

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065927.D
 Acq On : 18 Feb 2021 5:27
 Operator : JC/MD
 Sample : M1418-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW17811-GW-20210212

Quant Time: Feb 18 05:53:51 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)

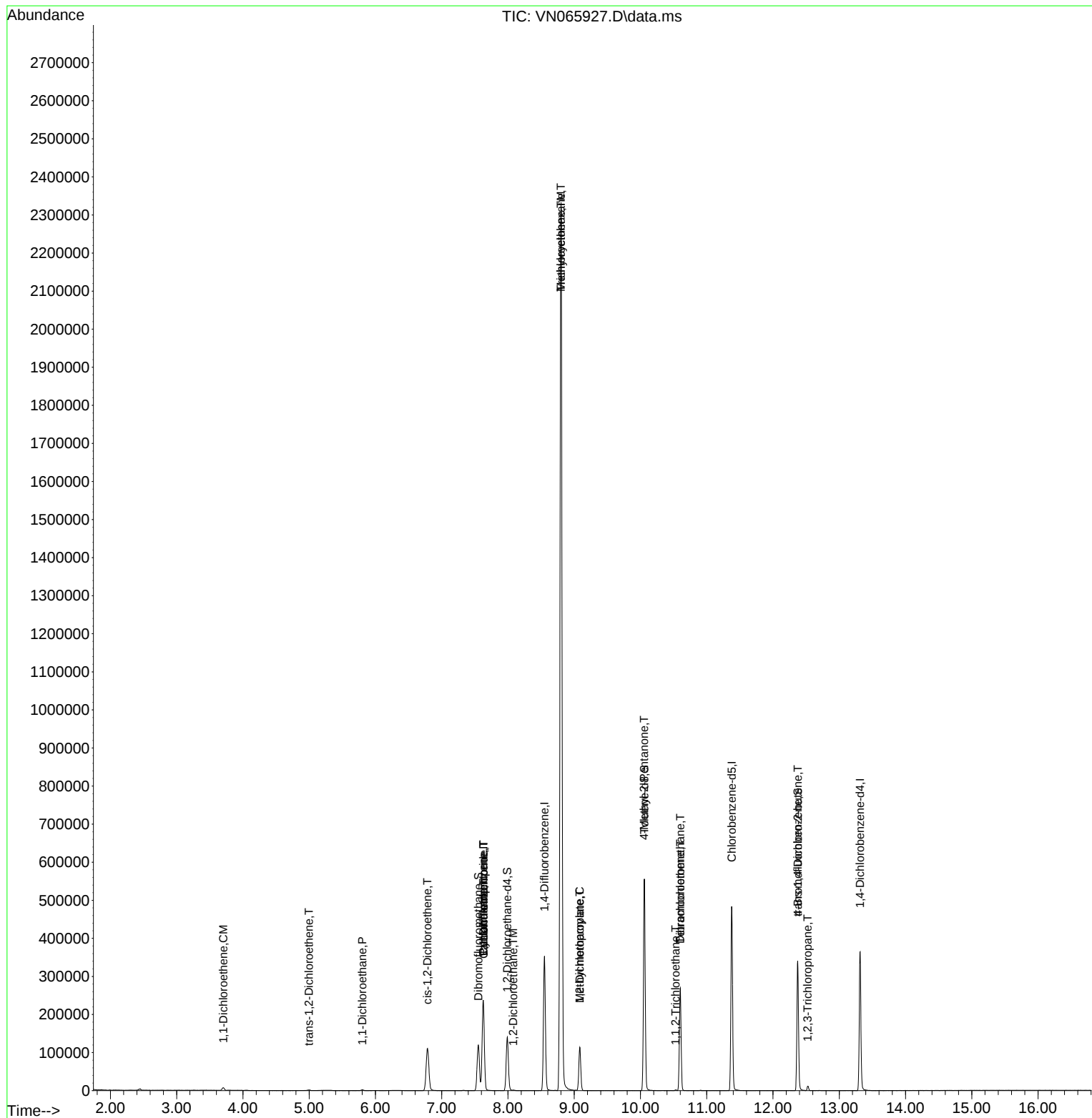
Internal Standards						
1) Pentafluorobenzene	7.627	168	188466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	321588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	290851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	104890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	124850	47.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.74%		
35) Dibromofluoromethane	7.553	113	96653	48.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.12%		
50) Toluene-d8	10.058	98	397220	48.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.24%		
62) 4-Bromofluorobenzene	12.373	95	132087	43.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.14%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	3.704	96	3810	1.80	ug/l	94
16) Acetone	3.785	43	853	Below Cal	#	41
21) trans-1,2-Dichloroethene	4.994	96	1075	0.48	ug/l	94
24) 1,1-Dichloroethane	5.801	63	3819	0.91	ug/l #	87
27) cis-1,2-Dichloroethene	6.785	96	77253	30.48	ug/l	97
31) Cyclohexane	7.627	56	3742	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	15119	4.77	ug/l #	47
38) Carbon Tetrachloride	7.630	117	18985	6.44	ug/l #	17
39) Methylcyclohexane	8.801	83	10563	2.96	ug/l #	1
42) 1,2-Dichloroethane	8.081	62	1285	0.40	ug/l #	74
44) Trichloroethene	8.801	130	893374	371.29	ug/l	98
45) 1,2-Dichloropropane	9.084	63	49643	19.93	ug/l	99
48) Methyl methacrylate	9.084	41	25750	11.14	ug/l #	34
51) 4-Methyl-2-Pentanone	10.055	43	1430	0.51	ug/l #	1
55) 1,1,2-Trichloroethane	10.531	97	734	0.33	ug/l #	89
60) Dibromochloromethane	10.601	129	61823	27.05	ug/l #	11
64) Tetrachloroethene	10.601	164	62444	27.81	ug/l	94
76) 1,2,3-Trichloropropane	12.524	75	6063	2.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64333	81.37	ug/l #	12

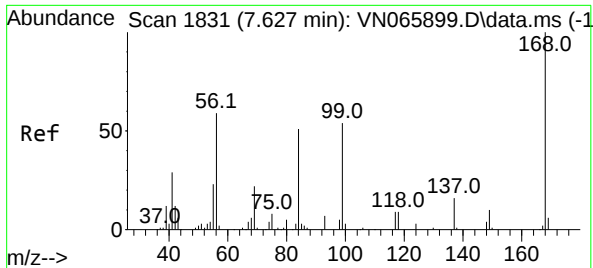
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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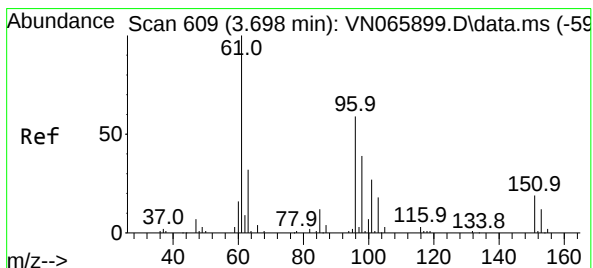
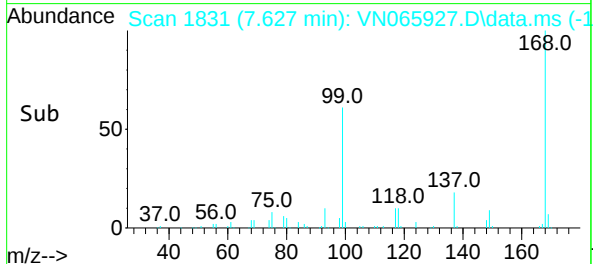
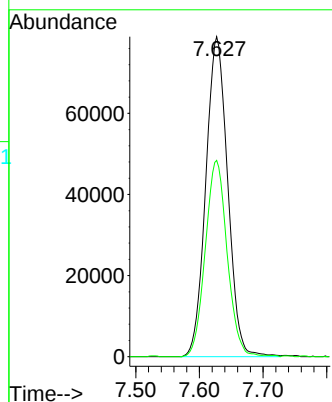
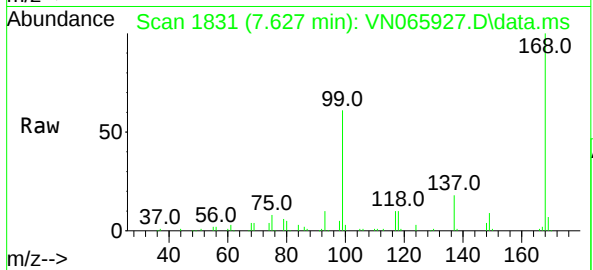




