

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065416.D
 Acq On : 7 Jan 2021 10:30
 Operator : JC/MD
 Sample : VN0107MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107MBL01

Quant Time: Jan 08 01:14:19 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)

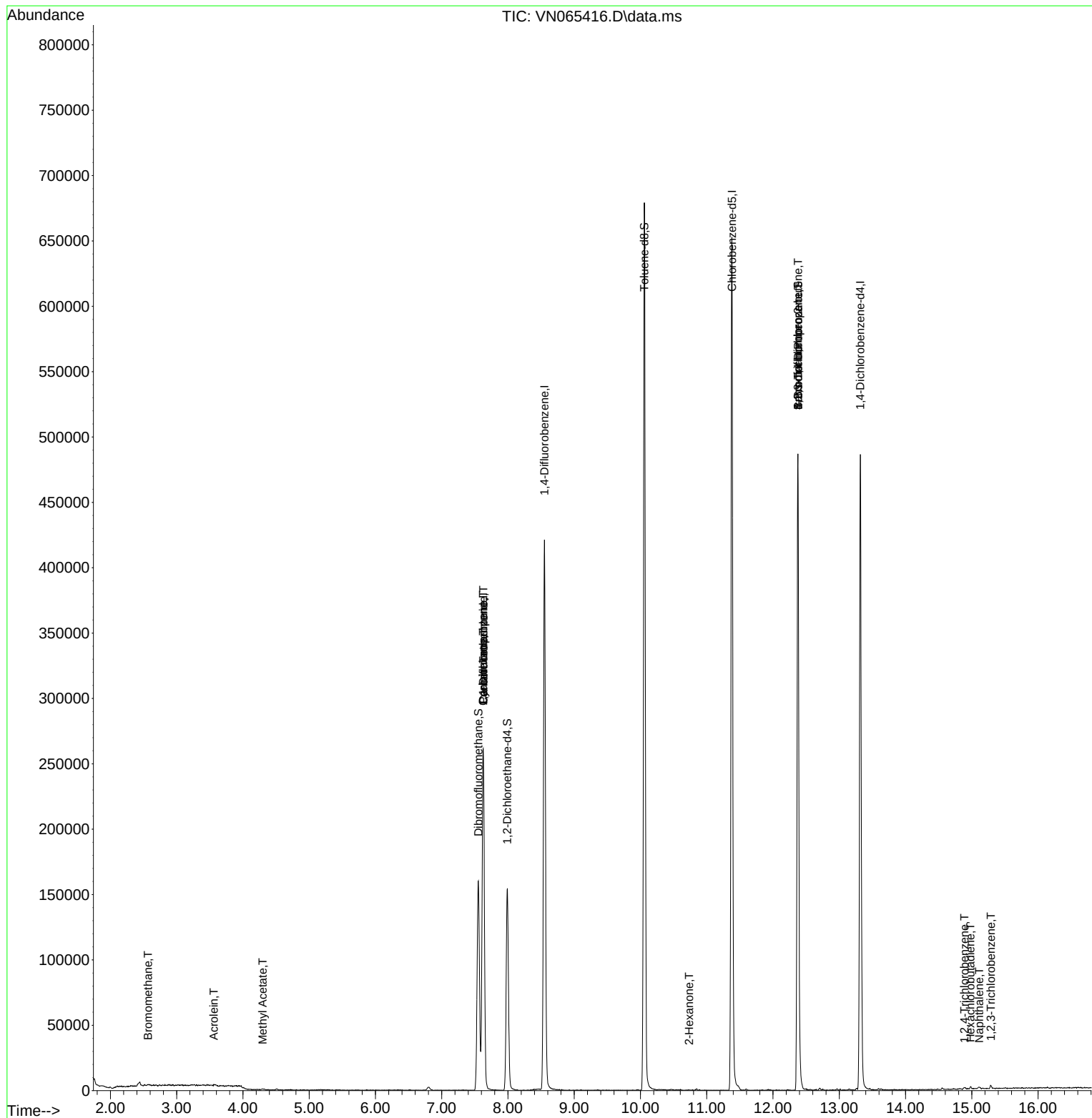
Internal Standards						
1) Pentafluorobenzene	7.627	168	243984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	409224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	423049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	153443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	136475	49.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.10%			
35) Dibromofluoromethane	7.553	113	124737	50.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.04%			
50) Toluene-d8	10.058	98	499531	53.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.96%			
62) 4-Bromofluorobenzene	12.376	95	180050	49.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.56%			
Target Compounds					Qvalue	
5) Bromomethane	2.566	94	479	0.25	ug/l	98
13) Acrolein	3.560	56	63	2.62	ug/l #	68
16) Acetone	3.791	43	502	Below Cal	#	43
18) Methyl Acetate	4.296	43	696	0.28	ug/l #	50
31) Cyclohexane	7.624	56	3985	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15291	4.11	ug/l #	49
38) Carbon Tetrachloride	7.627	117	20164	5.16	ug/l #	17
59) 2-Hexanone	10.733	43	527	0.20	ug/l #	23
71) Bromoform	12.376	173	1137	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	86063	27.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	86063	69.32	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	812	3.08	ug/l #	78
94) Hexachlorobutadiene	14.981	225	753	0.39	ug/l	75
95) Naphthalene	15.112	128	2918	3.71	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.289	180	1533	3.73	ug/l #	74

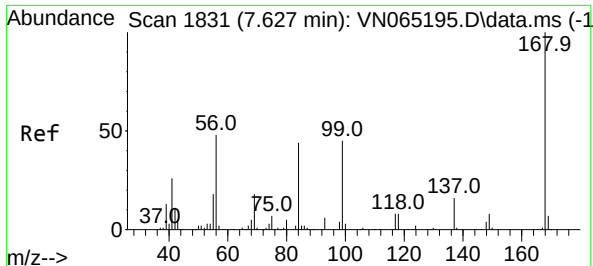
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 08 01:14:19 2021
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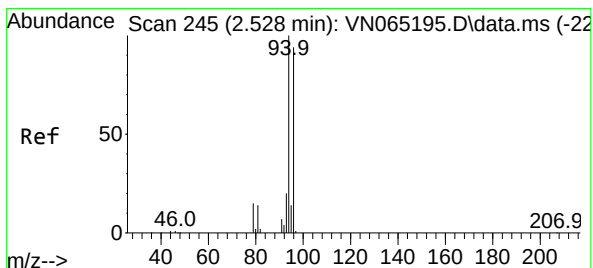
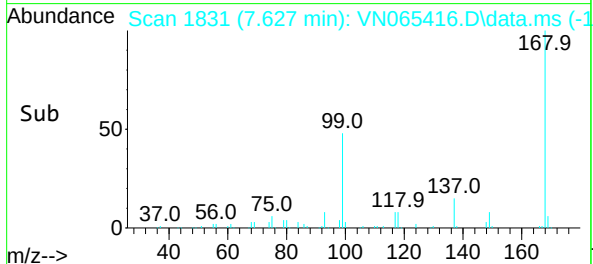
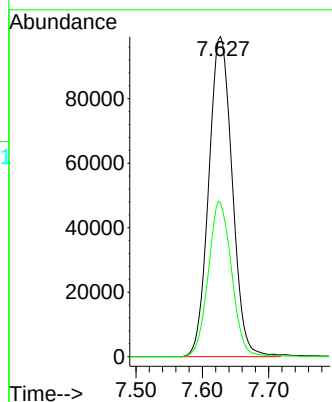
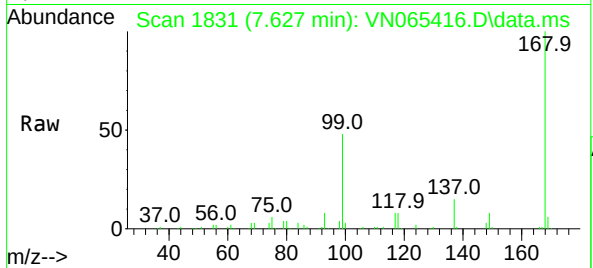




