

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065925.D
 Acq On : 18 Feb 2021 4:37
 Operator : JC/MD
 Sample : M1418-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW178I-GW-20210210

Quant Time: Feb 18 05:00:39 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)

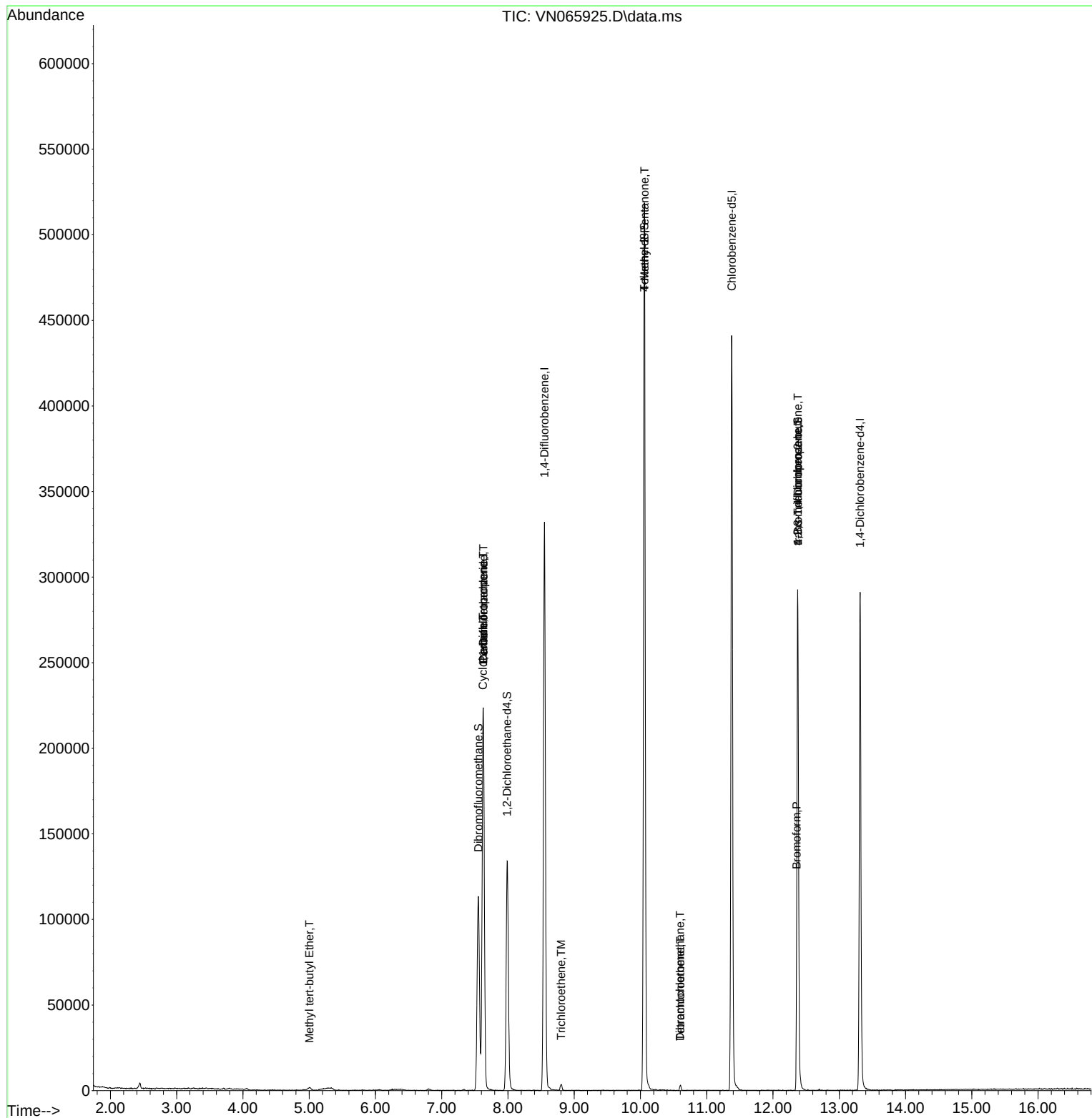
Internal Standards						
1) Pentafluorobenzene	7.627	168	178240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	303927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	265750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	86945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	117333	47.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.14%		
35) Dibromofluoromethane	7.553	113	89909	47.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.60%		
50) Toluene-d8	10.058	98	374781	48.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.08%		
62) 4-Bromofluorobenzene	12.373	95	114707	39.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	79.14%		
Target Compounds						
16) Acetone	3.782	43	485	Below Cal	#	41
19) Methyl tert-butyl Ether	5.000	73	2974	0.46 ug/l	#	88
31) Cyclohexane	7.621	56	3488	0.94 ug/l	#	1
36) 1,1-Dichloropropene	7.624	75	13704	4.57 ug/l	#	48
38) Carbon Tetrachloride	7.627	117	17602	6.32 ug/l	#	16
44) Trichloroethene	8.804	130	1425	0.63 ug/l	#	97
51) 4-Methyl-2-Pentanone	10.061	43	1472	0.56 ug/l	#	1
60) Dibromochloromethane	10.598	129	705	0.33 ug/l	#	11
64) Tetrachloroethene	10.601	164	877	0.43 ug/l	#	88
71) Bromoform	12.357	173	45	2.53 ug/l	#	1
76) 1,2,3-Trichloropropane	12.373	75	55914	26.77 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.373	75	55914	85.31 ug/l	#	12

