

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065917.D
 Acq On : 18 Feb 2021 1:20
 Operator : JC/MD
 Sample : M1432-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-021621

Quant Time: Feb 18 01:50:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

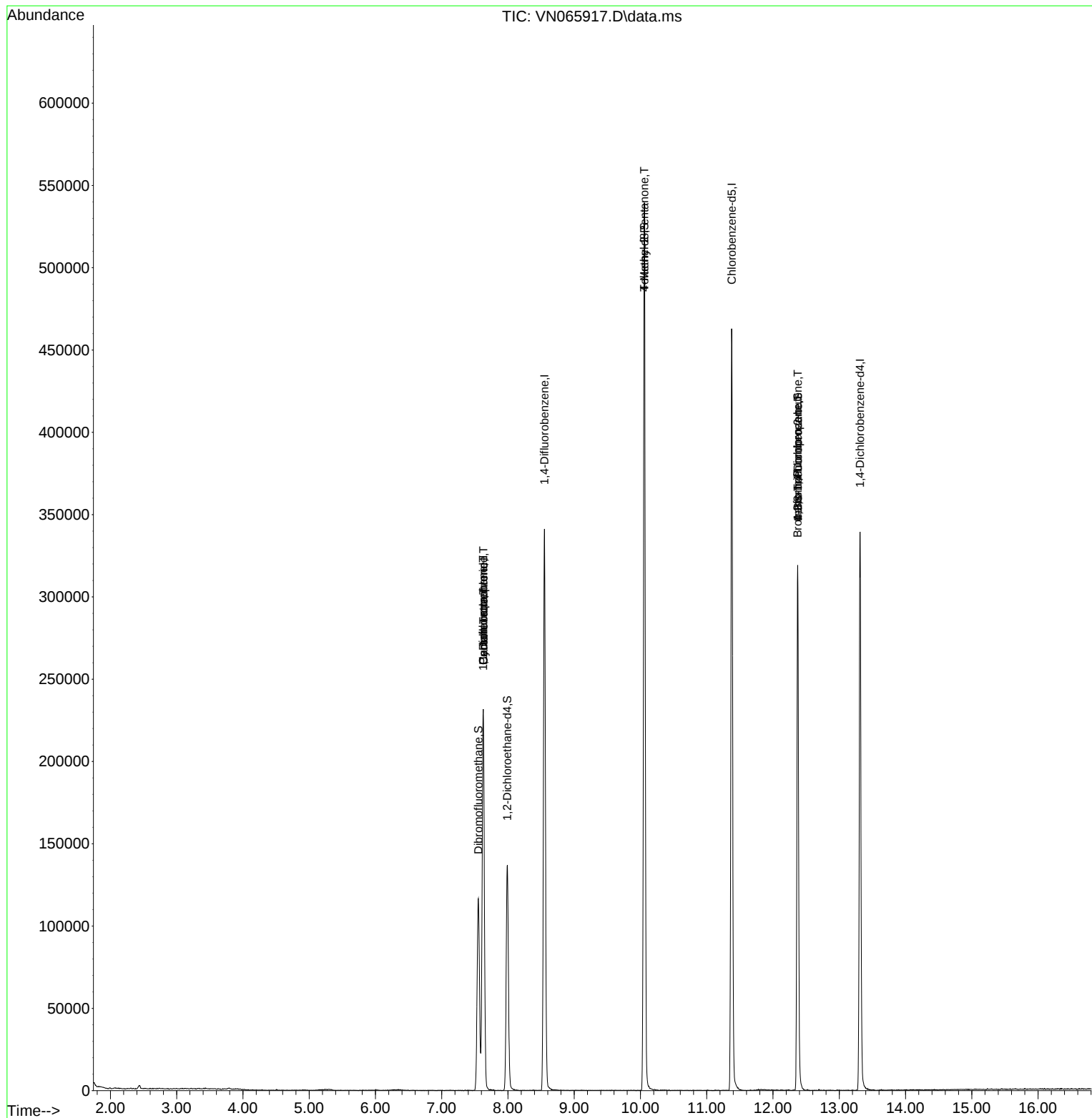
Internal Standards						
1) Pentafluorobenzene	7.627	168	186006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	315457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	279398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	99832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	121607	46.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.50%		
35) Dibromofluoromethane	7.553	113	94488	48.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.80%		
50) Toluene-d8	10.058	98	386113	48.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.36%		
62) 4-Bromofluorobenzene	12.373	95	129165	42.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.86%		
Target Compounds						
16) Acetone	3.798	43	790	Below Cal	#	41
31) Cyclohexane	7.627	56	3813	0.98 ug/l	#	1
36) 1,1-Dichloropropene	7.624	75	14443	4.64 ug/l	#	49
38) Carbon Tetrachloride	7.627	117	17852	6.18 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.058	43	1516	0.56 ug/l	#	1
71) Bromoform	12.370	173	492	2.81 ug/l	#	1
76) 1,2,3-Trichloropropane	12.373	75	61023	25.44 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61023	81.09 ug/l	#	12

