

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065945.D
 Acq On : 18 Feb 2021 16:55
 Operator : JC/MD
 Sample : M1448-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 19 00:17:46 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)

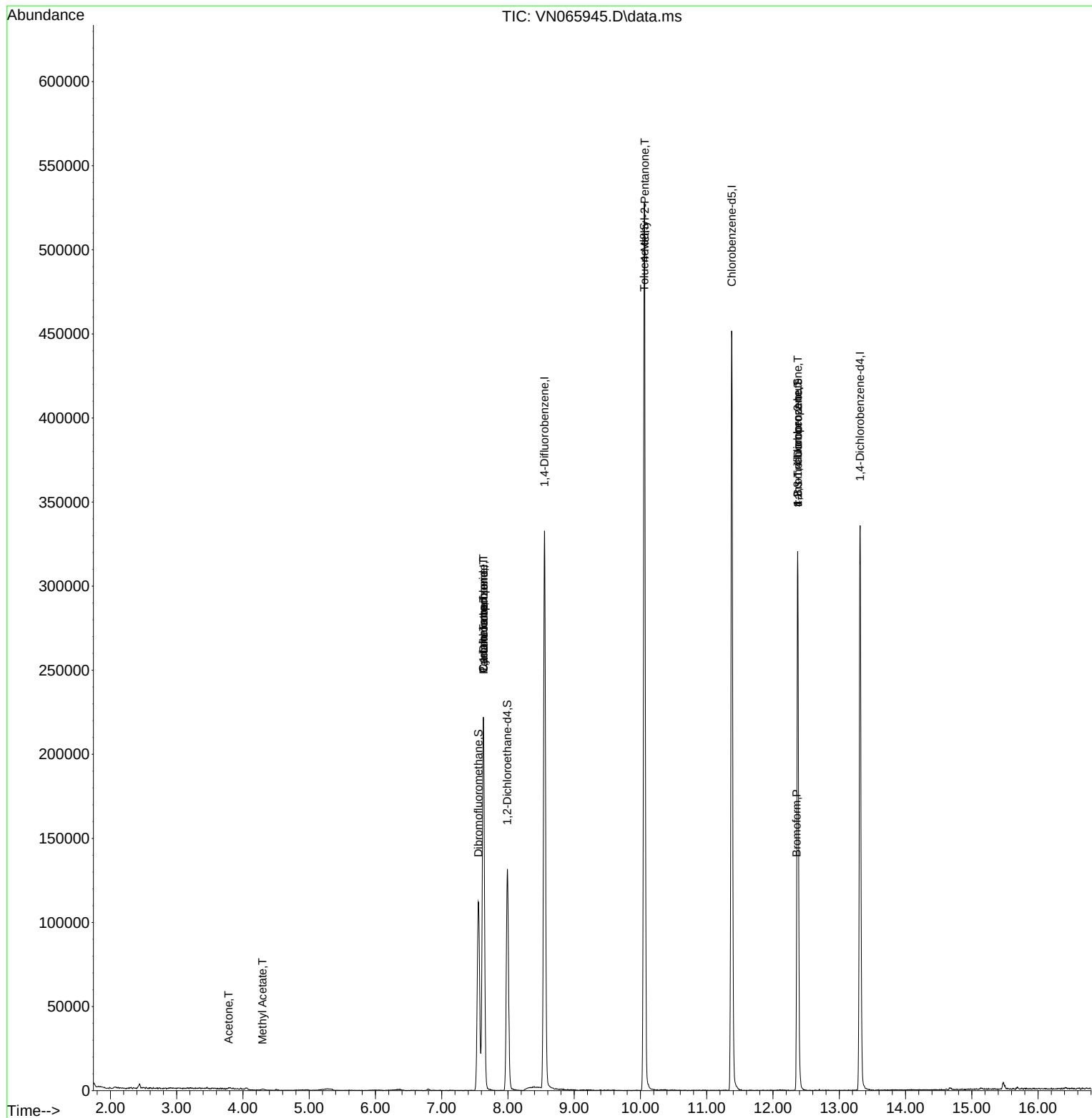
Internal Standards						
1) Pentafluorobenzene	7.631	168	181169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	304885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	274527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	117499	46.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.76%		
35) Dibromofluoromethane	7.553	113	90850	48.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.30%		
50) Toluene-d8	10.058	98	376437	48.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.20%		
62) 4-Bromofluorobenzene	12.373	95	124836	42.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.86%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	1589	0.40	ug/l #	41
18) Methyl Acetate	4.293	43	820	0.39	ug/l #	51
31) Cyclohexane	7.627	56	3326	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	13698	4.56	ug/l #	47
38) Carbon Tetrachloride	7.627	117	18083	6.47	ug/l #	16
51) 4-Methyl-2-Pentanone	10.065	43	1685	0.64	ug/l #	1
71) Bromoform	12.357	173	81	2.55	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	61427	26.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61427	84.78	ug/l #	12

