

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065918.D
 Acq On : 18 Feb 2021 1:44
 Operator : JC/MD
 Sample : M1432-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-021621

Quant Time: Feb 18 04:06:33 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)

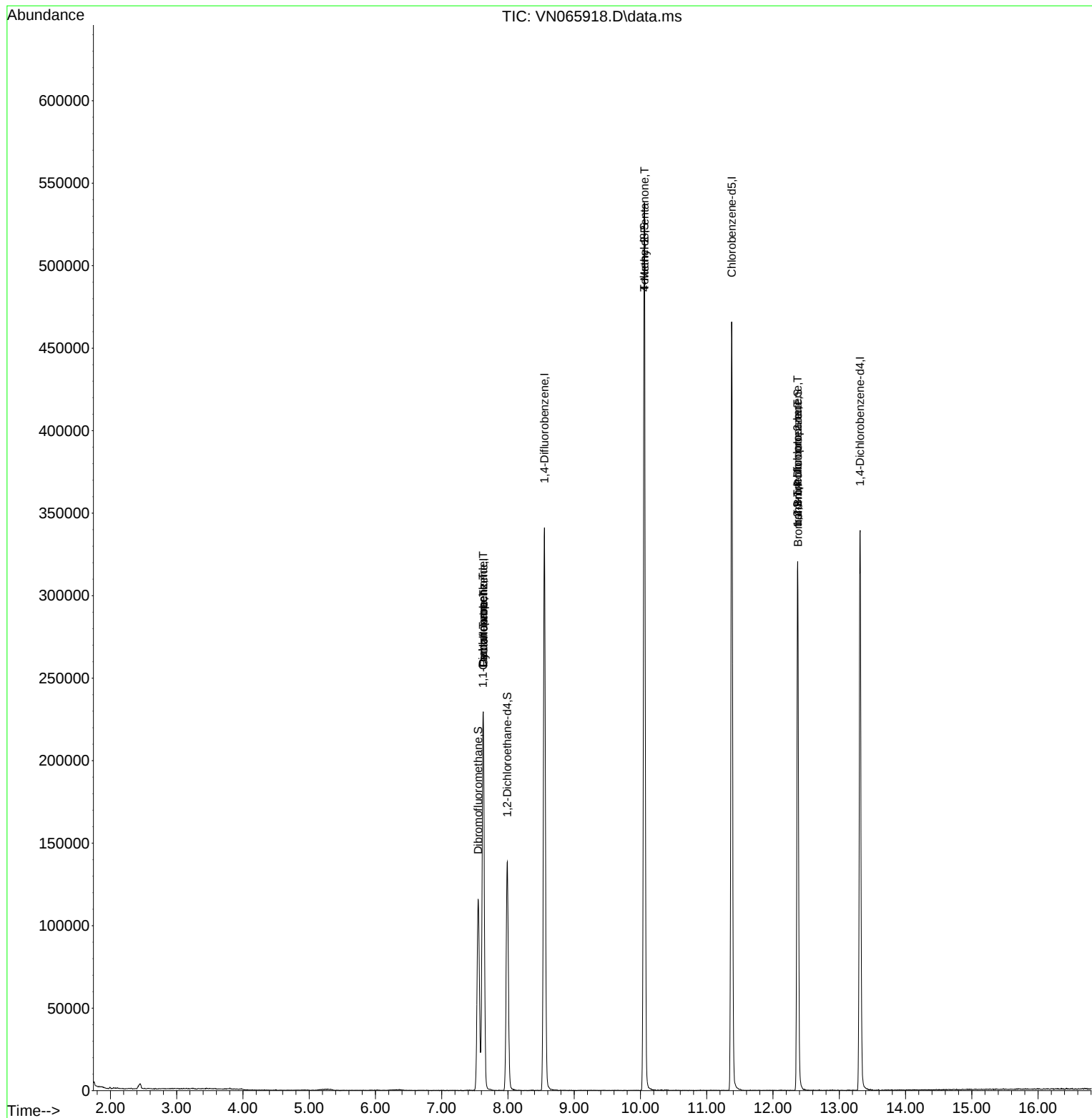
Internal Standards						
1) Pentafluorobenzene	7.627	168	186013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	311246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	277321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	122251	47.00	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.00%		
35) Dibromofluoromethane	7.550	113	94010	48.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.60%		
50) Toluene-d8	10.058	98	387296	48.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.96%		
62) 4-Bromofluorobenzene	12.373	95	127827	43.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.12%		
Target Compounds						
16) Acetone	3.785	43	481	Below Cal	#	41
31) Cyclohexane	7.627	56	3288	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14923	4.86	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18071	6.34	ug/l #	19
51) 4-Methyl-2-Pentanone	10.061	43	1381	0.51	ug/l #	1
71) Bromoform	12.376	173	778	2.99	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	60745	25.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	60745	81.59	ug/l #	12