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

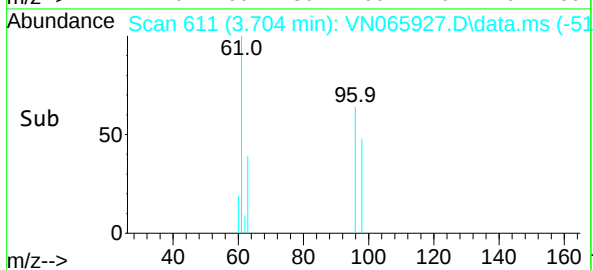
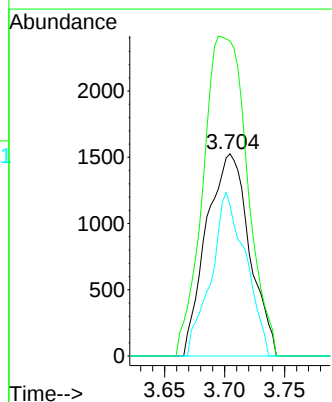
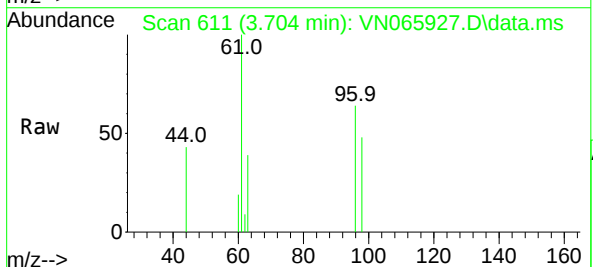
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I1-GW-20210212

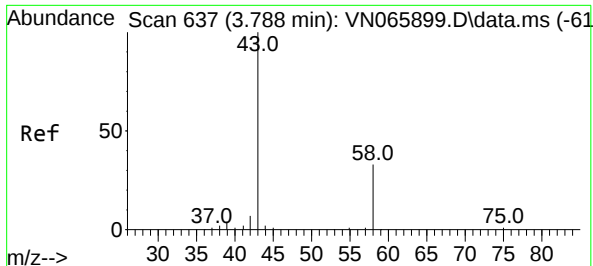
Tgt Ion:168 Resp: 188466
Ion Ratio Lower Upper
168 100
99 61.4 42.6 63.8



#12
1,1-Dichloroethene
Concen: 1.80 ug/l
RT: 3.704 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 96 Resp: 3810
Ion Ratio Lower Upper
96 100
61 155.7 122.5 183.7
98 74.8 50.8 76.2

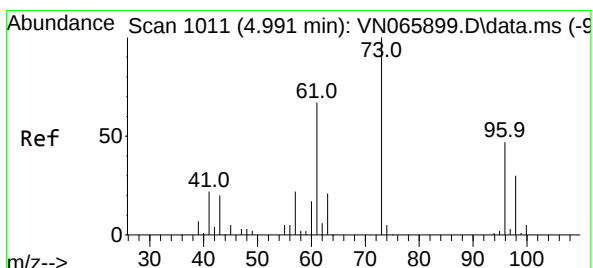
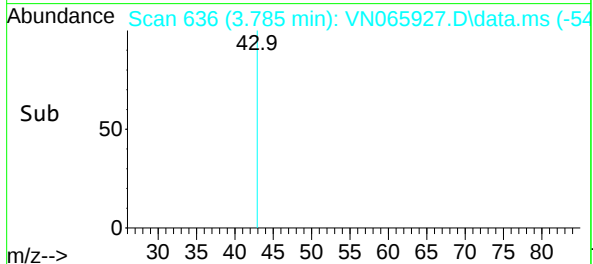
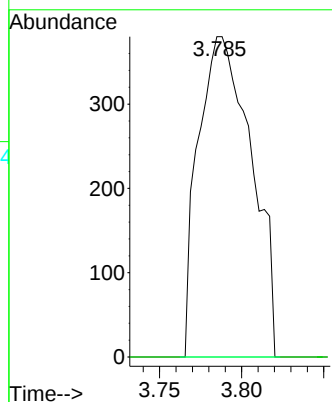
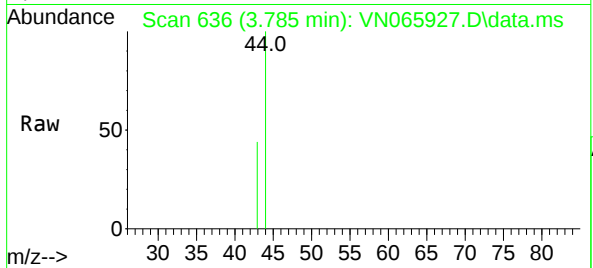




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

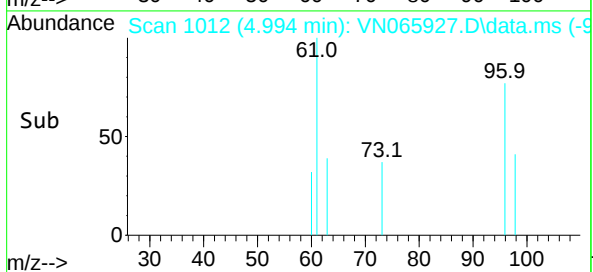
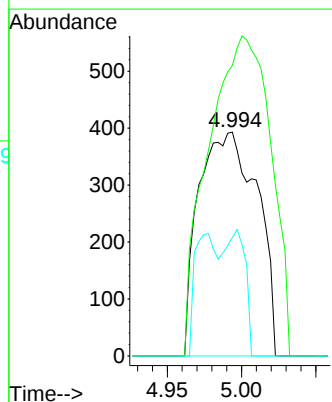
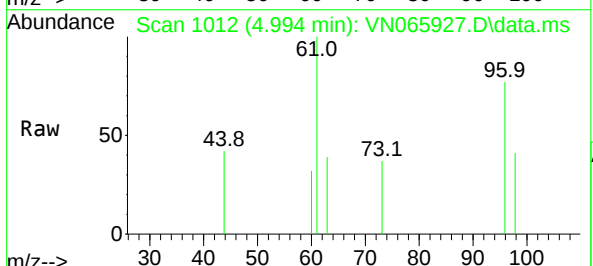
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

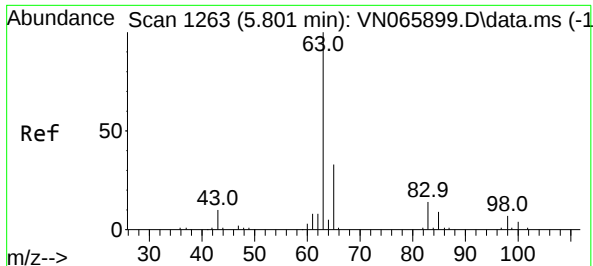
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#21
trans-1,2-Dichloroethene
Concen: 0.48 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. 0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 129.8 104.9 157.3
98 52.9 51.8 77.8





