

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065912.D
 Acq On : 17 Feb 2021 23:16
 Operator : JC/MD
 Sample : M1382-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-438-440

Quant Time: Feb 18 01:49:05 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	194285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	333790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	304473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128337	47.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.48%
35) Dibromofluoromethane	7.553	113	100079	48.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.90%
50) Toluene-d8	10.058	98	413617	48.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.56%
62) 4-Bromofluorobenzene	12.373	95	139959	43.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.94%

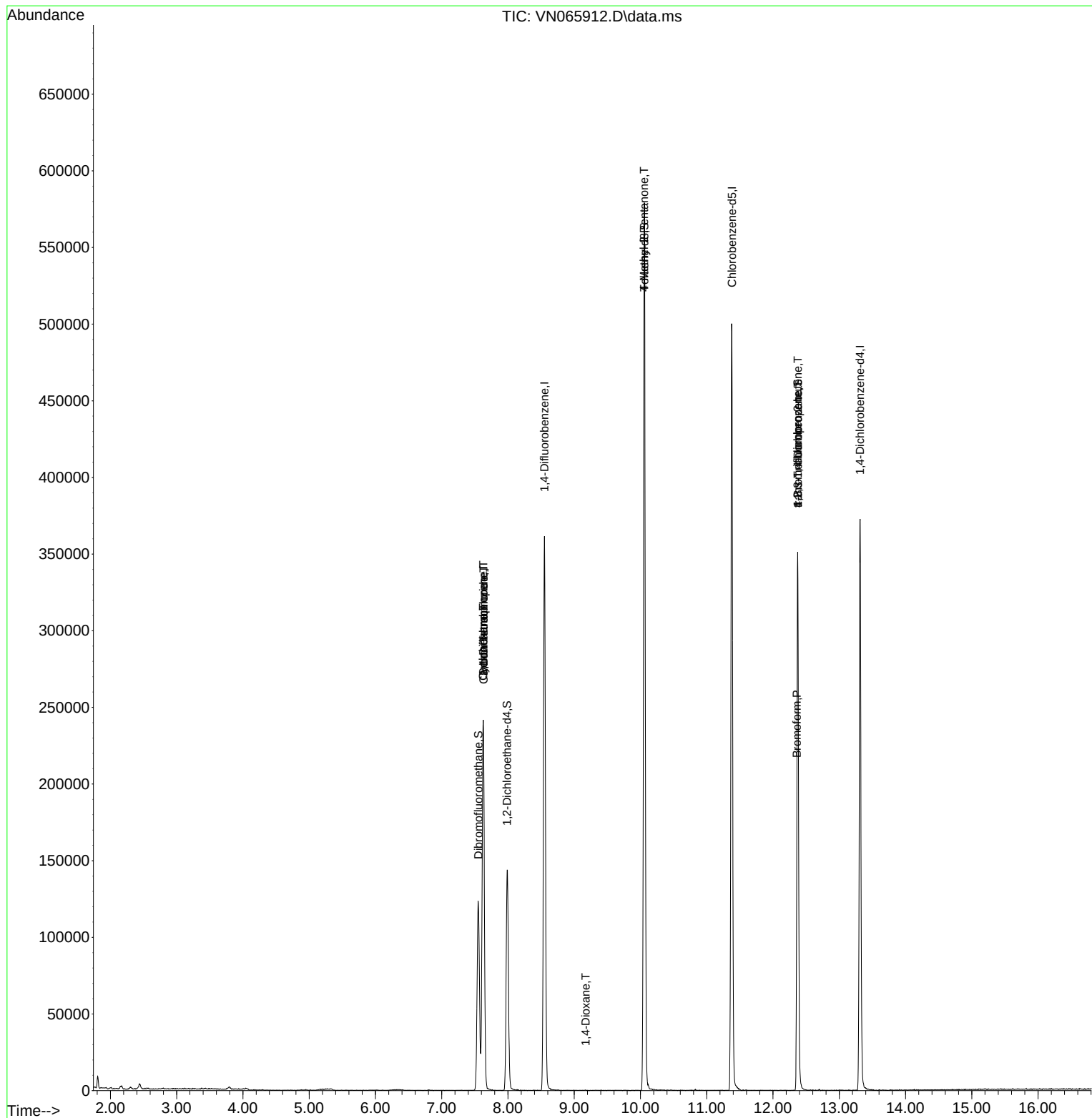
Target Compounds					Qvalue
16) Acetone	3.782	43	1071	Below Cal	# 84
31) Cyclohexane	7.624	56	3783	0.93 ug/l	# 17
36) 1,1-Dichloropropene	7.627	75	15409	4.68 ug/l	# 48
38) Carbon Tetrachloride	7.631	117	19698	6.44 ug/l	# 16
49) 1,4-Dioxane	9.174	88	63	1.54 ug/l	# 26
51) 4-Methyl-2-Pentanone	10.055	43	1625	0.56 ug/l	# 1
71) Bromoform	12.360	173	182	2.60 ug/l	# 29
76) 1,2,3-Trichloropropane	12.373	75	68651	26.78 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.373	75	68651	85.34 ug/l	# 12