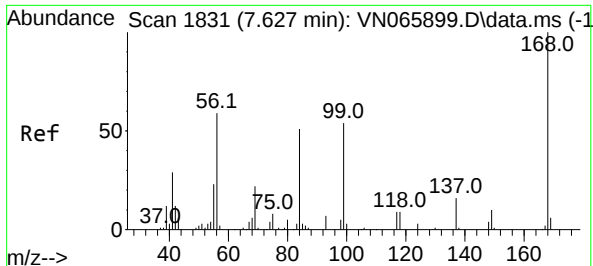
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

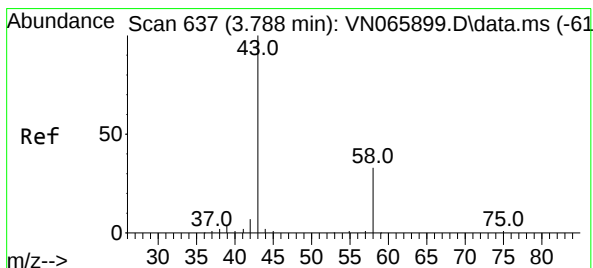
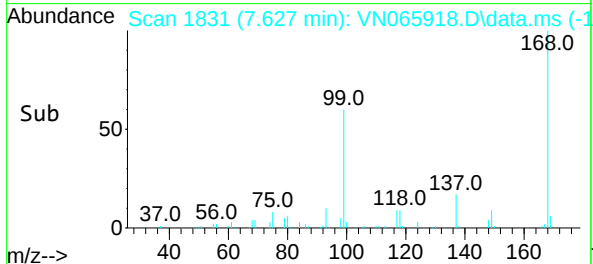
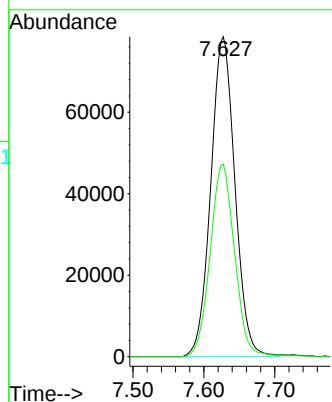
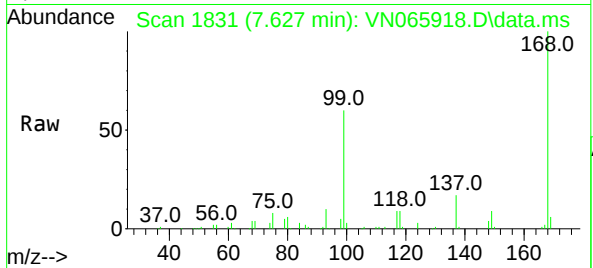




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

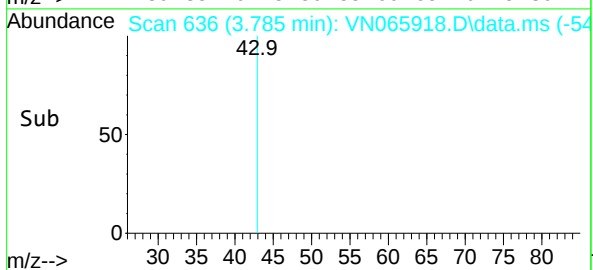
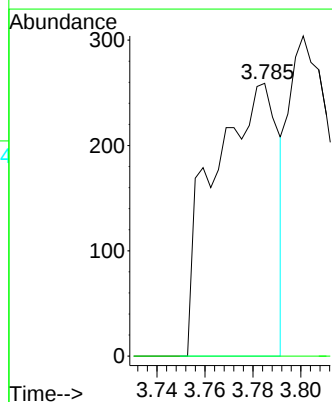
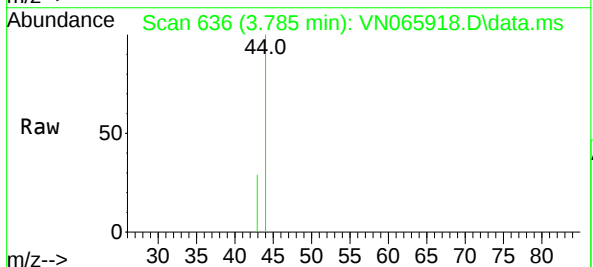
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021621

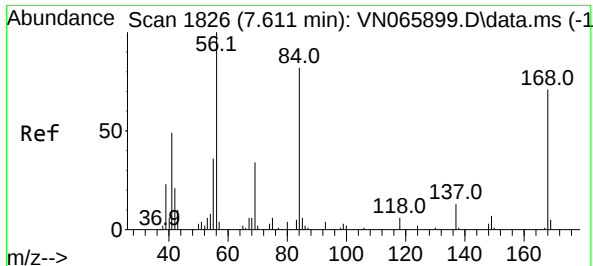
Tgt Ion:168 Resp: 186013
Ion Ratio Lower Upper
168 100
99 60.2 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.003 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

