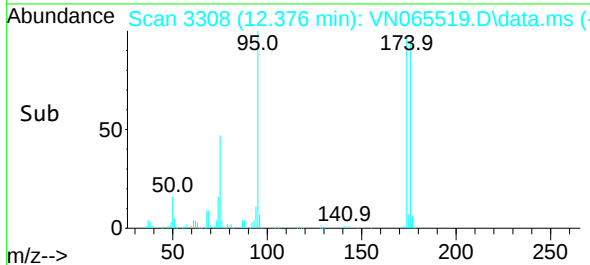
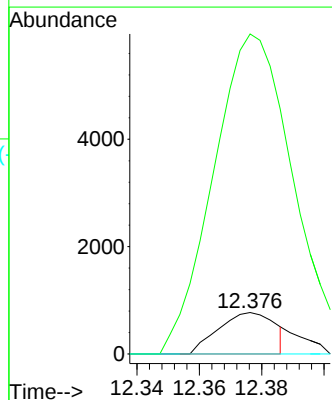
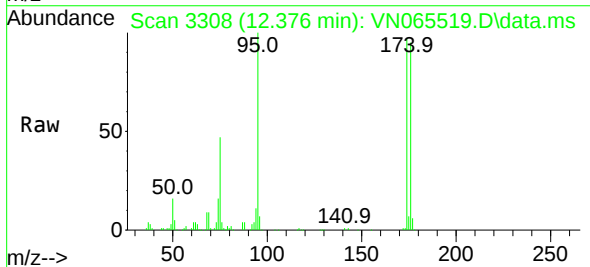
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

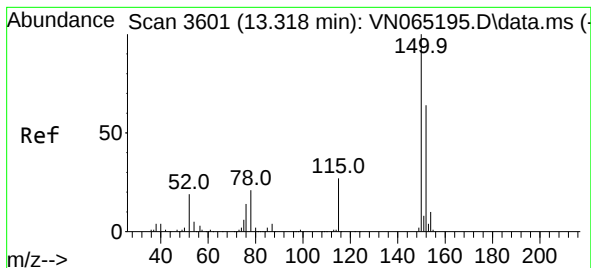
Tgt Ion:117 Resp: 343729
Ion Ratio Lower Upper
117 100
82 51.0 44.2 66.2
119 32.2 25.8 38.6



#71
Bromoform
Concen: 0.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion:173 Resp: 973
Ion Ratio Lower Upper
173 100
175 871.2 24.3 72.8#
254 0.0 0.0 0.0

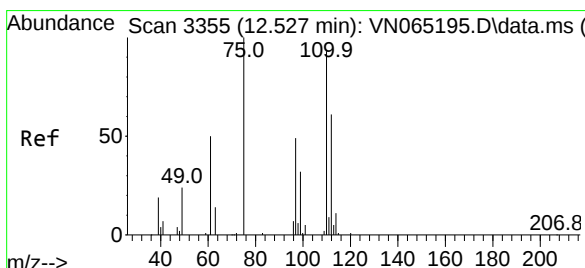
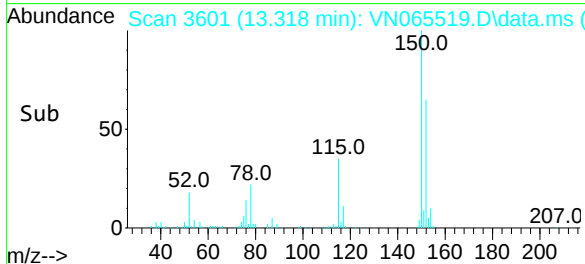
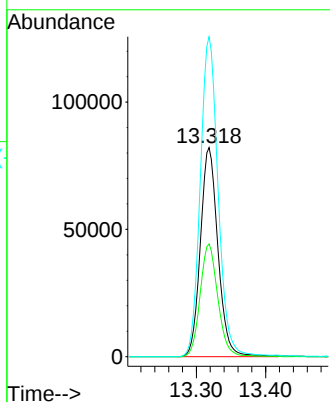
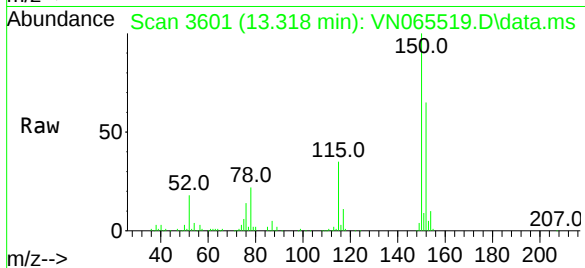




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065519.D
 Acq: 15 Jan 2021 13:22

