

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065825.D
 Acq On : 11 Feb 2021 19:47
 Operator : JC/MD
 Sample : M1364-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-358-360

Quant Time: Feb 12 01:32:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

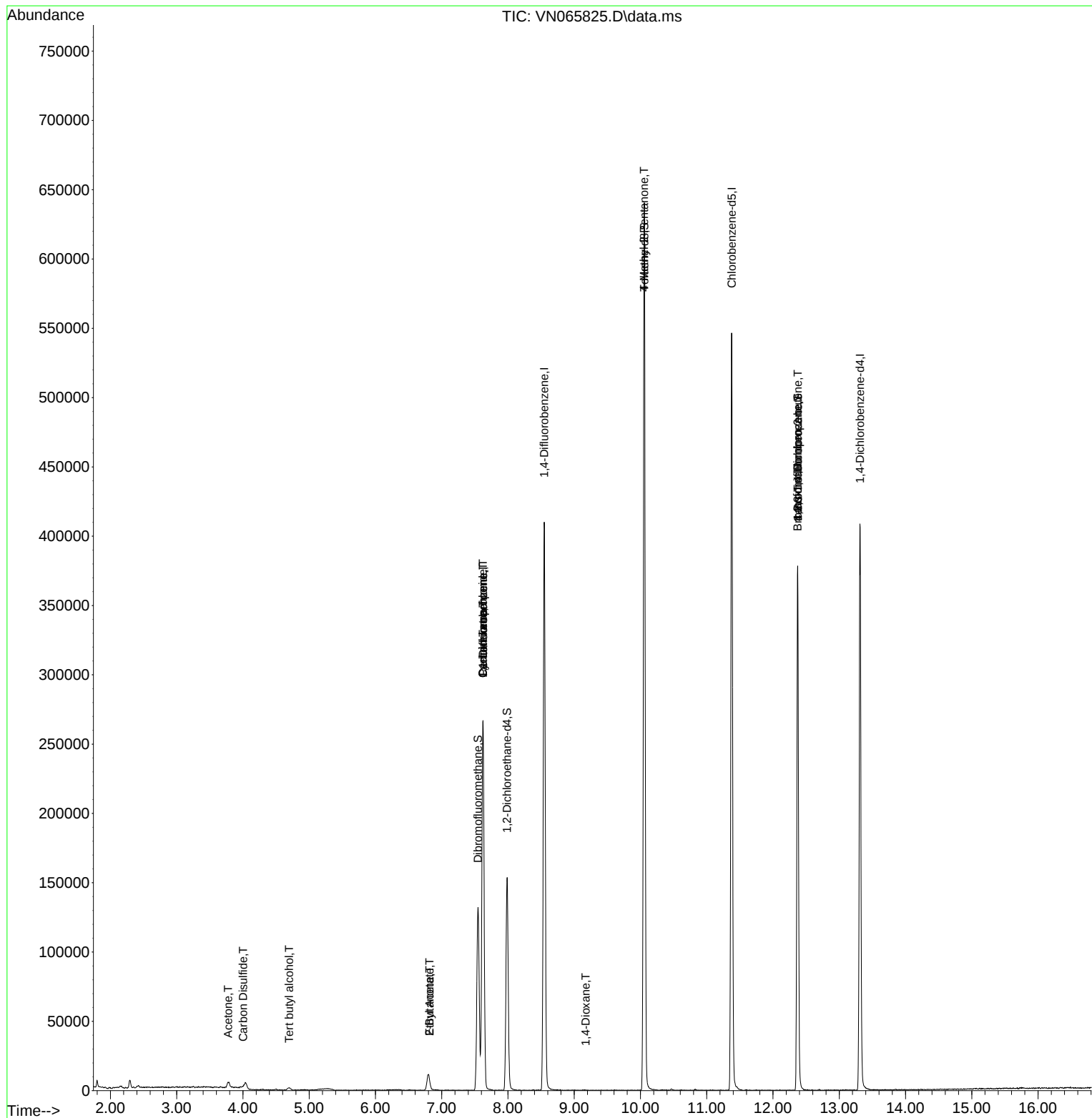
Internal Standards						
1) Pentafluorobenzene	7.624	168	226789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	383990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	339266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	121920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128949	43.22	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.44%		
35) Dibromofluoromethane	7.547	113	110029	48.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.70%		
50) Toluene-d8	10.058	98	480744	53.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.50%		
62) 4-Bromofluorobenzene	12.373	95	155733	48.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.70%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.698	59	1303	2.33	ug/l #	73
16) Acetone	3.775	43	5994	5.16	ug/l	95
17) Carbon Disulfide	4.004	76	2668	0.31	ug/l #	74
25) 2-Butanone	6.817	43	1094	0.60	ug/l #	46
31) Cyclohexane	7.621	56	4174	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	17155	4.44	ug/l #	48
37) Ethyl Acetate	6.817	43	1094	0.30	ug/l #	68
38) Carbon Tetrachloride	7.621	117	21250	6.68	ug/l #	16
49) 1,4-Dioxane	9.174	88	130	2.58	ug/l #	66
51) 4-Methyl-2-Pentanone	10.055	43	1830	0.50	ug/l #	1
71) Bromoform	12.370	173	438	0.25	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	69472	21.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	69472	55.81	ug/l #	12