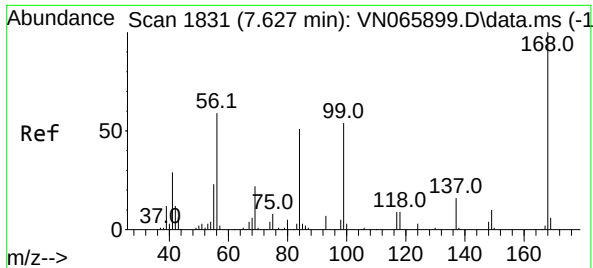
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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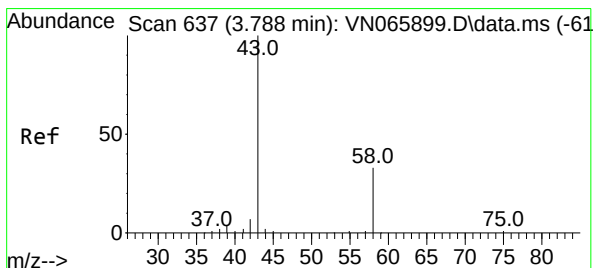
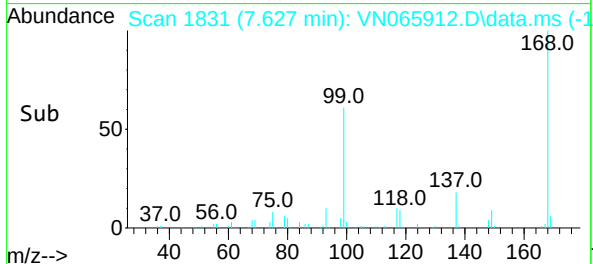
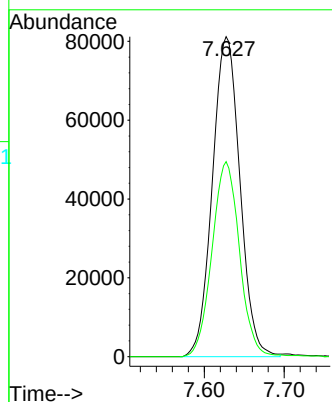
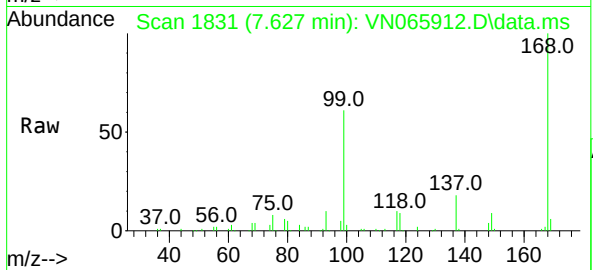




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

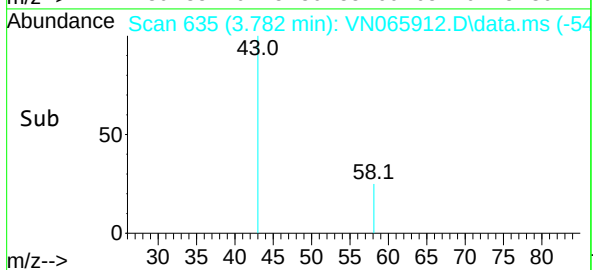
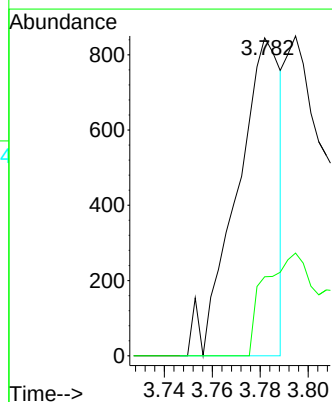
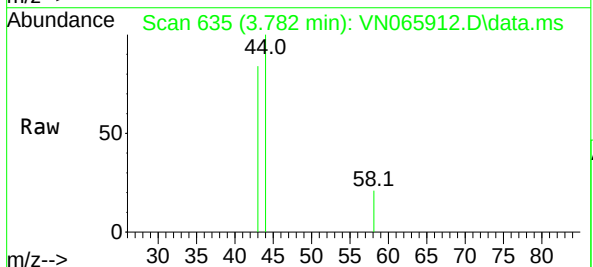
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-438-440

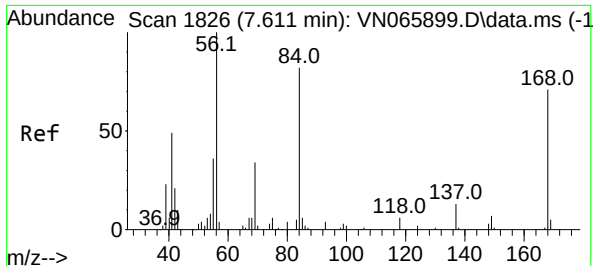
Tgt Ion:168 Resp: 194285
Ion Ratio Lower Upper
168 100
99 61.0 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.006 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
58 24.9 27.0 40.6#