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

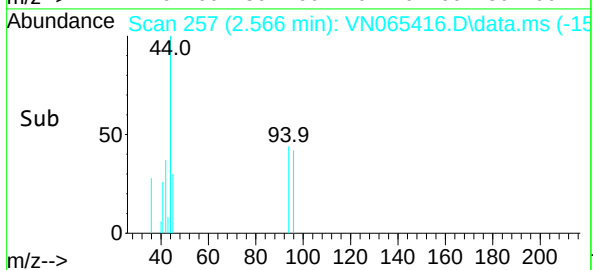
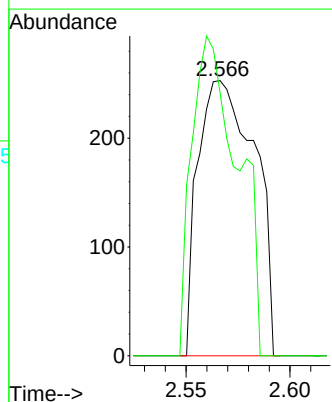
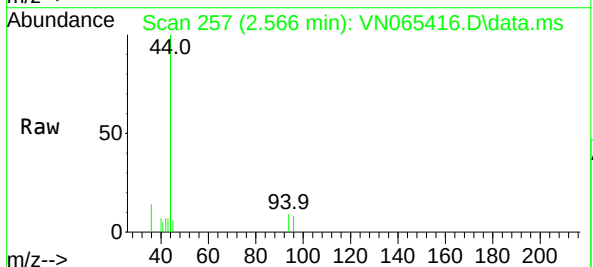
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

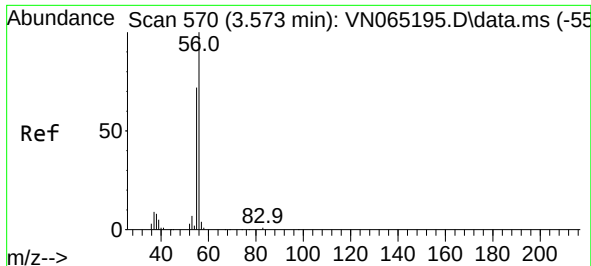
Tgt Ion:168 Resp: 243984
Ion Ratio Lower Upper
168 100
99 48.1 43.0 64.4



#5
Bromomethane
Concen: 0.25 ug/l
RT: 2.566 min Scan# 257
Delta R.T. 0.038 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion: 94 Resp: 479
Ion Ratio Lower Upper
94 100
96 95.7 75.4 113.0

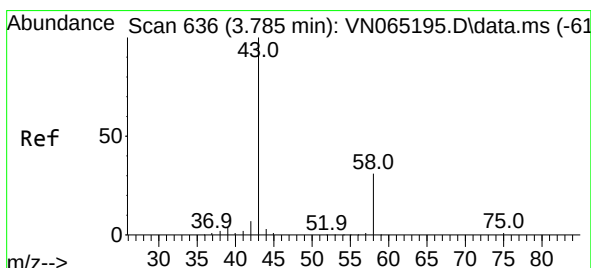
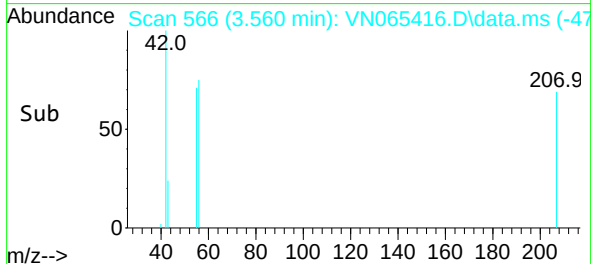
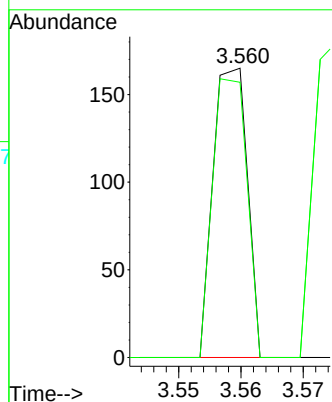
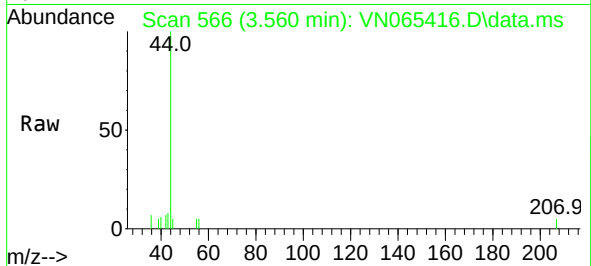




#13
Acrolein
Concen: 2.62 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.013 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

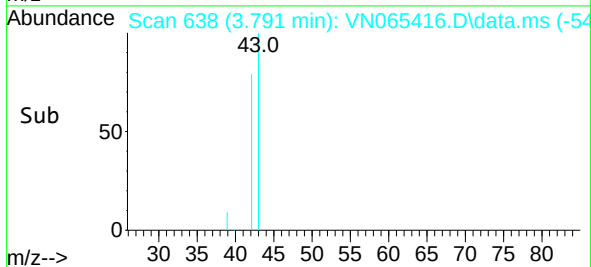
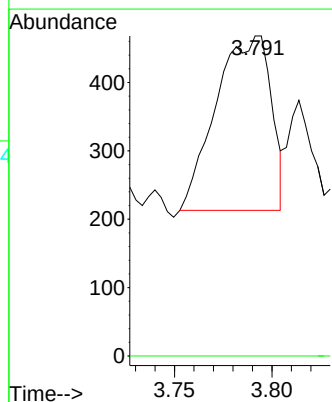
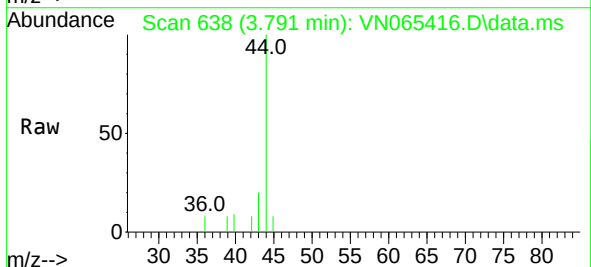
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