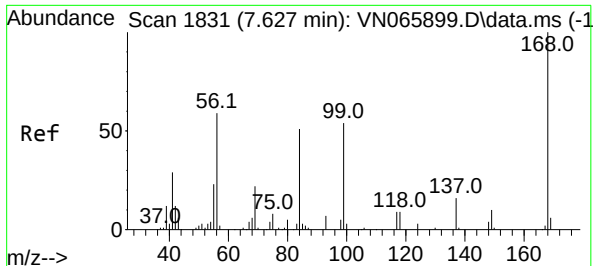
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 17 15:48:13 2021
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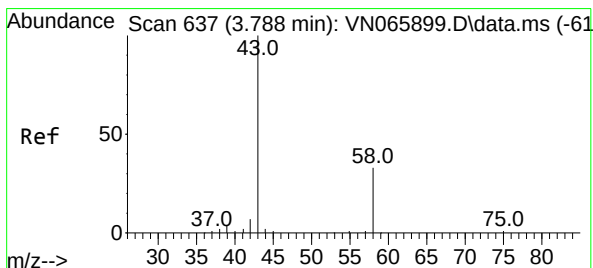
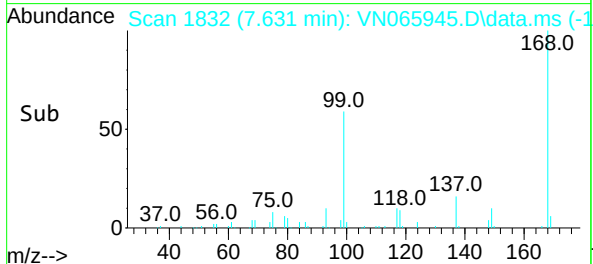
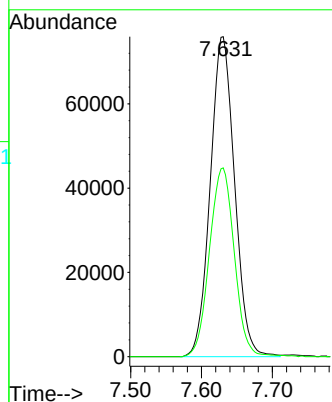
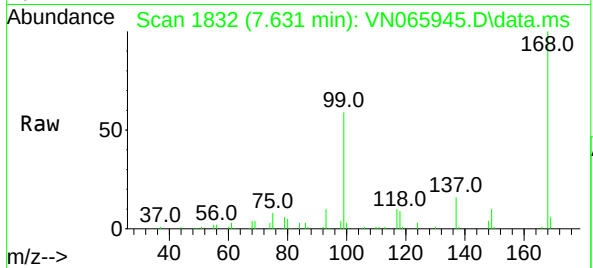




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

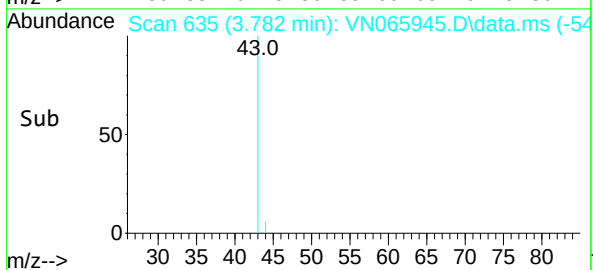
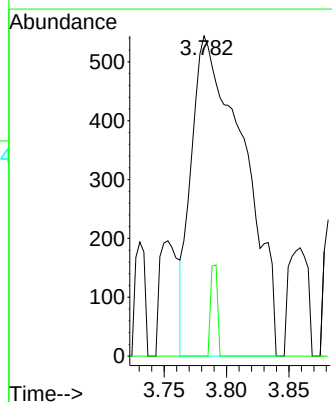
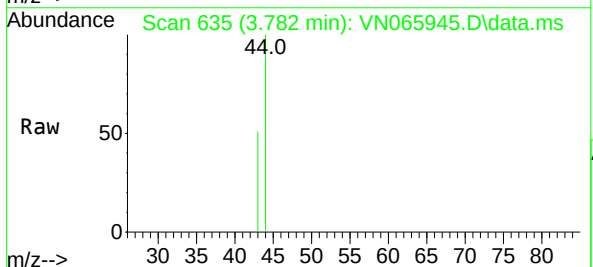
Instrument :
MSVOA_N
ClientSampleId :

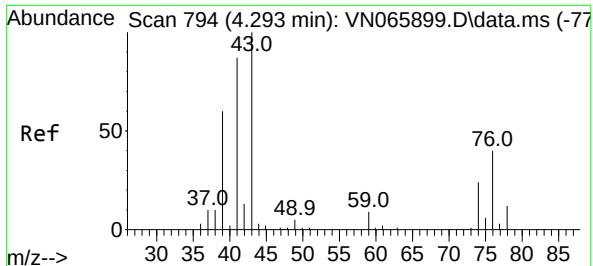
Tgt Ion:168 Resp: 181169
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8



#16
Acetone
Concen: 0.40 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.006 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