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065912.D

Acq: 17 Feb 2021 23:16

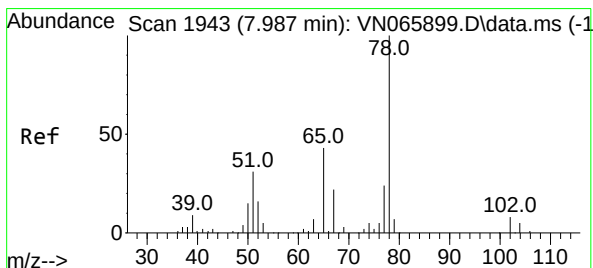
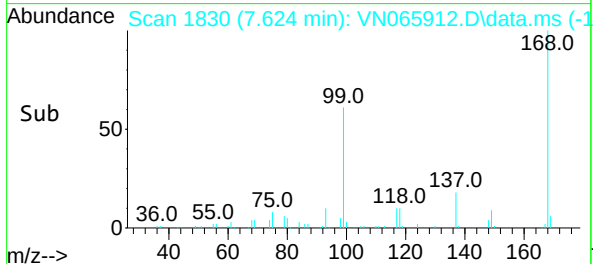
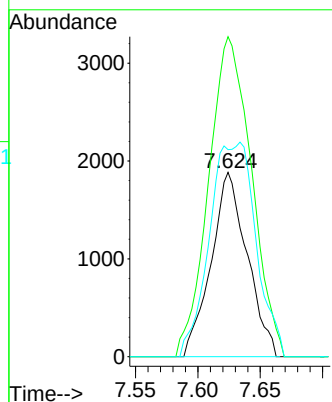
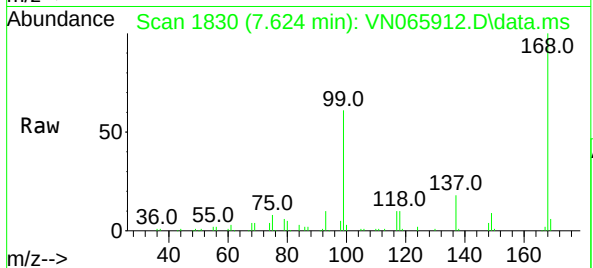
Tgt Ion: 56 Resp: 3783

Ion Ratio Lower Upper

56 100

69 164.8 26.6 39.8#

84 112.4 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 47.24 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065912.D

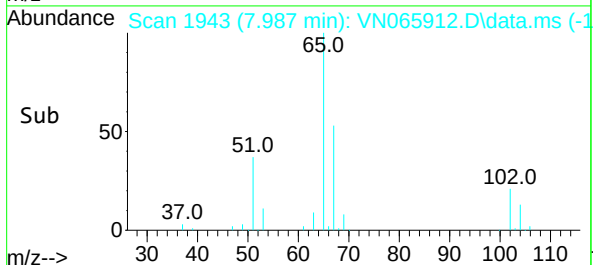
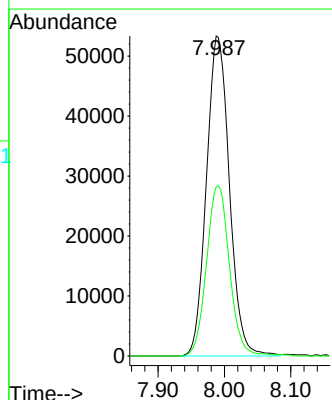
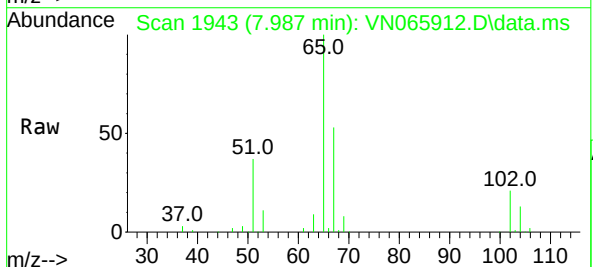
Acq: 17 Feb 2021 23:16

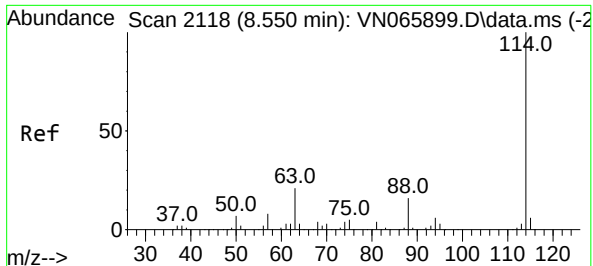
Tgt Ion: 65 Resp: 128337

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2

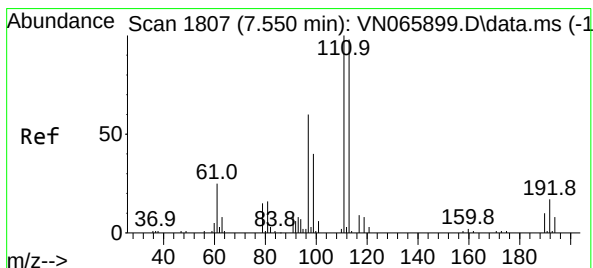
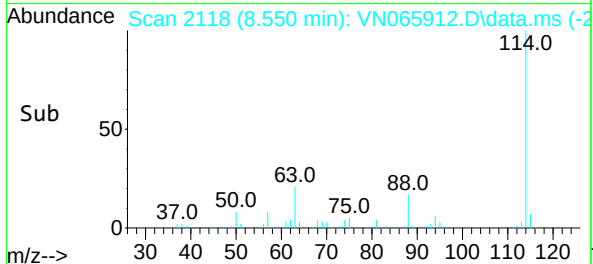
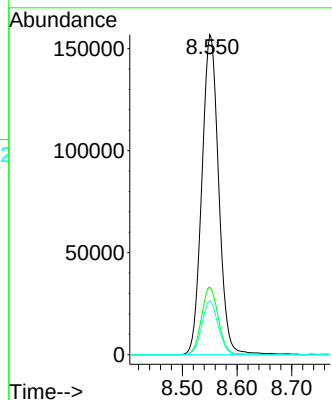
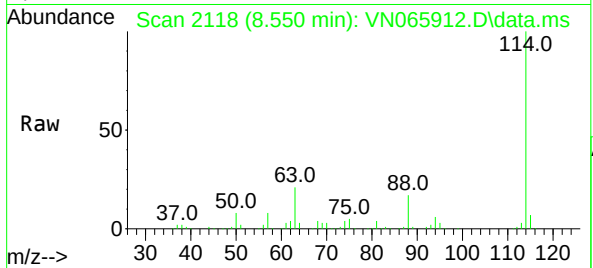