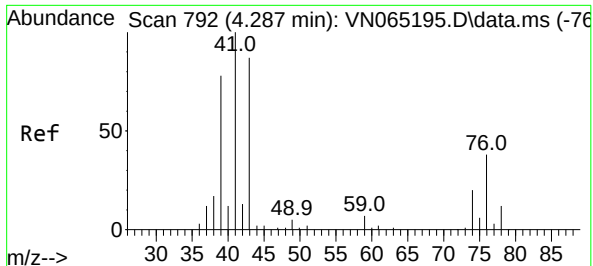
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 96.8 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

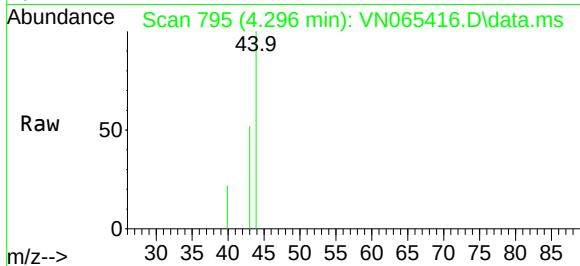
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



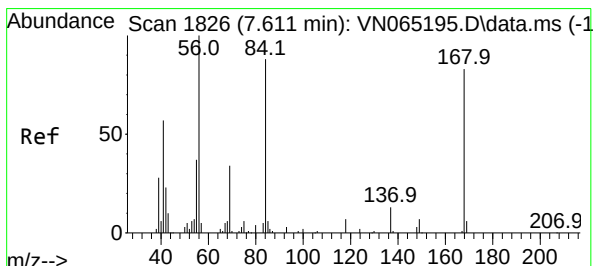
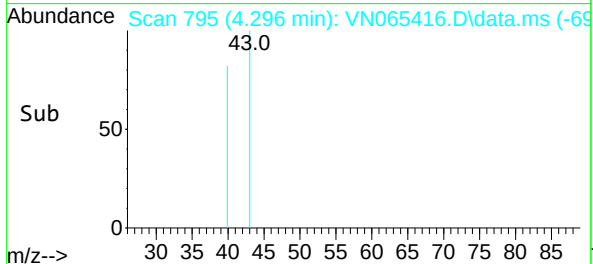
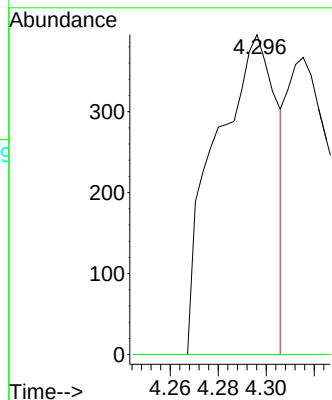


#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

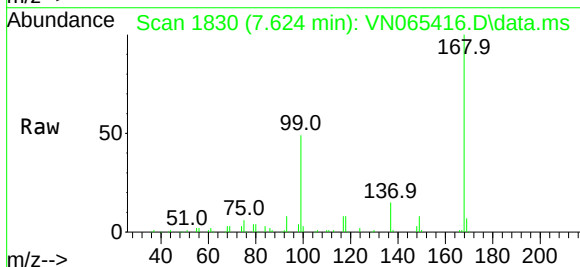
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01



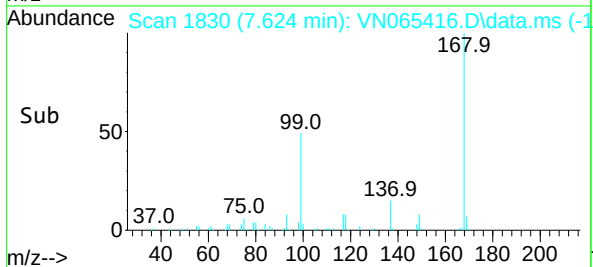
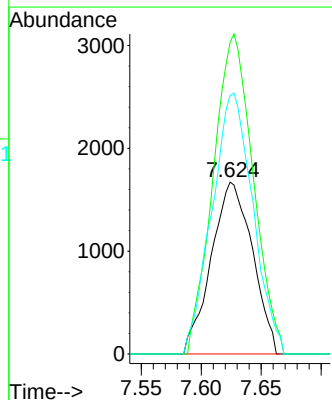
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#

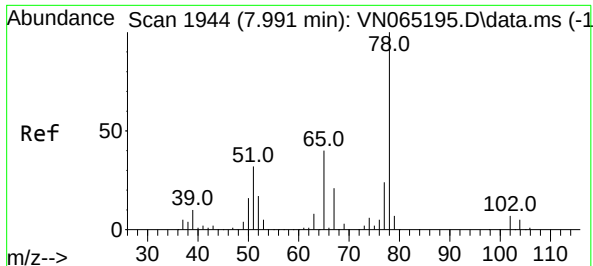


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30



Tgt Ion: 56 Resp: 3985
Ion Ratio Lower Upper
56 100
69 181.2 27.5 41.3#
84 150.2 73.9 110.9#

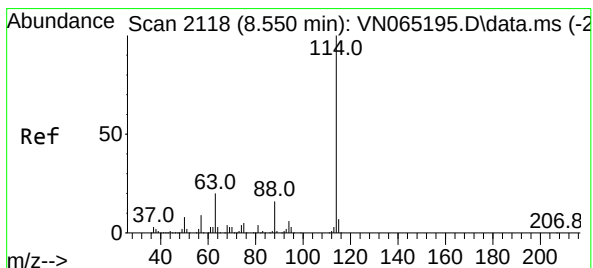
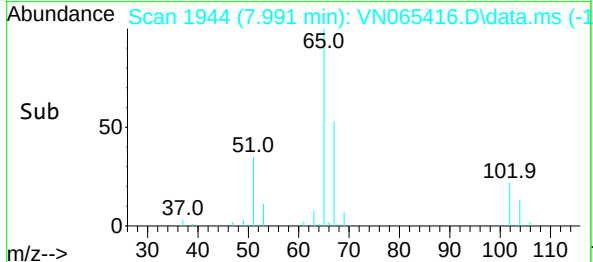
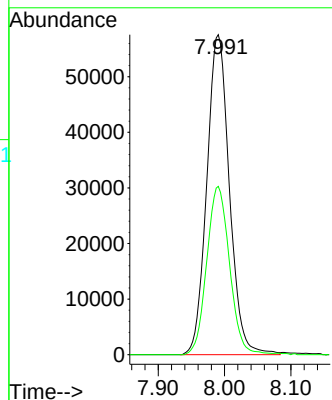
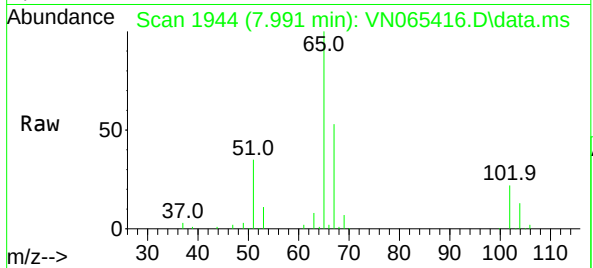




