

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065926.D
 Acq On : 18 Feb 2021 5:02
 Operator : JC/MD
 Sample : M1418-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW178S-GW-20210211

Quant Time: Feb 18 05:53:34 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)

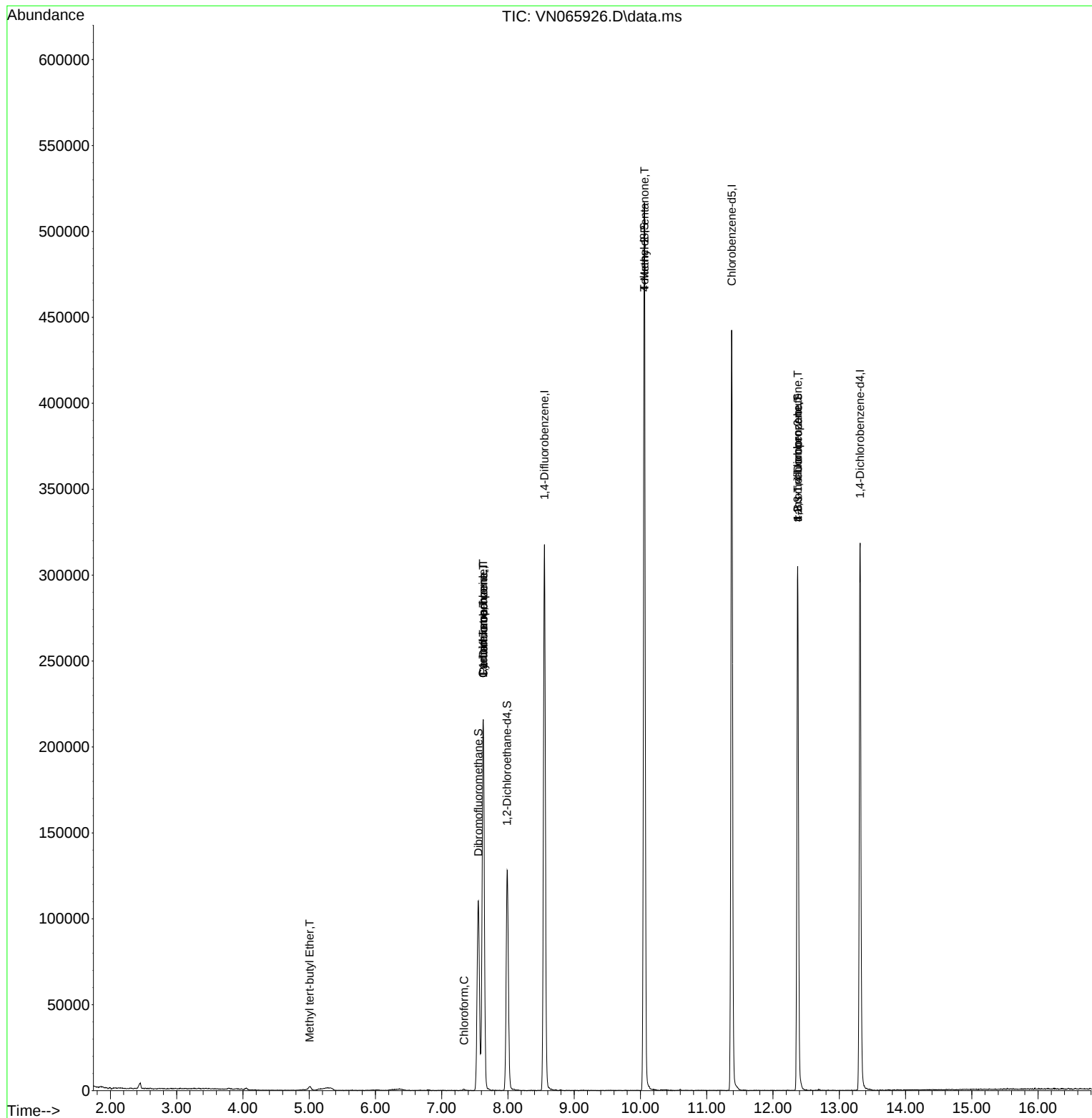
Internal Standards						
1) Pentafluorobenzene	7.627	168	172852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	292771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	265925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	93306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	115145	47.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.28%
35) Dibromofluoromethane	7.553	113	88776	48.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.98%
50) Toluene-d8	10.058	98	366827	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%
62) 4-Bromofluorobenzene	12.373	95	120656	43.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.42%
Target Compounds						
					Qvalue	
16) Acetone	3.785	43	671	Below Cal	#	41
19) Methyl tert-butyl Ether	5.007	73	3709	0.59	ug/l	99
30) Chloroform	7.338	83	914	0.24	ug/l #	83
31) Cyclohexane	7.624	56	3394	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13337	4.62	ug/l #	49
38) Carbon Tetrachloride	7.624	117	17686	6.59	ug/l #	17
51) 4-Methyl-2-Pentanone	10.061	43	1224	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	58222	25.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58222	82.78	ug/l #	12