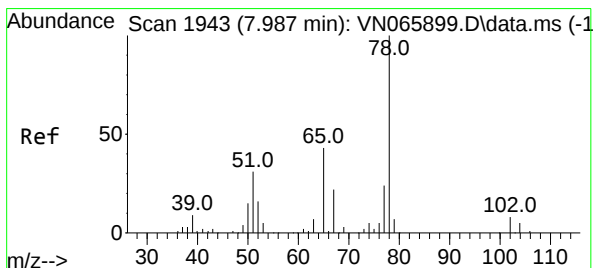
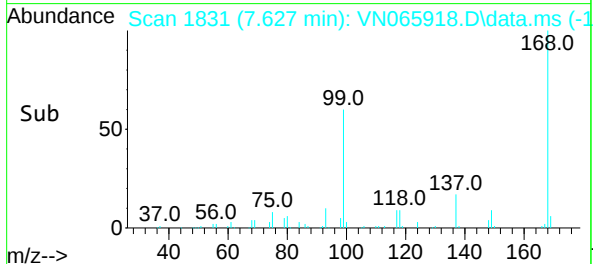
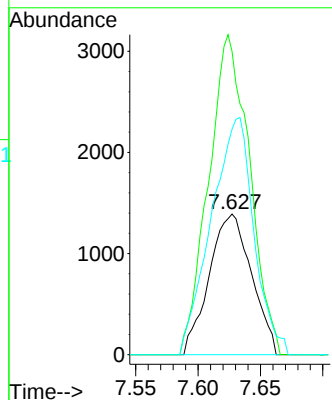
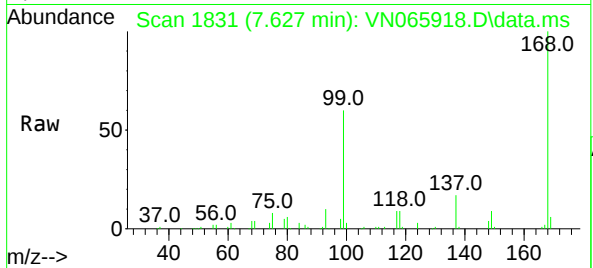




#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

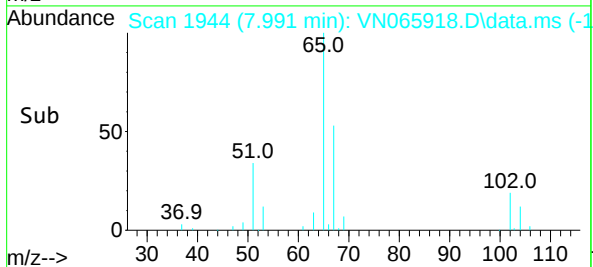
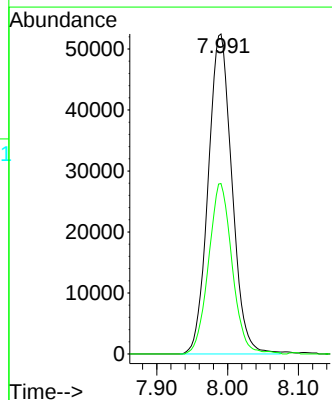
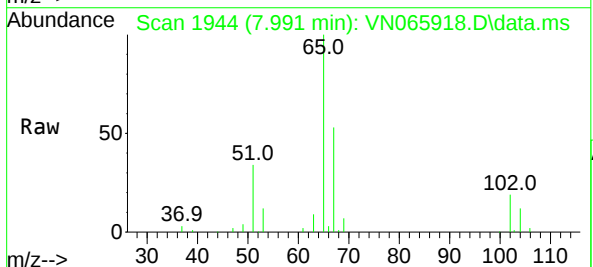
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021621

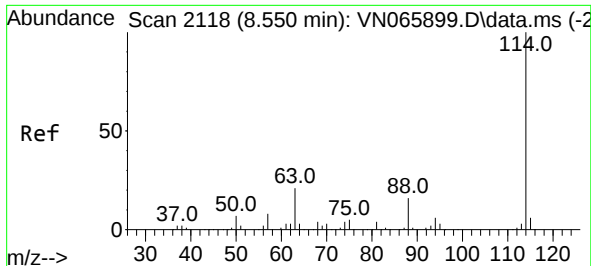
Tgt Ion: 56 Resp: 3288
Ion Ratio Lower Upper
56 100
69 215.6 26.6 39.8#
84 160.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.00 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion: 65 Resp: 122251
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2