#33
1,2-Dichloroethane-d4
Concen: 49.55 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

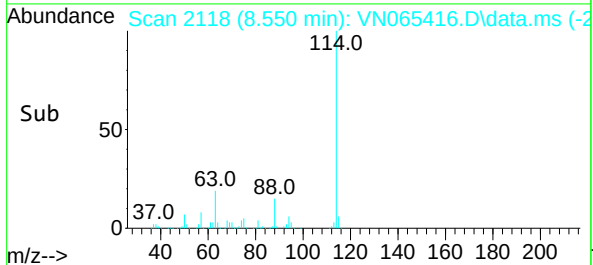
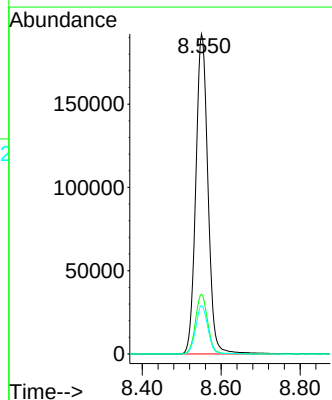
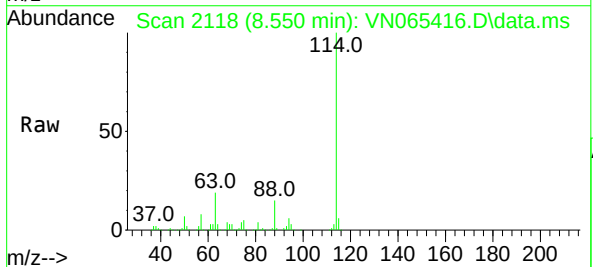
Instrument :
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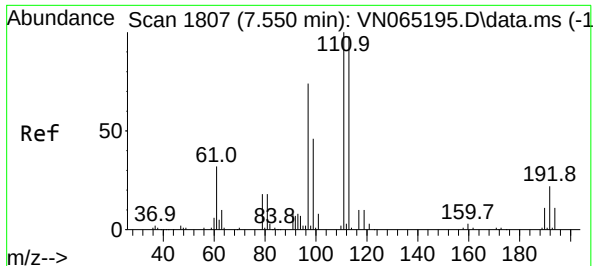
Tgt Ion: 65 Resp: 136475
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion: 114 Resp: 409224
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.2 0.0 32.6

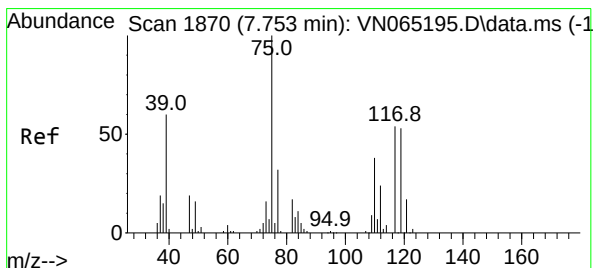
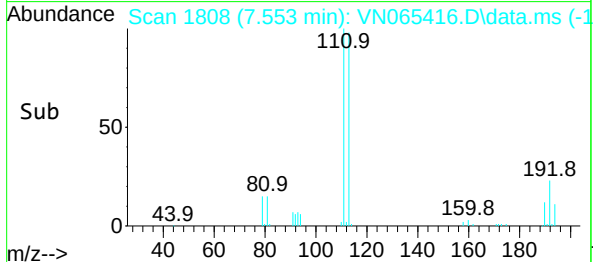
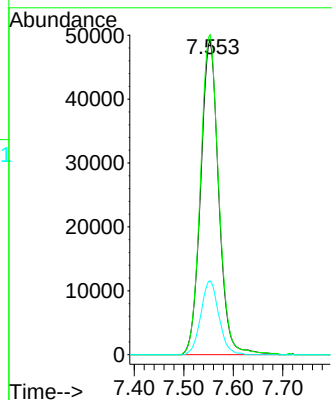
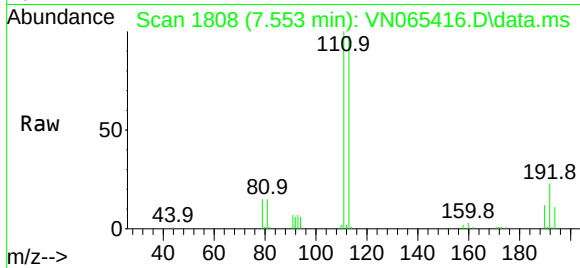




#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

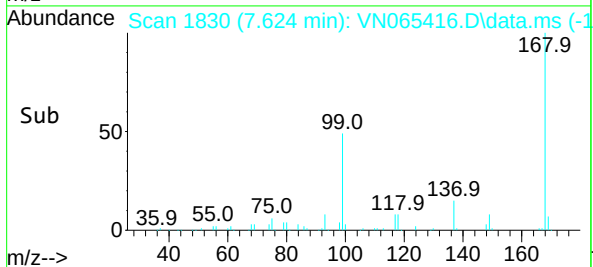
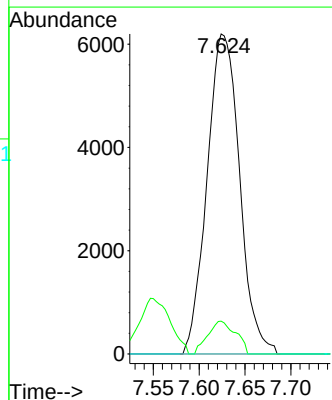
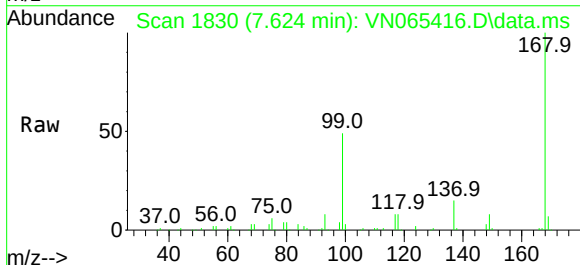
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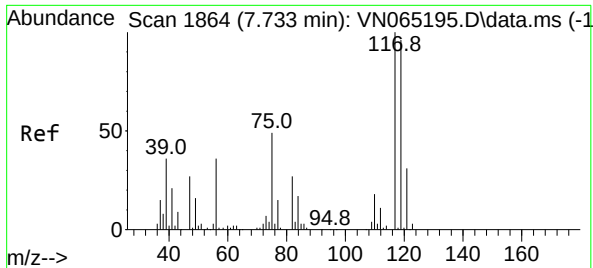
Tgt Ion:113 Resp: 124737
Ion Ratio Lower Upper
113 100
111 103.0 81.6 122.4
192 23.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion: 75 Resp: 15291
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#