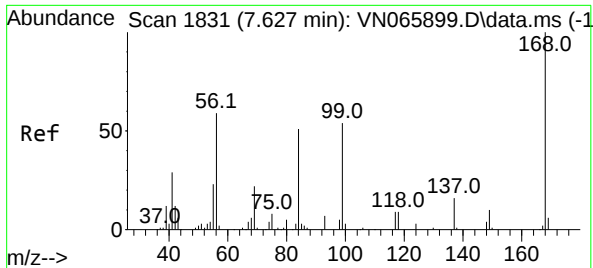
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 18 05:53:34 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

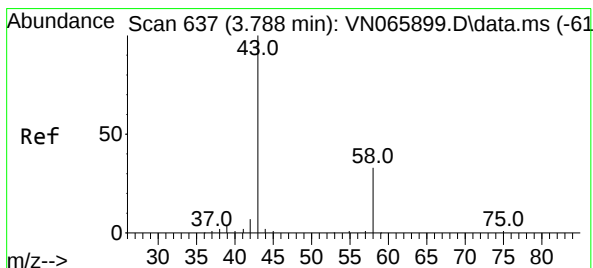
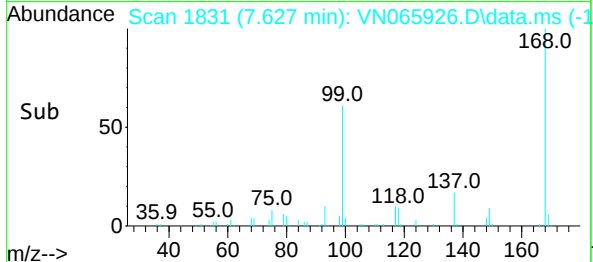
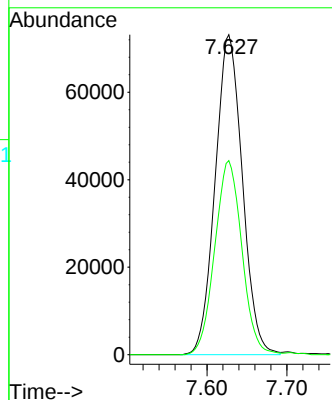
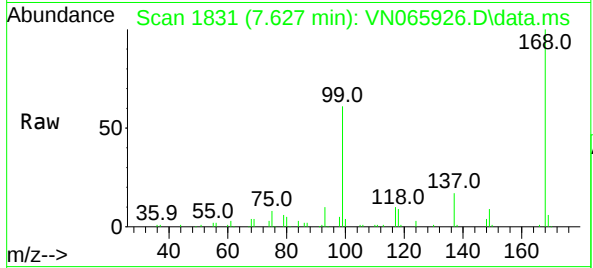




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

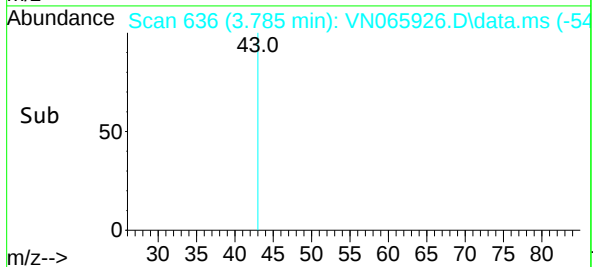
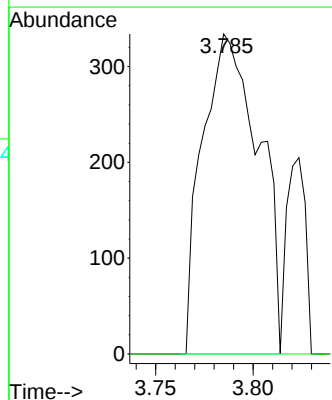
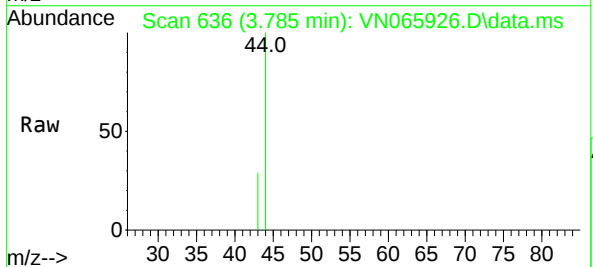
Instrument :
MSVOA_N
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BP-TT-MW178S-GW-20210211

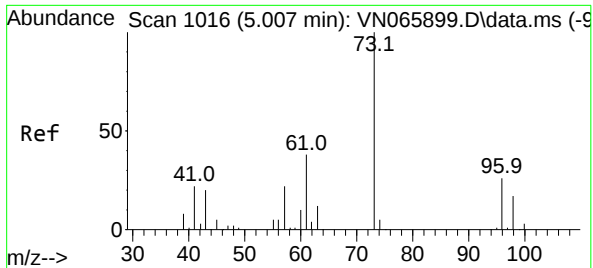
Tgt Ion:168 Resp: 172852
Ion Ratio Lower Upper
168 100
99 60.7 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.003 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