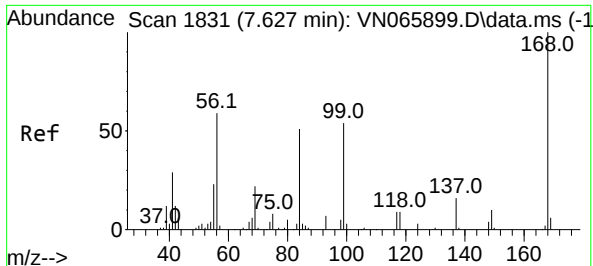
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

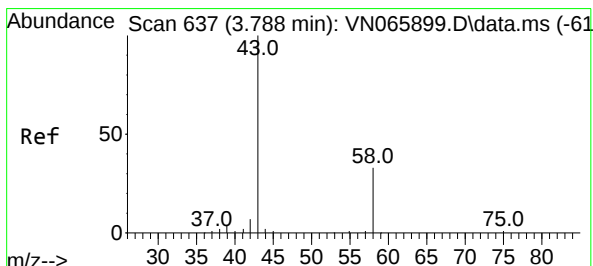
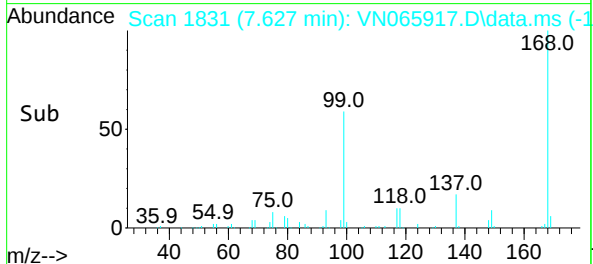
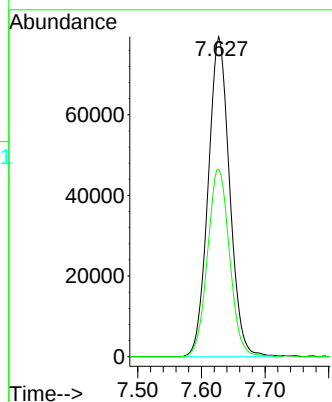
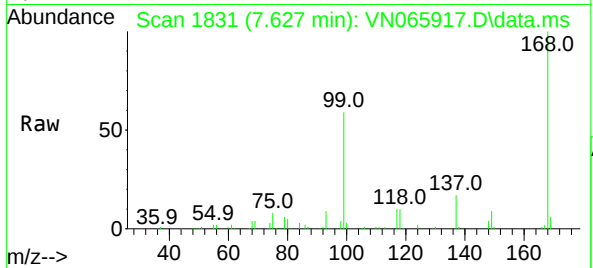




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

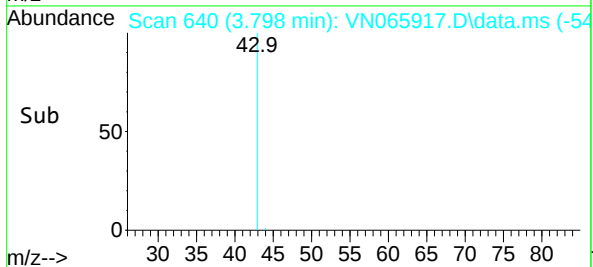
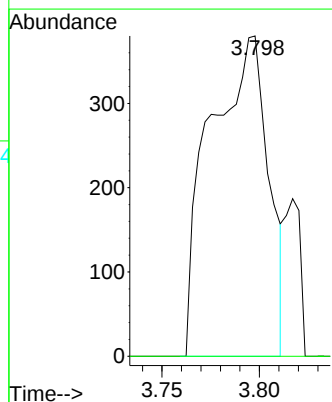
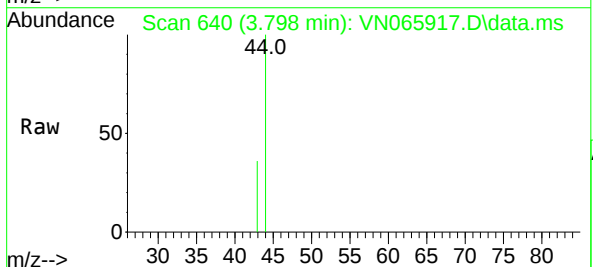
Instrument :
MSVOA_N
ClientSampleId :
FB-02-021621

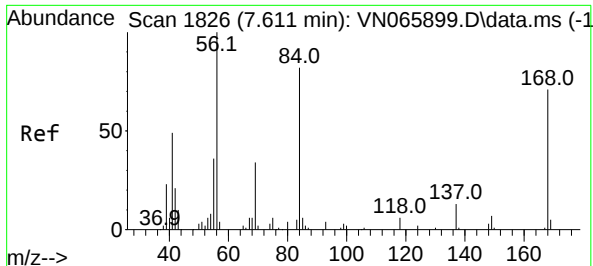
Tgt Ion:168 Resp: 186006
Ion Ratio Lower Upper
168 100
99 58.5 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