#24

1,1-Dichloroethane

Concen: 0.91 ug/l

RT: 5.801 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VN065927.D

Acq: 18 Feb 2021 5:27

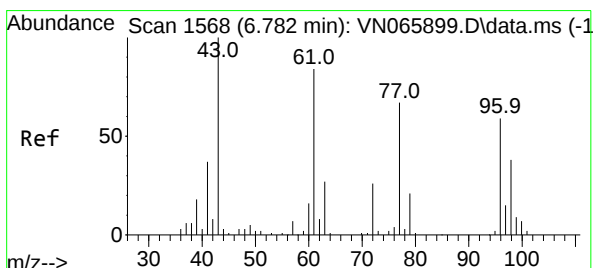
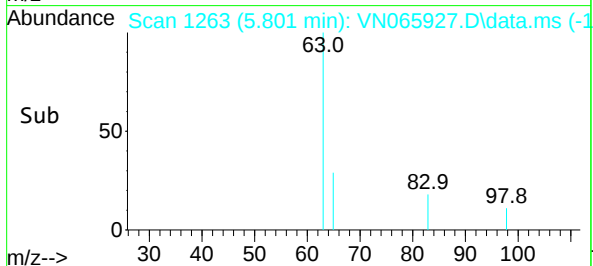
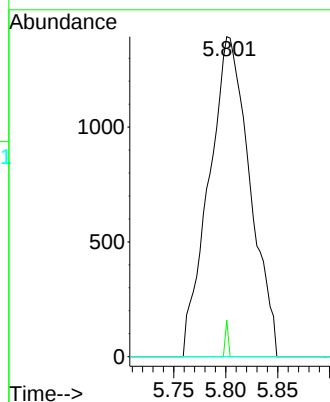
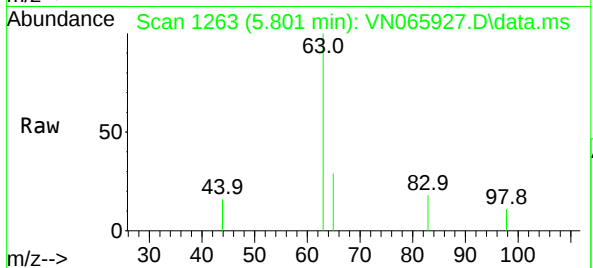
Tgt Ion:	63	Resp:	3819
Ion	Ratio	Lower	Upper
63	100		
98	11.4	3.5	10.4#
100	0.0	2.3	6.9#

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW17811-GW-20210212



#27

cis-1,2-Dichloroethene

Concen: 30.48 ug/l

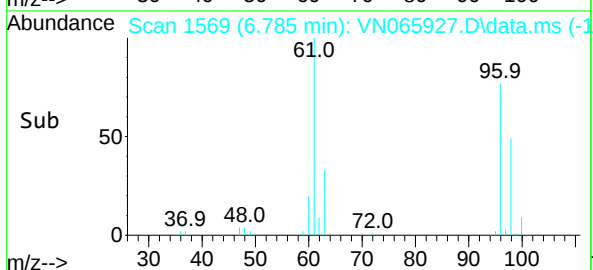
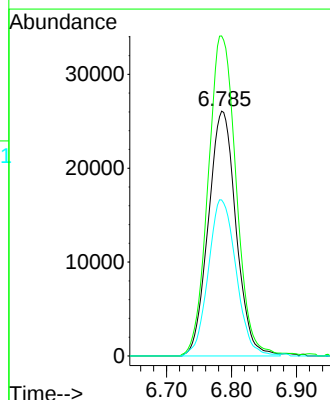
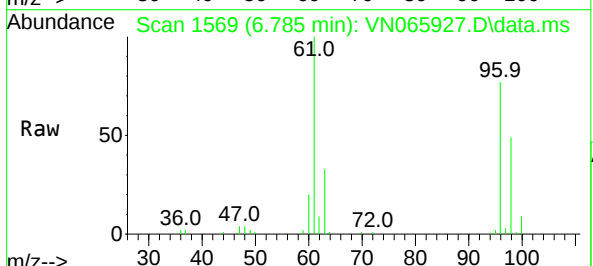
RT: 6.785 min Scan# 1569

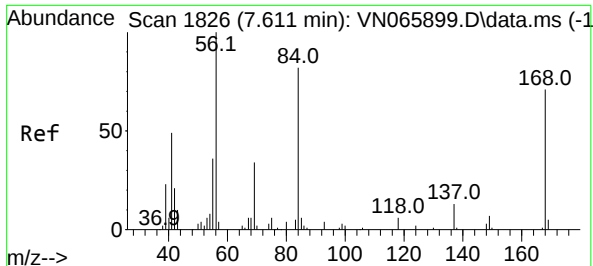
Delta R.T. 0.003 min

Lab File: VN065927.D

Acq: 18 Feb 2021 5:27

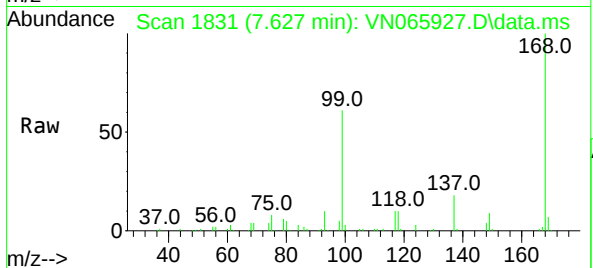
Tgt Ion:	96	Resp:	77253
Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	276.8
98	64.1	0.0	129.4



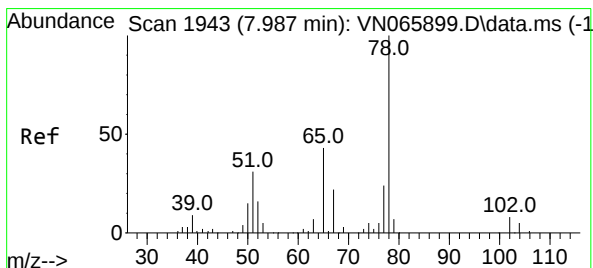
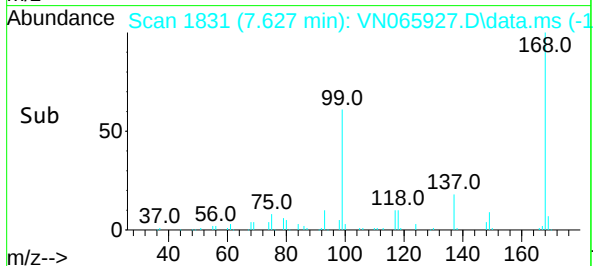
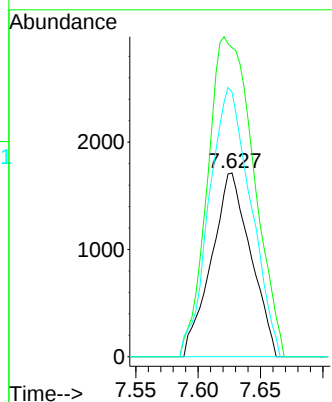


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

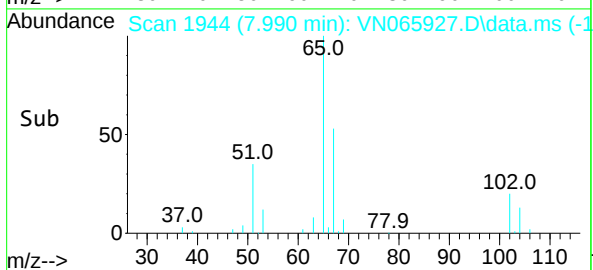
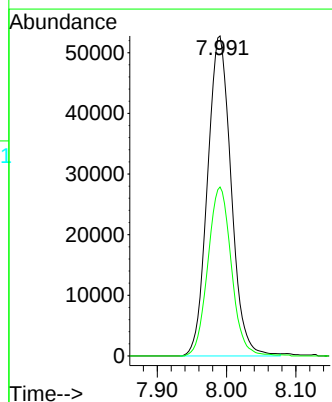
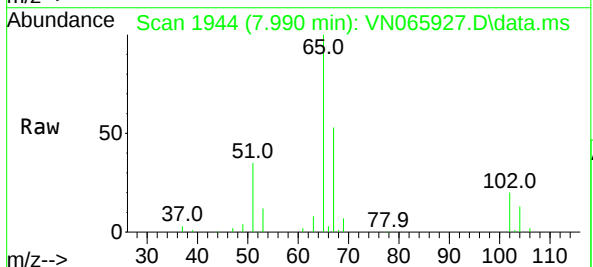


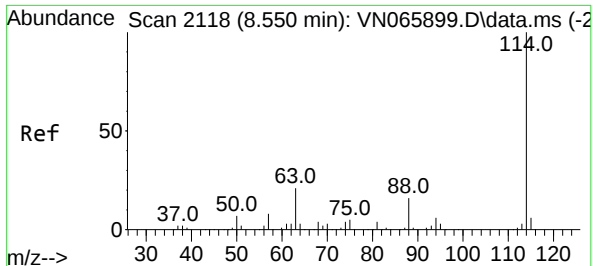
Tgt Ion: 56 Resp: 3742
Ion Ratio Lower Upper
56 100
69 168.2 26.6 39.8#
84 144.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.37 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 65 Resp: 124850
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.2