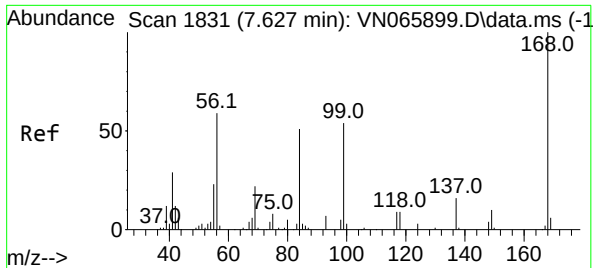
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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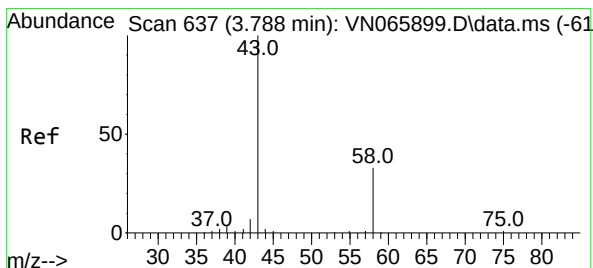
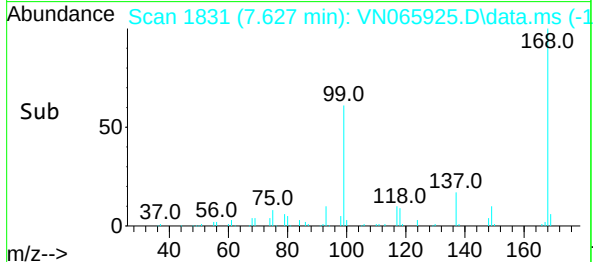
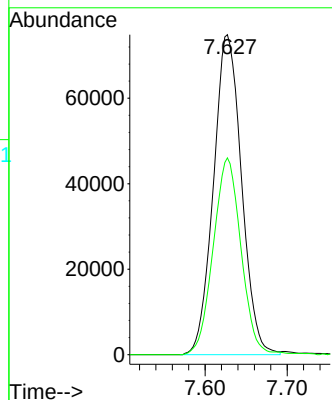
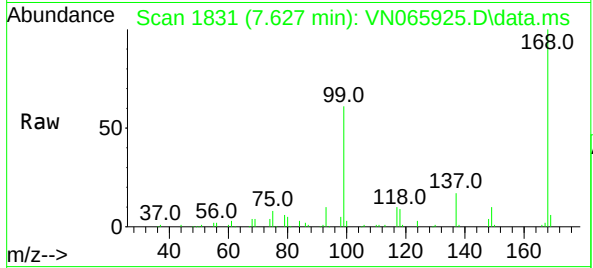




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

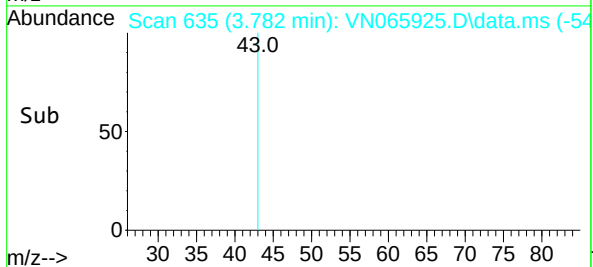
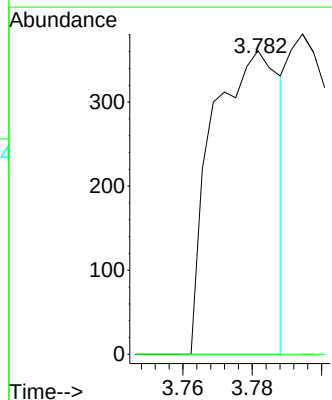
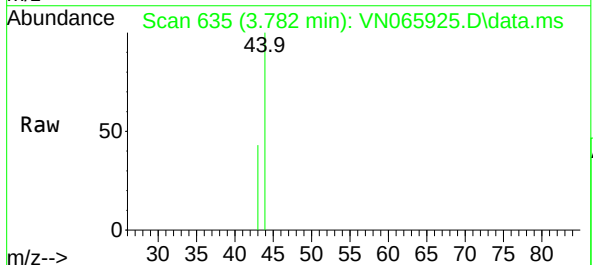
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I-GW-20210210

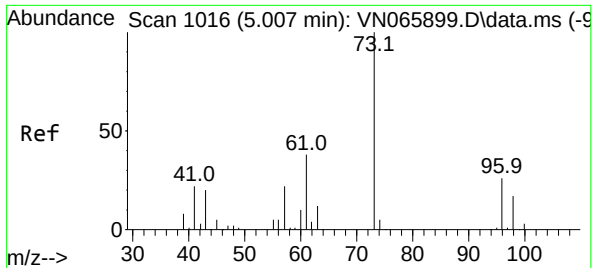
Tgt Ion:168 Resp: 178240
Ion Ratio Lower Upper
168 100
99 61.5 42.6 63.8



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.006 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

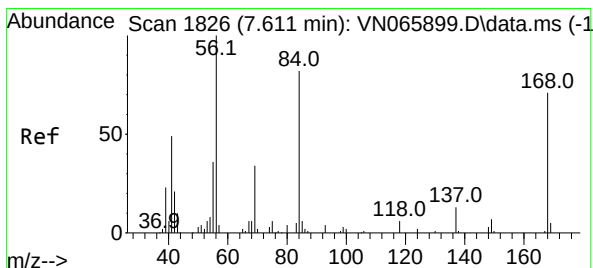
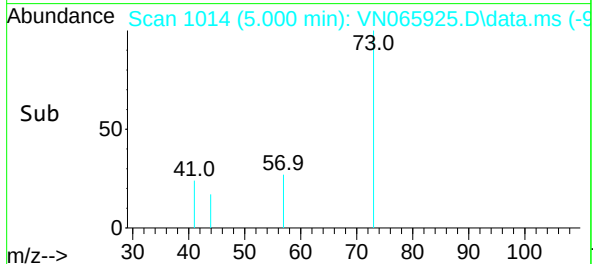
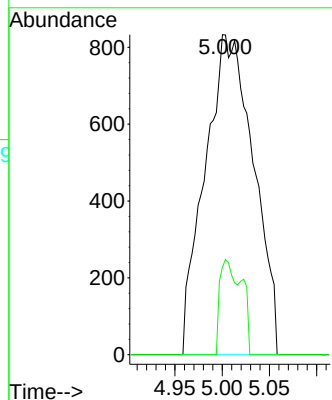
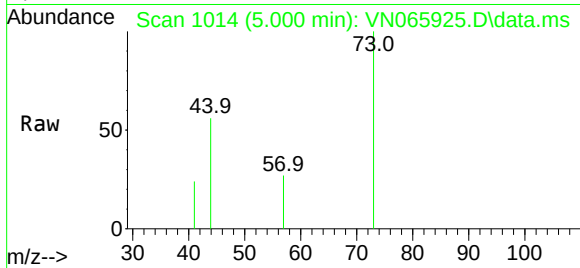