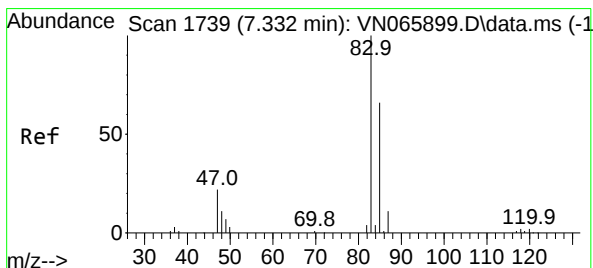
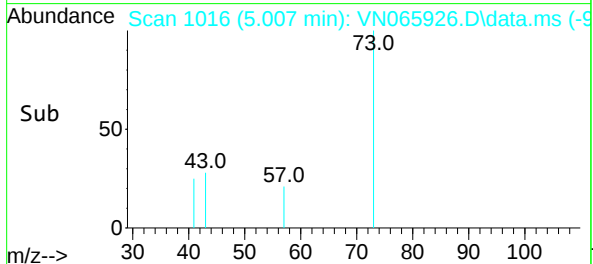
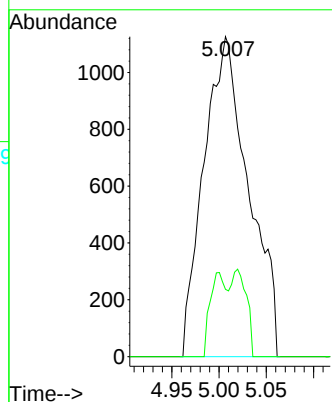
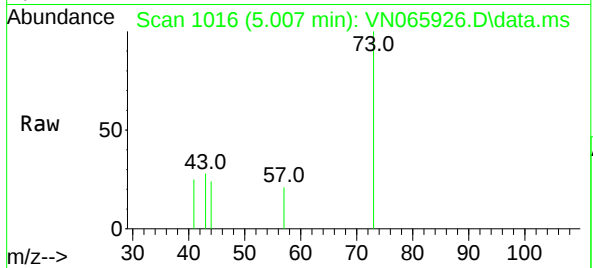




#19
Methyl tert-butyl Ether
Concen: 0.59 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

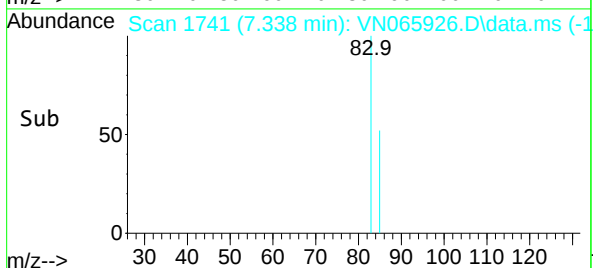
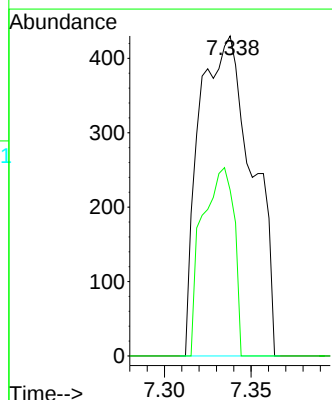
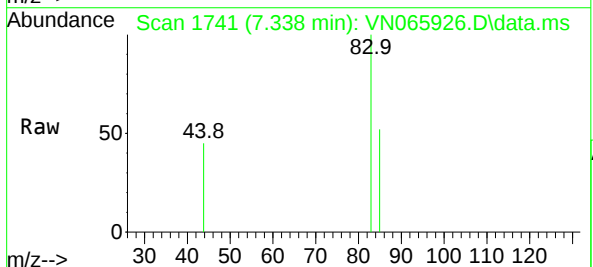
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178S-GW-20210211

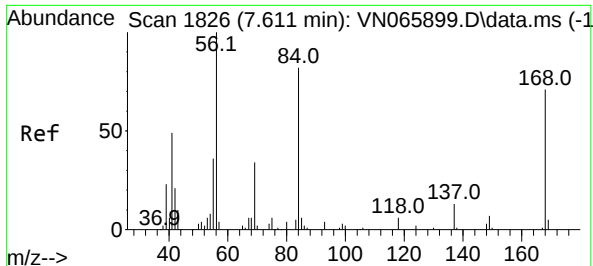
Tgt Ion: 73 Resp: 3709
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#30
Chloroform
Concen: 0.24 ug/l
RT: 7.338 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

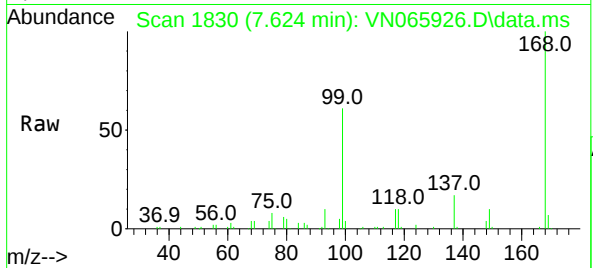
Tgt Ion: 83 Resp: 914
Ion Ratio Lower Upper
83 100
85 51.9 52.6 78.8#