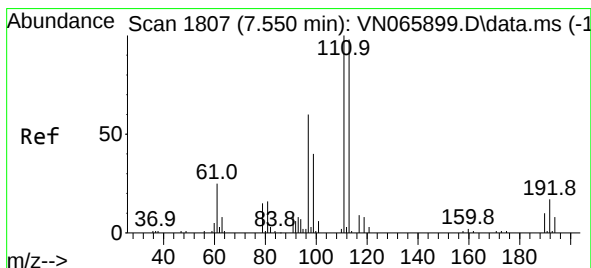
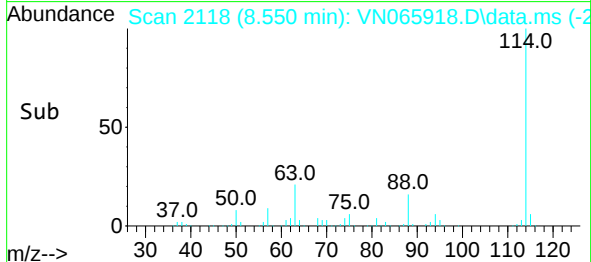
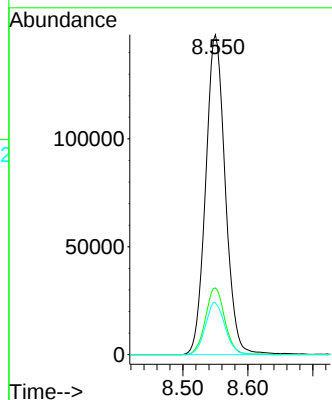
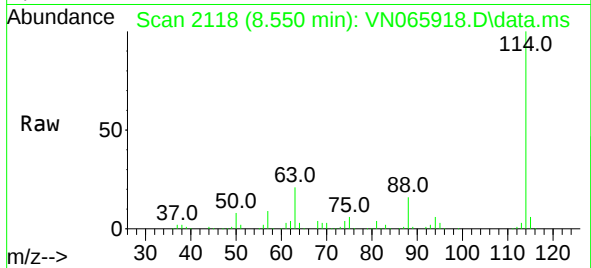




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

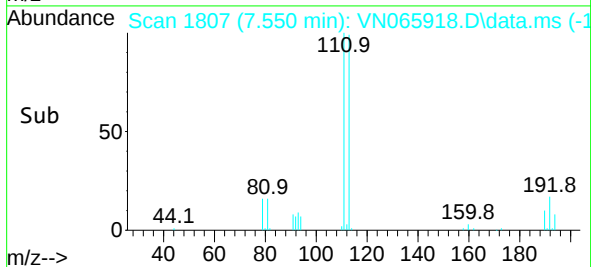
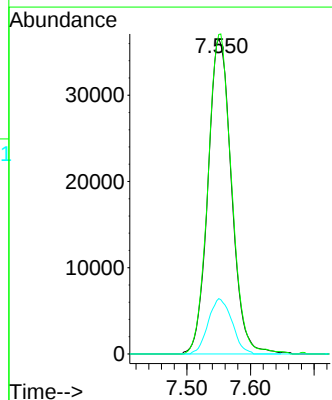
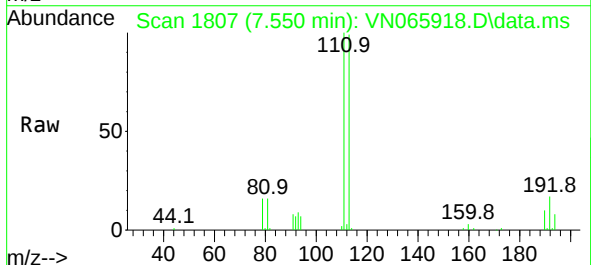
Instrument :
MSVOA_N
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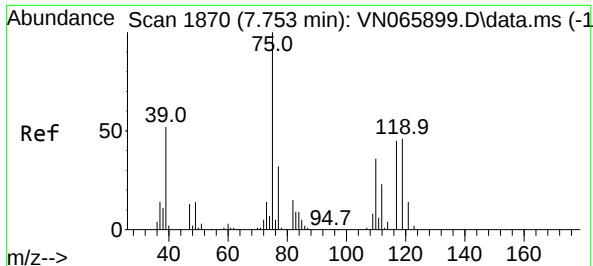
Tgt Ion:114 Resp: 311246
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.80 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion:113 Resp: 94010
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 17.7 15.4 23.0