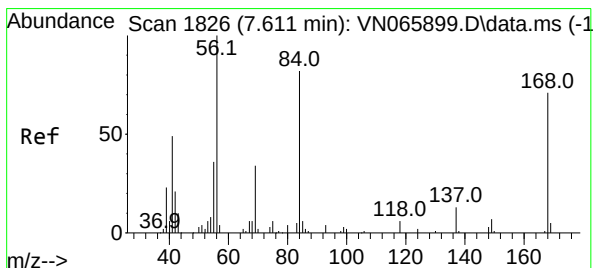
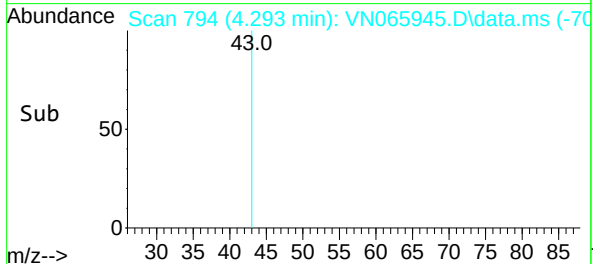
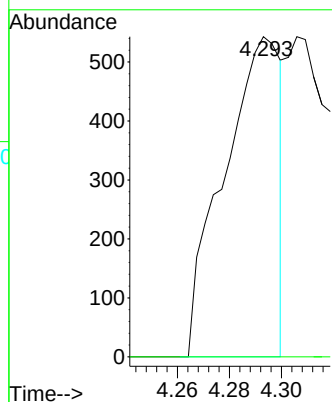
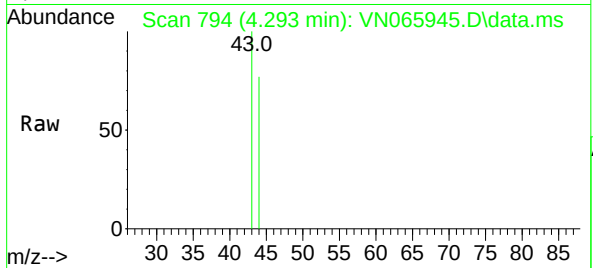




#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

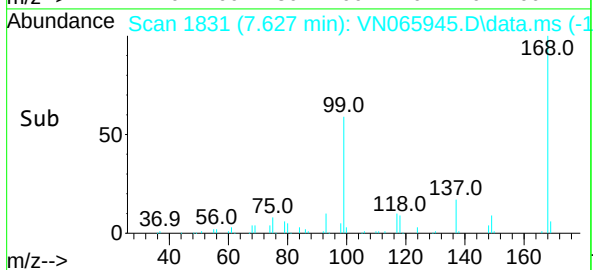
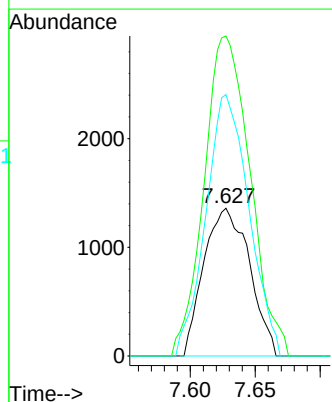
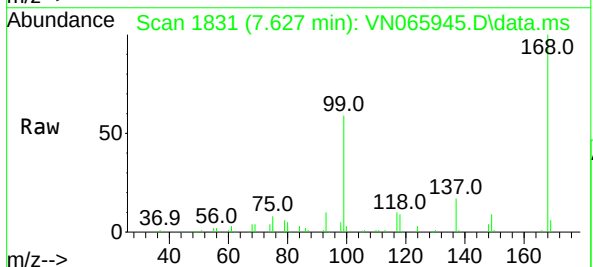
Instrument :
MSVOA_N
ClientSampled :

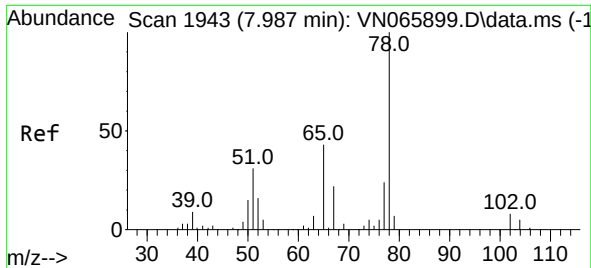
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 0.88 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 56 Resp: 3326
Ion Ratio Lower Upper
56 100
69 200.4 26.6 39.8#
84 177.0 70.4 105.6#

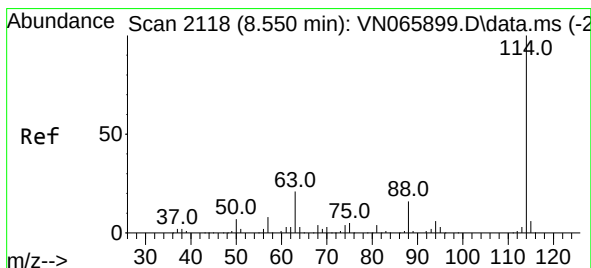
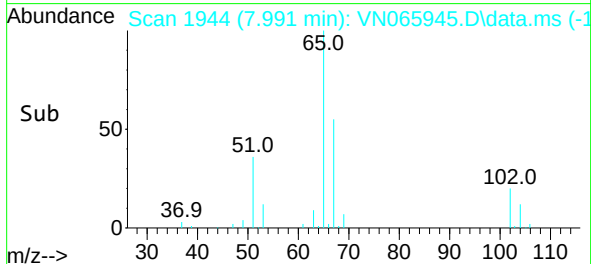
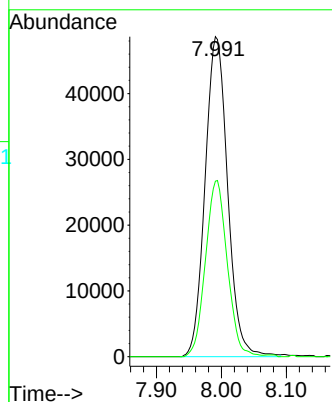
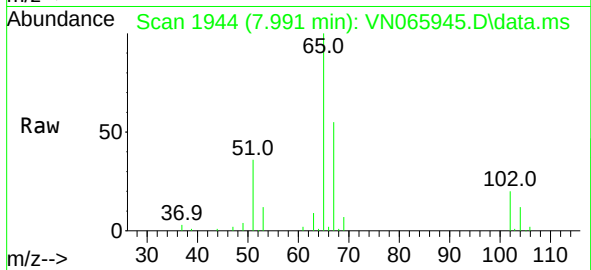