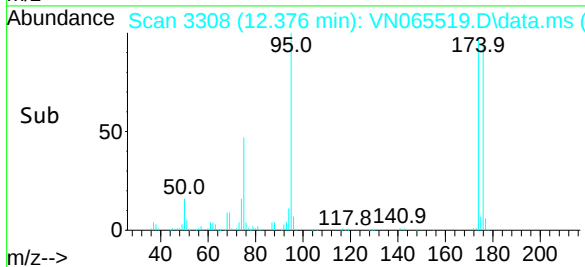
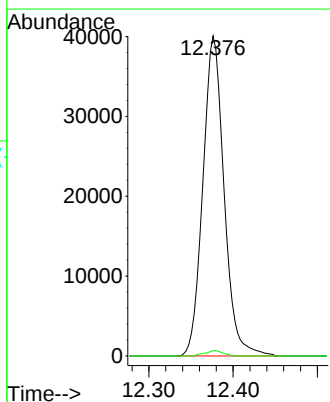
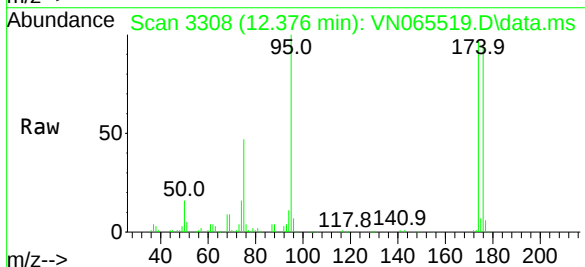
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBL01

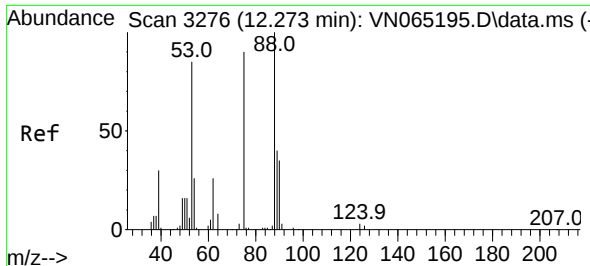
Tgt Ion:152 Resp: 144495
 Ion Ratio Lower Upper
 152 100
 115 54.4 29.7 89.1
 150 155.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 23.81 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.151 min
 Lab File: VN065519.D
 Acq: 15 Jan 2021 13:22

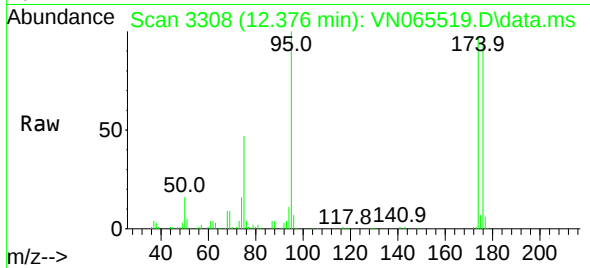
Tgt Ion: 75 Resp: 70198
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



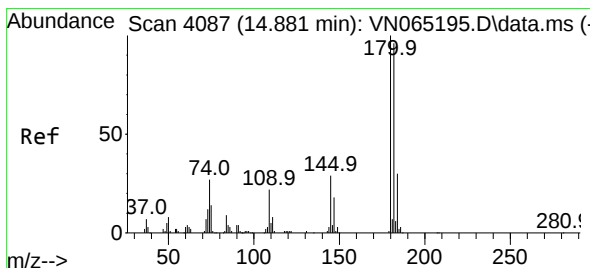
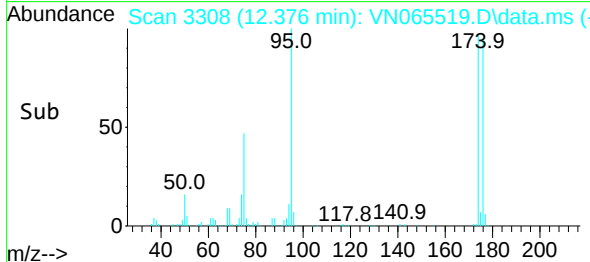
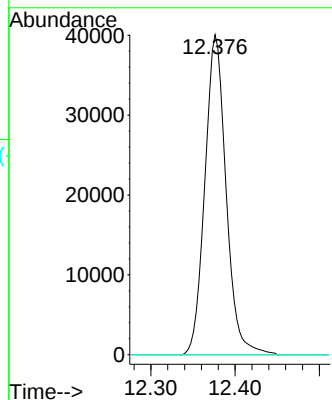


#81
trans-1,4-Dichloro-2-butene
Concen: 60.05 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