#19
Methyl tert-butyl Ether
Concen: 0.46 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. -0.007 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

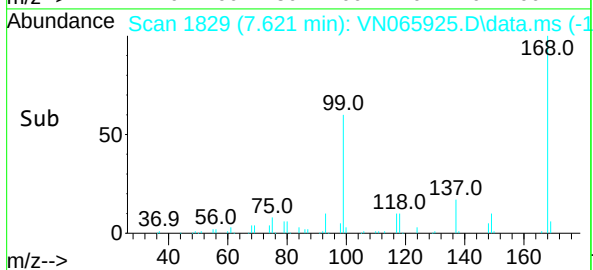
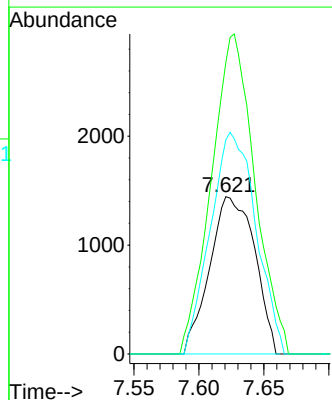
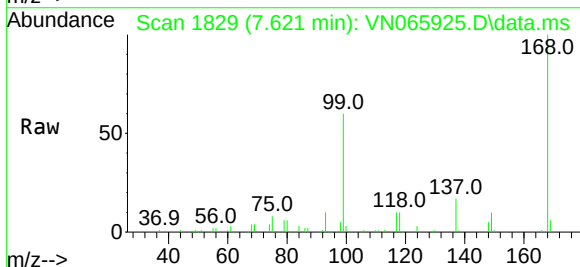
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I-GW-20210210

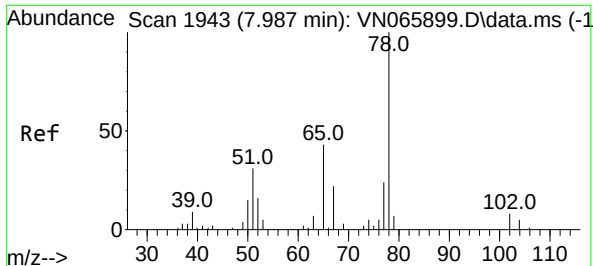
Tgt Ion: 73 Resp: 2974
Ion Ratio Lower Upper
73 100
57 27.4 17.3 25.9#



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion: 56 Resp: 3488
Ion Ratio Lower Upper
56 100
69 185.2 26.6 39.8#
84 136.2 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 47.07 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065925.D

Acq: 18 Feb 2021 4:37

Tgt Ion: 65 Resp: 117333

Ion Ratio Lower Upper

65 100

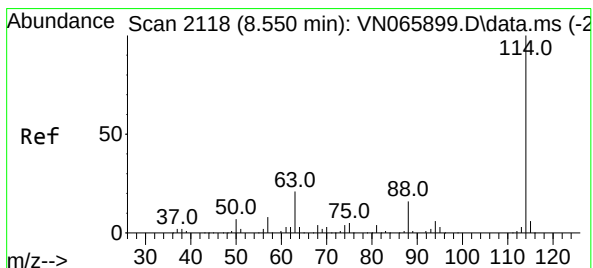
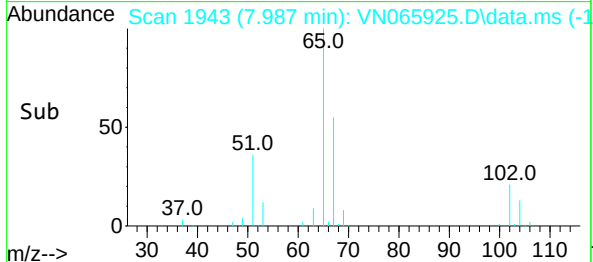
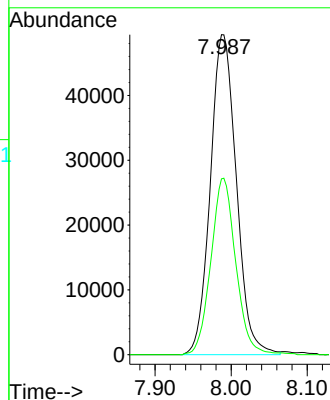
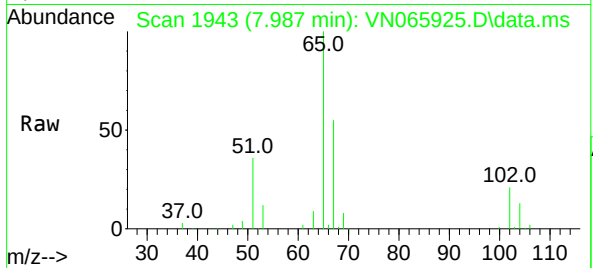
67 52.8 0.0 107.2

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW178I-GW-20210210



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. -0.000 min

Lab File: VN065925.D

Acq: 18 Feb 2021 4:37

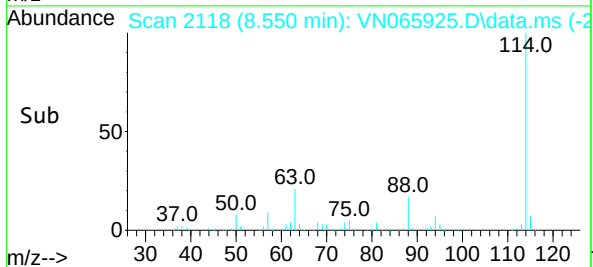
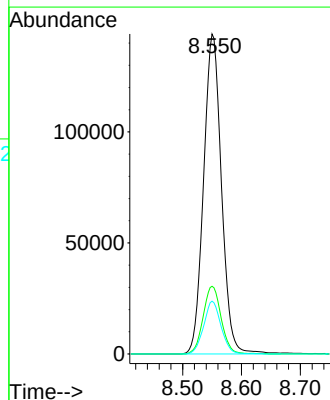
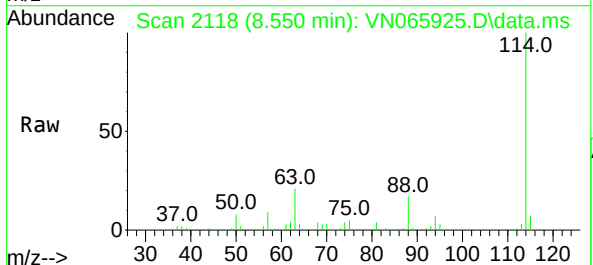
Tgt Ion: 114 Resp: 303927