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

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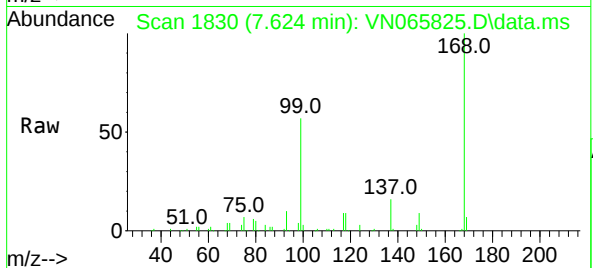
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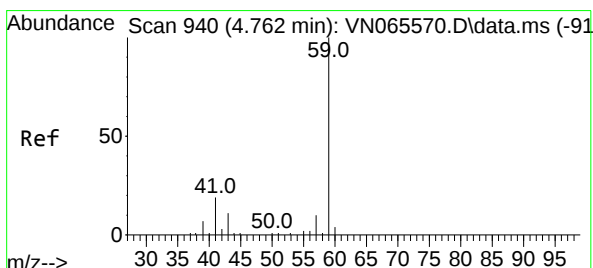
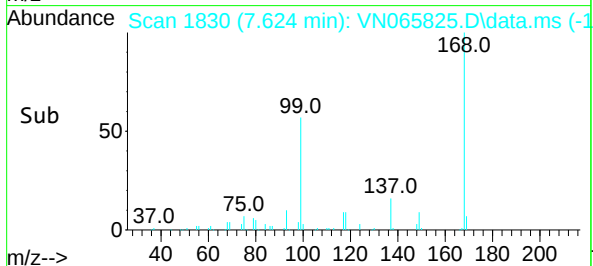
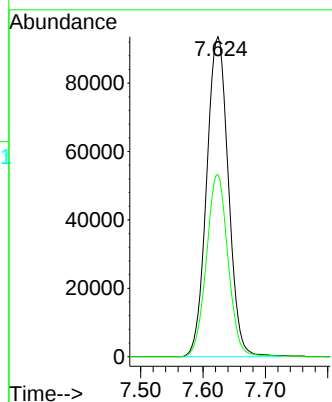


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Instrument :
MSVOA_N
ClientSampleId :
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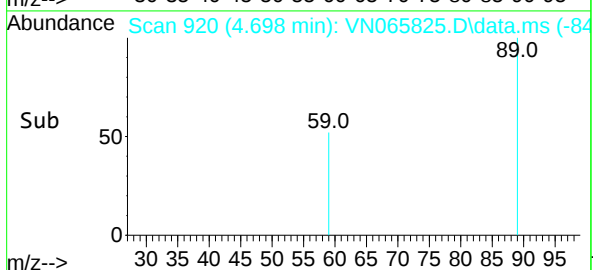
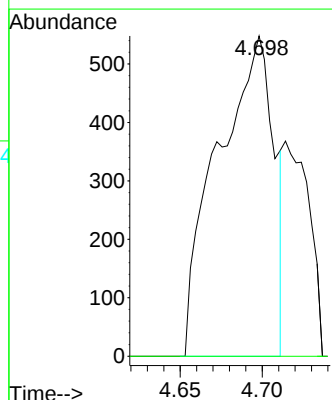
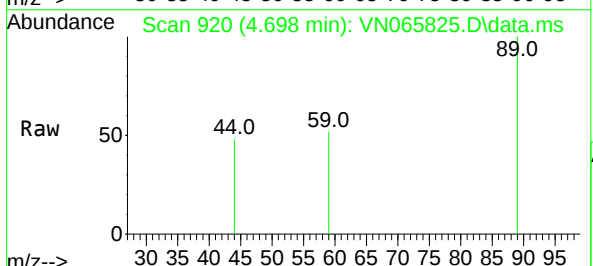


Tgt Ion:168 Resp: 226789
Ion Ratio Lower Upper
168 100
99 57.0 42.6 63.8



#11
Tert butyl alcohol
Concen: 2.33 ug/l
RT: 4.698 min Scan# 920
Delta R.T. -0.064 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

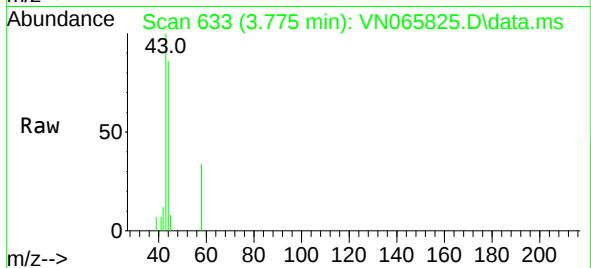
Tgt Ion: 59 Resp: 1303
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



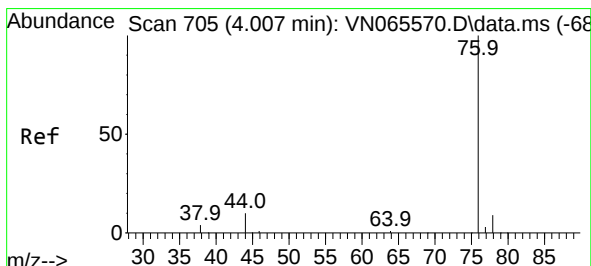
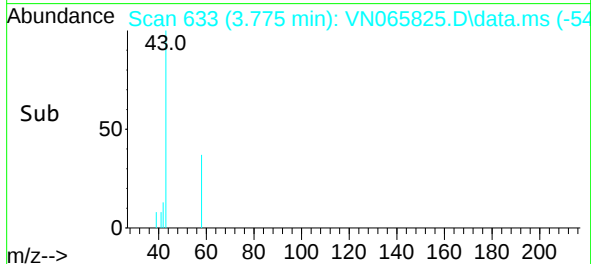
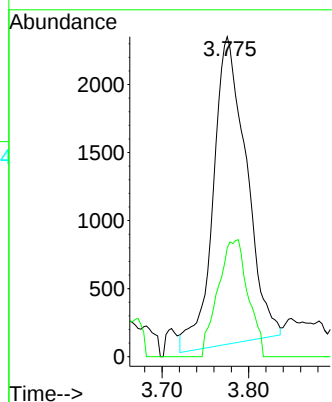


#16
Acetone
Concen: 5.16 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-358-360