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

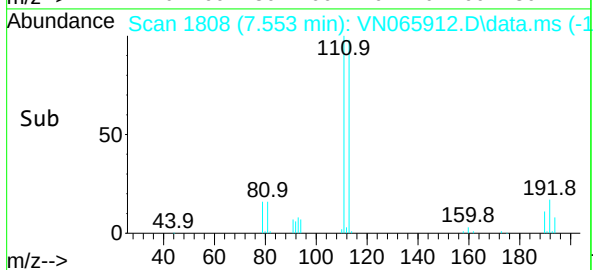
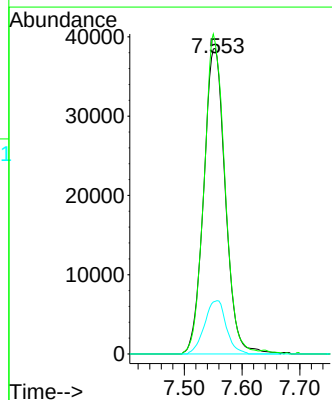
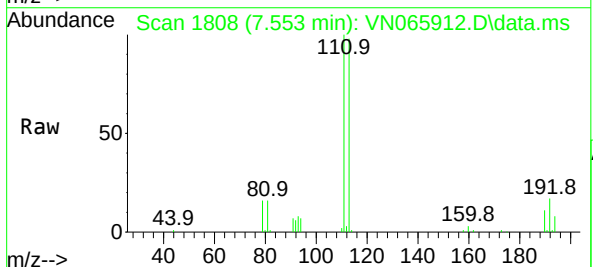
Instrument :
MSVOA_N
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BP-TT-VPB-RW6-GW-438-440

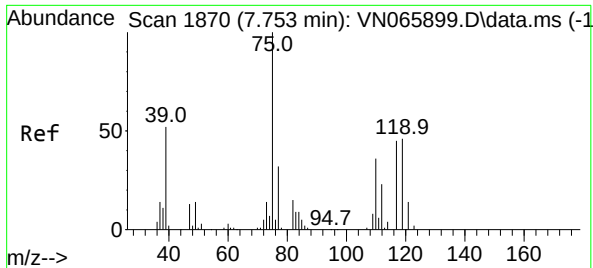
Tgt Ion:114 Resp: 333790
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.45 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

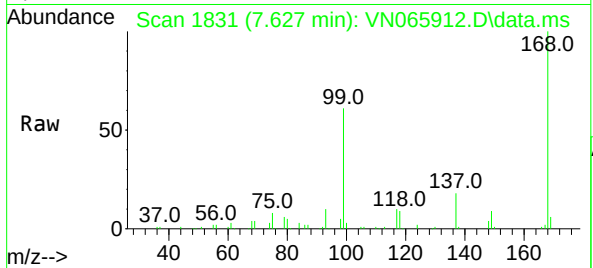
Tgt Ion:113 Resp: 100079
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 17.5 15.4 23.0



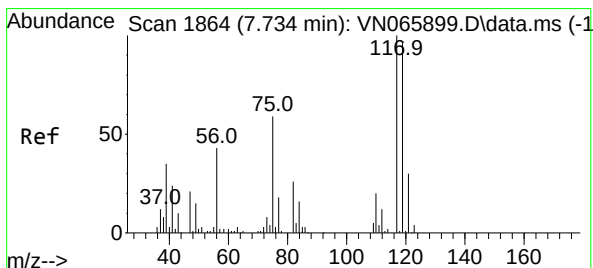
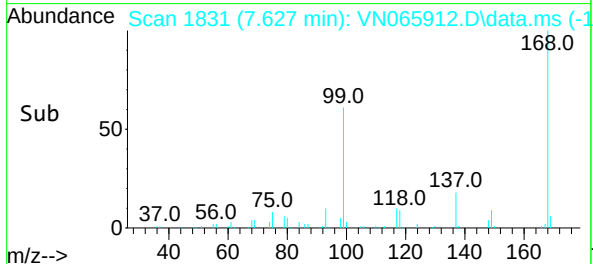
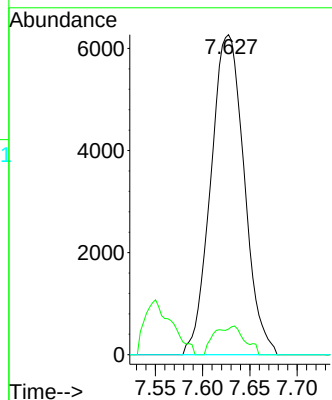