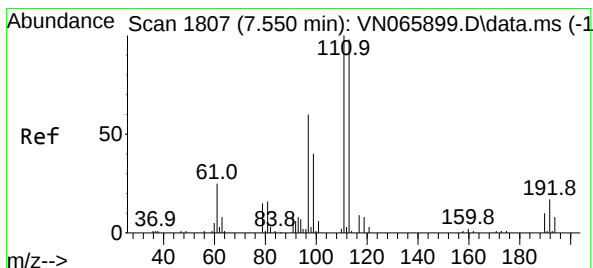
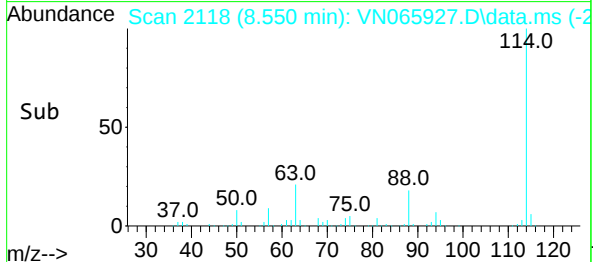
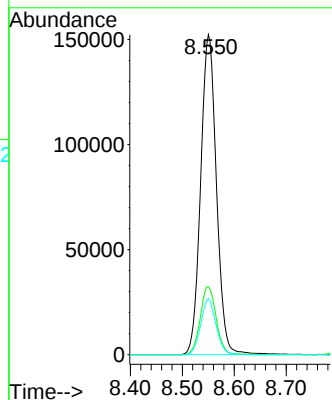
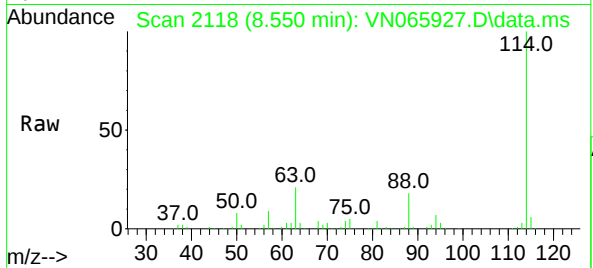




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

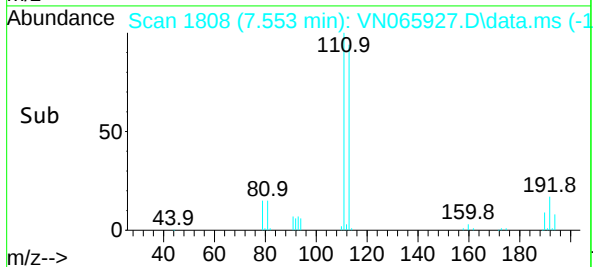
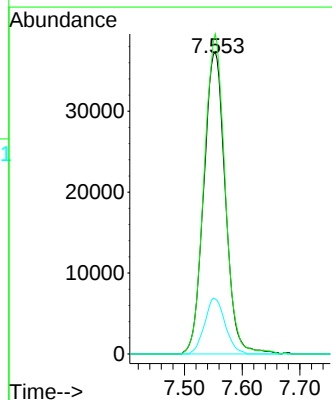
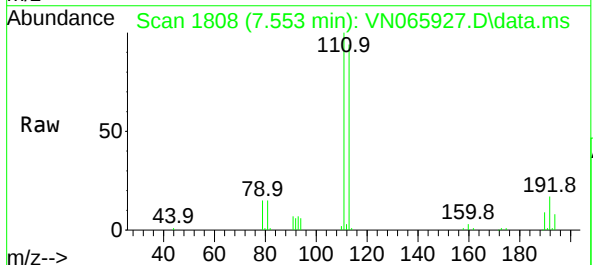
Instrument :
MSVOA_N
ClientSampleId :
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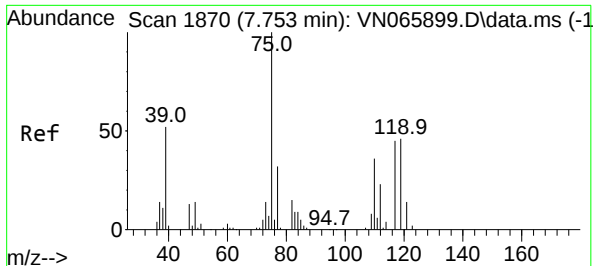
Tgt Ion:	114	Resp:	321588
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	38.6
88	17.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.56 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion:	113	Resp:	96653
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.2
192	17.6	15.4	23.0

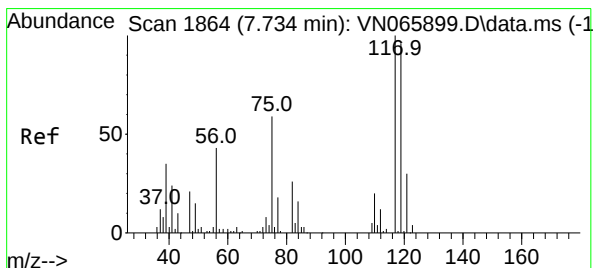
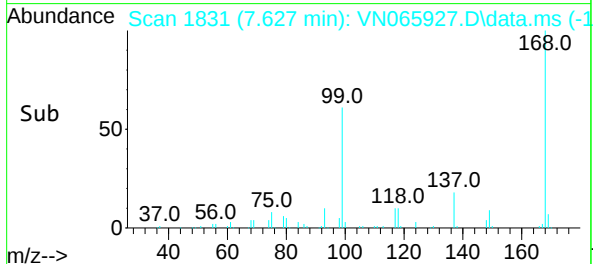
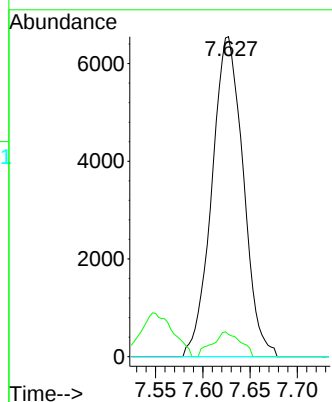
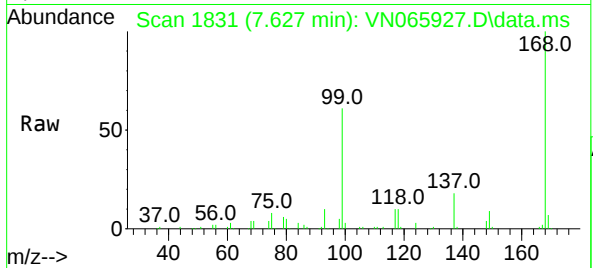




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

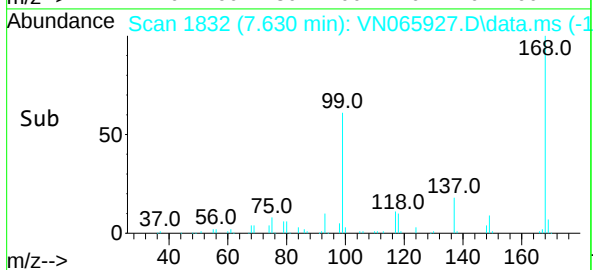
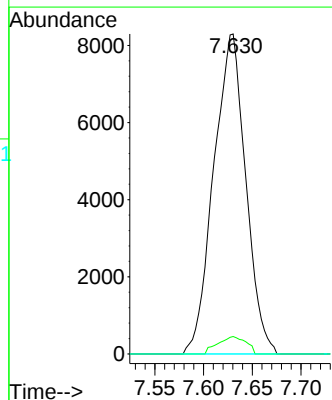
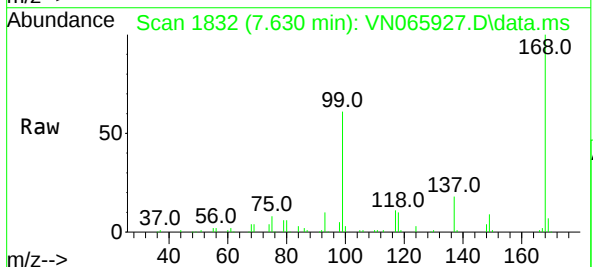
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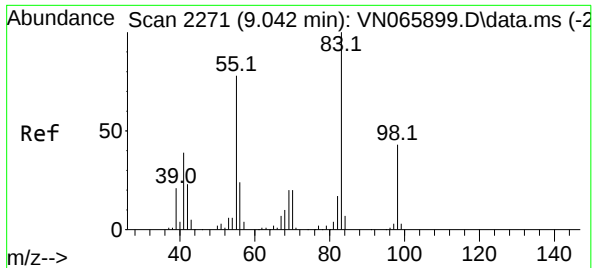
Tgt Ion: 75 Resp: 15119
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.44 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 117 Resp: 18985
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.5 36.7#