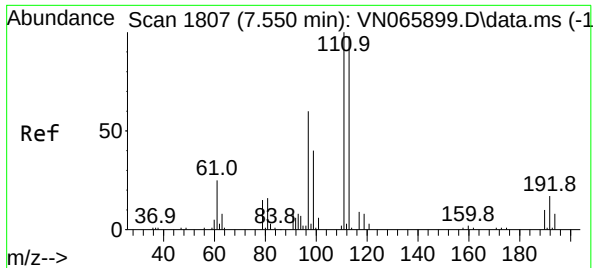
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.6

88 16.5 0.0 30.6

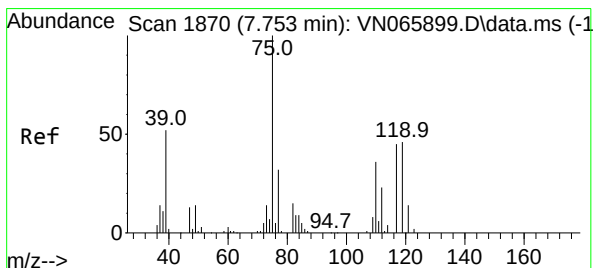
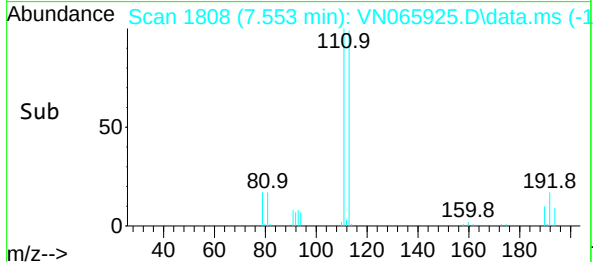
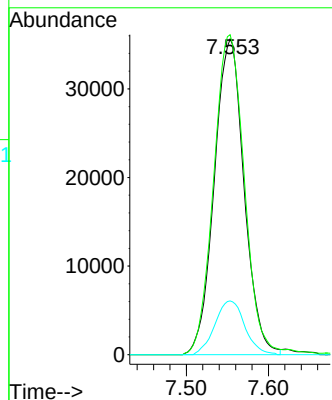
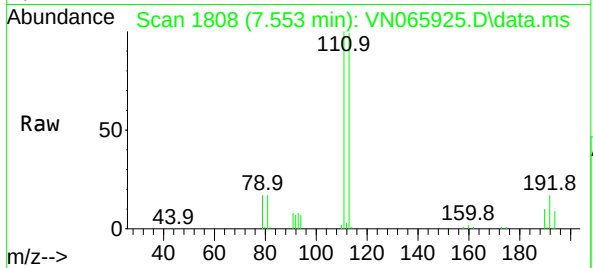




#35
Dibromofluoromethane
Concen: 47.80 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

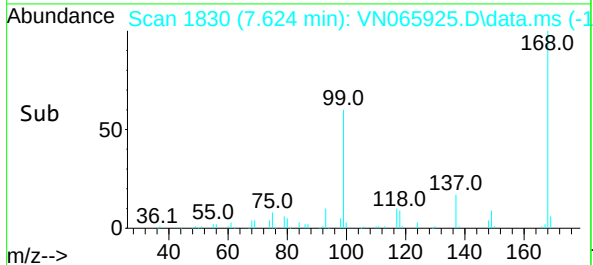
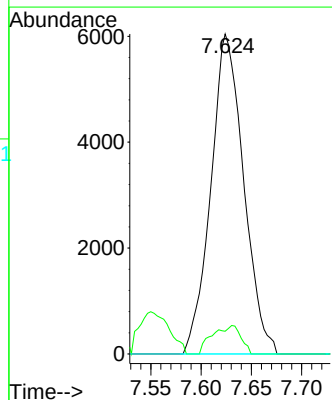
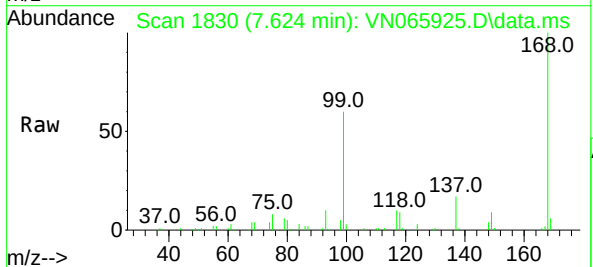
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I-GW-20210210

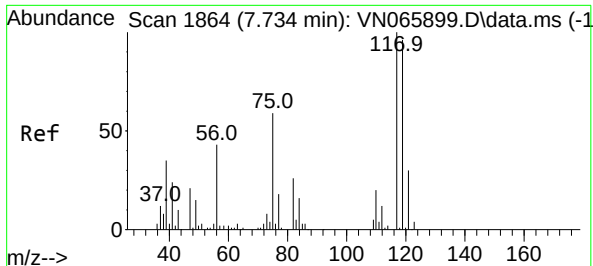
Tgt Ion:113 Resp: 89909
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 17.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

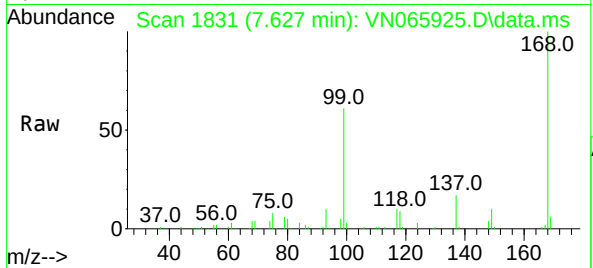
Tgt Ion: 75 Resp: 13704
Ion Ratio Lower Upper
75 100
110 7.7 18.2 54.6#
77 0.0 24.9 37.3#