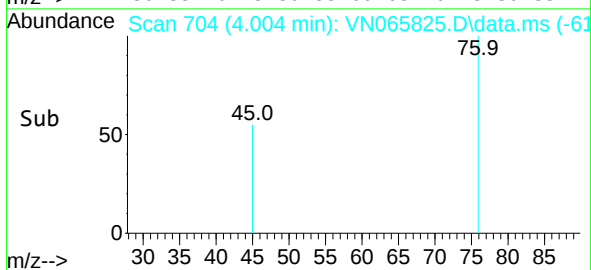
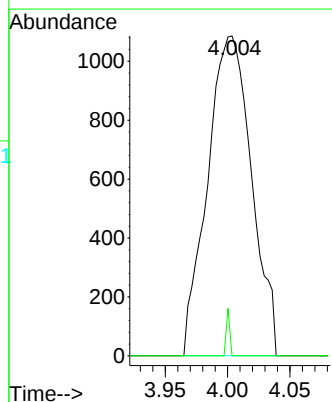
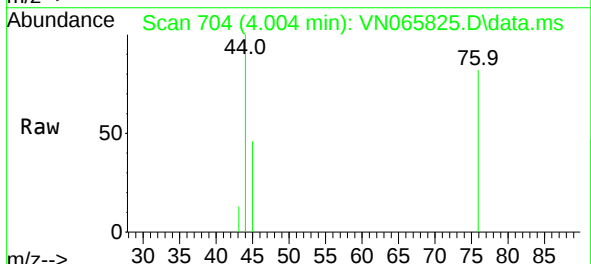


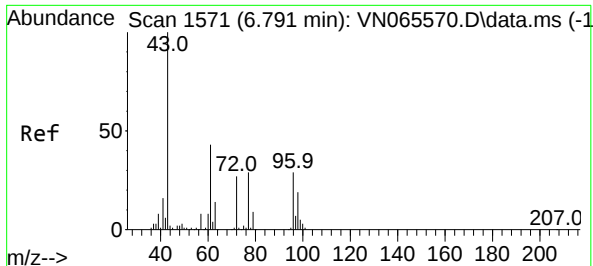
Tgt Ion: 43 Resp: 5994
Ion Ratio Lower Upper
43 100
58 36.5 27.0 40.6



#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.003 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Tgt Ion: 76 Resp: 2668
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

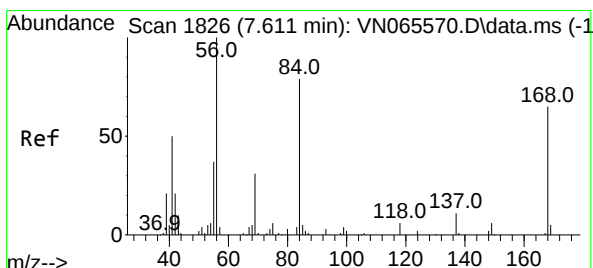
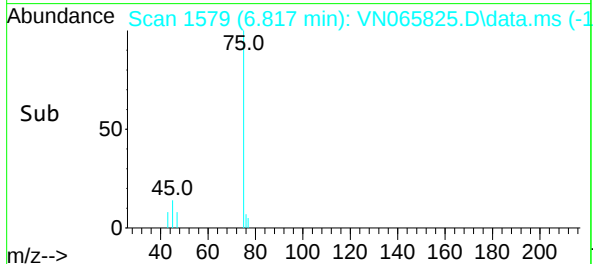
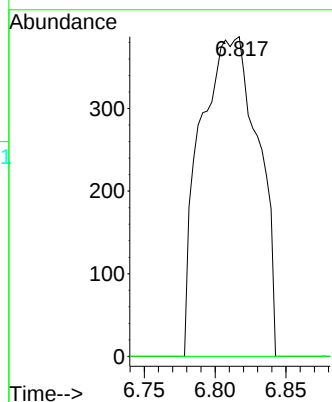
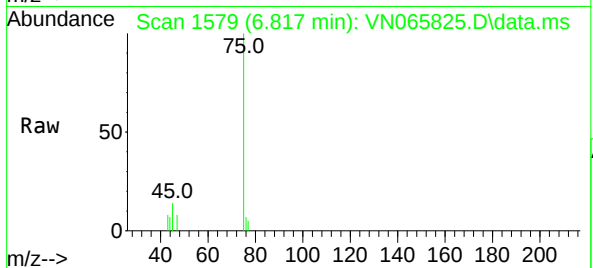




#25
2-Butanone
Concen: 0.60 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.026 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

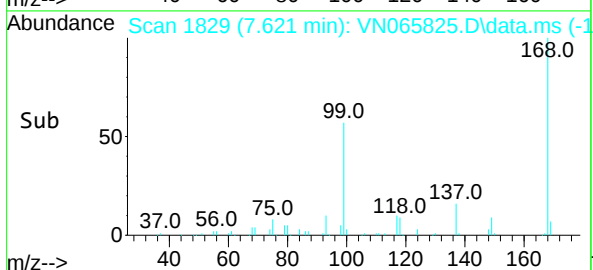
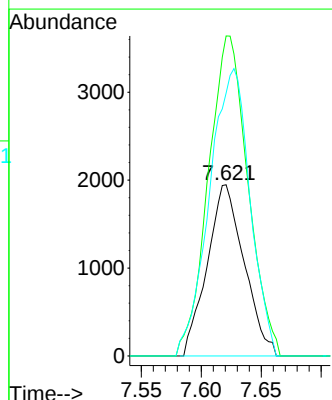
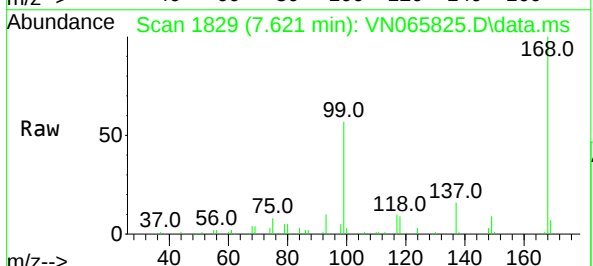
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-358-360

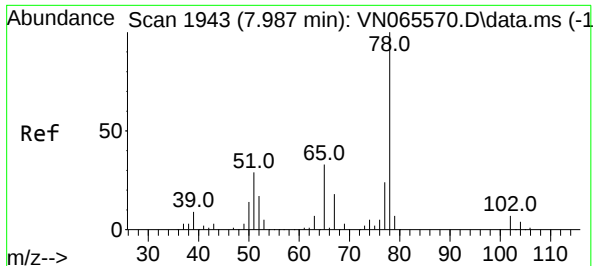
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Tgt Ion: 56 Resp: 4174
Ion Ratio Lower Upper
56 100
69 186.9 26.6 39.8#
84 153.5 70.4 105.6#