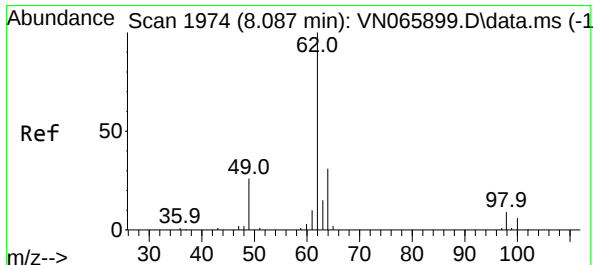
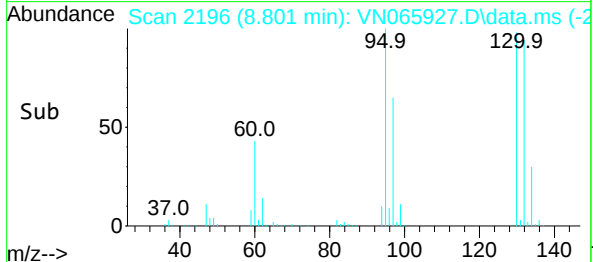
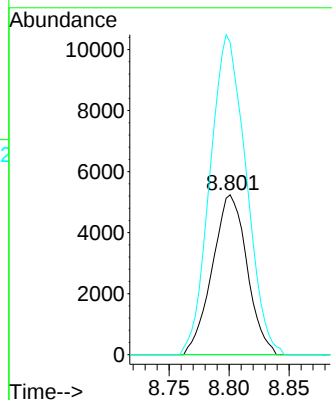
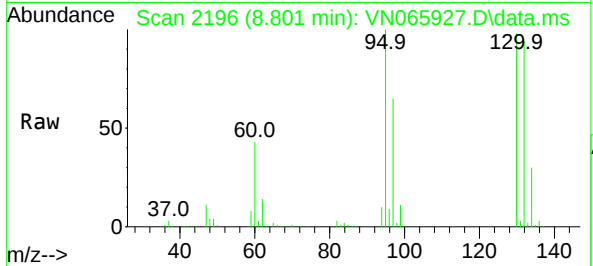




#39
Methylcyclohexane
Concen: 2.96 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.241 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

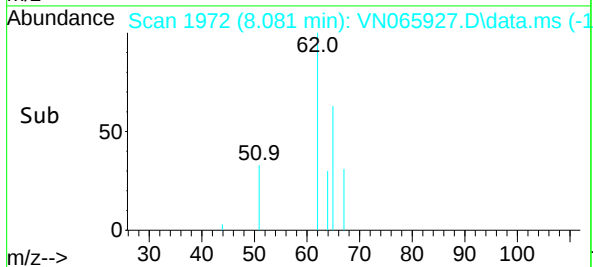
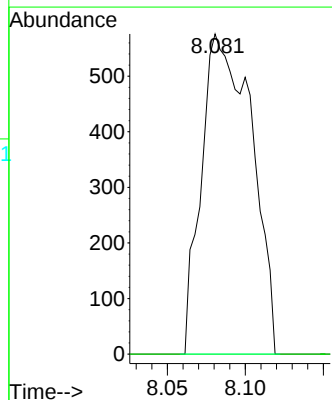
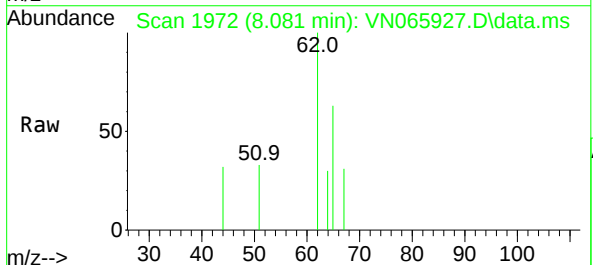
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

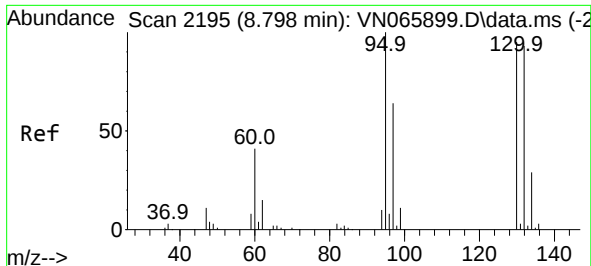
Tgt Ion: 83 Resp: 10563
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 195.5 35.9 53.9#



#42
1,2-Dichloroethane
Concen: 0.40 ug/l
RT: 8.081 min Scan# 1972
Delta R.T. -0.006 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 62 Resp: 1285
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6

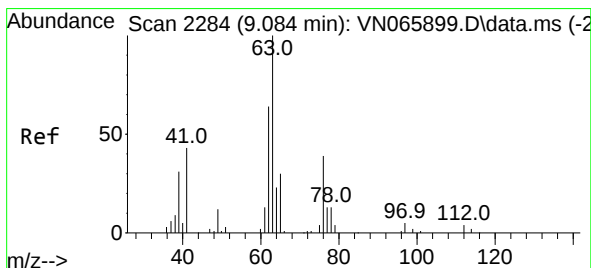
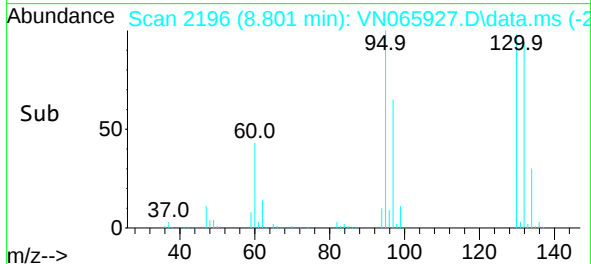
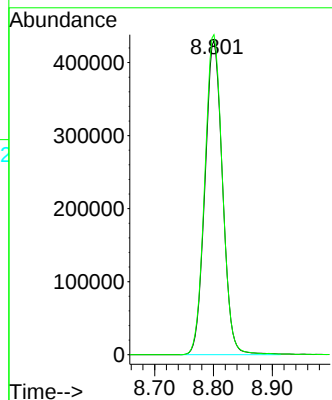
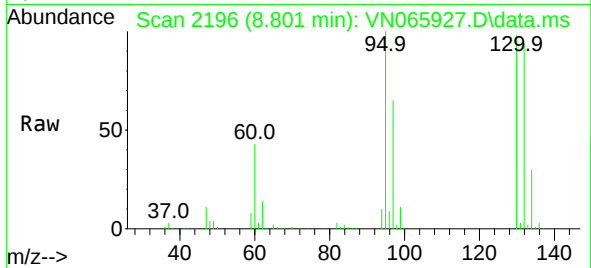




#44
Trichloroethene
Concen: 371.29 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

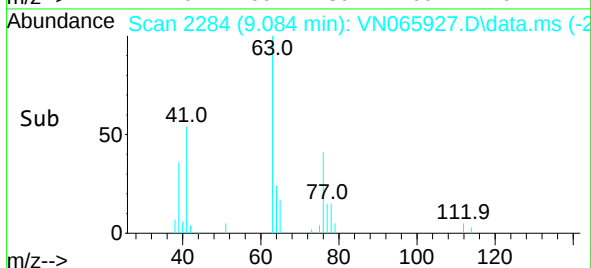
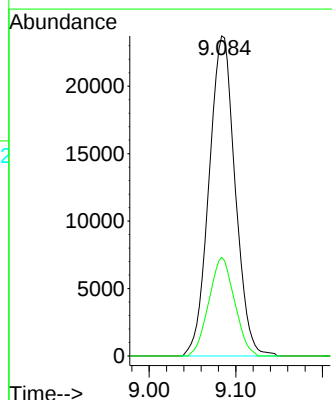
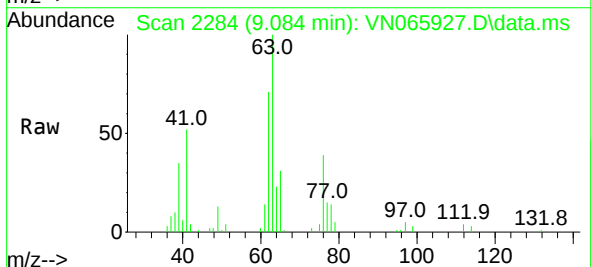
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