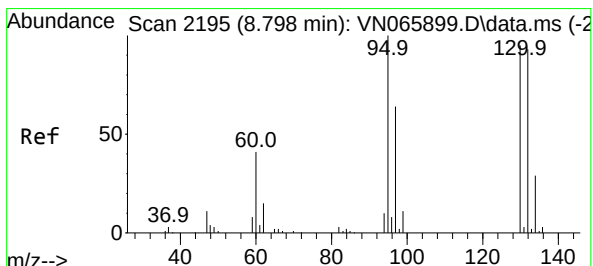
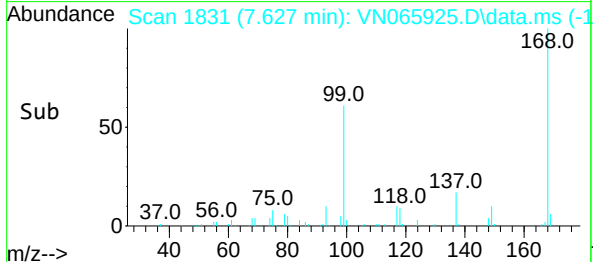
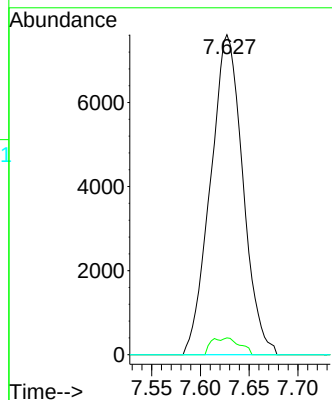


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Instrument :
MSVOA_N
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BP-TT-MW178I-GW-20210210

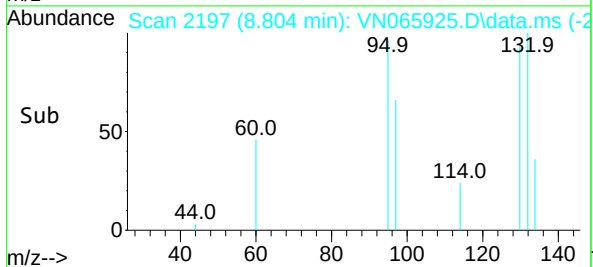
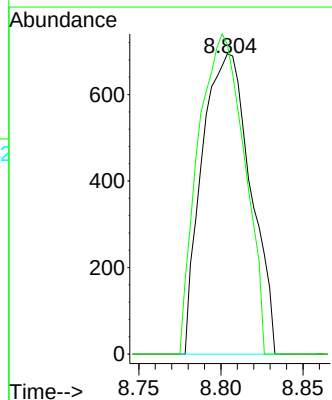
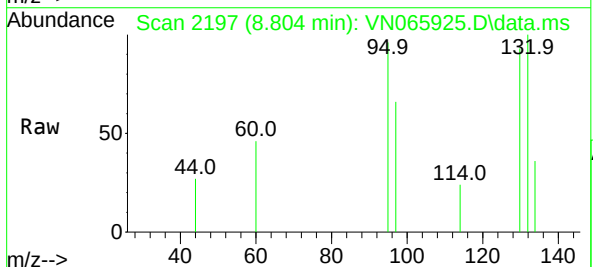


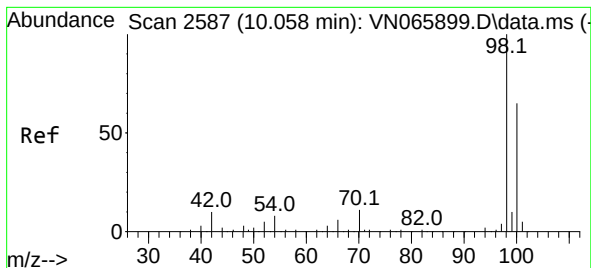
Tgt Ion:117 Resp: 17602
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.63 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.006 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion:130 Resp: 1425
Ion Ratio Lower Upper
130 100
95 103.2 0.0 199.6

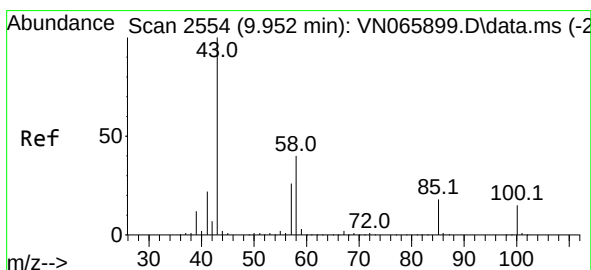
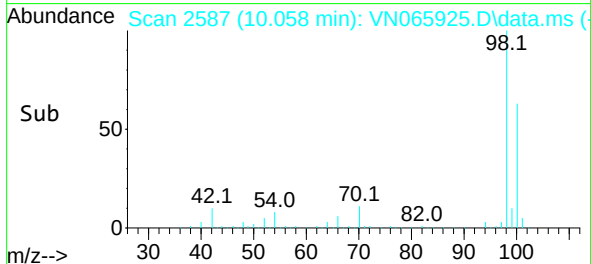
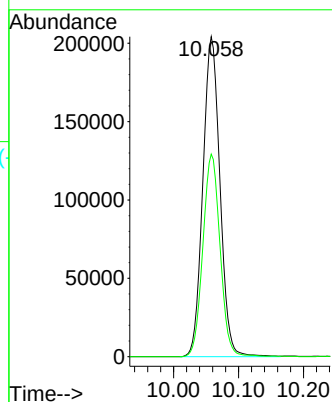
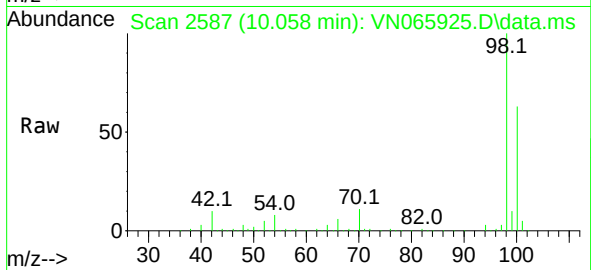