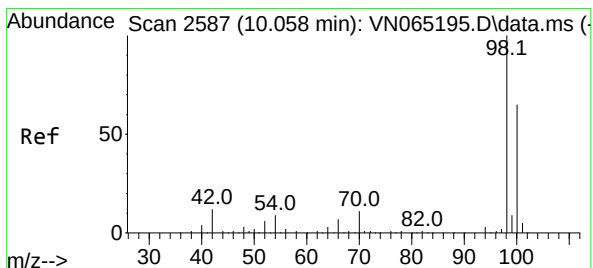
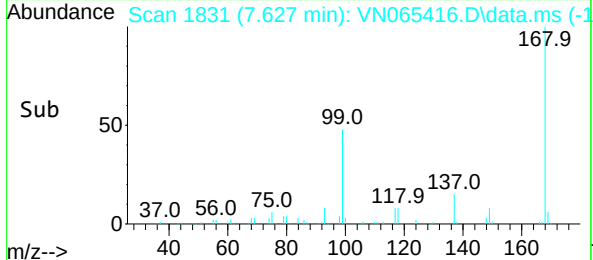
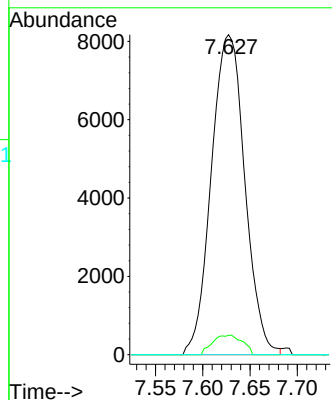
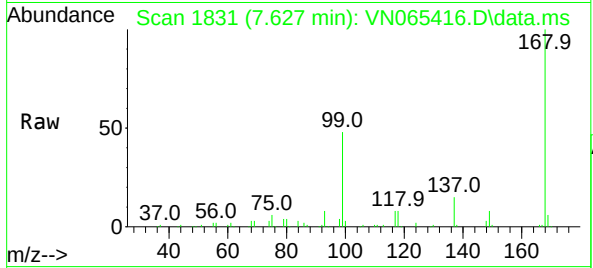




#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

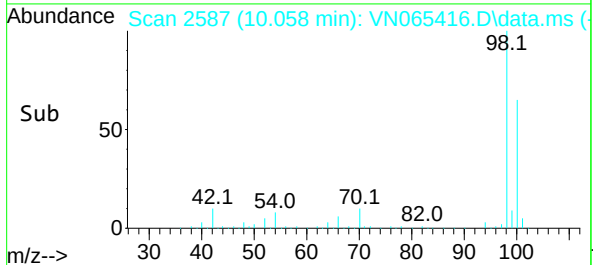
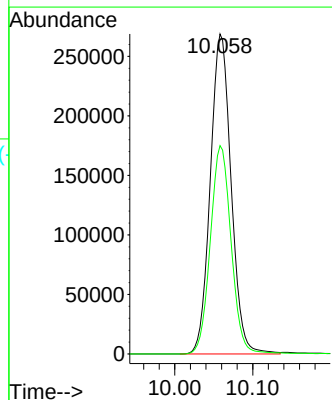
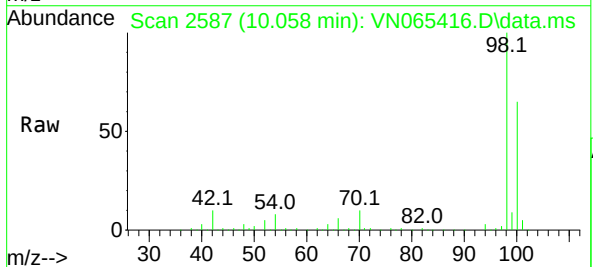
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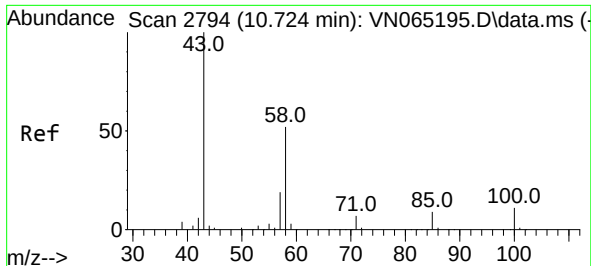
Tgt Ion:117 Resp: 20164
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 53.98 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion: 98 Resp: 499531
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

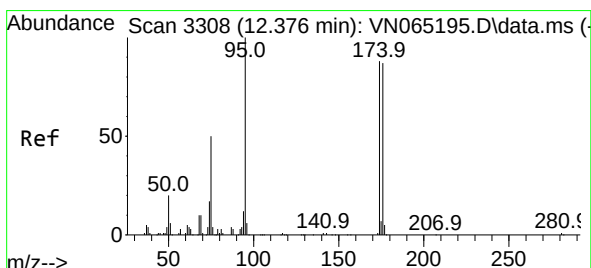
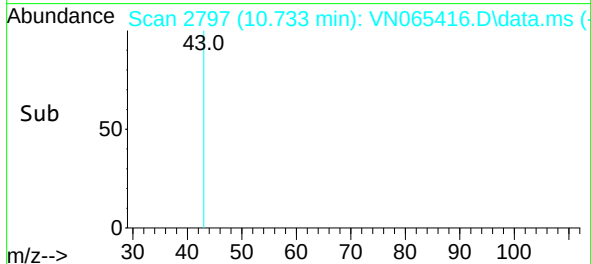
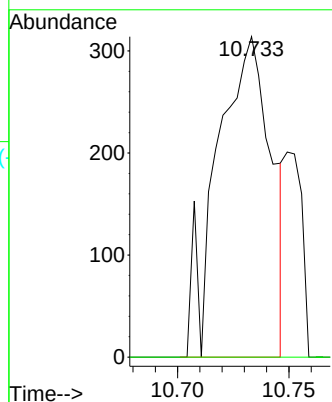
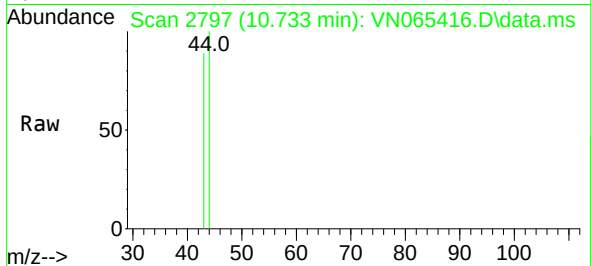




#59
2-Hexanone
Concen: 0.20 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.009 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