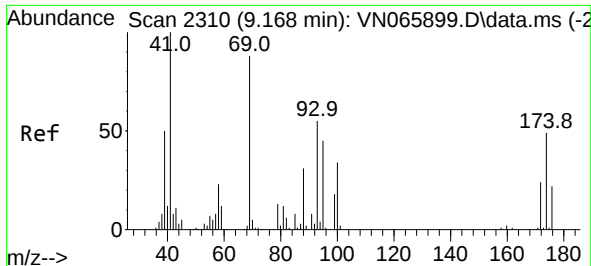
Tgt Ion:130 Resp: 893374
Ion Ratio Lower Upper
130 100
95 101.9 0.0 199.6



#45
1,2-Dichloropropane
Concen: 19.93 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 63 Resp: 49643
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3

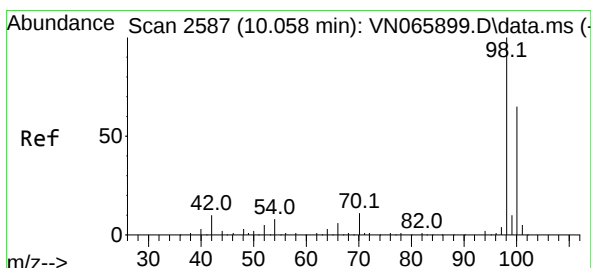
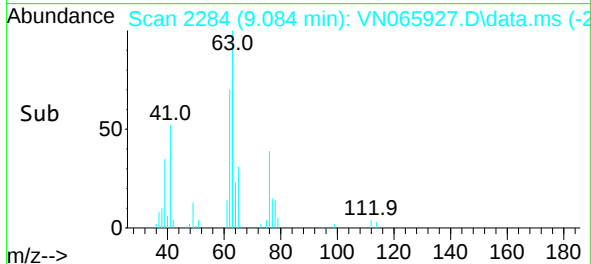
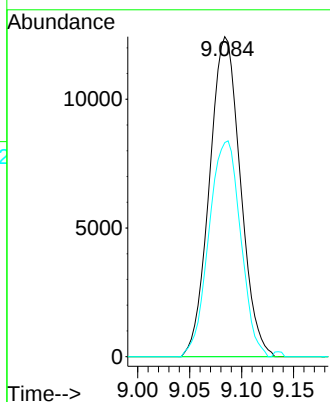
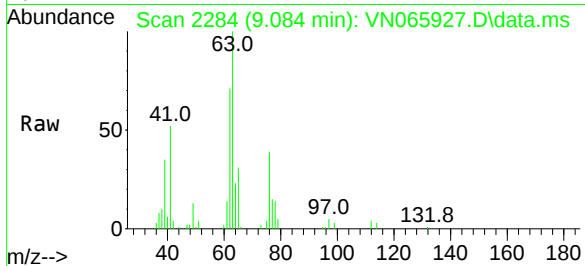




#48
Methyl methacrylate
Concen: 11.14 ug/l
RT: 9.084 min Scan# 2284
Delta R.T. -0.084 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

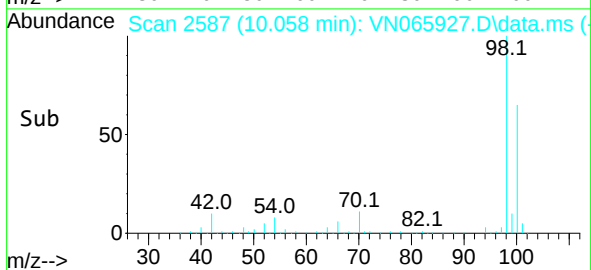
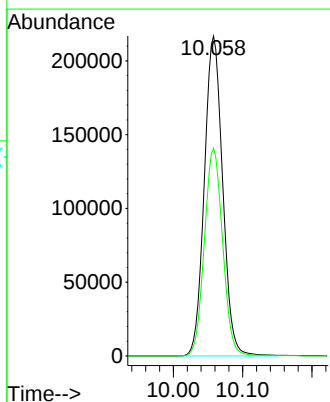
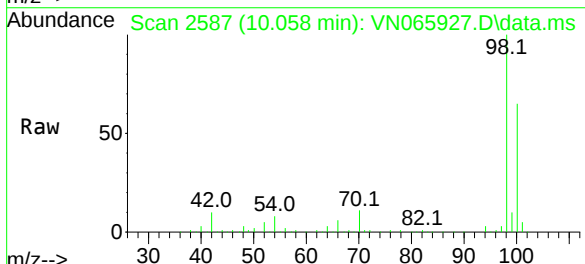
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW178I1-GW-20210212

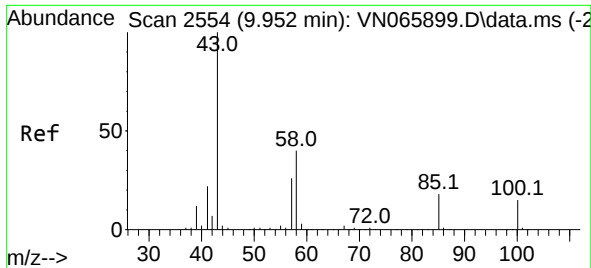
Tgt Ion: 41 Resp: 25750
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 69.1 46.6 69.8



#50
Toluene-d8
Concen: 48.62 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 98 Resp: 397220
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

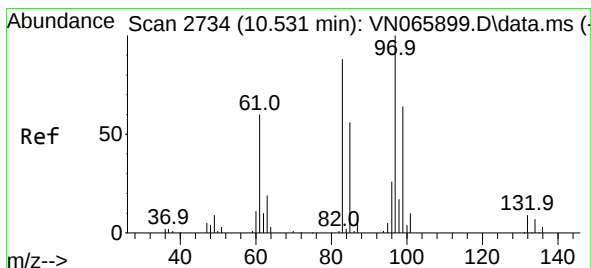
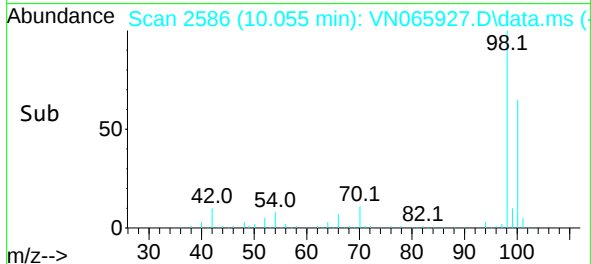
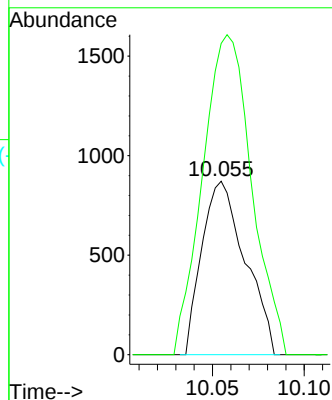
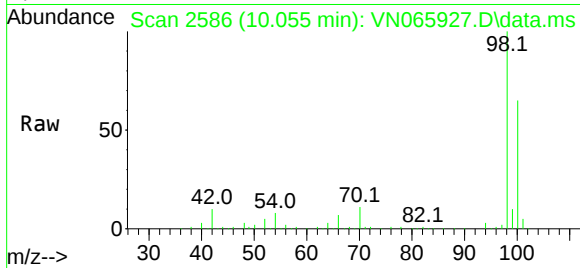