#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-438-440

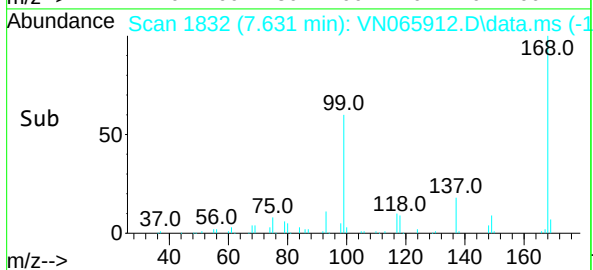
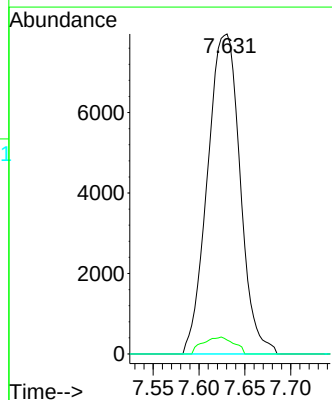
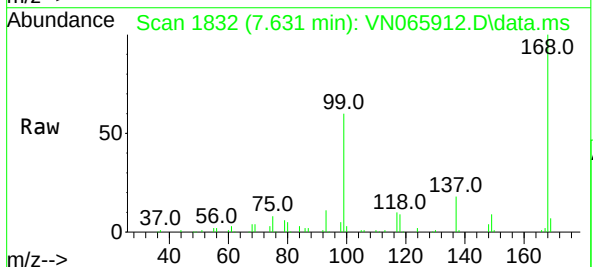


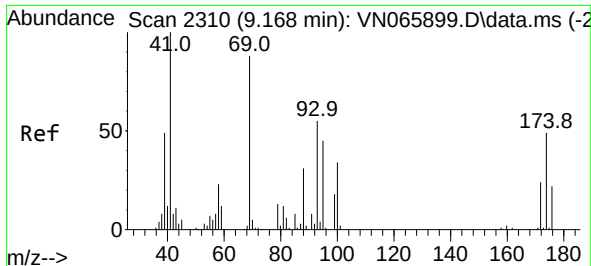
Tgt Ion: 75 Resp: 15409
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.44 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

Tgt Ion: 117 Resp: 19698
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.5 36.7#





#49

1,4-Dioxane

Concen: 1.54 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.006 min

Lab File: VN065912.D

Acq: 17 Feb 2021 23:16

Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 0.0 24.7 37.1#

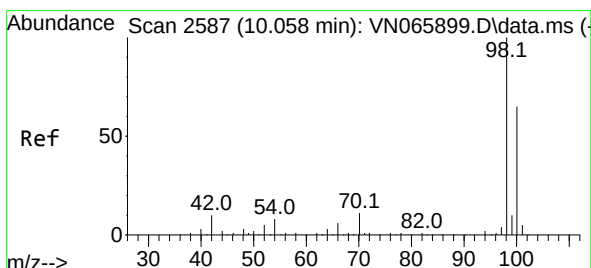
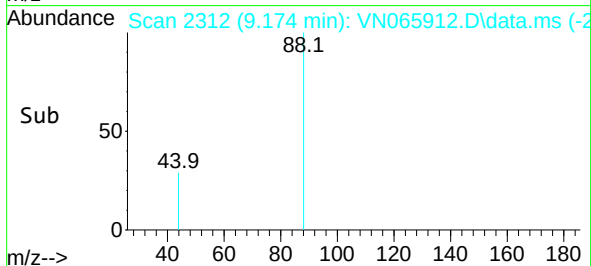
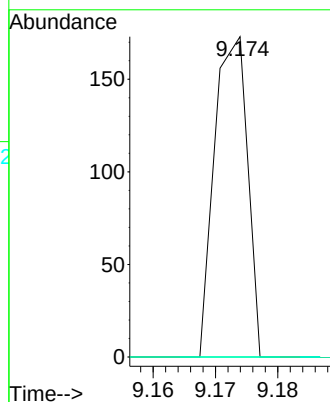
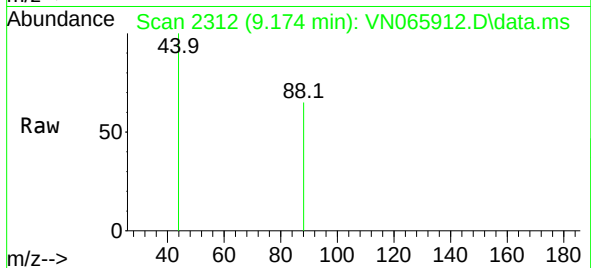
58 0.0 52.6 78.8#