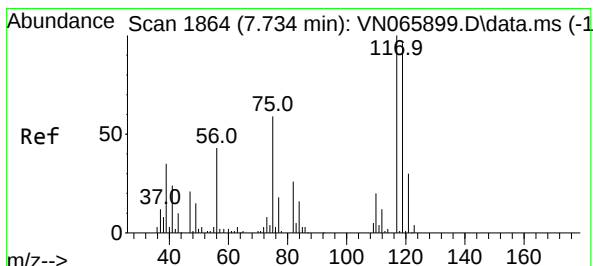
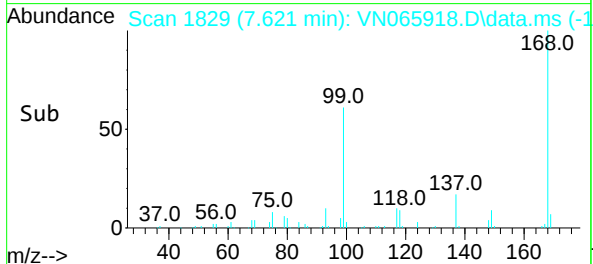
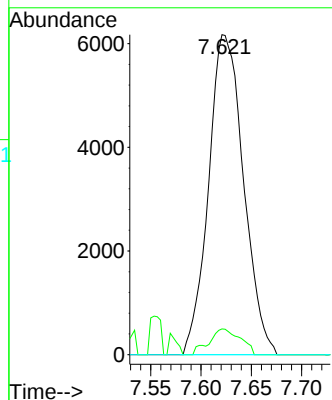
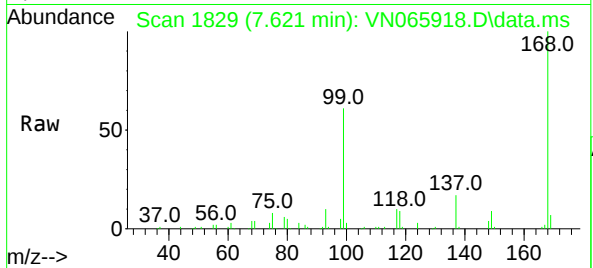




#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

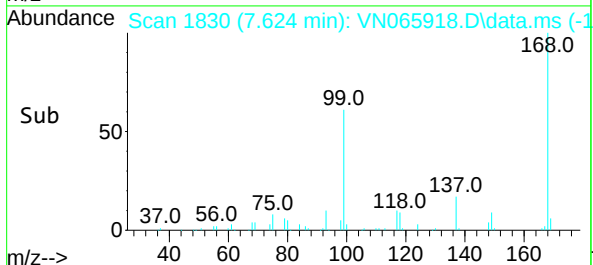
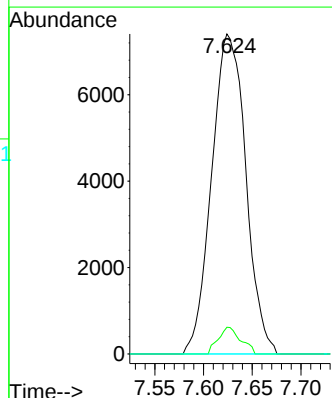
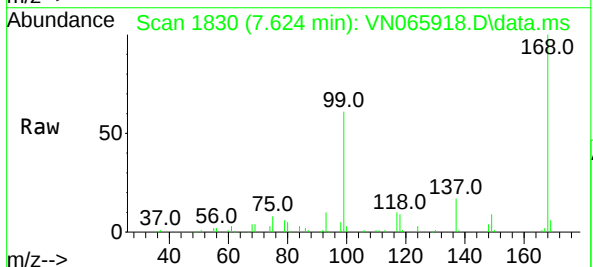
Instrument :
MSVOA_N
ClientSampleId :
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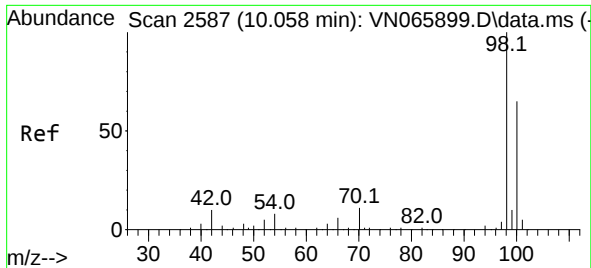
Tgt Ion: 75 Resp: 14923
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion: 117 Resp: 18071
Ion Ratio Lower Upper
117 100
119 8.4 76.0 114.0#
121 0.0 24.5 36.7#

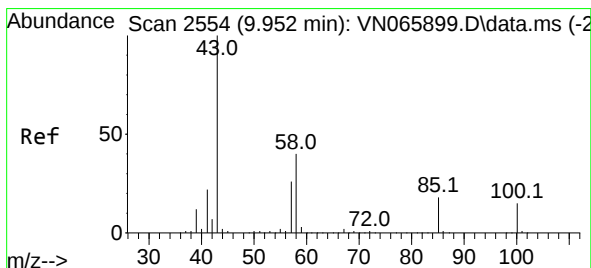
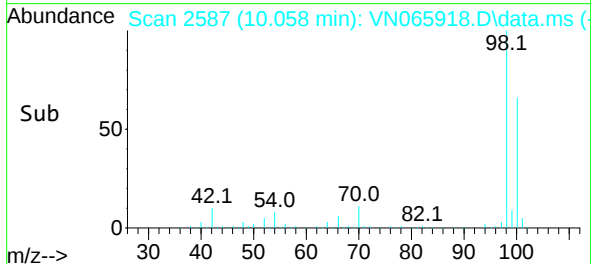
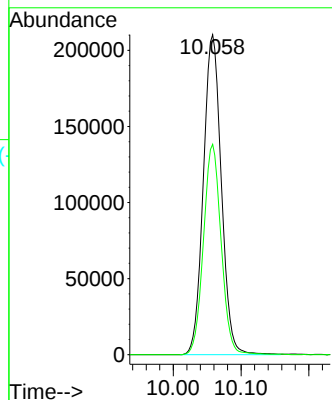
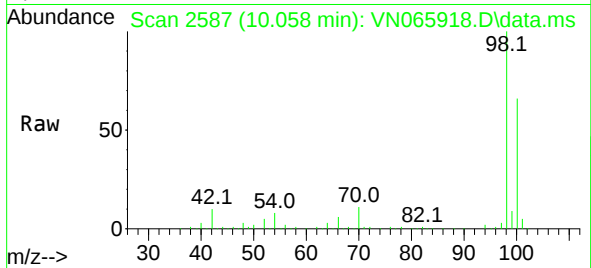