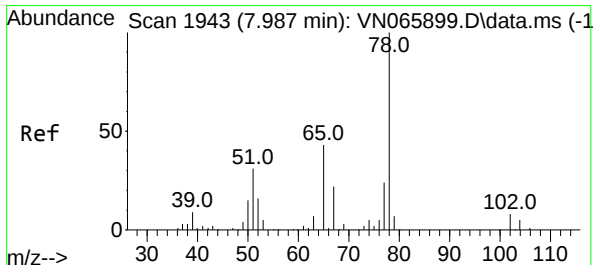
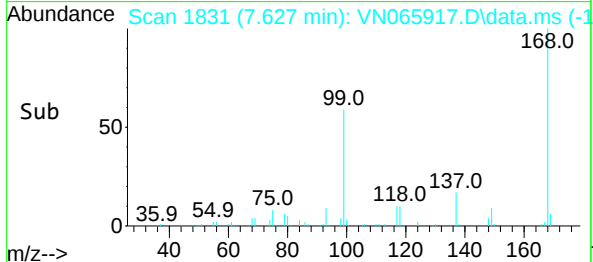
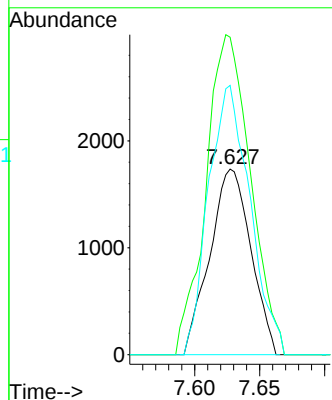
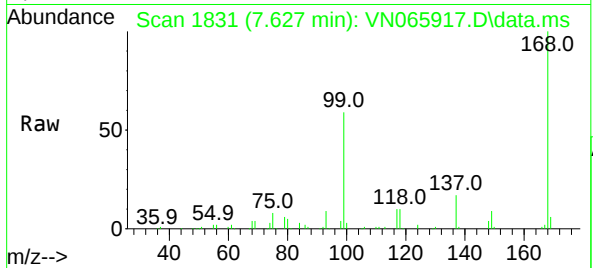




#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

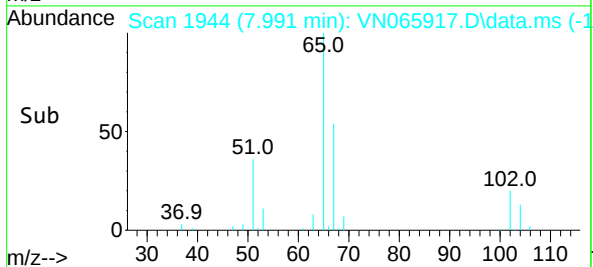
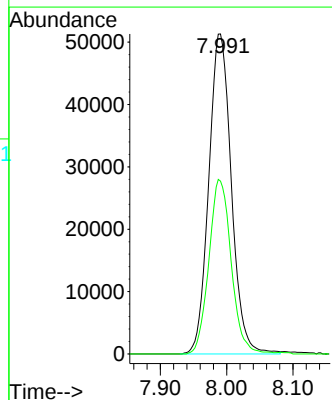
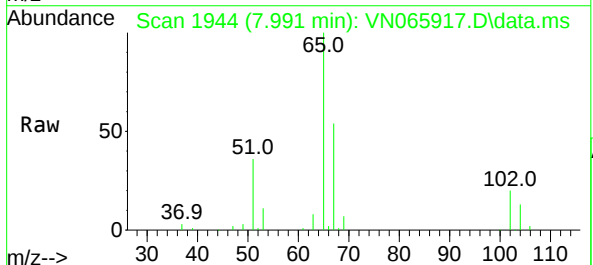
Instrument :
MSVOA_N
ClientSampled :
FB-02-021621

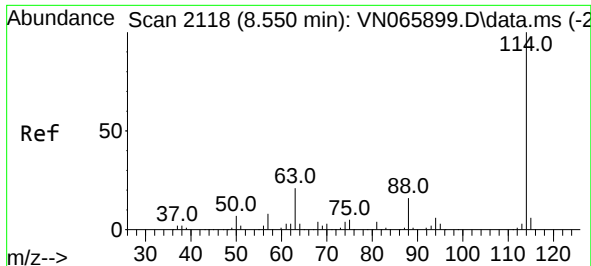
Tgt Ion: 56 Resp: 3813
Ion Ratio Lower Upper
56 100
69 158.9 26.6 39.8#
84 145.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.75 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion: 65 Resp: 121607
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2