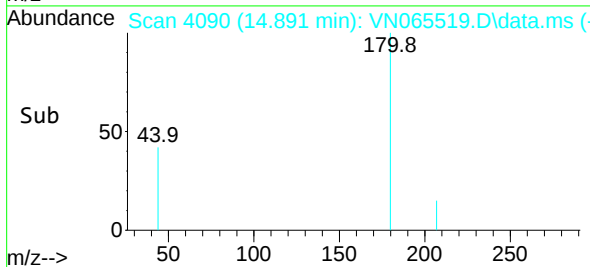
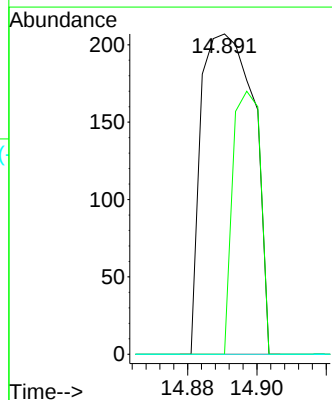
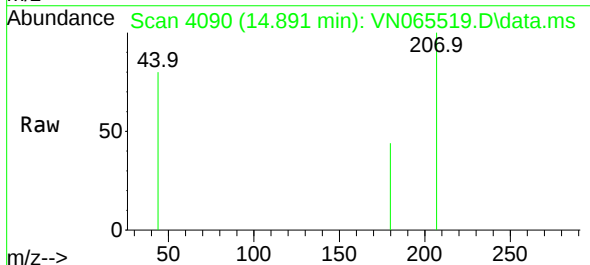


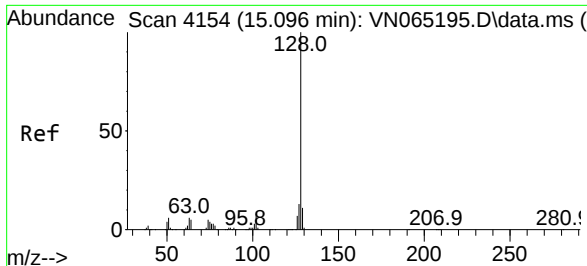
Tgt Ion: 75 Resp: 70198
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.90 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion: 180 Resp: 217
Ion Ratio Lower Upper
180 100
182 43.3 47.6 142.9#
145 0.0 15.3 45.8#

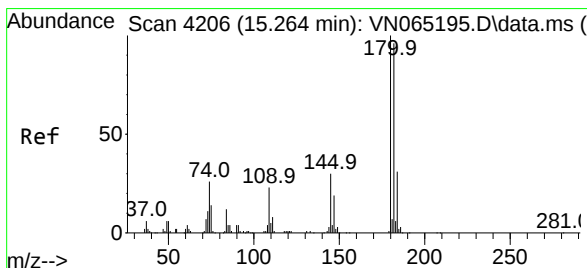
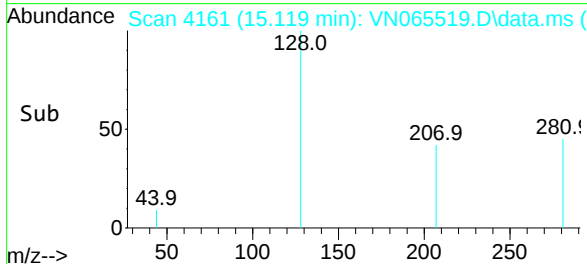
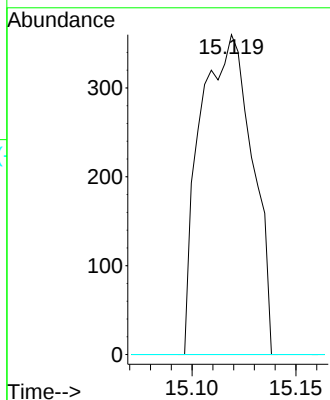
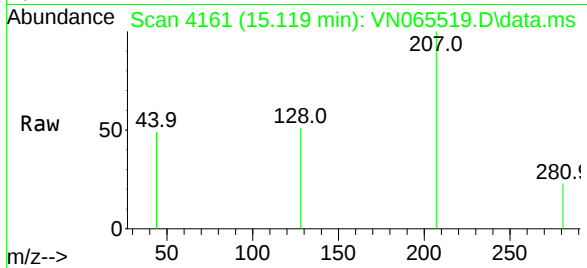




#95
Naphthalene
Concen: 3.45 ug/l
RT: 15.119 min Scan# 4161
Delta R.T. 0.023 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBL01

Tgt Ion:128 Resp: 627
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.34 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.025 min
Lab File: VN065519.D
Acq: 15 Jan 2021 13:22

Tgt Ion:180 Resp: 330
Ion Ratio Lower Upper
180 100
182 66.4 48.1 144.4
145 0.0 16.4 49.1#