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

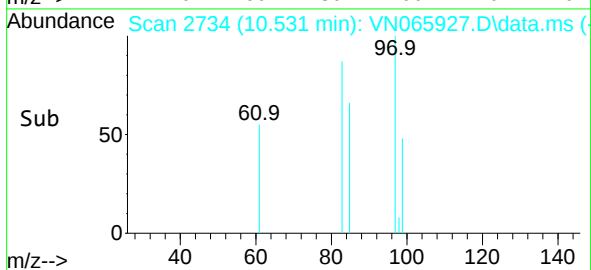
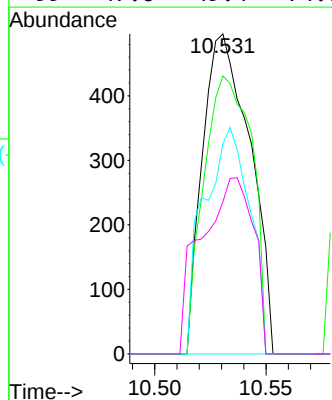
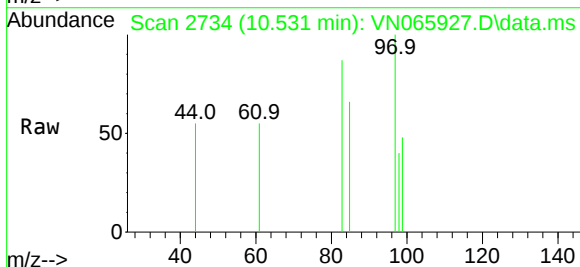
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

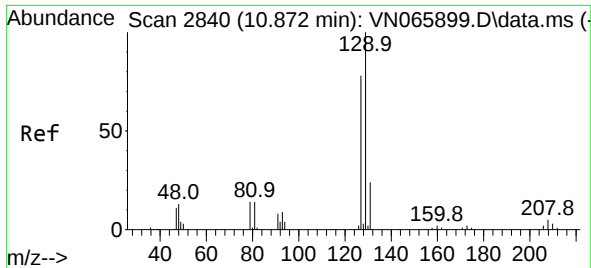
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 208.8 32.5 48.7#



#55
1,1,2-Trichloroethane
Concen: 0.33 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 97 Resp: 734
Ion Ratio Lower Upper
97 100
83 86.9 67.7 101.5
85 65.7 44.5 66.7
99 47.6 49.4 74.0#

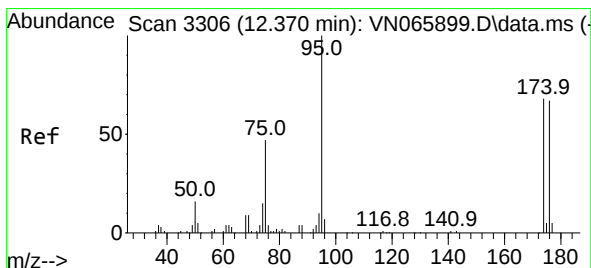
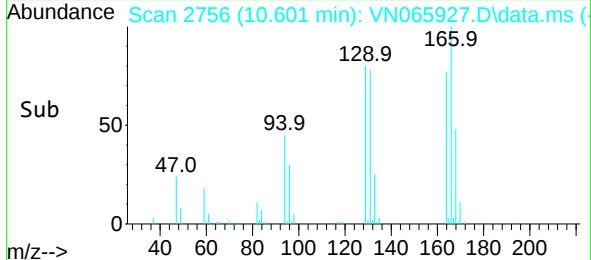
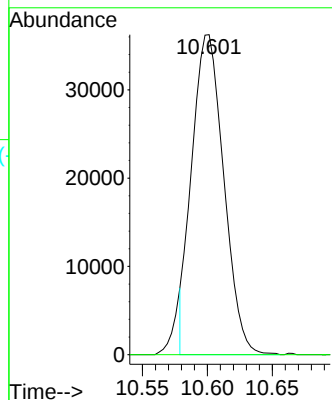
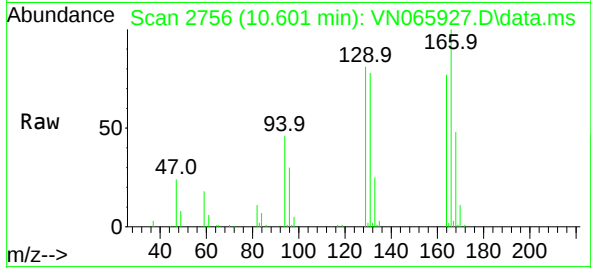




#60
Dibromochloromethane
Concen: 27.05 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.271 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

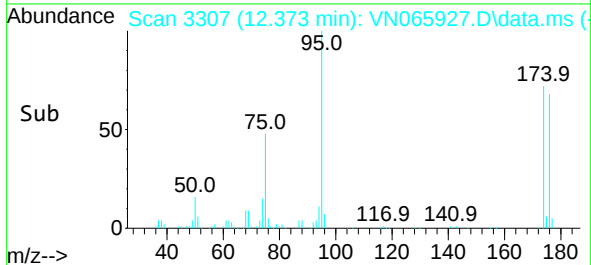
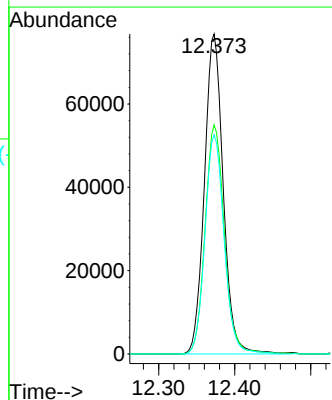
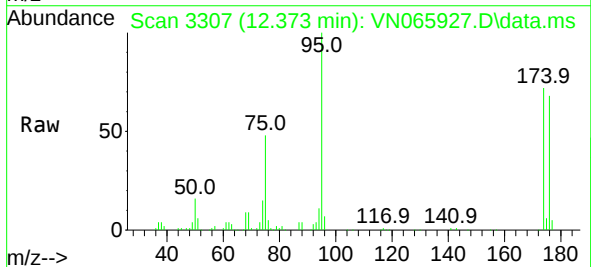
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

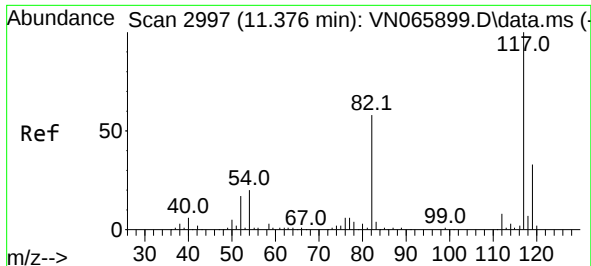
Tgt Ion:129 Resp: 61823
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.07 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion: 95 Resp: 132087
Ion Ratio Lower Upper
95 100
174 73.3 0.0 169.0
176 69.7 0.0 162.4

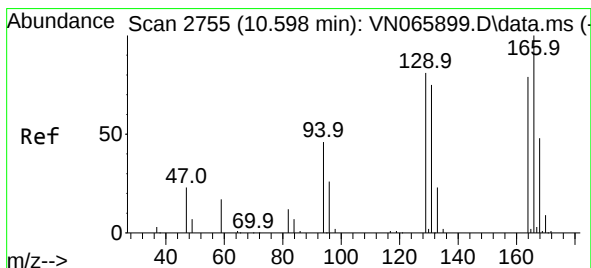
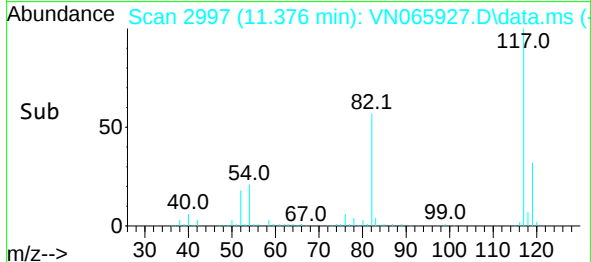
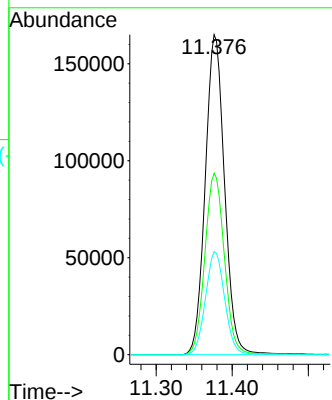
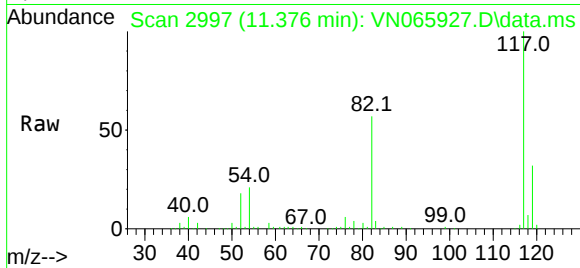