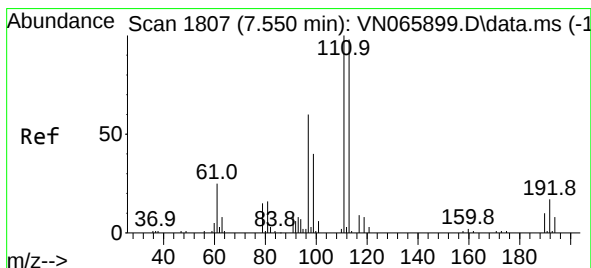
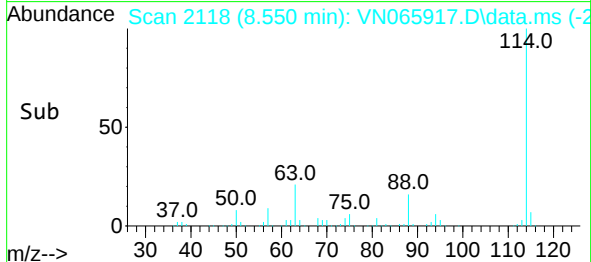
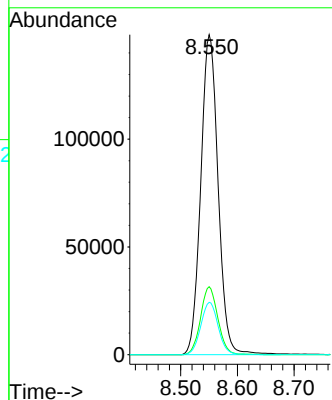
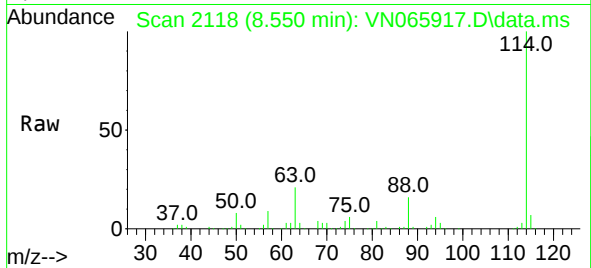




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

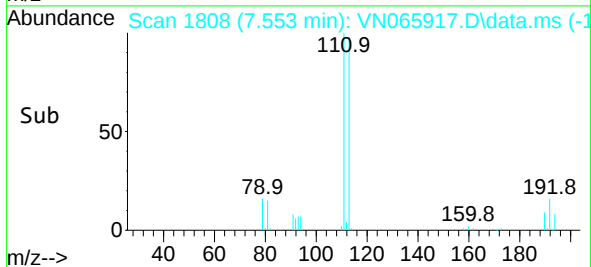
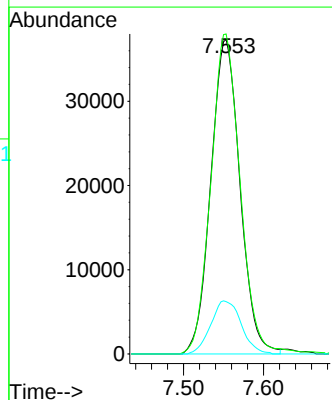
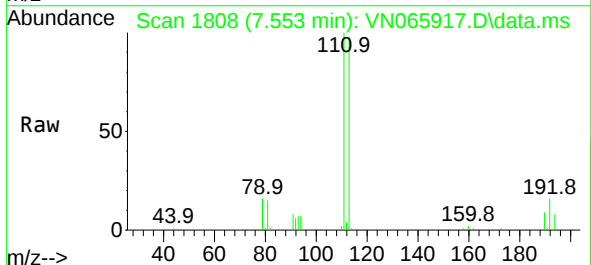
Instrument :
MSVOA_N
ClientSampleId :
FB-02-021621

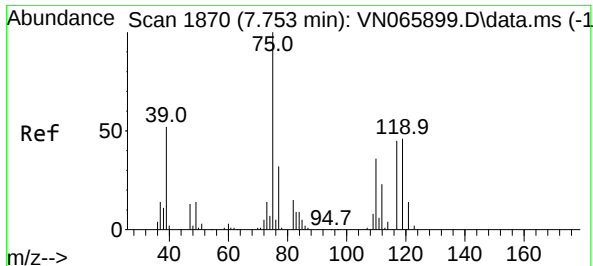
Tgt Ion:114 Resp: 315457
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.40 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion:113 Resp: 94488
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 17.7 15.4 23.0