#33
1,2-Dichloroethane-d4
Concen: 46.38 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

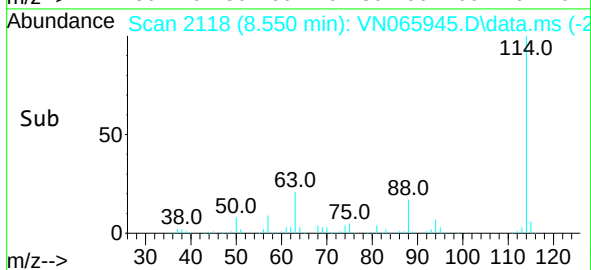
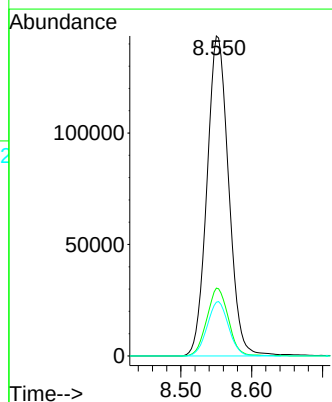
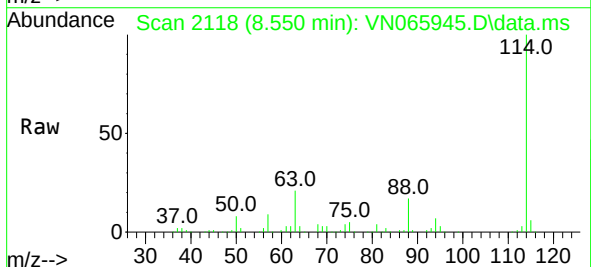
Instrument :
MSVOA_N
ClientSampled :

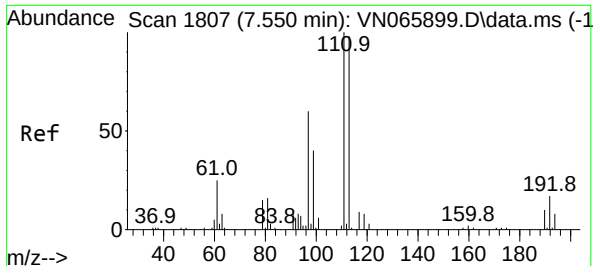
Tgt Ion: 65 Resp: 117499
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 114 Resp: 304885
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.15 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065945.D

Acq: 18 Feb 2021 16:55

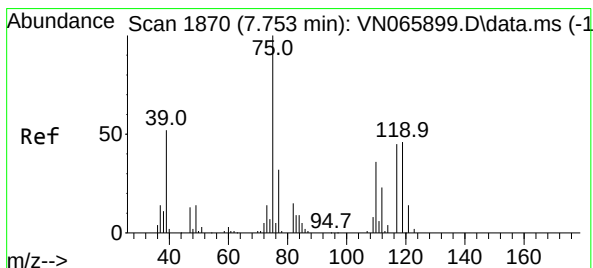
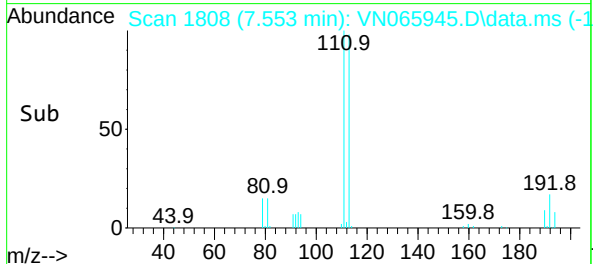
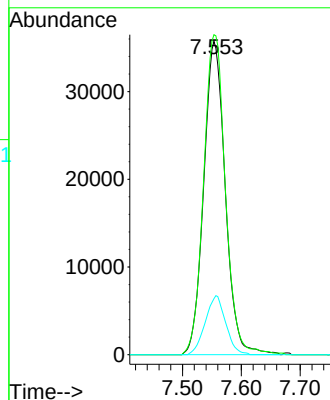
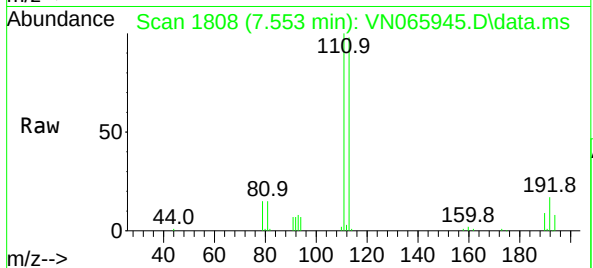
Tgt Ion:113 Resp: 90850

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 17.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065945.D