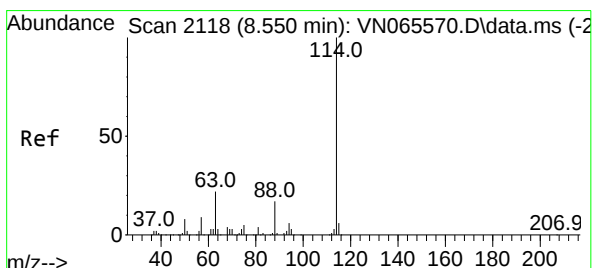
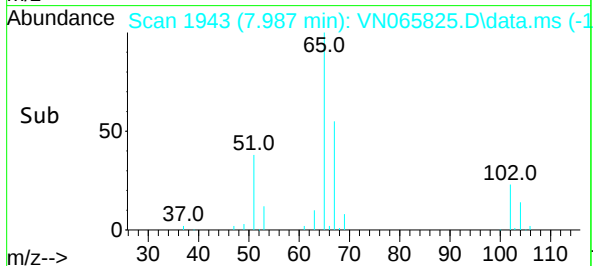
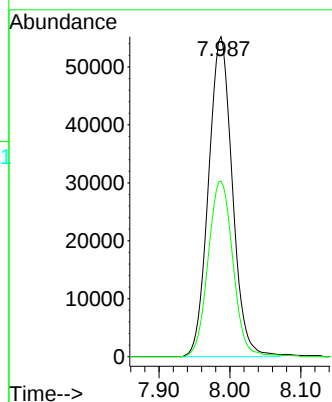
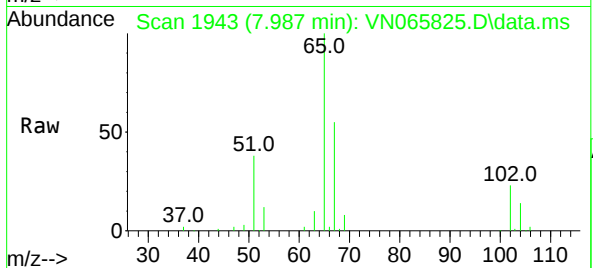




#33
1,2-Dichloroethane-d4
Concen: 43.22 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

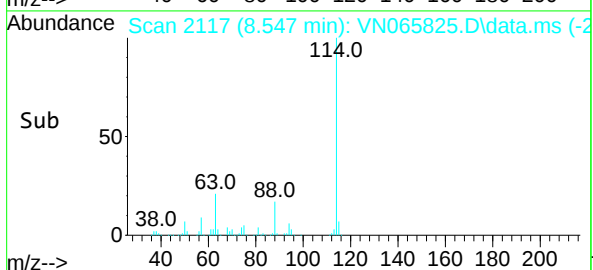
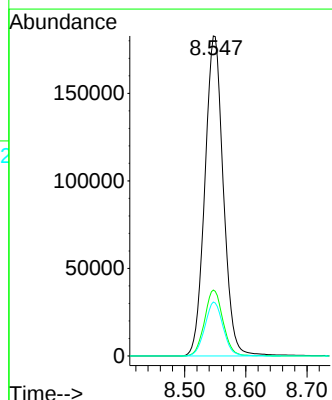
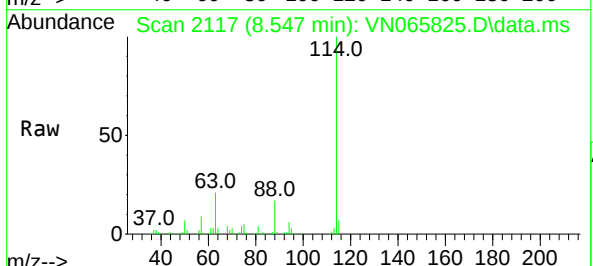
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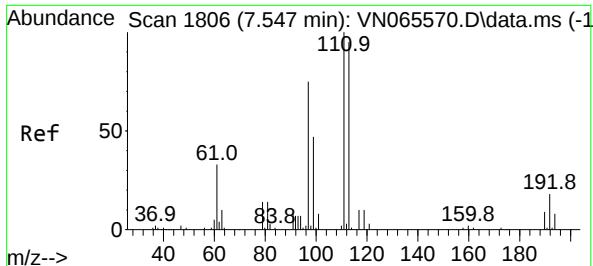
Tgt Ion: 65 Resp: 128949
Ion Ratio Lower Upper
65 100
67 57.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Tgt Ion: 114 Resp: 383990
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.35 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065825.D

Acq: 11 Feb 2021 19:47

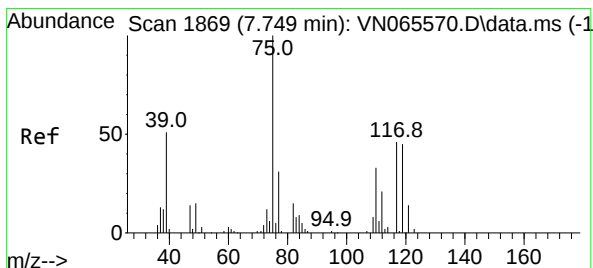
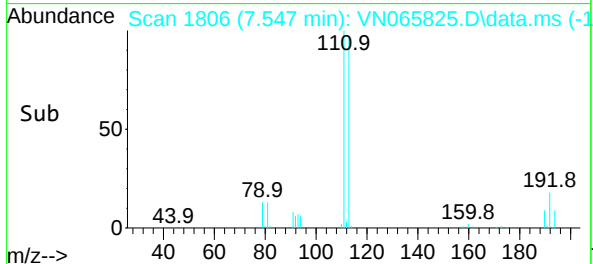
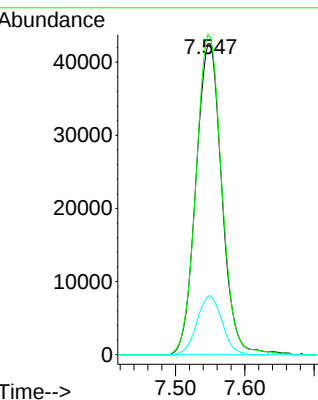
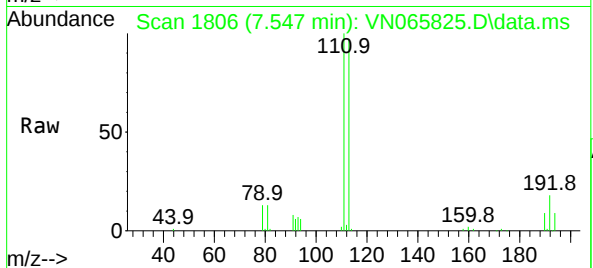
Tgt Ion:113 Resp: 110029