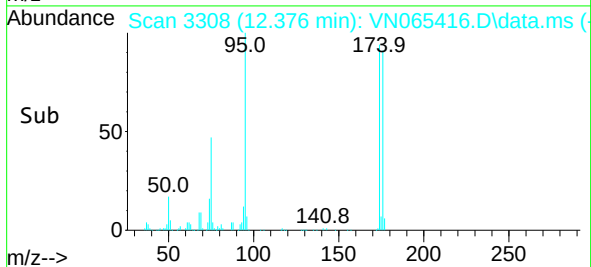
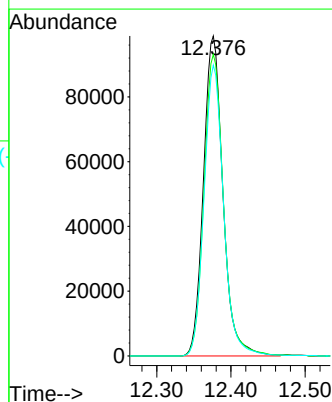
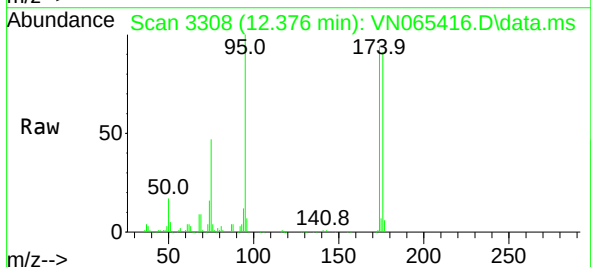
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

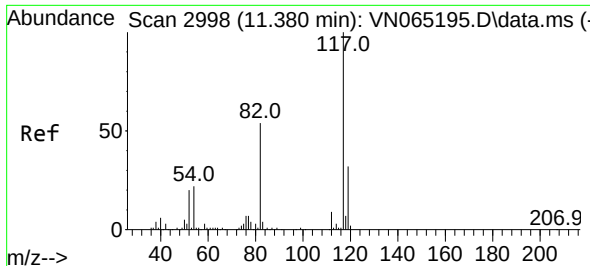
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 49.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion: 95 Resp: 180050
Ion Ratio Lower Upper
95 100
174 94.5 0.0 160.4
176 91.0 0.0 158.4

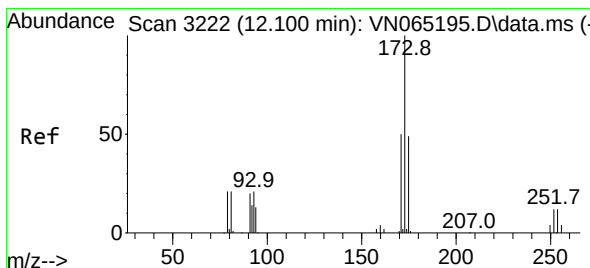
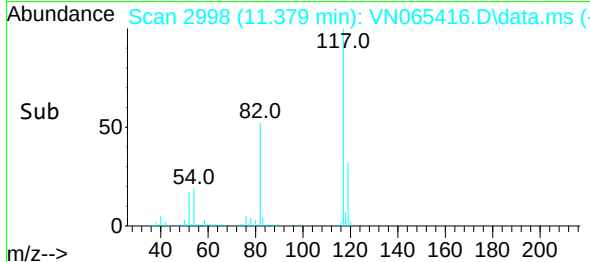
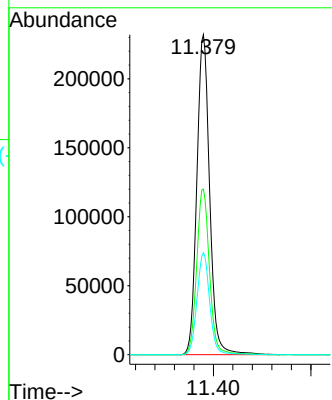
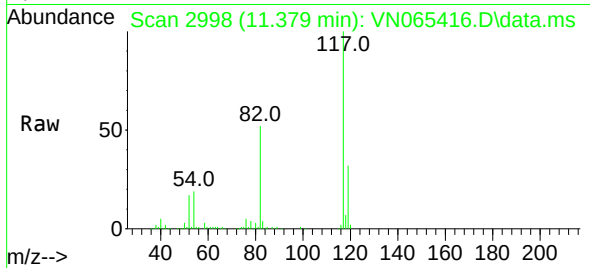




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

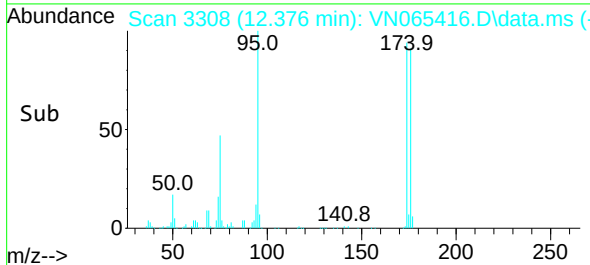
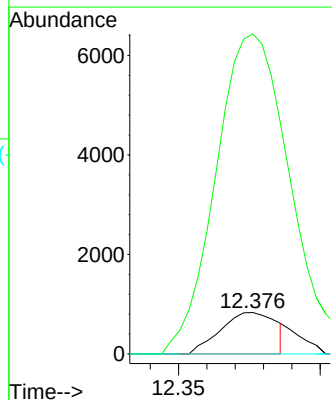
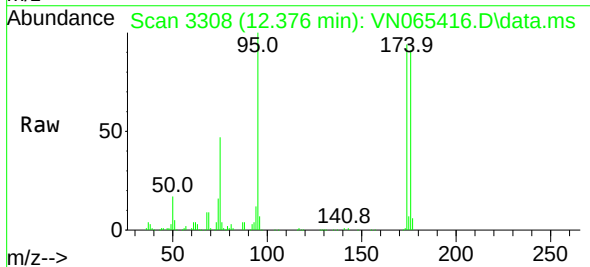
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

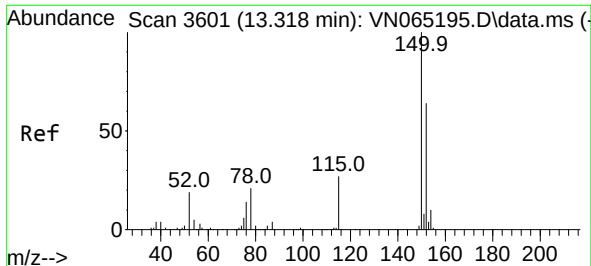
Tgt Ion:117 Resp: 423049
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.39 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion:173 Resp: 1137
Ion Ratio Lower Upper
173 100
175 839.6 24.3 72.8#
254 0.0 0.0 0.0