#50
Toluene-d8
Concen: 48.98 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

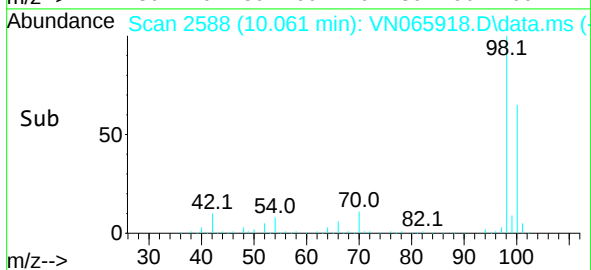
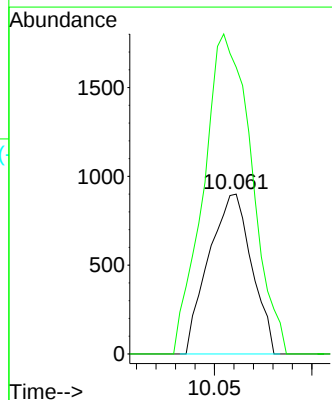
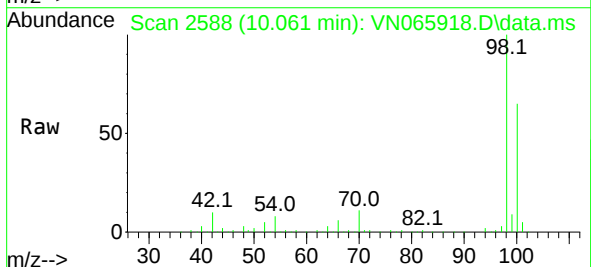
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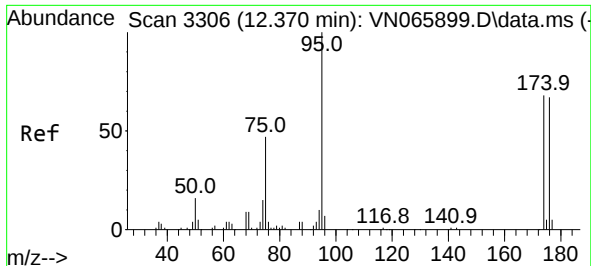
Tgt Ion: 98 Resp: 387296
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.109 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 224.3 32.5 48.7#

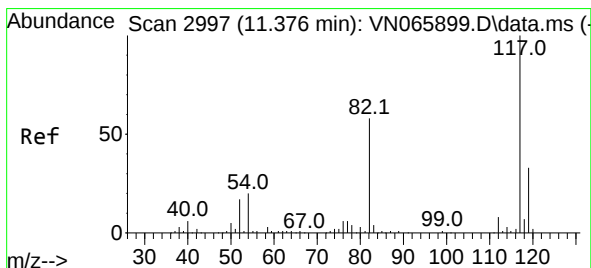
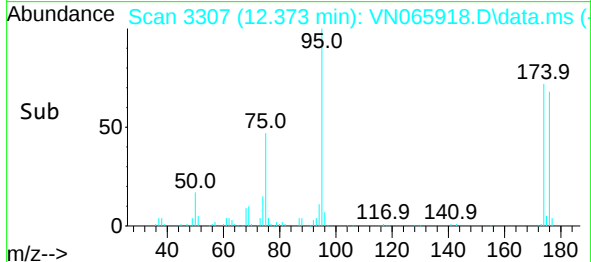
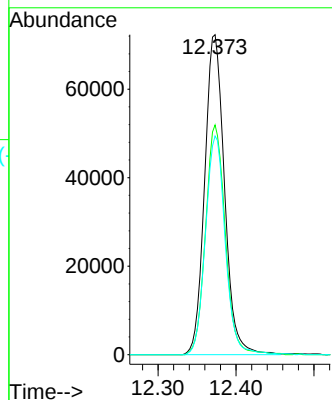
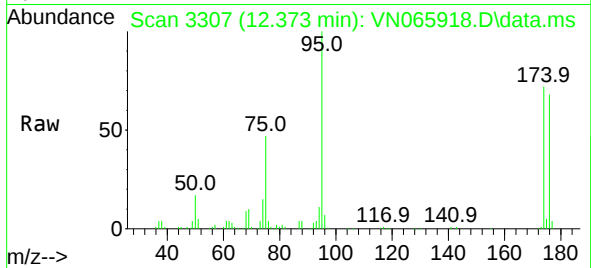