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.44 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065825.D

Acq: 11 Feb 2021 19:47

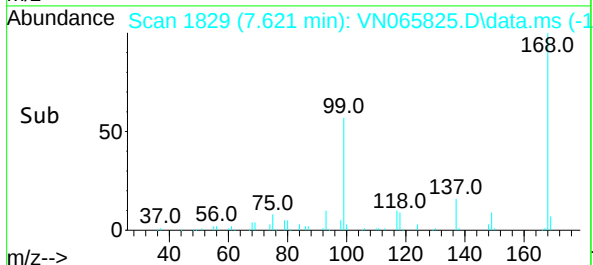
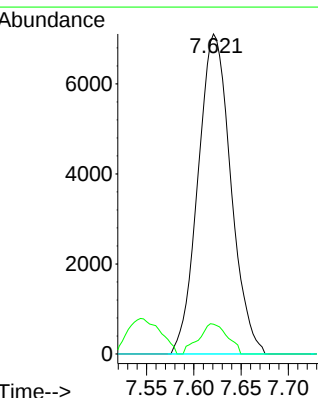
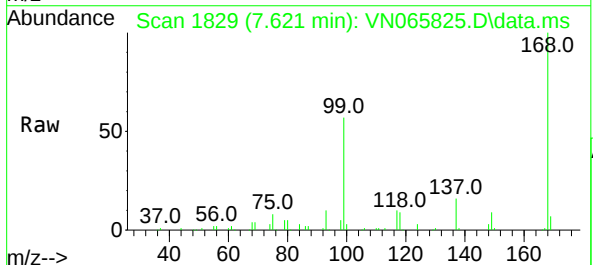
Tgt Ion: 75 Resp: 17155

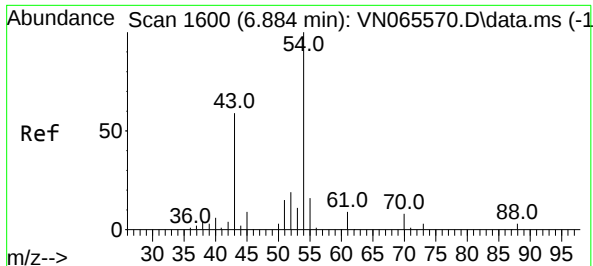
Ion Ratio Lower Upper

75 100

110 8.2 18.2 54.6#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.30 ug/l

RT: 6.817 min Scan# 1579

Delta R.T. -0.067 min

Lab File: VN065825.D

Acq: 11 Feb 2021 19:47

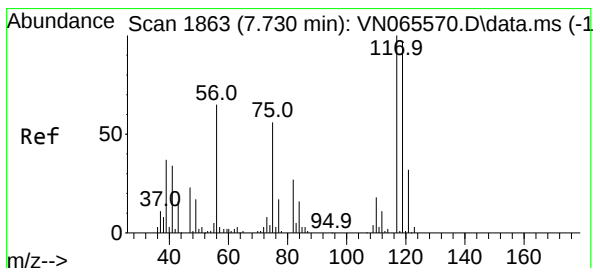
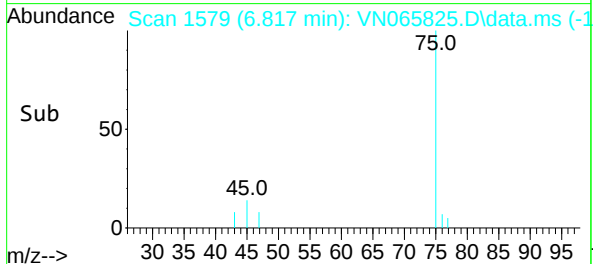
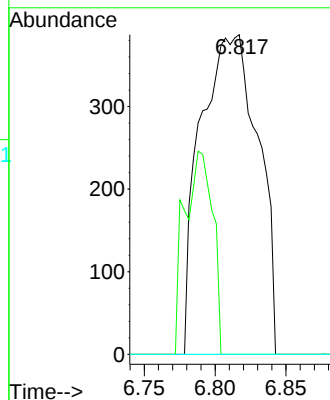
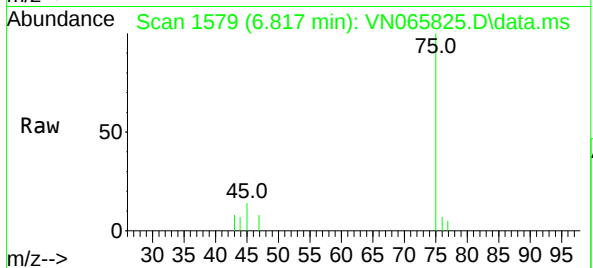
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Tgt Ion:	43	Resp:	1094
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.68 ug/l

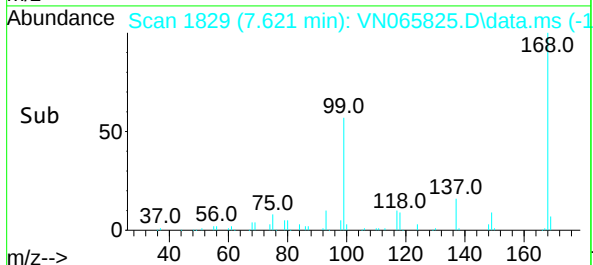
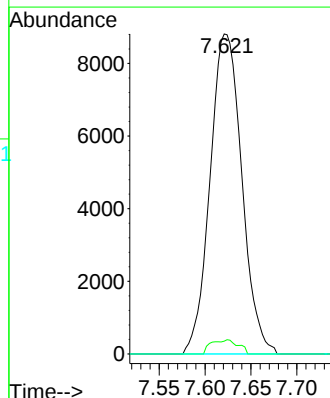
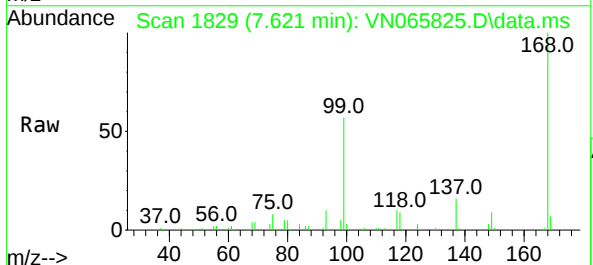
RT: 7.621 min Scan# 1829