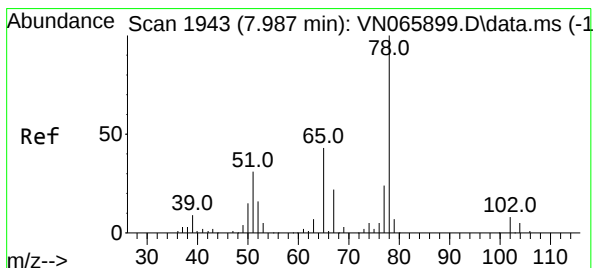
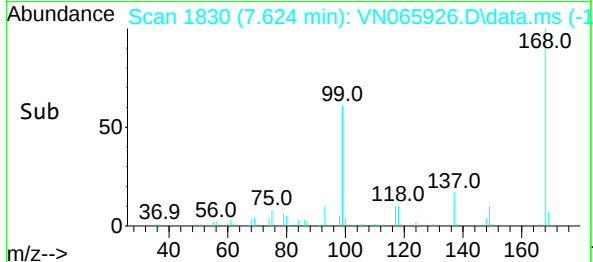
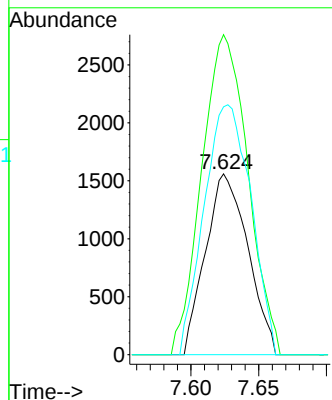


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178S-GW-20210211

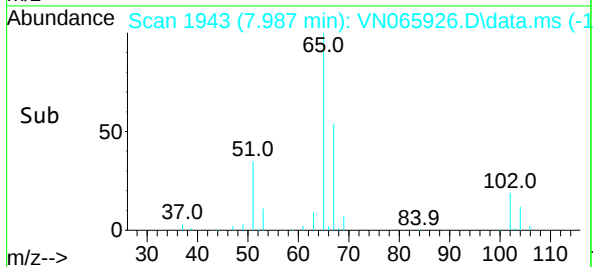
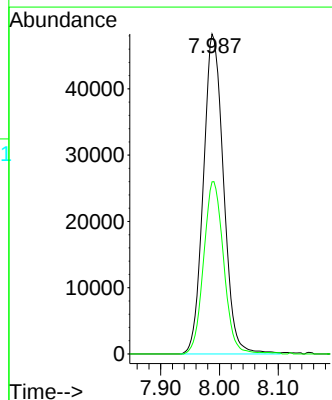
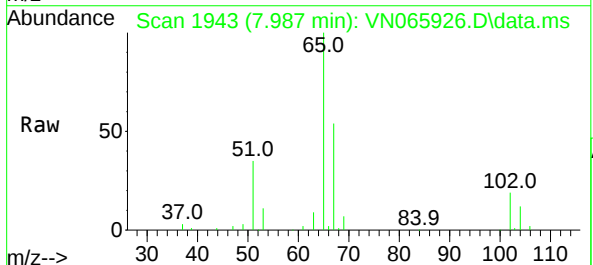


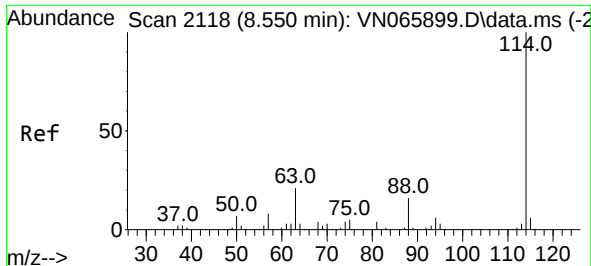
Tgt Ion: 56 Resp: 3394
Ion Ratio Lower Upper
56 100
69 177.0 26.6 39.8#
84 137.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.64 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion: 65 Resp: 115145
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

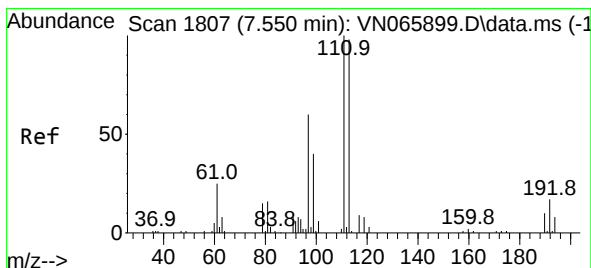
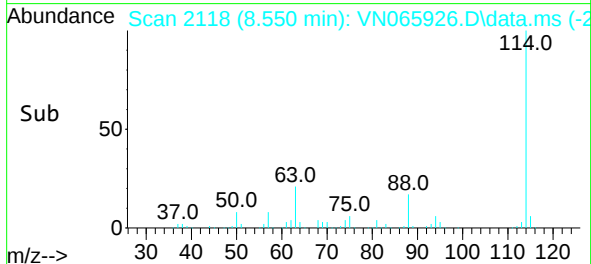
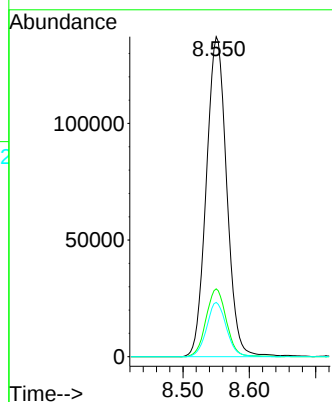
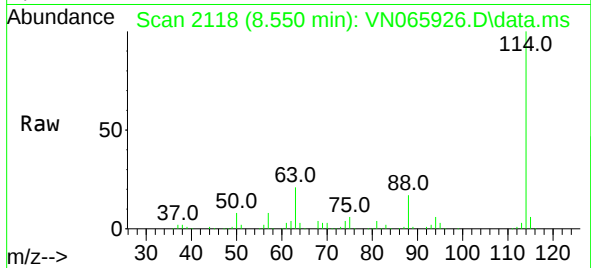