Acq: 18 Feb 2021 16:55

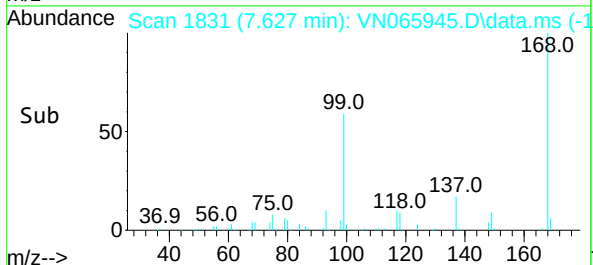
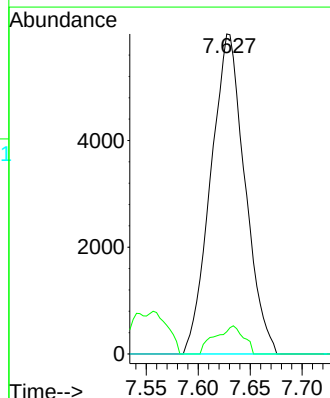
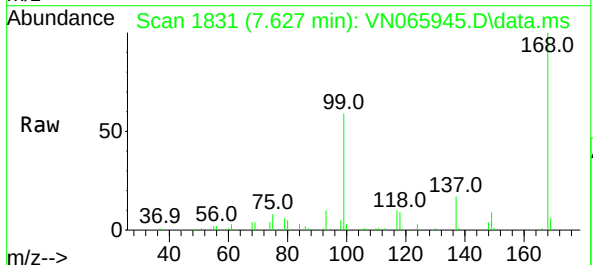
Tgt Ion: 75 Resp: 13698

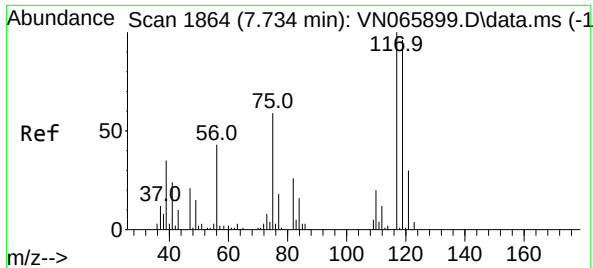
Ion Ratio Lower Upper

75 100

110 7.3 18.2 54.6#

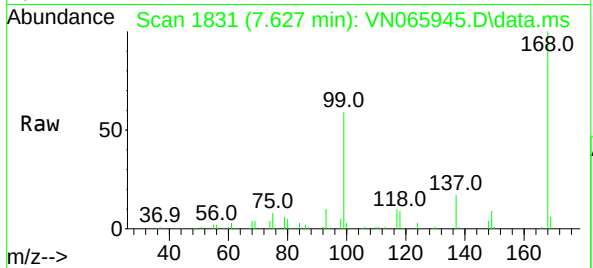
77 0.0 24.9 37.3#



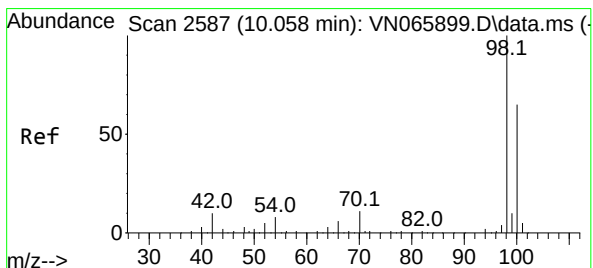
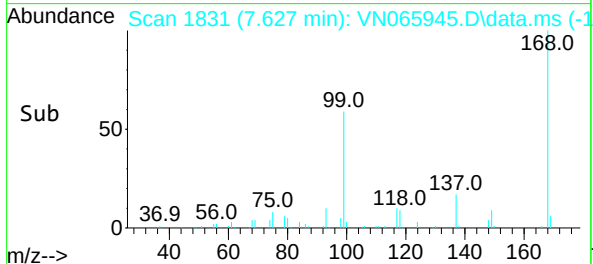
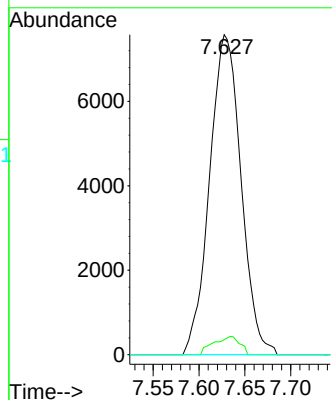


#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Instrument :
MSVOA_N
ClientSampled :