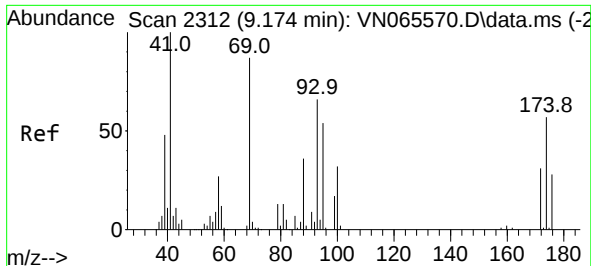
Delta R.T. -0.109 min

Lab File: VN065825.D

Acq: 11 Feb 2021 19:47

Tgt Ion:	117	Resp:	21250
Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.0	114.0#
121	0.0	24.5	36.7#





#49

1,4-Dioxane

Concen: 2.58 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. -0.000 min

Lab File: VN065825.D

Acq: 11 Feb 2021 19:47

Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

43 0.0 24.7 37.1#

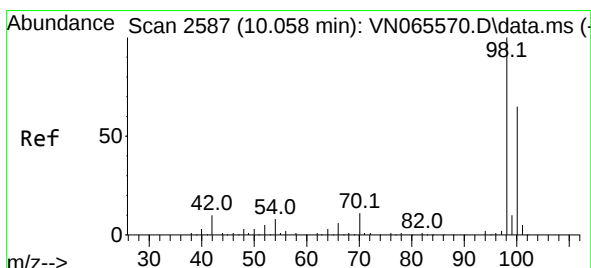
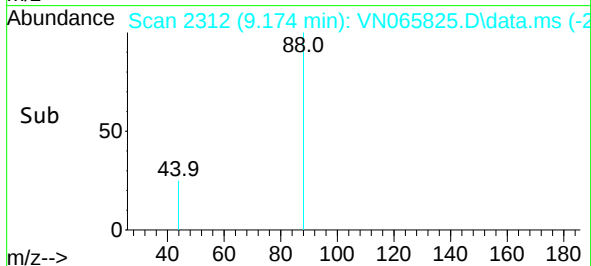
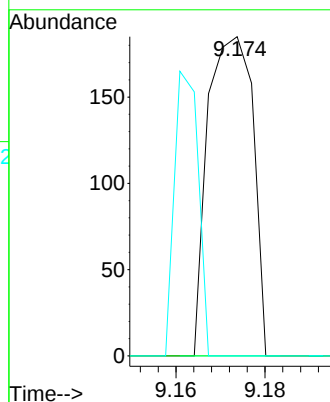
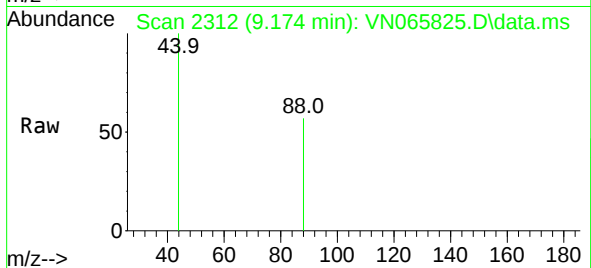
58 46.9 52.6 78.8#

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW6-GW-358-360



#50

Toluene-d8

Concen: 53.75 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. -0.000 min

Lab File: VN065825.D

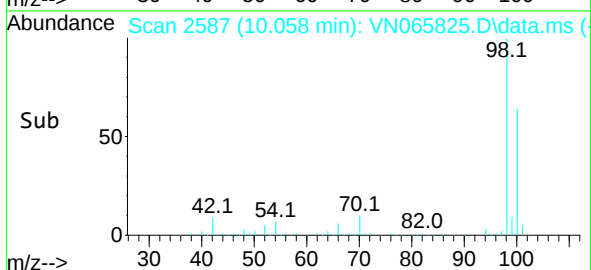
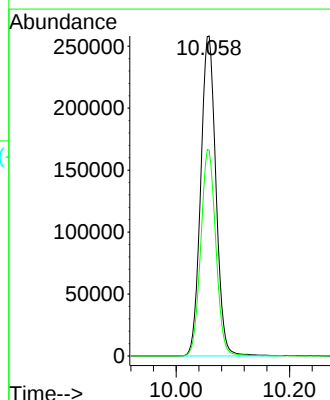
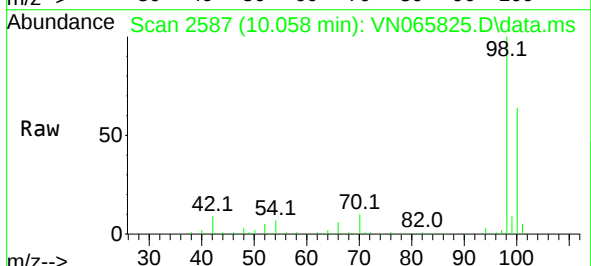
Acq: 11 Feb 2021 19:47