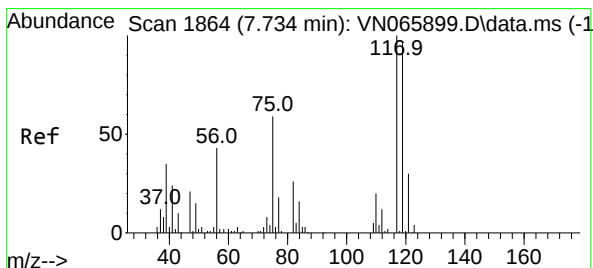
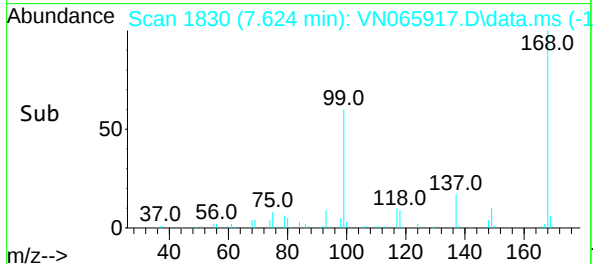
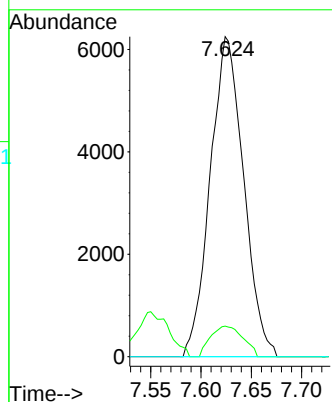
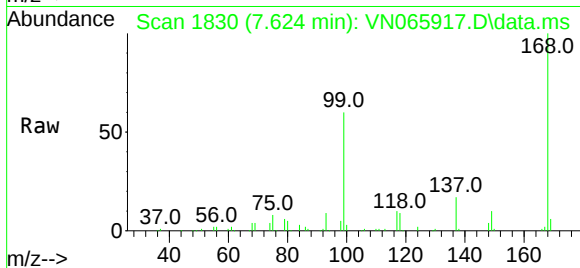


#36

1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Instrument :
MSVOA_N
ClientSampled :
FB-02-021621

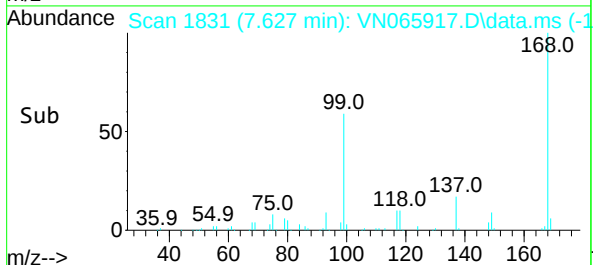
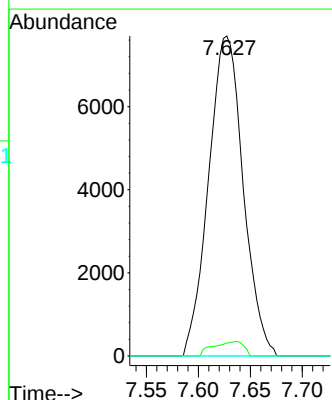
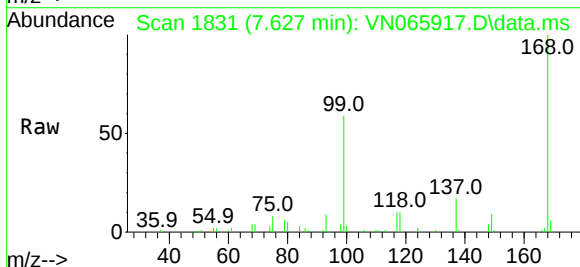
Tgt Ion: 75 Resp: 14443
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.0 24.9 37.3#

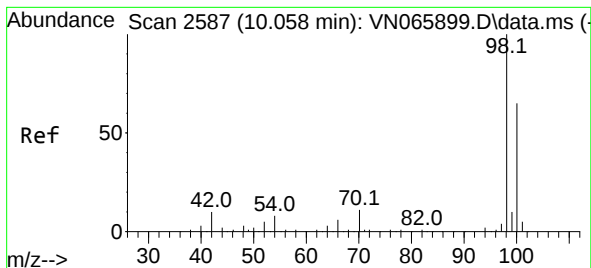


#38

Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion: 117 Resp: 17852
Ion Ratio Lower Upper
117 100
119 4.0 76.0 114.0#
121 0.0 24.5 36.7#

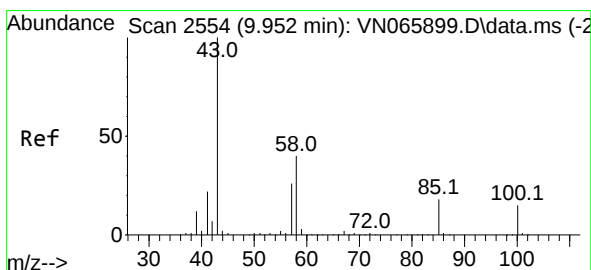
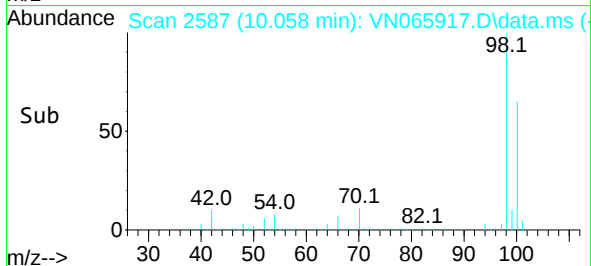
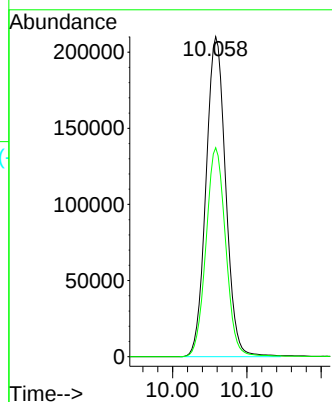
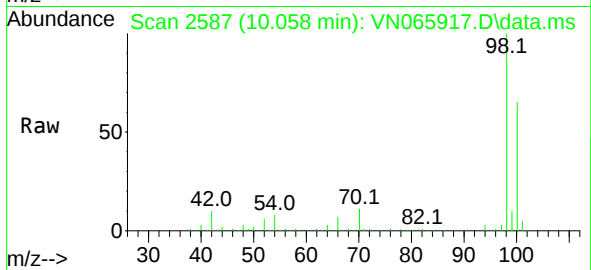