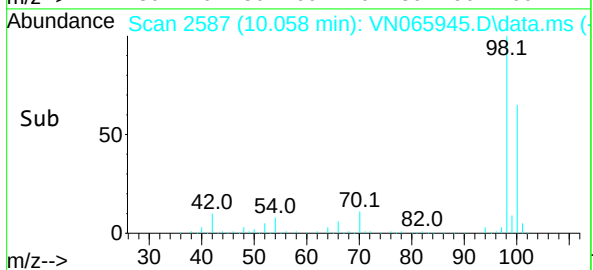
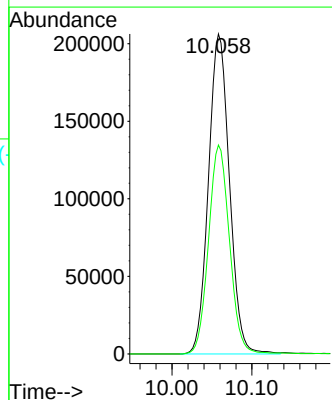
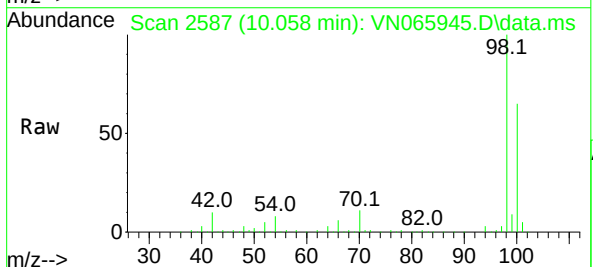


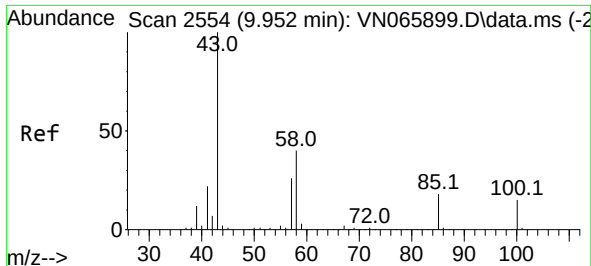
Tgt Ion:117 Resp: 18083
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.60 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 98 Resp: 376437
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7

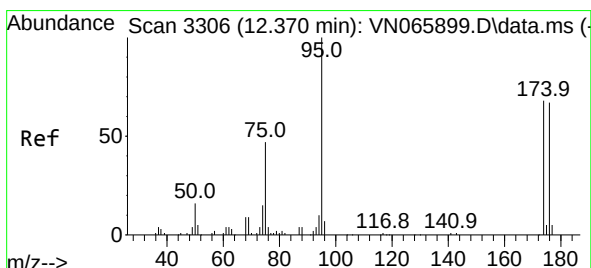
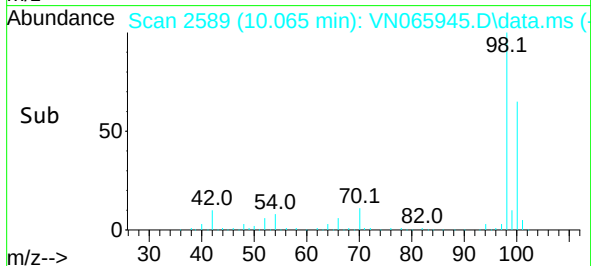
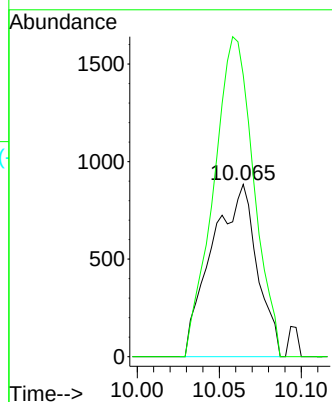
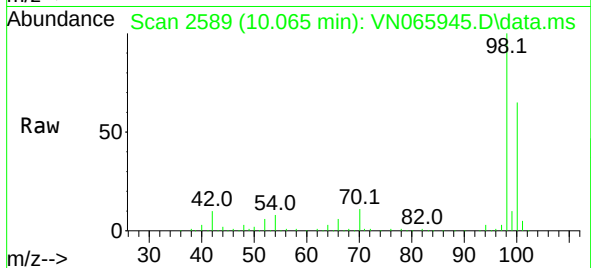




#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 10.065 min Scan# 2589
Delta R.T. 0.113 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

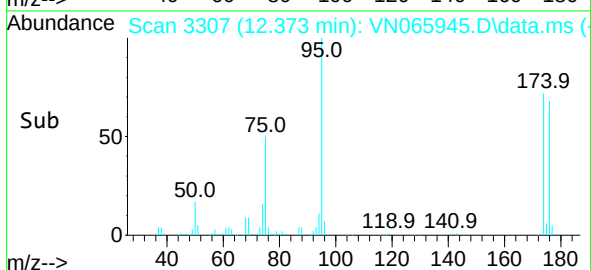
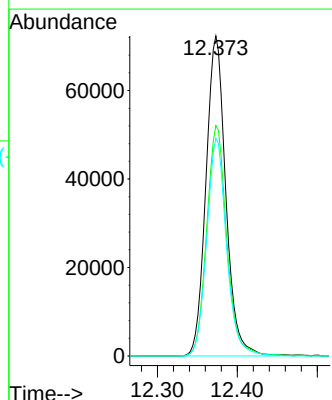
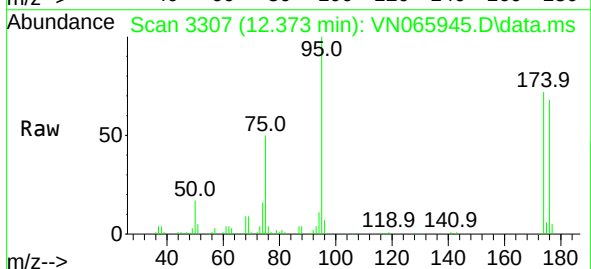
Instrument :
MSVOA_N
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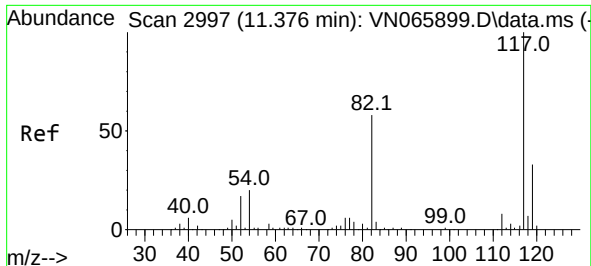
Tgt Ion: 43 Resp: 1685
Ion Ratio Lower Upper
43 100
58 165.9 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 42.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 95 Resp: 124836
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 67.9 0.0 162.4