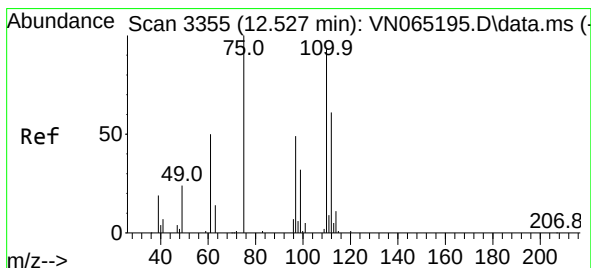
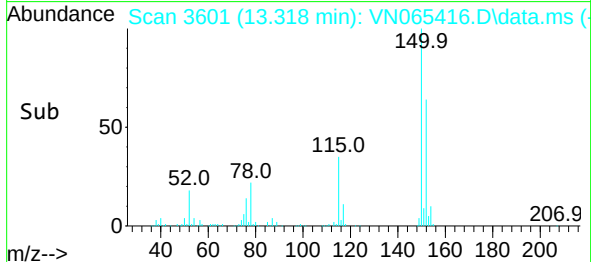
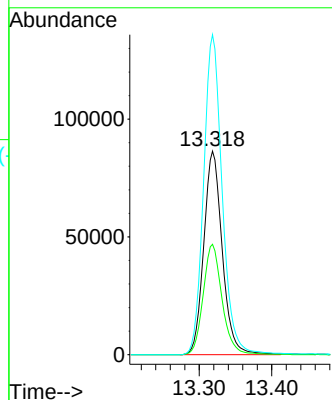
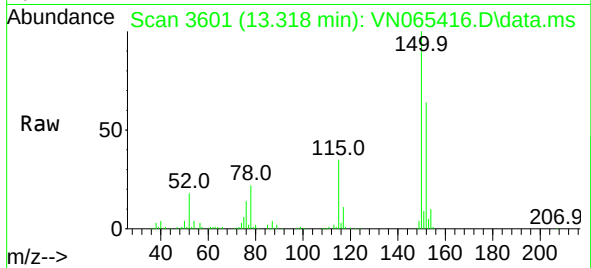




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

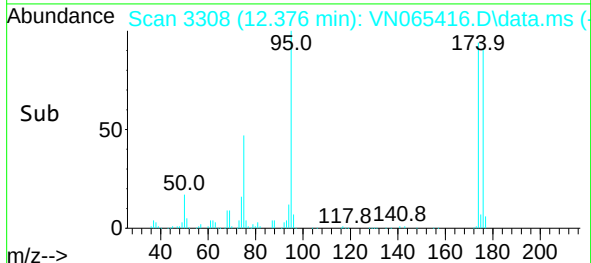
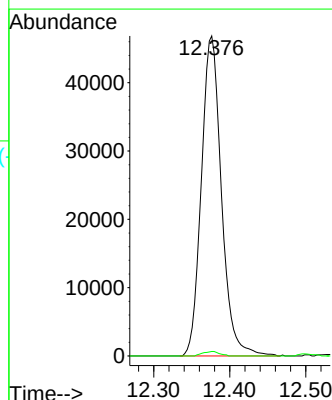
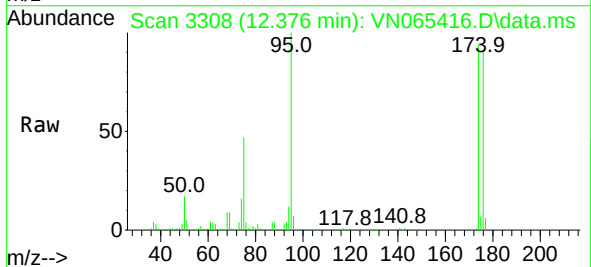
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

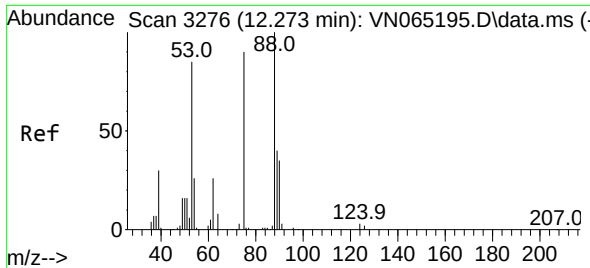
Tgt Ion:152 Resp: 153443
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 158.1 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

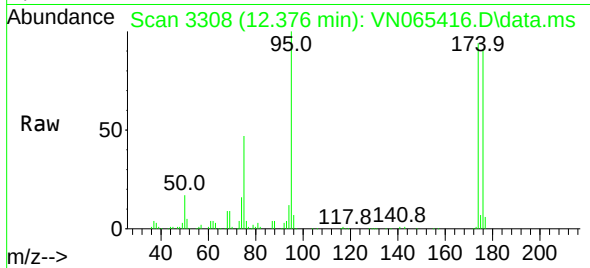
Tgt Ion: 75 Resp: 86063
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



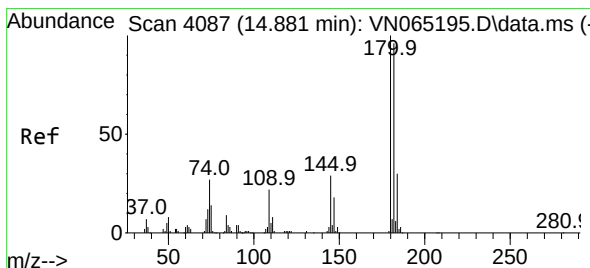
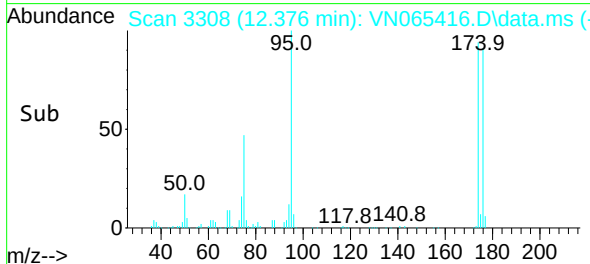
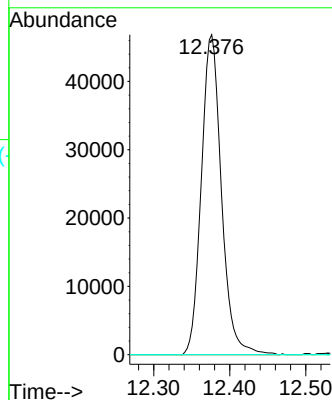


#81
trans-1,4-Dichloro-2-butene
Concen: 69.32 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