#50
Toluene-d8
Concen: 48.18 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

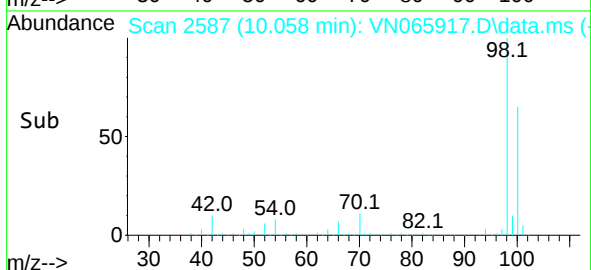
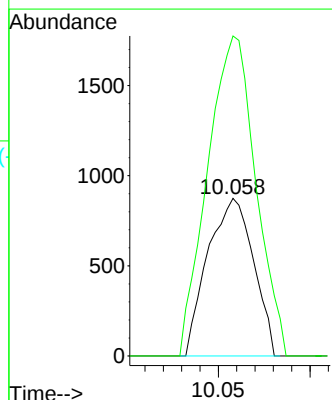
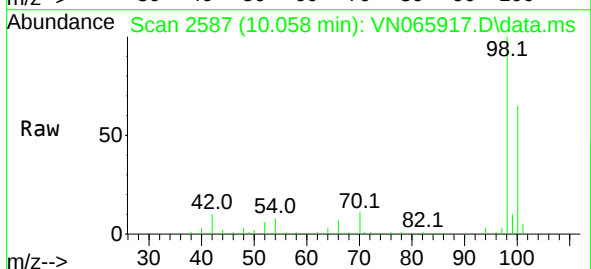
Instrument :
MSVOA_N
ClientSampled :
FB-02-021621

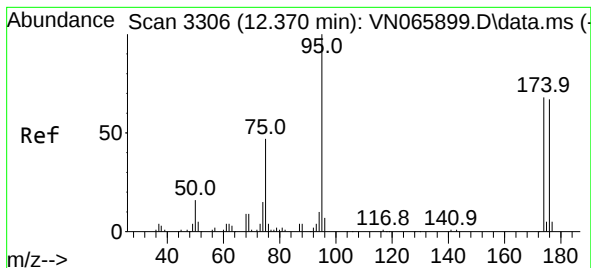
Tgt Ion: 98 Resp: 386113
Ion Ratio Lower Upper
98 100
100 65.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 213.9 32.5 48.7#

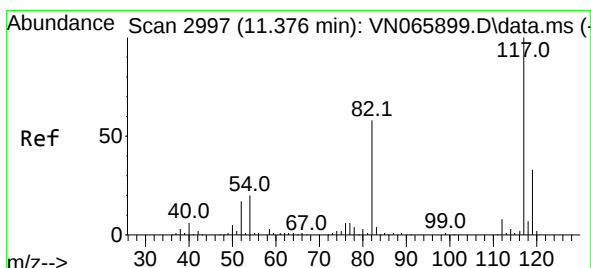
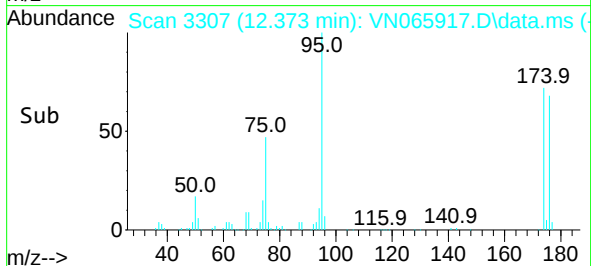
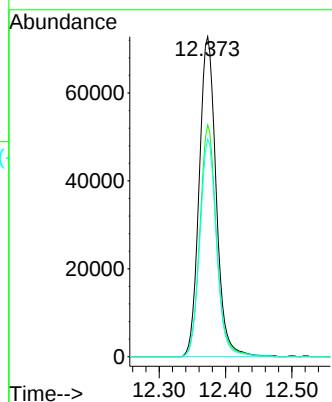
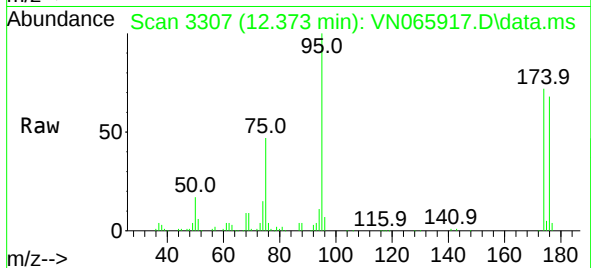