#50
Toluene-d8
Concen: 48.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

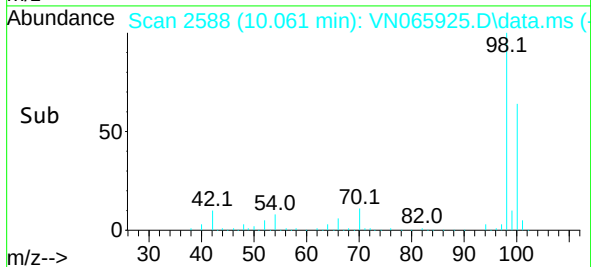
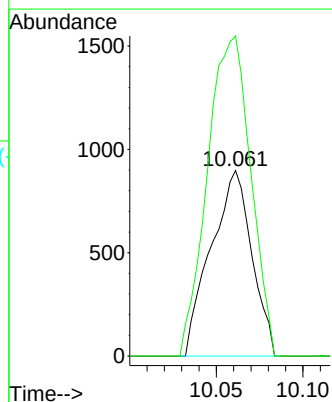
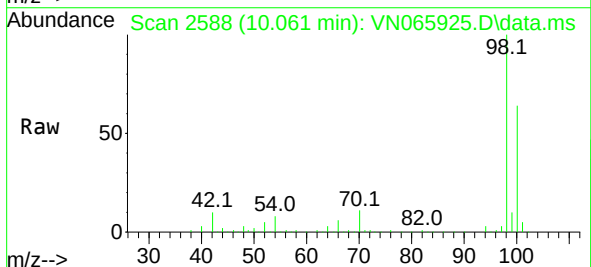
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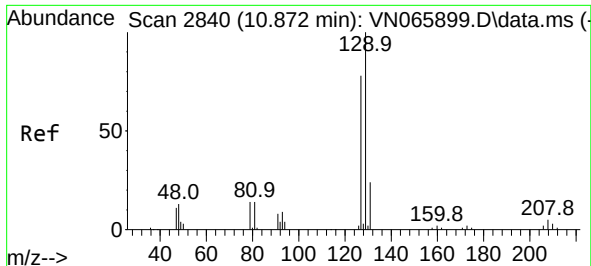
Tgt Ion: 98 Resp: 374781
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.109 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 182.7 32.5 48.7#

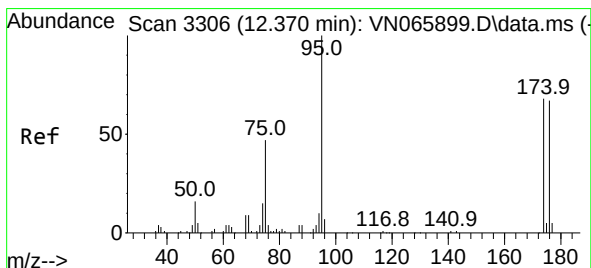
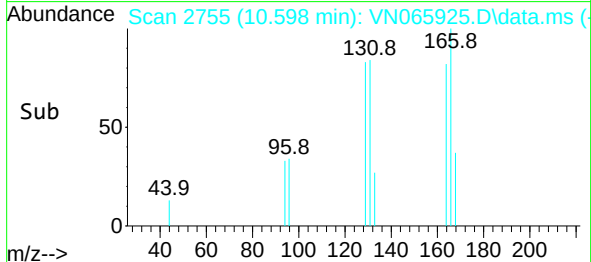
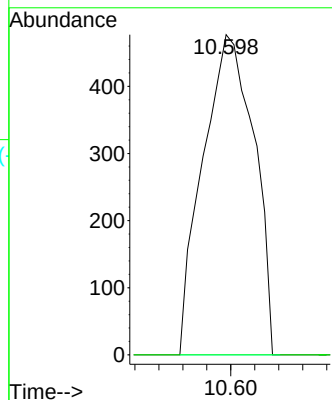
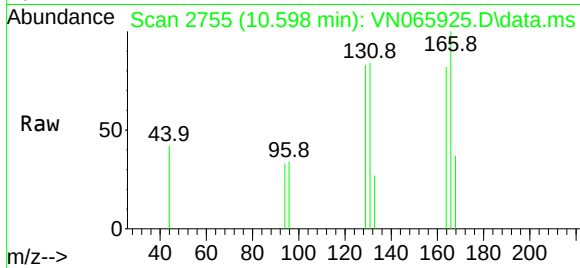




#60
Dibromochloromethane
Concen: 0.33 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.274 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

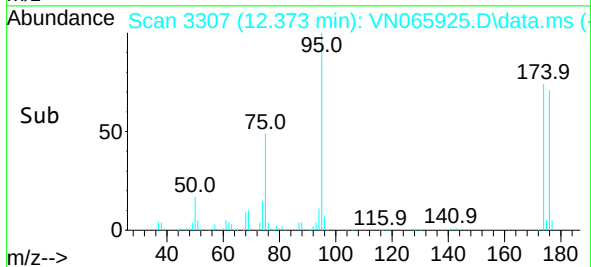
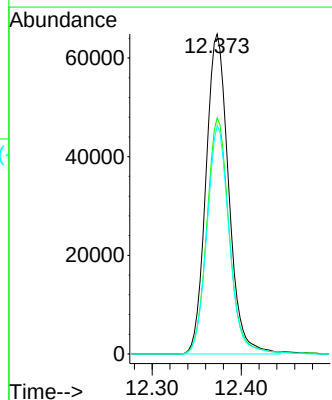
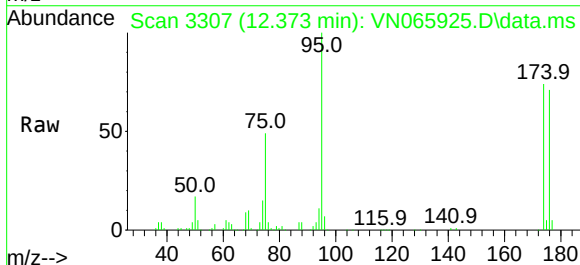
Instrument :
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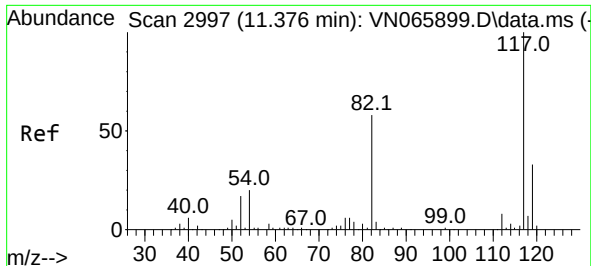
Tgt Ion:129 Resp: 705
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 39.57 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion: 95 Resp: 114707
Ion Ratio Lower Upper
95 100
174 73.2 0.0 169.0
176 70.1 0.0 162.4