#62
4-Bromofluorobenzene
Concen: 43.06 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

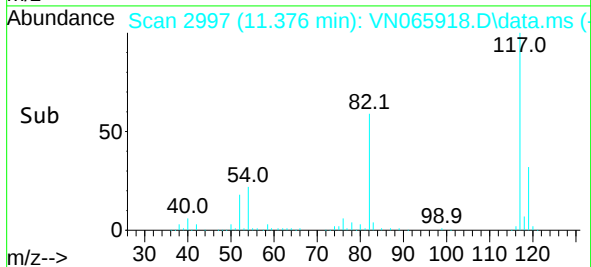
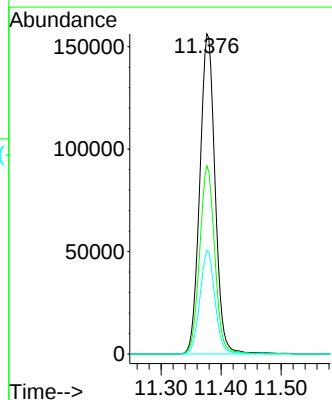
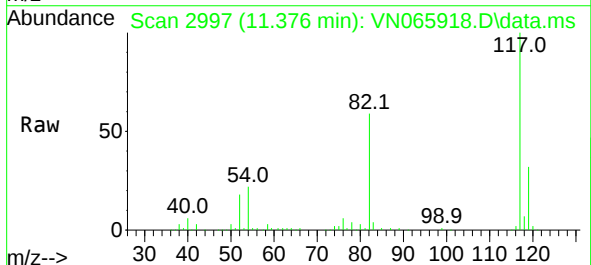
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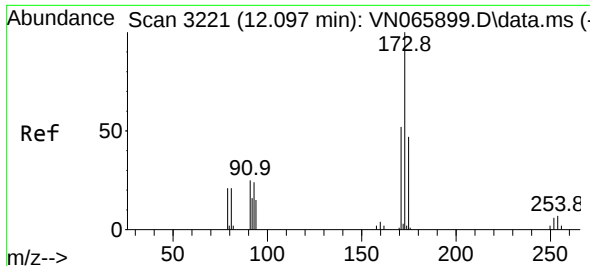
Tgt Ion: 95 Resp: 127827
Ion Ratio Lower Upper
95 100
174 71.3 0.0 169.0
176 68.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

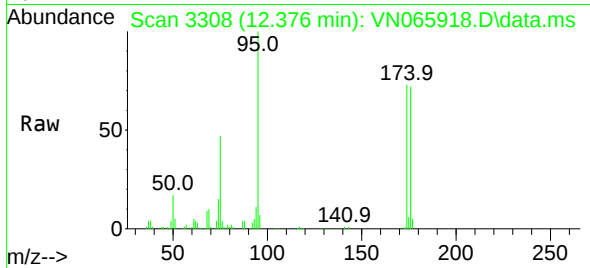
Tgt Ion: 117 Resp: 277321
Ion Ratio Lower Upper
117 100
82 58.7 43.7 65.5
119 32.4 26.1 39.1



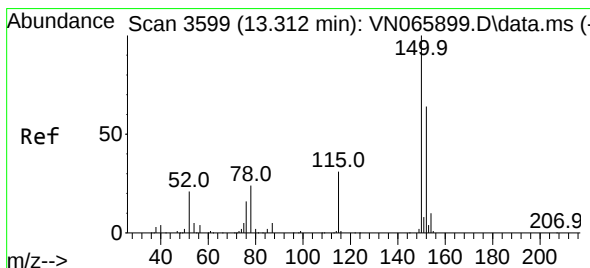
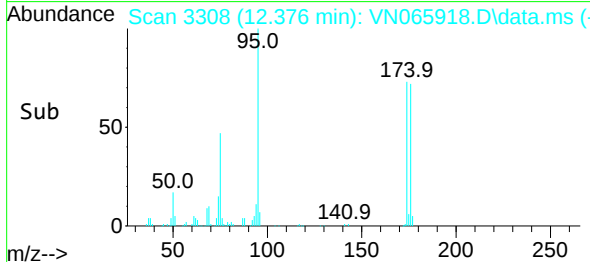
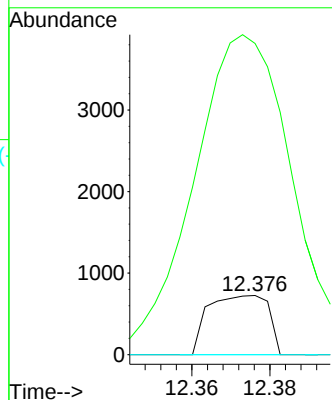