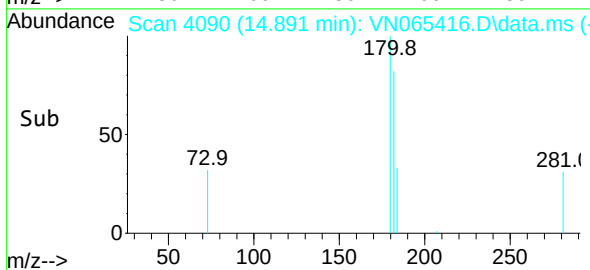
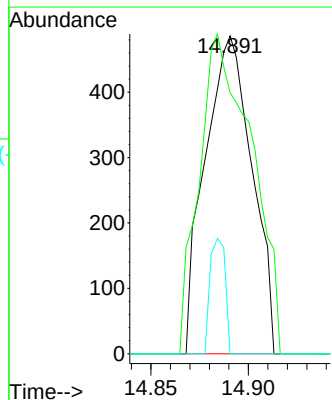
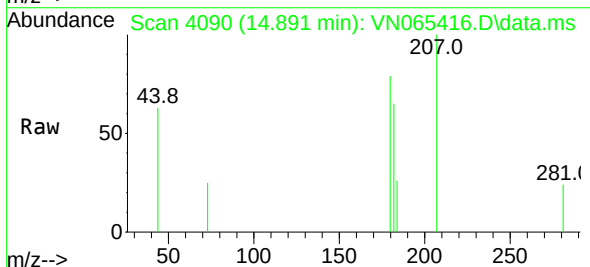


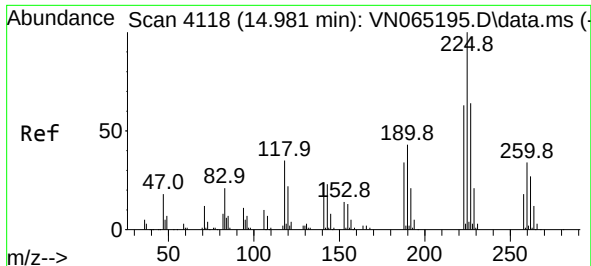
Tgt Ion: 75 Resp: 86063
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.08 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion: 180 Resp: 812
Ion Ratio Lower Upper
180 100
182 112.6 47.6 142.9
145 11.7 15.3 45.8#

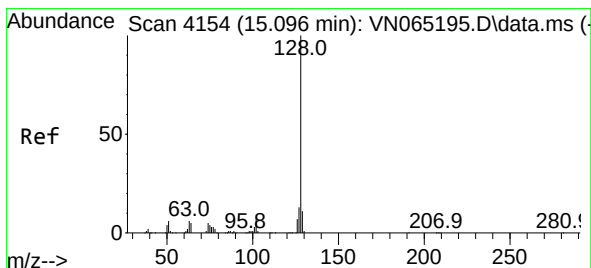
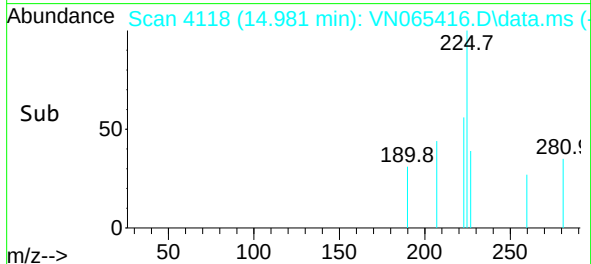
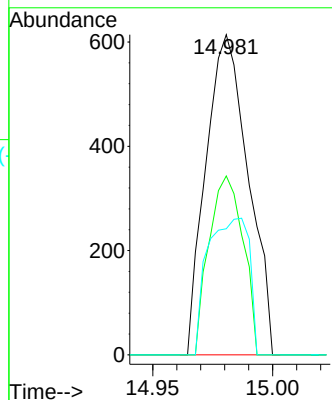
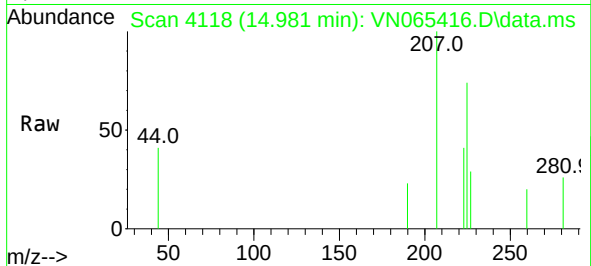




#94
Hexachlorobutadiene
Concen: 0.39 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

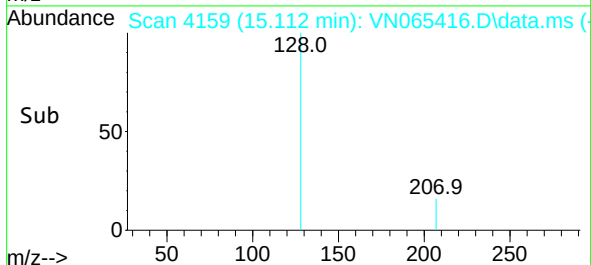
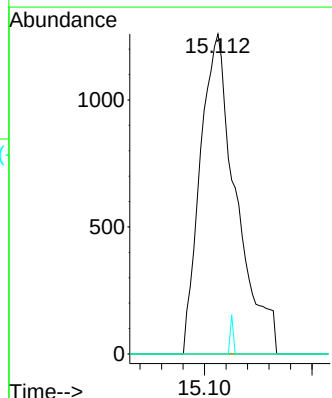
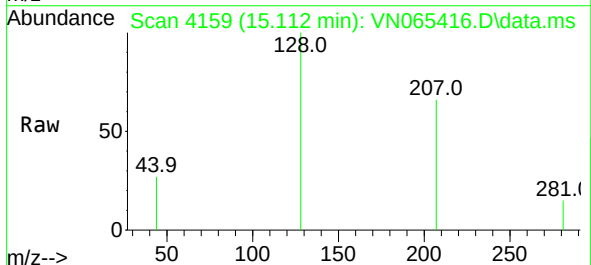
Instrument :
MSVOA_N
ClientSampleId :
VN0107MBL01

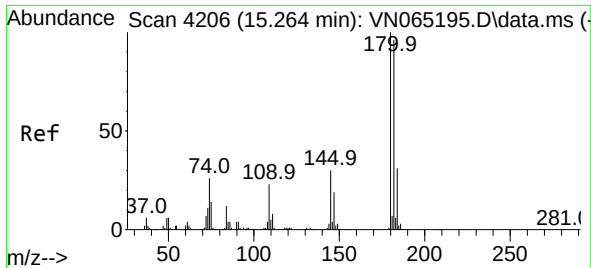
Tgt Ion:225 Resp: 753
Ion Ratio Lower Upper
225 100
223 45.0 31.0 93.0
227 41.7 32.0 96.0



#95
Naphthalene
Concen: 3.71 ug/l
RT: 15.112 min Scan# 4159
Delta R.T. 0.016 min
Lab File: VN065416.D
Acq: 7 Jan 2021 10:30

Tgt Ion:128 Resp: 2918
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 1.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.73 ug/l
 RT: 15.289 min Scan# 4214
 Delta R.T. 0.025 min
 Lab File: VN065416.D
 Acq: 7 Jan 2021 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107MBL01

Tgt Ion:180 Resp: 1533
 Ion Ratio Lower Upper
 180 100
 182 78.2 48.1 144.4
 145 6.1 16.4 49.1#