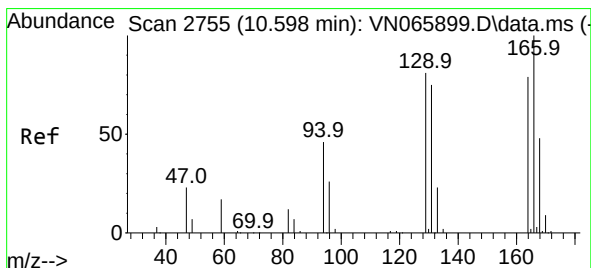
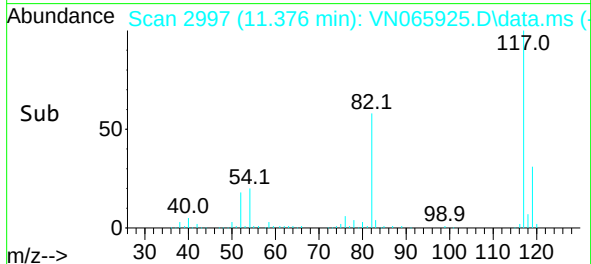
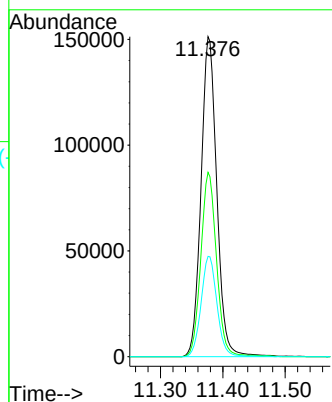
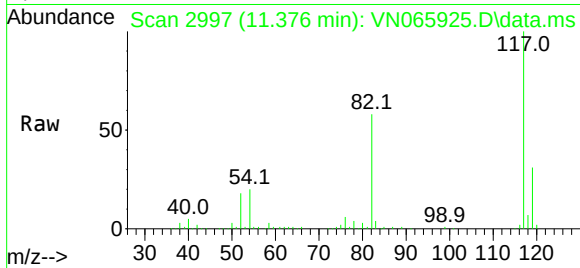




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

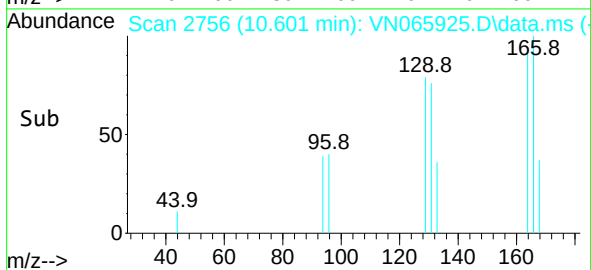
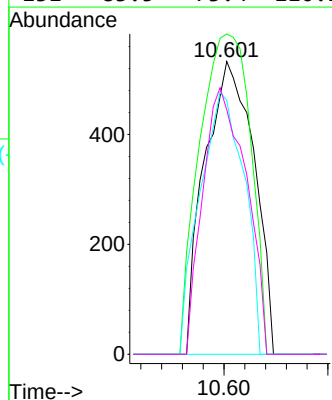
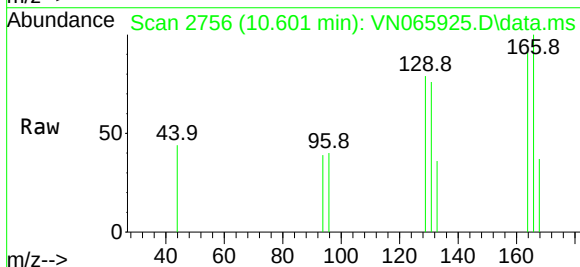
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I-GW-20210210

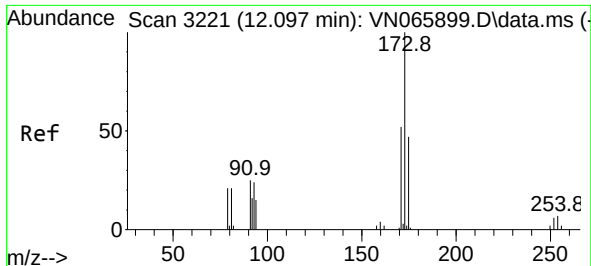
Tgt Ion:117 Resp: 265750
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 31.3 26.1 39.1



#64
Tetrachloroethene
Concen: 0.43 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

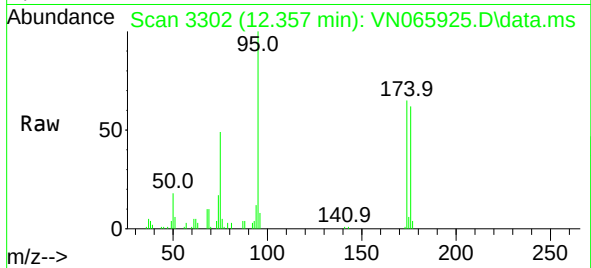
Tgt Ion:164 Resp: 877
Ion Ratio Lower Upper
164 100
166 109.4 102.6 154.0
129 86.7 76.2 114.4
131 83.5 73.4 110.2