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW6-GW-438-440



#50

Toluene-d8

Concen: 48.78 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN065912.D

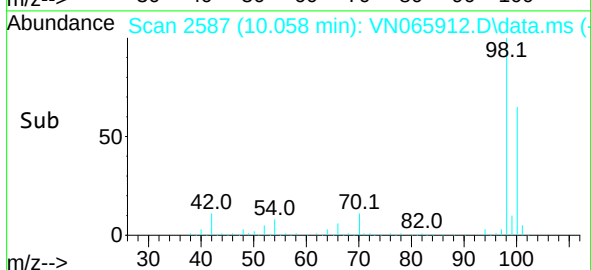
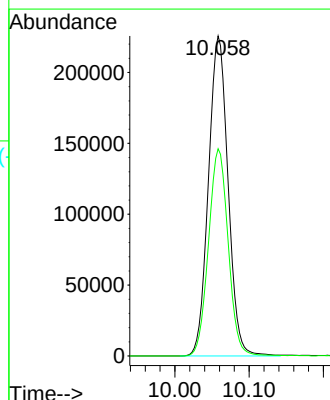
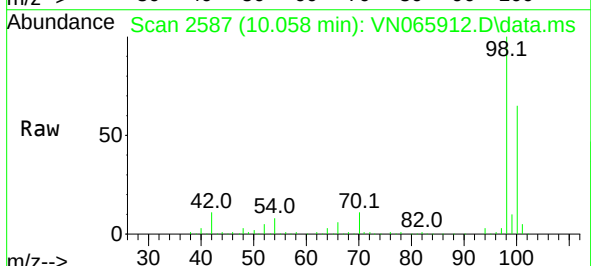
Acq: 17 Feb 2021 23:16

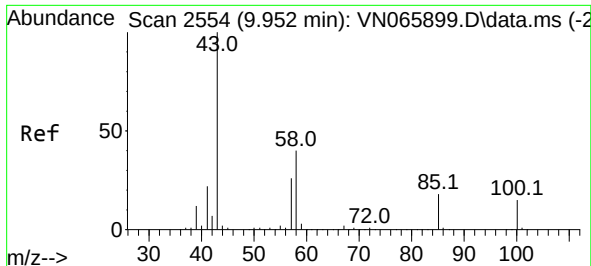
Tgt Ion: 98 Resp: 413617

Ion Ratio Lower Upper

98 100

100 65.0 50.5 75.7

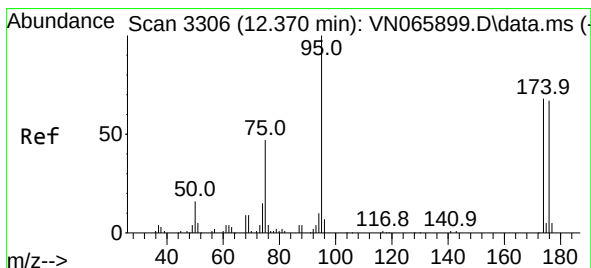
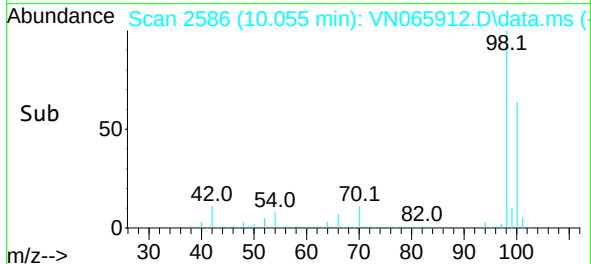
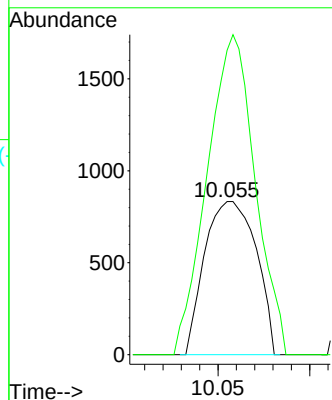
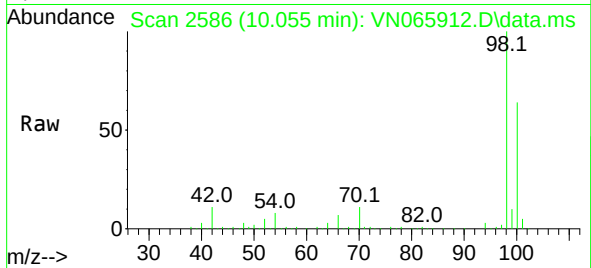




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

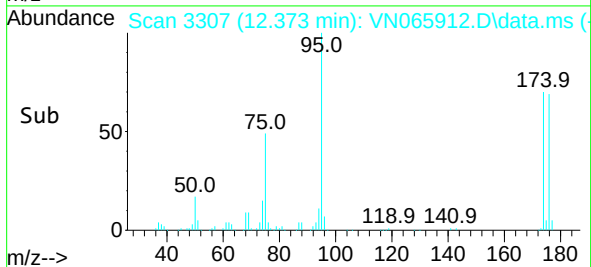
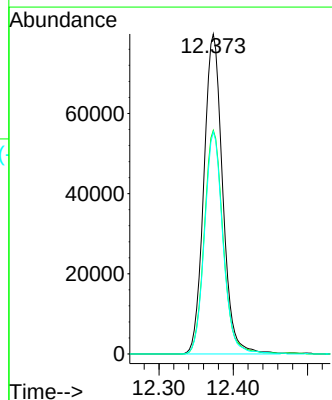
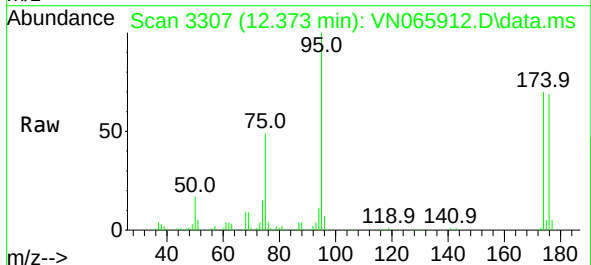
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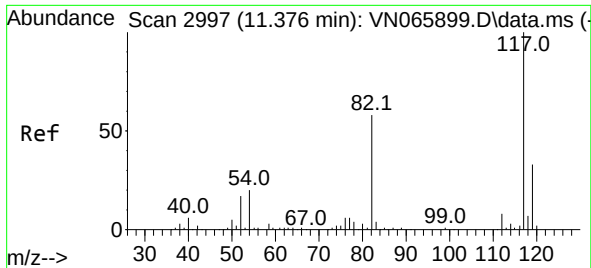
Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 194.5 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 43.97 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