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

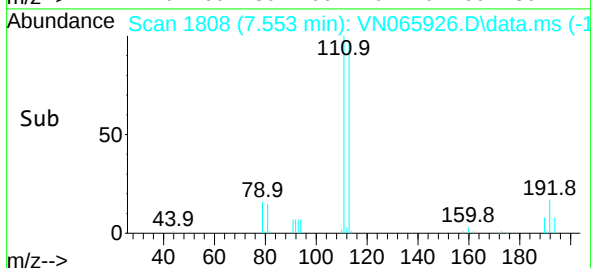
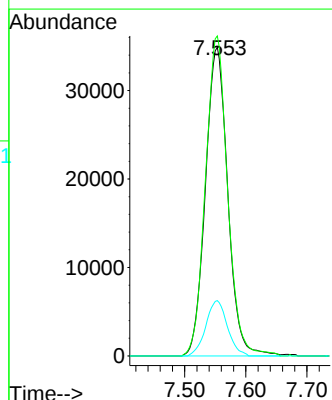
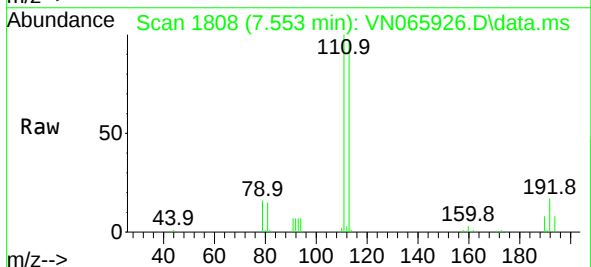
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178S-GW-20210211

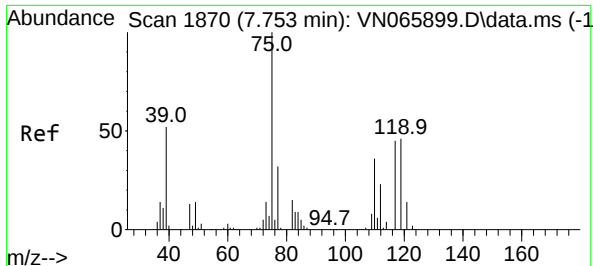
Tgt Ion:114 Resp: 292771
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.99 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion:113 Resp: 88776
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 17.3 15.4 23.0



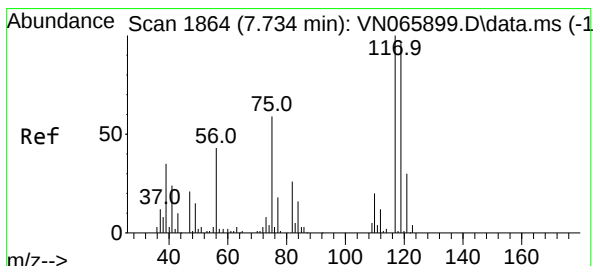
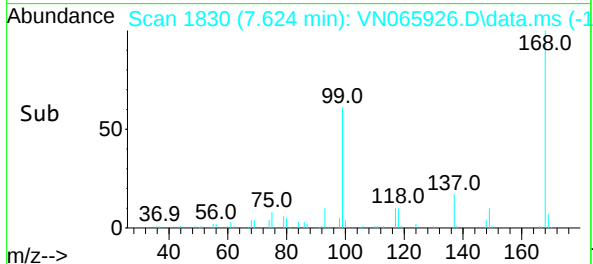
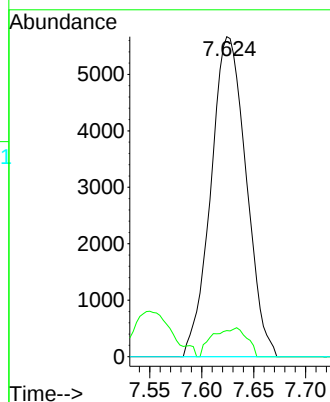
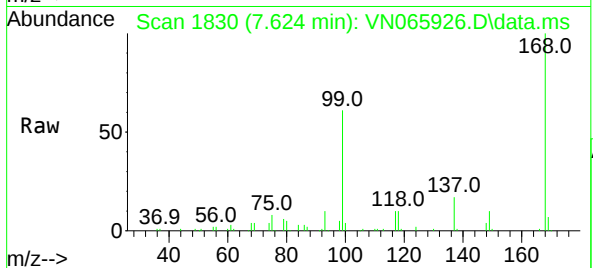