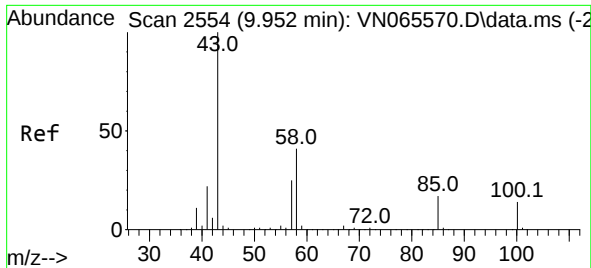
Tgt Ion: 98 Resp: 480744

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7

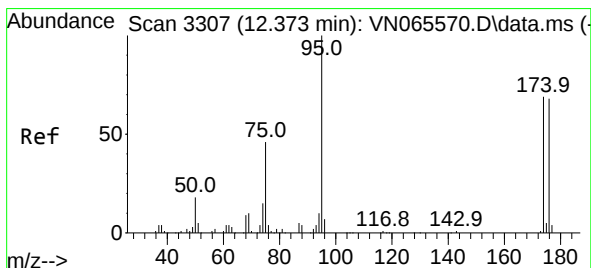
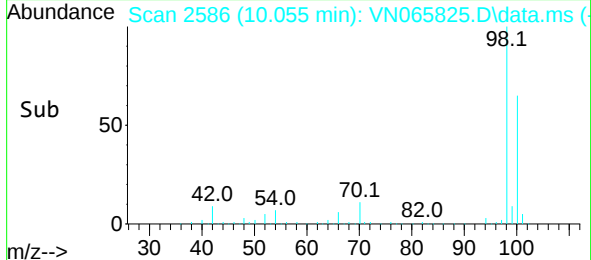
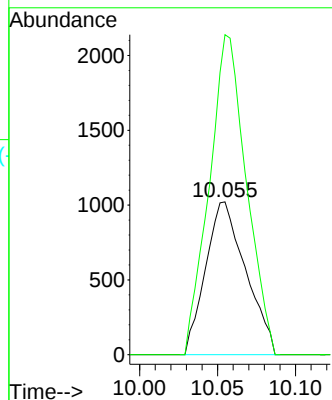
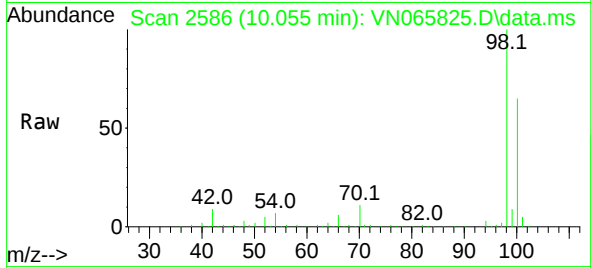




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

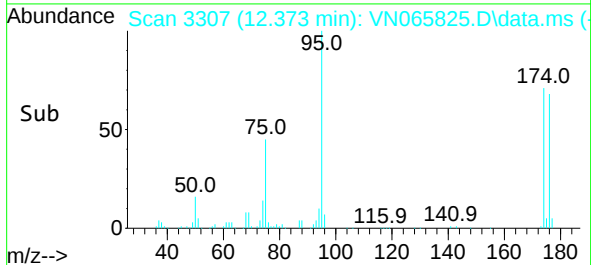
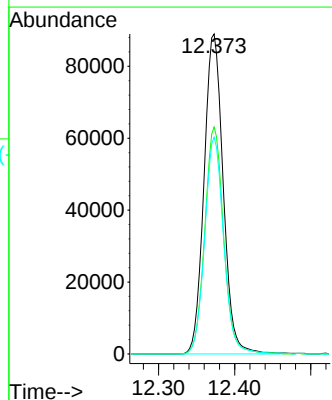
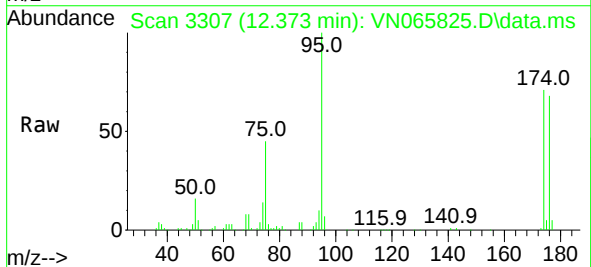
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-358-360

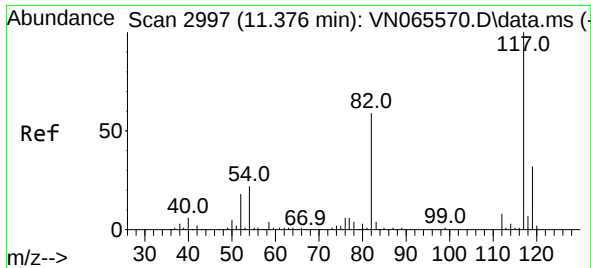
Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 193.6 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 48.35 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Tgt Ion: 95 Resp: 155733
Ion Ratio Lower Upper
95 100
174 70.0 0.0 169.0
176 67.1 0.0 162.4

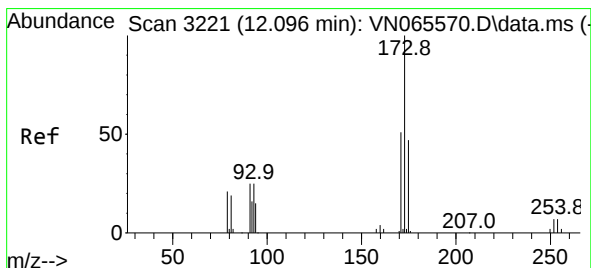
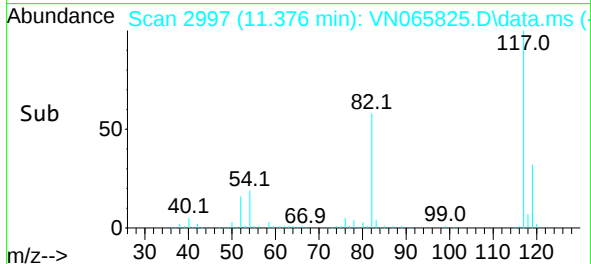
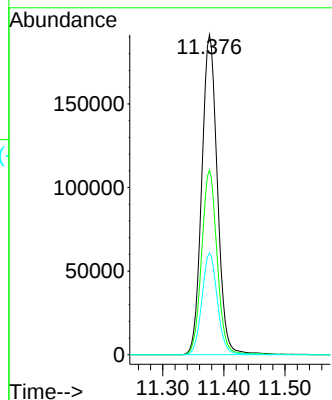
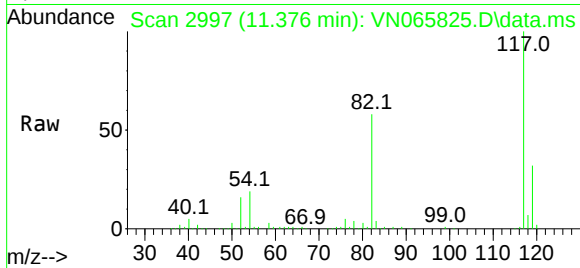