#62
4-Bromofluorobenzene
Concen: 42.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

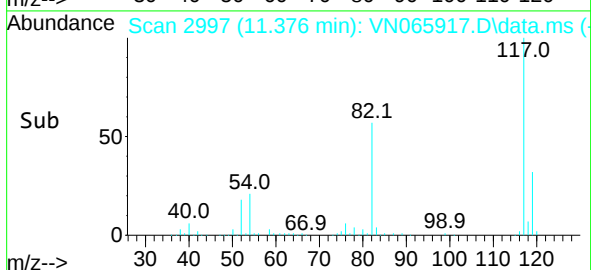
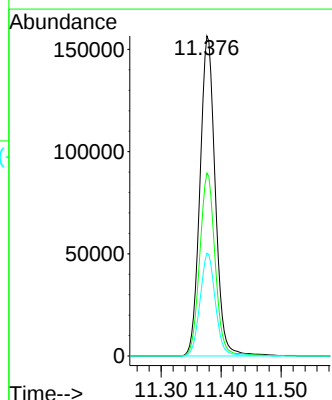
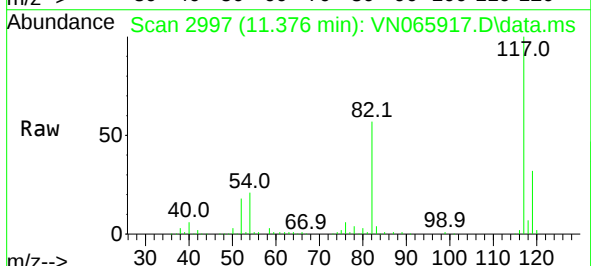
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FB-02-021621

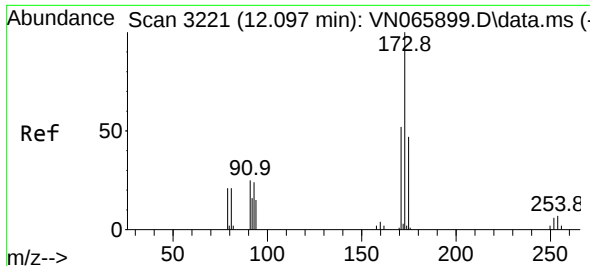
Tgt Ion: 95 Resp: 129165
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 67.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

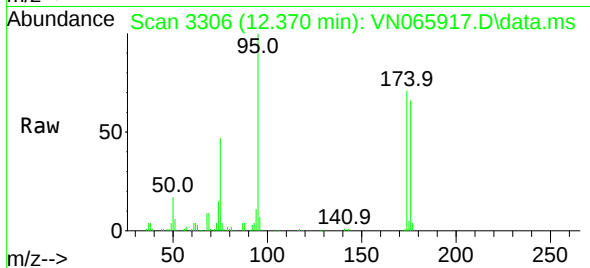
Tgt Ion: 117 Resp: 279398
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 32.1 26.1 39.1



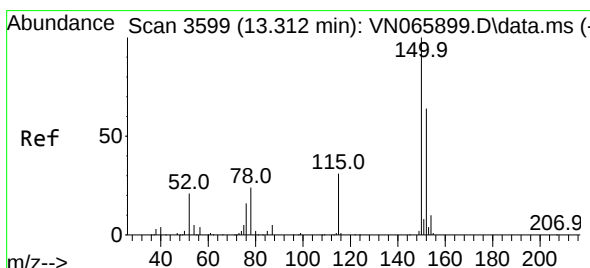
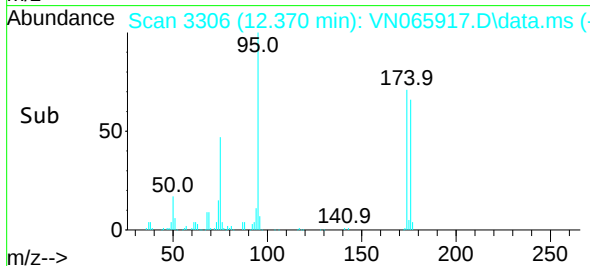
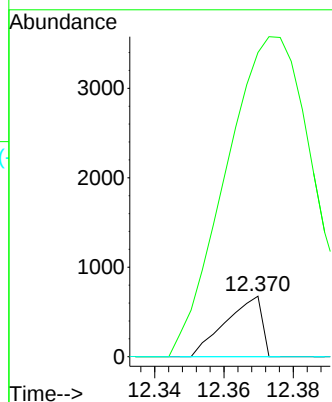