#71
Bromoform
Concen: 2.99 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.279 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Instrument :
MSVOA_N
ClientSampleId :
TB-01-021621

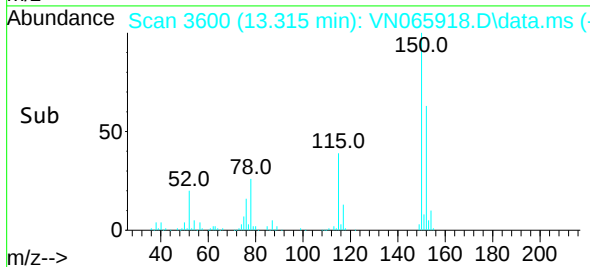
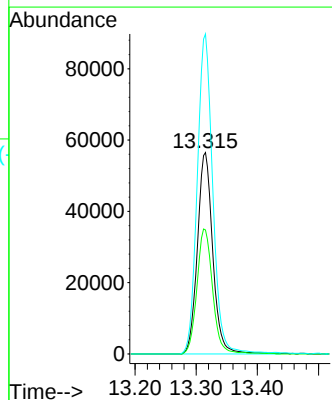
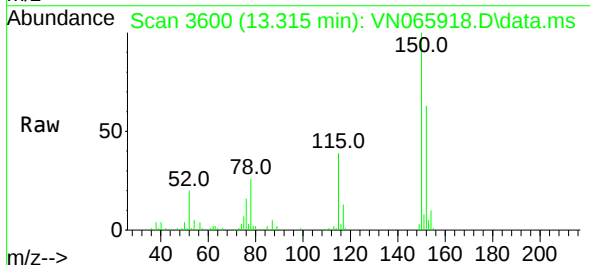


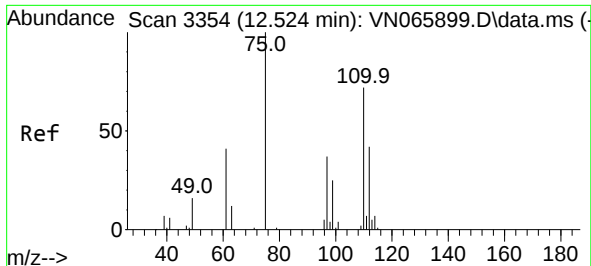
Tgt Ion:173 Resp: 778
Ion Ratio Lower Upper
173 100
175 741.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion:152 Resp: 98766
Ion Ratio Lower Upper
152 100
115 62.6 28.5 85.6
150 160.5 0.0 347.6

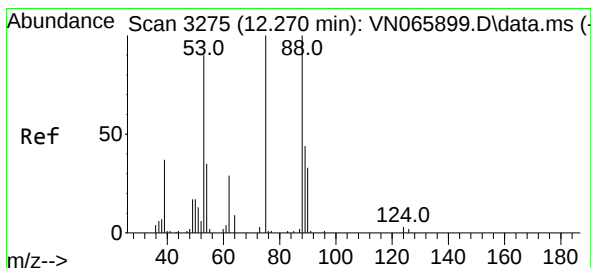
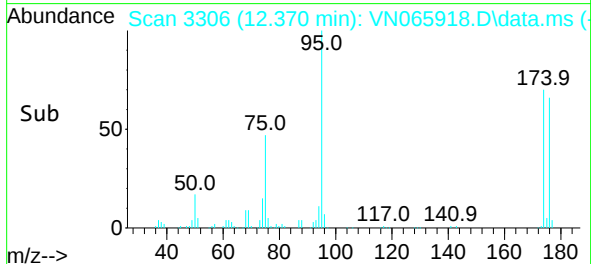
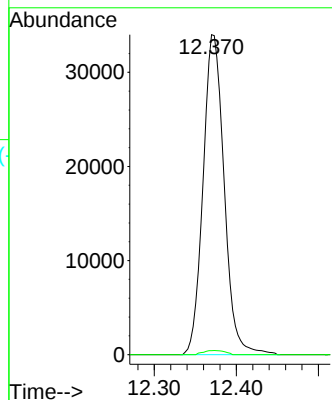
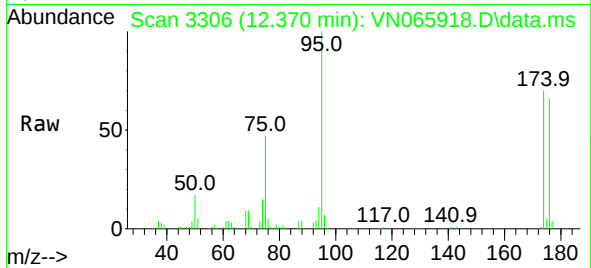




#76
1,2,3-Trichloropropane
Concen: 25.60 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Instrument :
MSVOA_N
ClientSampleId :
TB-01-021621

Tgt Ion: 75 Resp: 60745
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.59 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065918.D
Acq: 18 Feb 2021 1:44

Tgt Ion: 75 Resp: 60745
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