Tgt Ion: 95 Resp: 139959
Ion Ratio Lower Upper
95 100
174 69.9 0.0 169.0
176 68.2 0.0 162.4

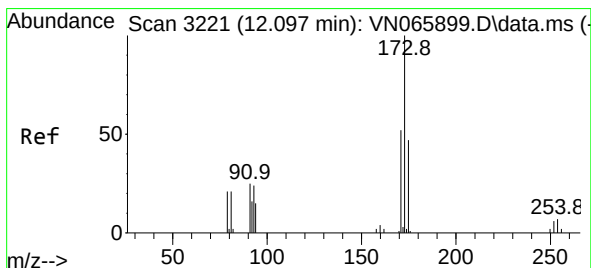
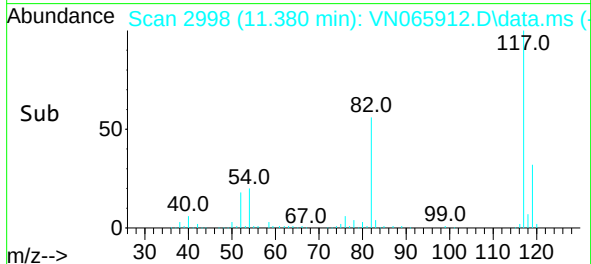
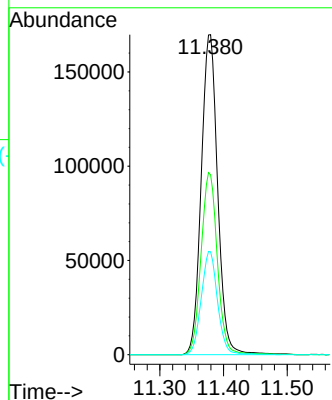
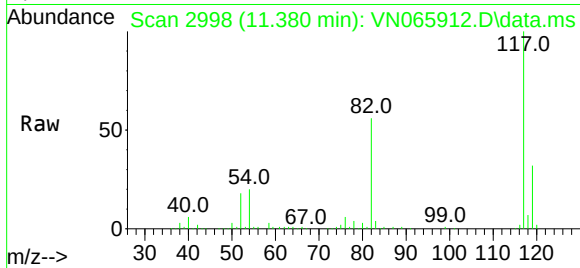




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

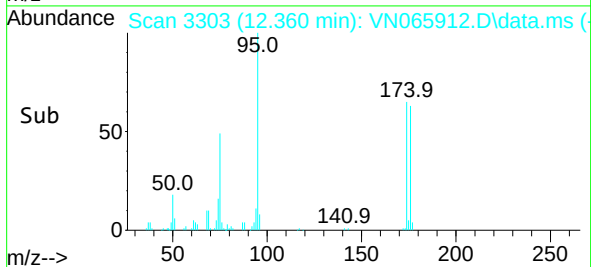
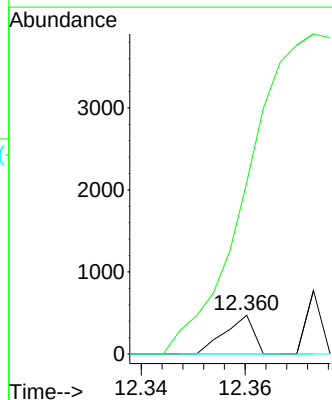
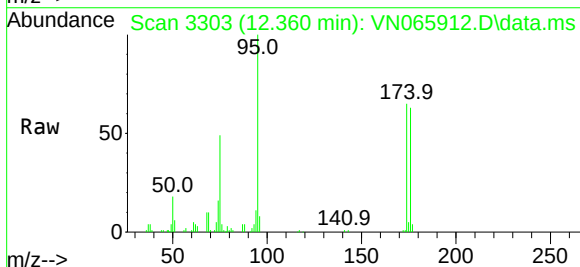
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-438-440

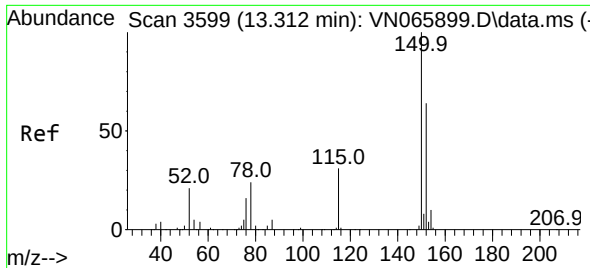
Tgt Ion:117 Resp: 304473
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.2 26.1 39.1



#71
Bromoform
Concen: 2.60 ug/l
RT: 12.360 min Scan# 3303
Delta R.T. 0.263 min
Lab File: VN065912.D
Acq: 17 Feb 2021 23:16