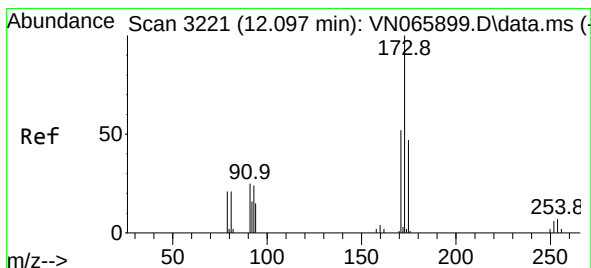
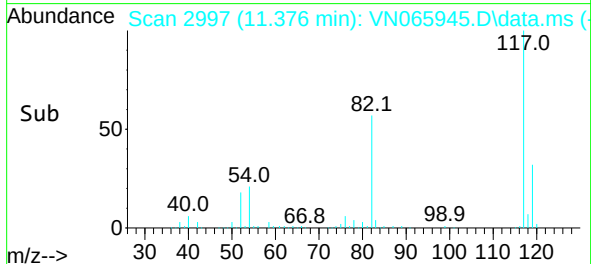
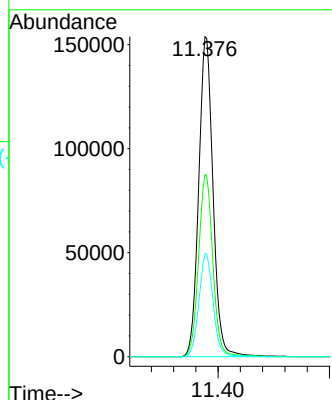
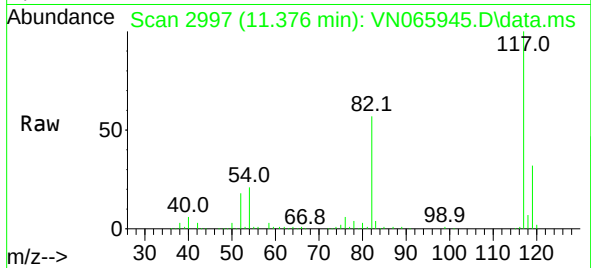




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

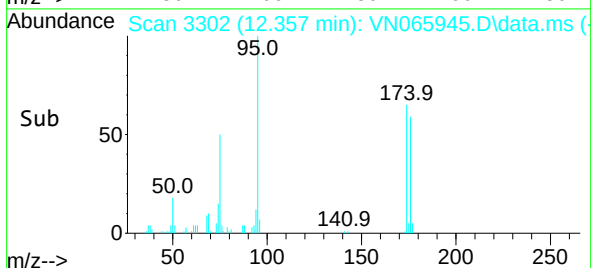
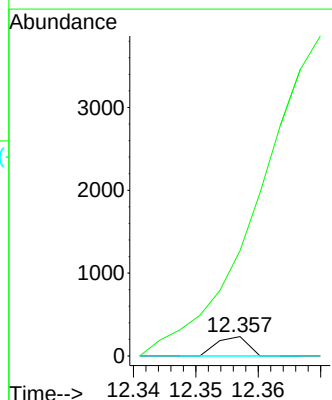
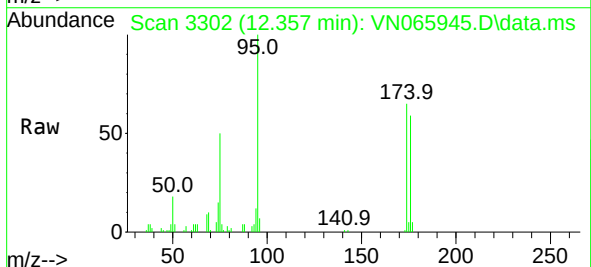
Instrument :
MSVOA_N
ClientSampleId :

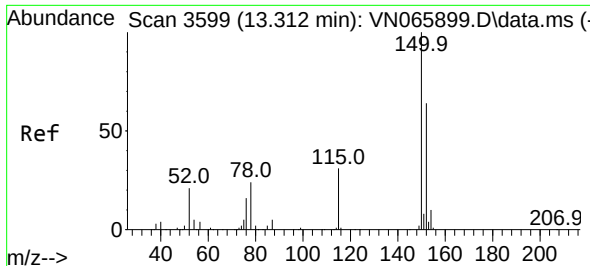
Tgt Ion:117 Resp: 274527
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 32.2 26.1 39.1



#71
Bromoform
Concen: 2.55 ug/l
RT: 12.357 min Scan# 3302
Delta R.T. 0.260 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion:173 Resp: 81
Ion Ratio Lower Upper
173 100
175 6833.3 23.8 71.2#
254 0.0 0.0 0.0