#36

1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178S-GW-20210211

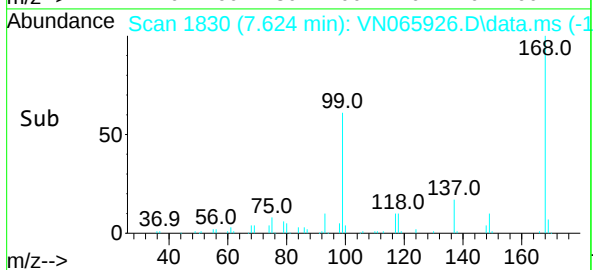
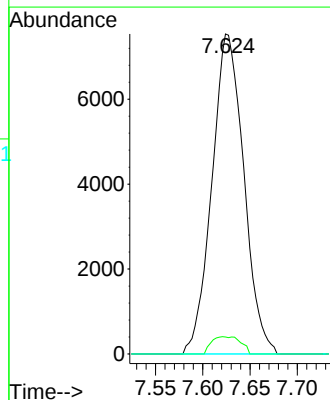
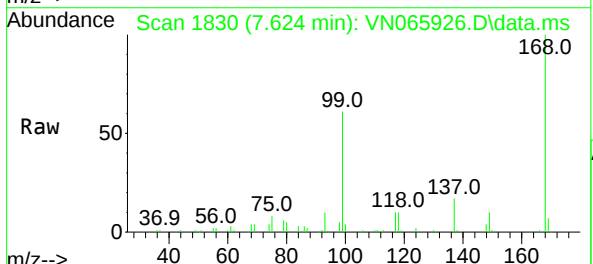
Tgt Ion: 75 Resp: 13337
Ion Ratio Lower Upper
75 100
110 8.8 18.2 54.6#
77 0.0 24.9 37.3#

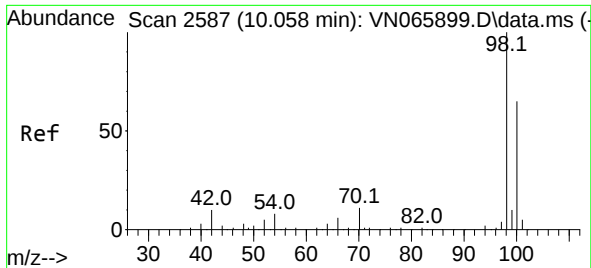


#38

Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion: 117 Resp: 17686
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.5 36.7#

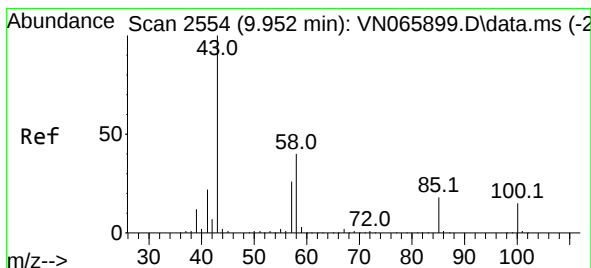
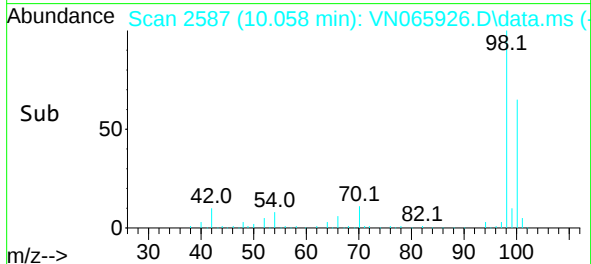
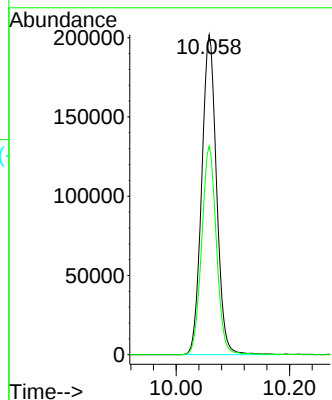
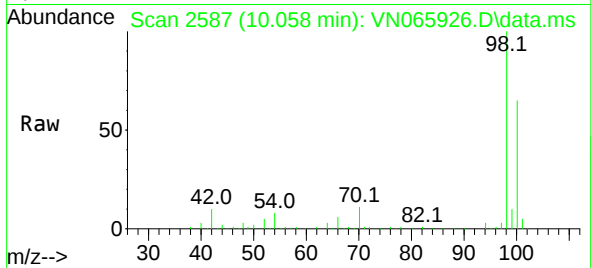




#50
Toluene-d8
Concen: 49.32 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