Tgt Ion:173 Resp: 182
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0

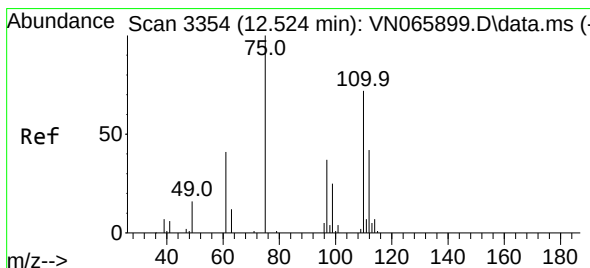
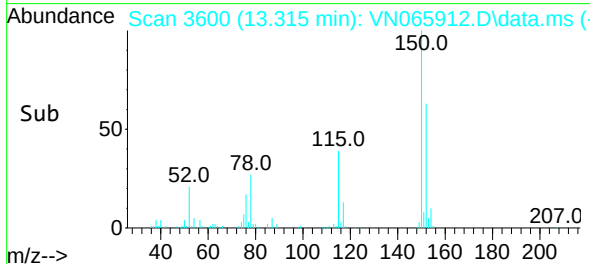
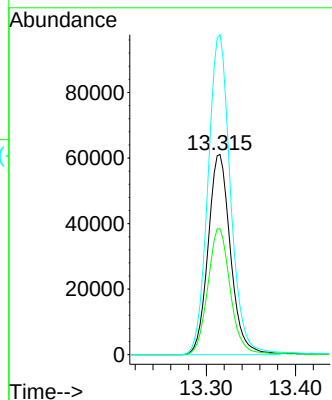
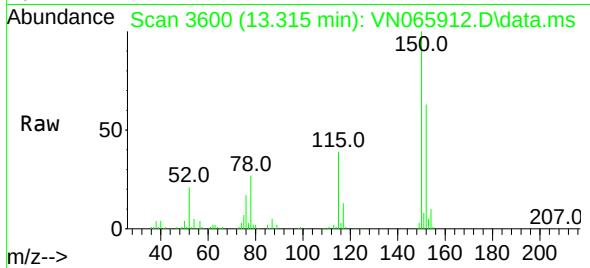




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065912.D
 Acq: 17 Feb 2021 23:16

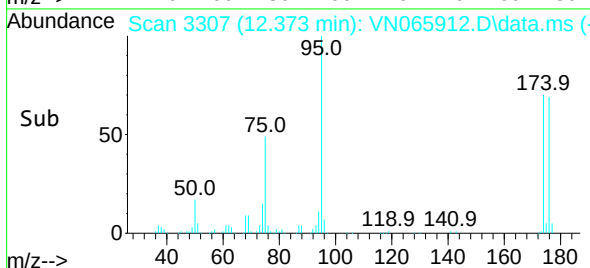
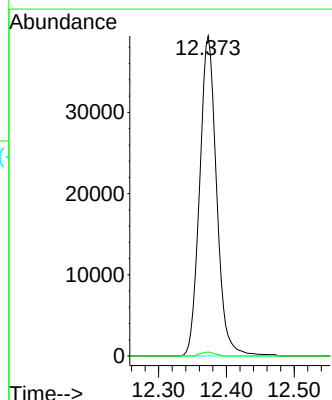
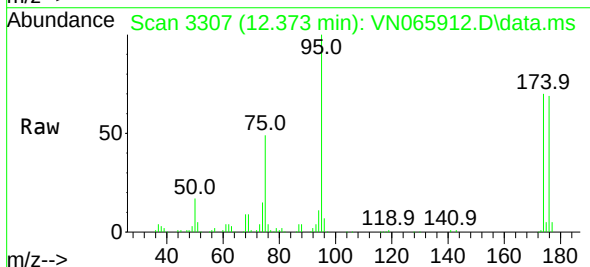
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-438-440

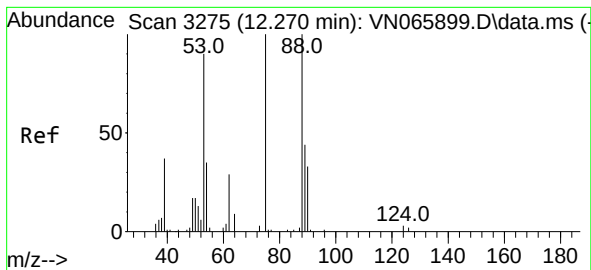
Tgt Ion:152 Resp: 106722
 Ion Ratio Lower Upper
 152 100
 115 63.0 28.5 85.6
 150 161.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 26.78 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065912.D
 Acq: 17 Feb 2021 23:16

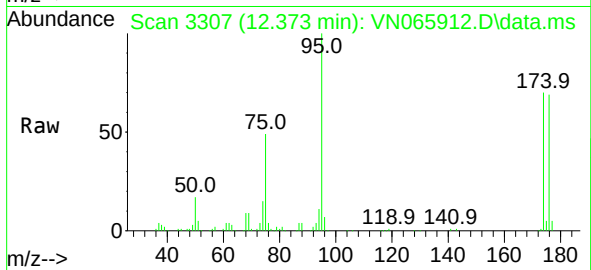
Tgt Ion: 75 Resp: 68651
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.34 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065912.D
 Acq: 17 Feb 2021 23:16

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-438-440



Tgt Ion: 75 Resp: 68651
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