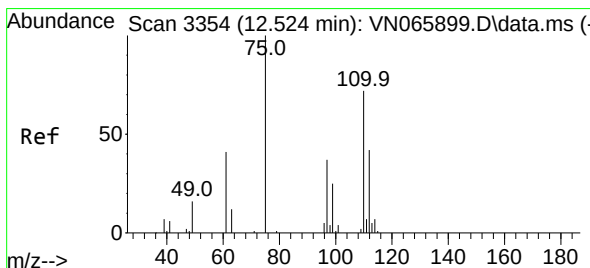
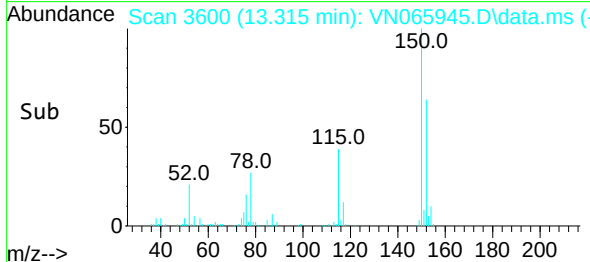
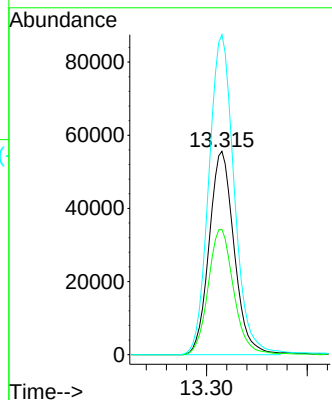
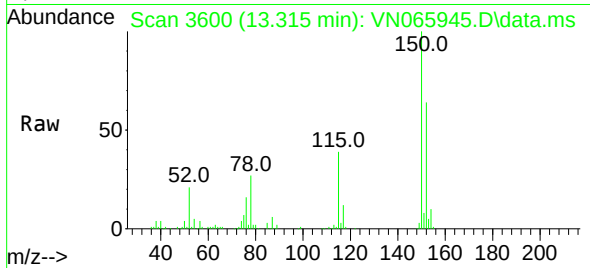




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

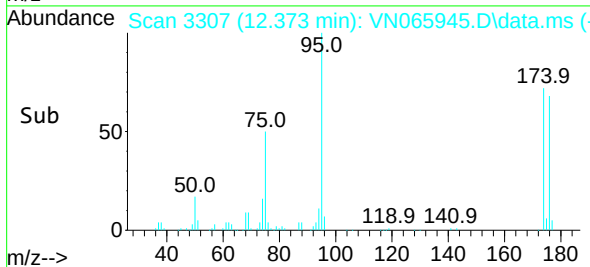
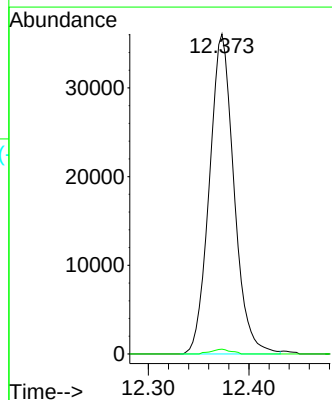
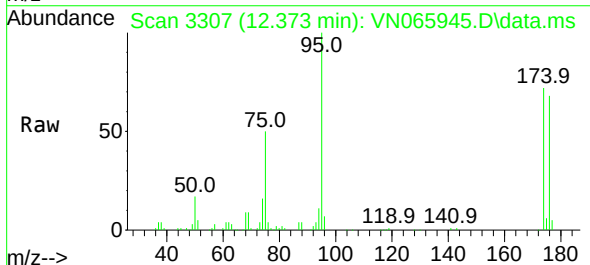
Instrument :
MSVOA_N
ClientSampleId :

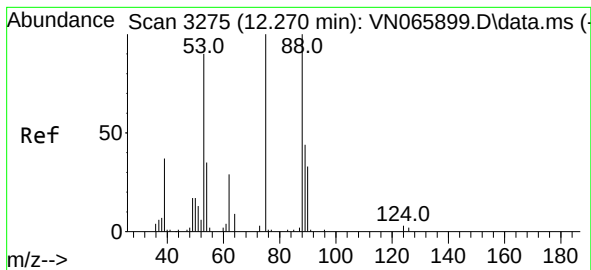
Tgt Ion:152 Resp: 96120
Ion Ratio Lower Upper
152 100
115 63.0 28.5 85.6
150 161.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 26.60 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

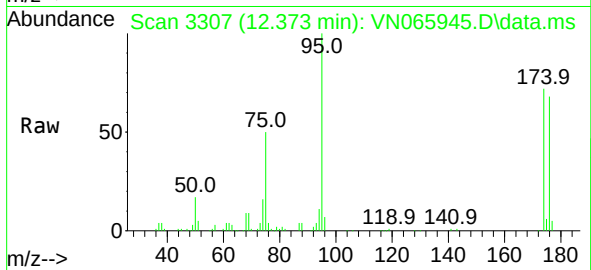
Tgt Ion: 75 Resp: 61427
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.78 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065945.D
 Acq: 18 Feb 2021 16:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 61427
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