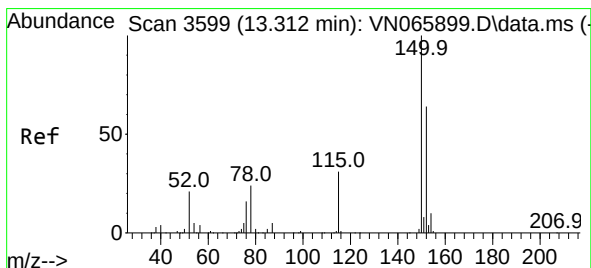
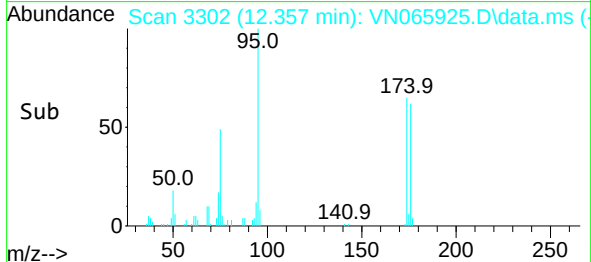
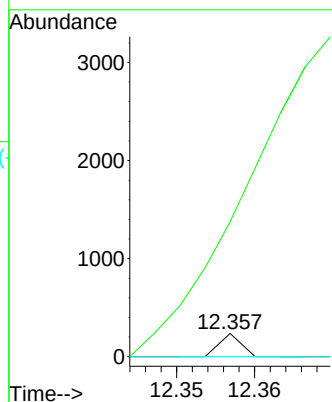


#71
Bromoform
Concen: 2.53 ug/l
RT: 12.357 min Scan# 3302
Delta R.T. 0.260 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I-GW-20210210

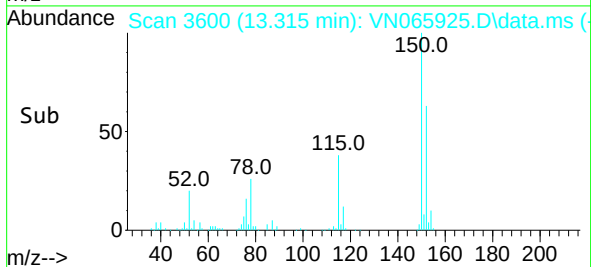
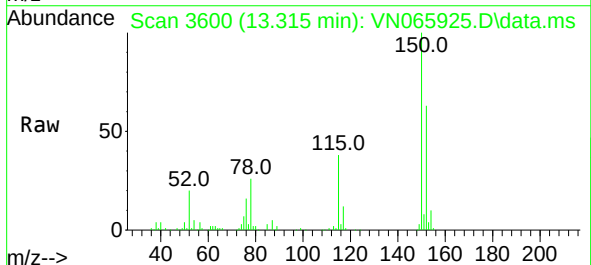
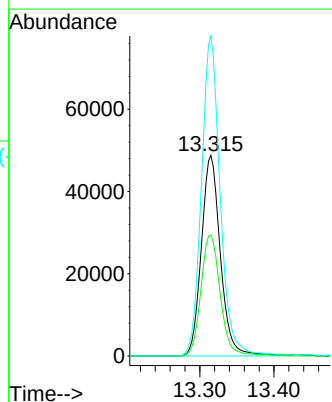


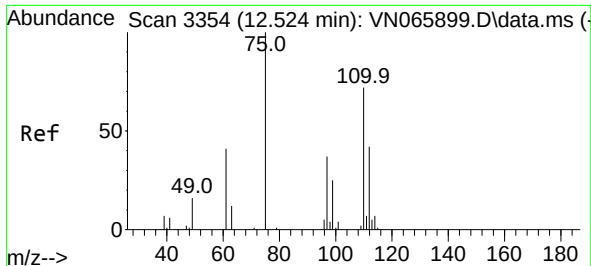
Tgt Ion:173 Resp: 45
Ion Ratio Lower Upper
173 100
175 11113.3 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion:152 Resp: 86945
Ion Ratio Lower Upper
152 100
115 60.9 28.5 85.6
150 157.0 0.0 347.6

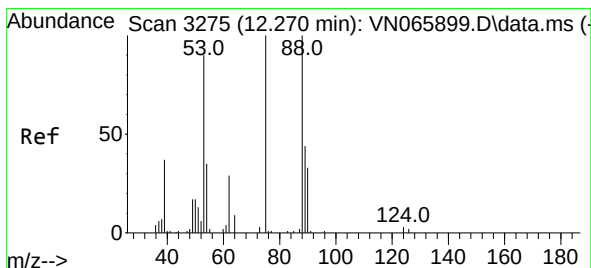
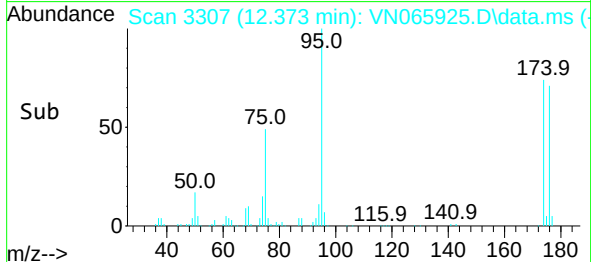
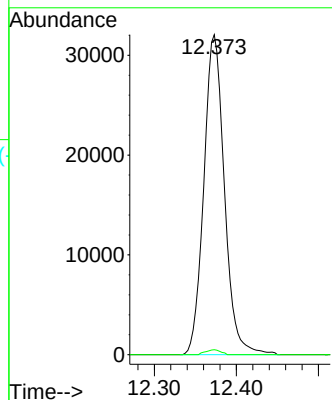
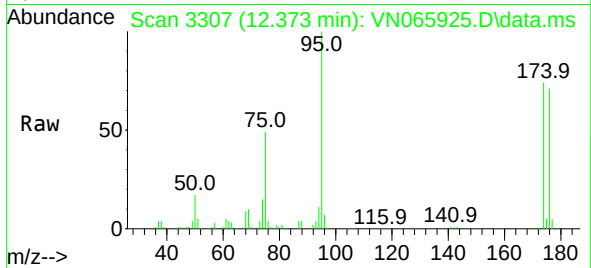




#76
1,2,3-Trichloropropane
Concen: 26.77 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I-GW-20210210

Tgt Ion: 75 Resp: 55914
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.31 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065925.D
Acq: 18 Feb 2021 4:37

Tgt Ion: 75 Resp: 55914
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