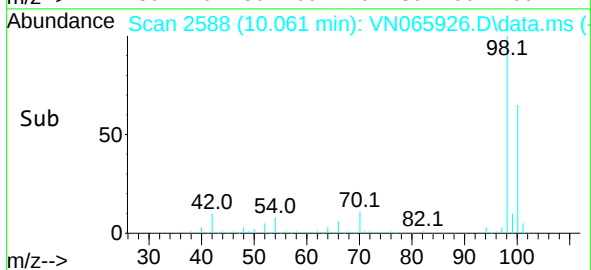
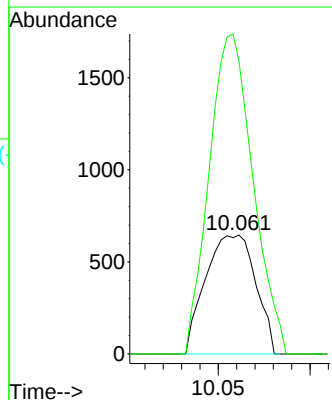
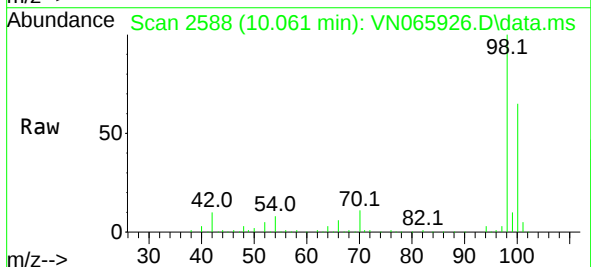
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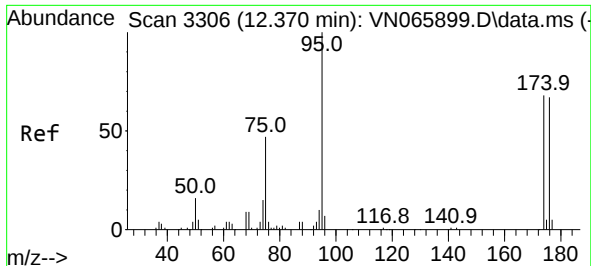
Tgt Ion: 98 Resp: 366827
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.109 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion: 43 Resp: 1224
Ion Ratio Lower Upper
43 100
58 235.1 32.5 48.7#

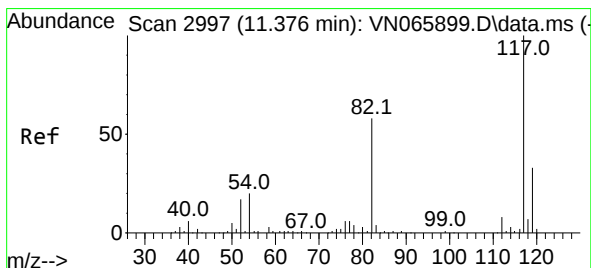
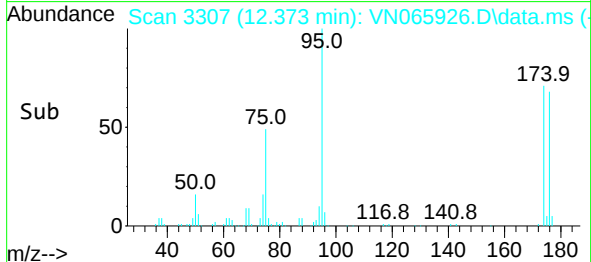
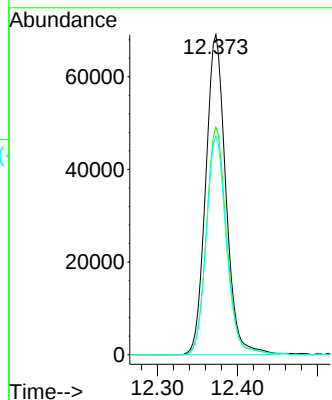
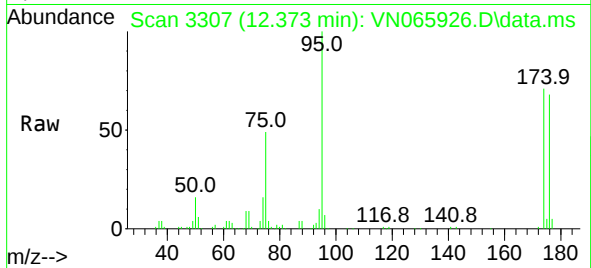




#62
4-Bromofluorobenzene
Concen: 43.21 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

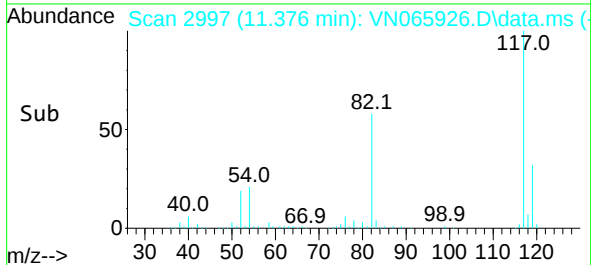
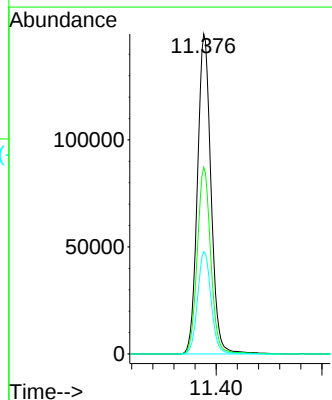
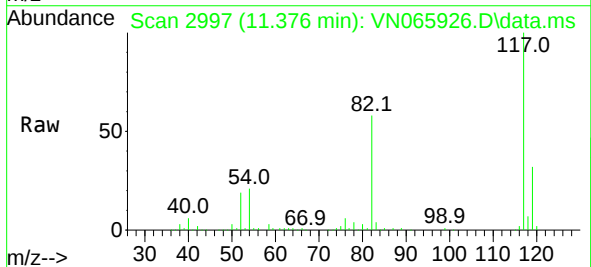
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178S-GW-20210211