#71
Bromoform
Concen: 2.81 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.273 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Instrument :
MSVOA_N
ClientSampleId :
FB-02-021621

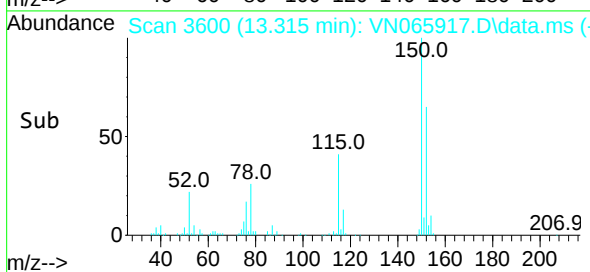
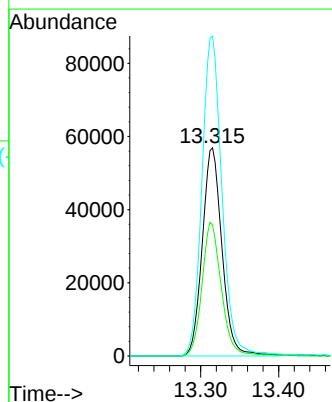
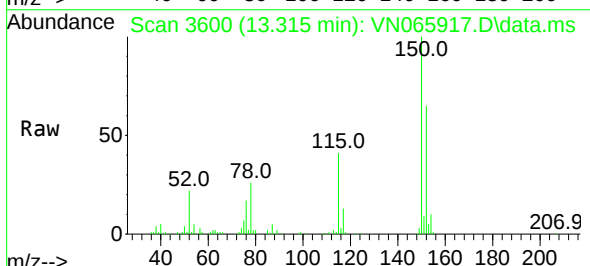


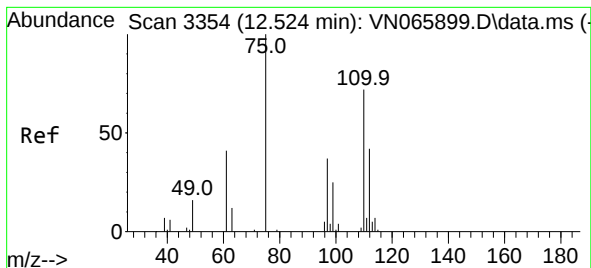
Tgt Ion:173 Resp: 492
Ion Ratio Lower Upper
173 100
175 1076.2 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion:152 Resp: 99832
Ion Ratio Lower Upper
152 100
115 62.6 28.5 85.6
150 156.6 0.0 347.6

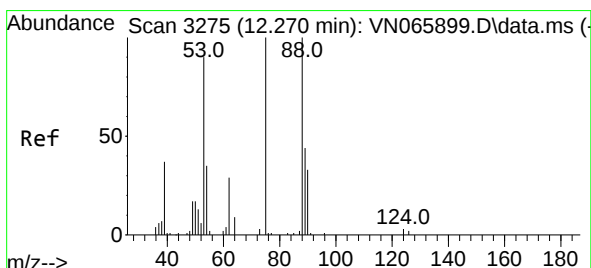
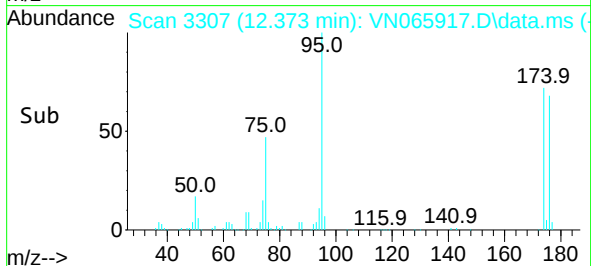
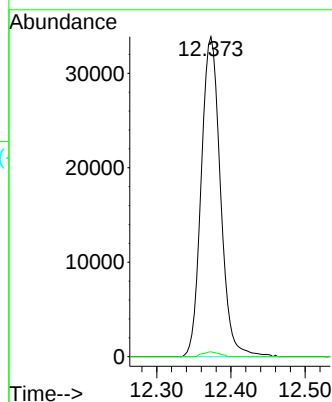
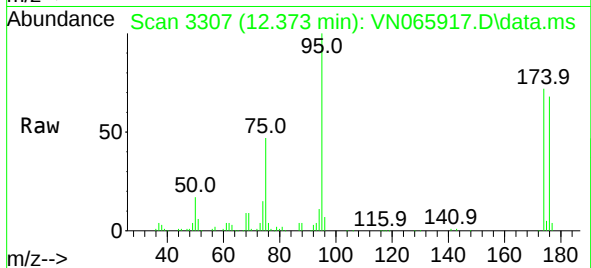




#76
1,2,3-Trichloropropane
Concen: 25.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Instrument :
MSVOA_N
ClientSampleId :
FB-02-021621

Tgt Ion: 75 Resp: 61023
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.09 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065917.D
Acq: 18 Feb 2021 1:20

Tgt Ion: 75 Resp: 61023
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