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

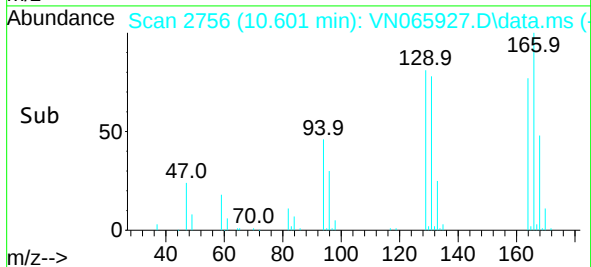
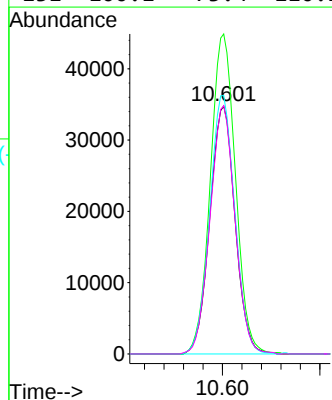
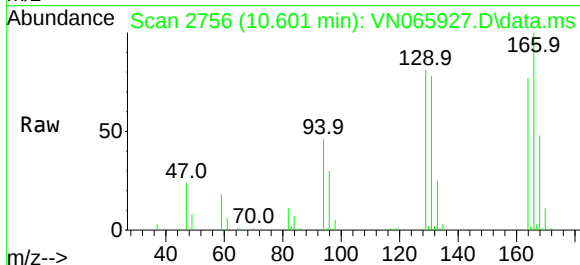
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

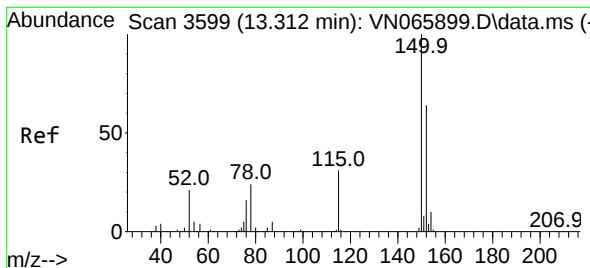
Tgt Ion:	117	Resp:	290851
Ion Ratio	Lower	Upper	
117	100		
82	56.7	43.7	65.5
119	32.2	26.1	39.1



#64
Tetrachloroethene
Concen: 27.81 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

Tgt Ion:	164	Resp:	62444
Ion Ratio	Lower	Upper	
164	100		
166	129.1	102.6	154.0
129	104.3	76.2	114.4
131	100.1	73.4	110.2

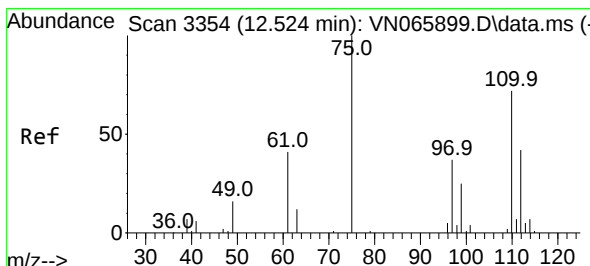
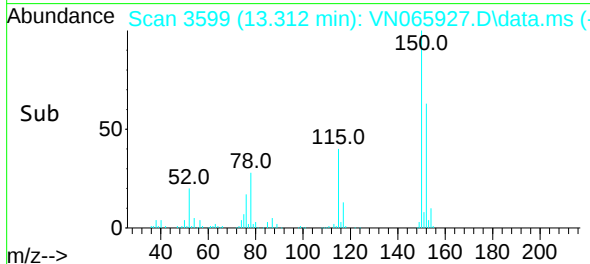
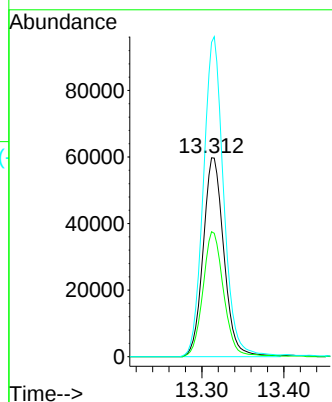
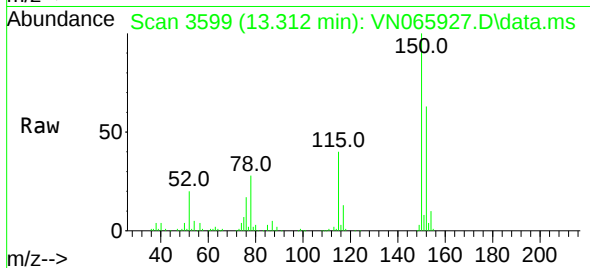




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

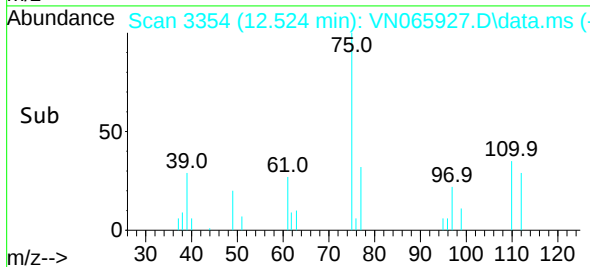
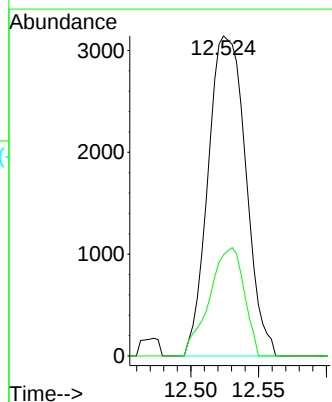
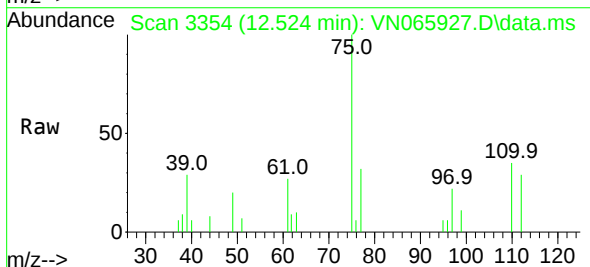
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17811-GW-20210212

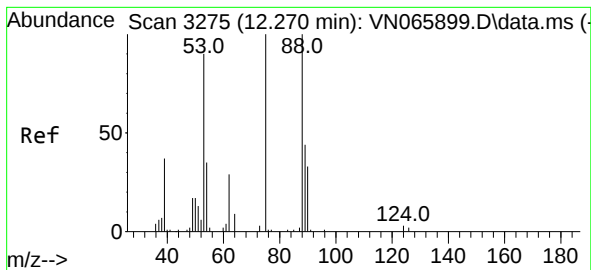
Tgt Ion:152 Resp: 104890
Ion Ratio Lower Upper
152 100
115 62.3 28.5 85.6
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 2.41 ug/l
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065927.D
Acq: 18 Feb 2021 5:27

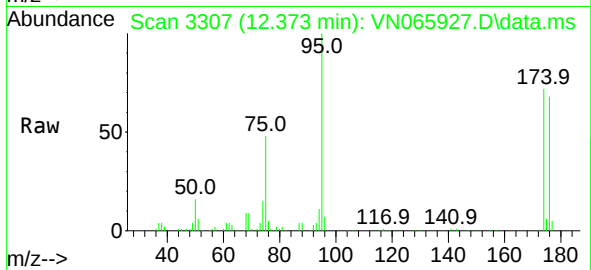
Tgt Ion: 75 Resp: 6063
Ion Ratio Lower Upper
75 100
77 31.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.37 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065927.D
 Acq: 18 Feb 2021 5:27

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW178I1-GW-20210212



Tgt Ion: 75 Resp: 64333
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