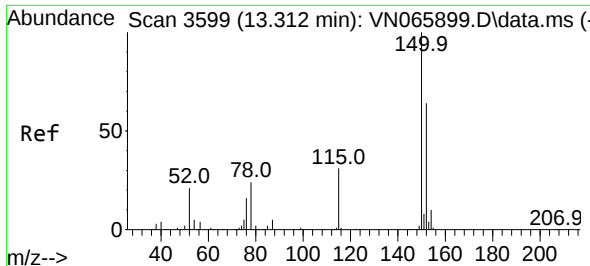
Tgt Ion: 95 Resp: 120656
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 68.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion: 117 Resp: 265925
Ion Ratio Lower Upper
117 100
82 58.3 43.7 65.5
119 31.9 26.1 39.1

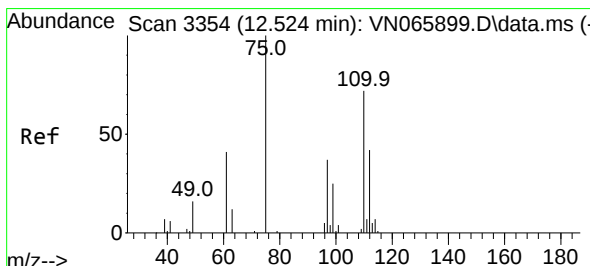
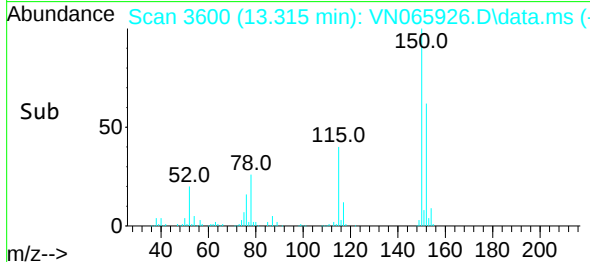
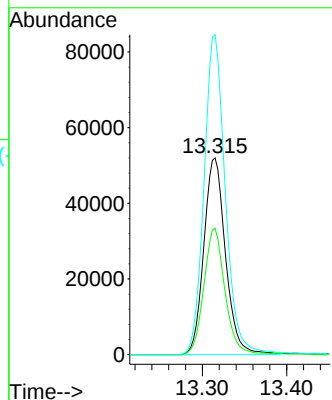
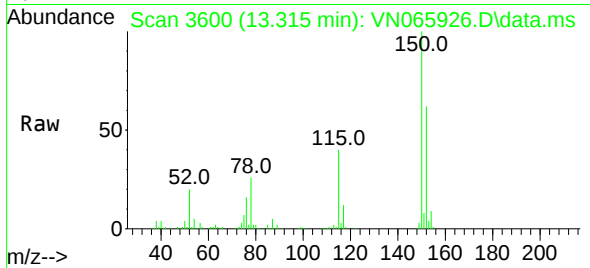




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

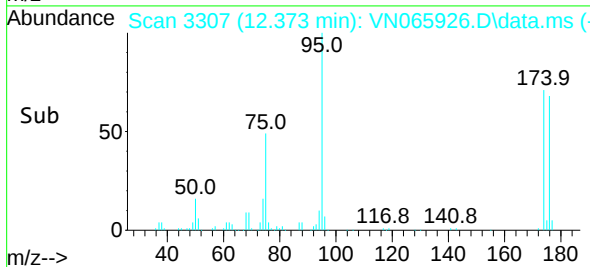
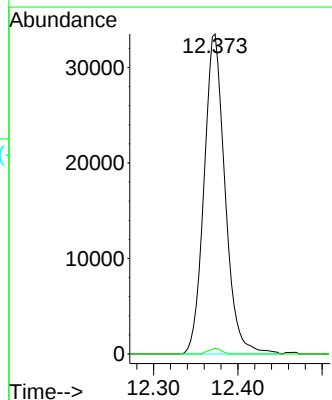
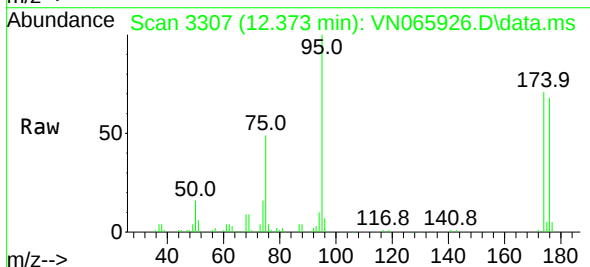
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178S-GW-20210211

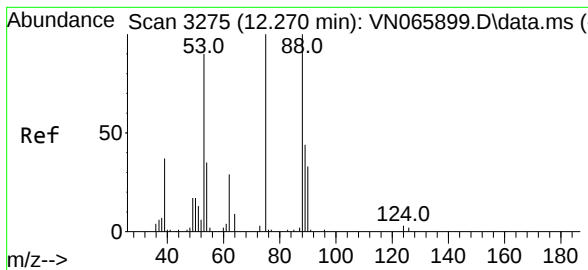
Tgt Ion:152 Resp: 93306
Ion Ratio Lower Upper
152 100
115 62.4 28.5 85.6
150 160.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.97 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065926.D
Acq: 18 Feb 2021 5:02

Tgt Ion: 75 Resp: 58222
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.78 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065926.D
 Acq: 18 Feb 2021 5:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW178S-GW-20210211

Tgt Ion: 75 Resp: 58222
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