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

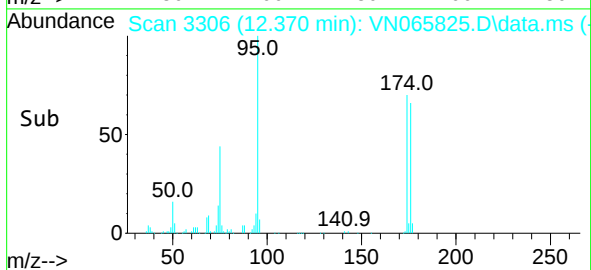
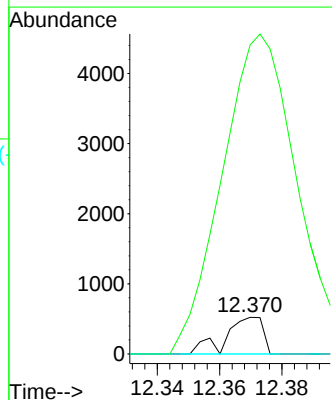
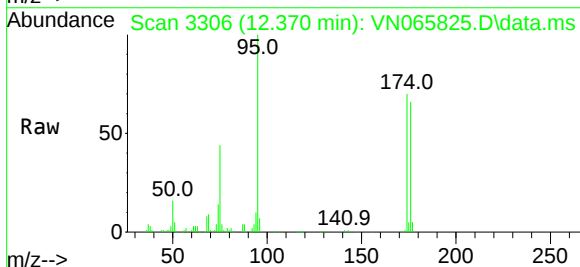
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-358-360

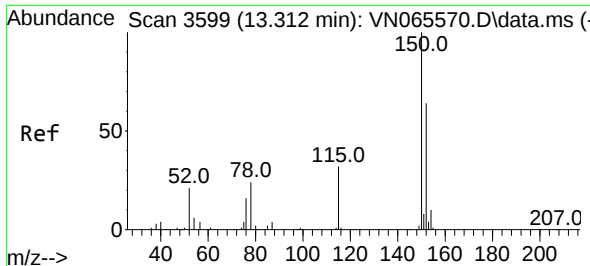
Tgt Ion:	117	Resp:	339266
Ion Ratio	Lower	Upper	
117	100		
82	57.6	43.7	65.5
119	31.8	26.1	39.1



#71
Bromoform
Concen: 0.25 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

Tgt Ion:	173	Resp:	438
Ion Ratio	Lower	Upper	
173	100		
175	1460.7	23.8	71.2#
254	0.0	0.0	0.0

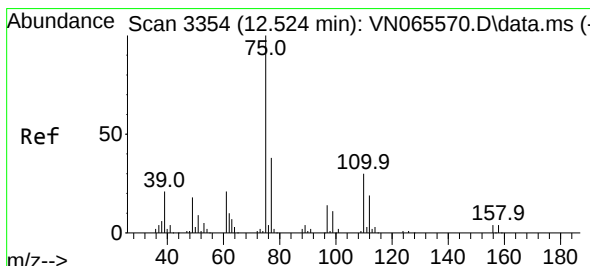
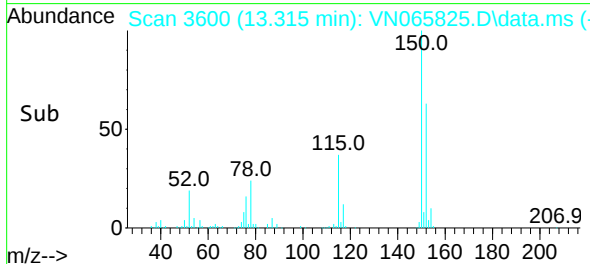
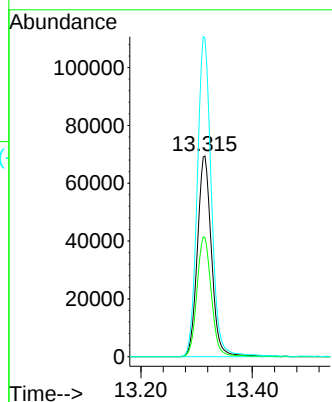
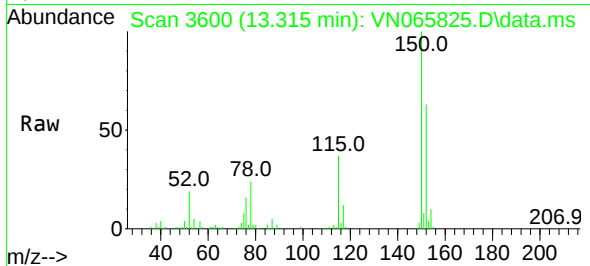




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

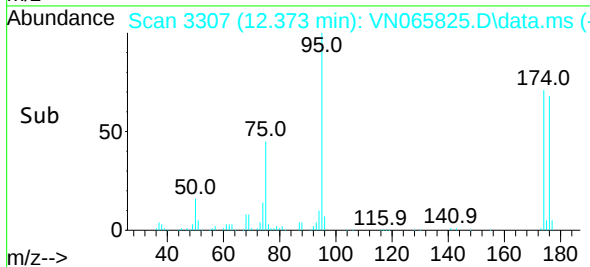
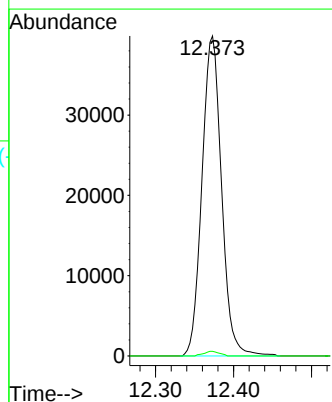
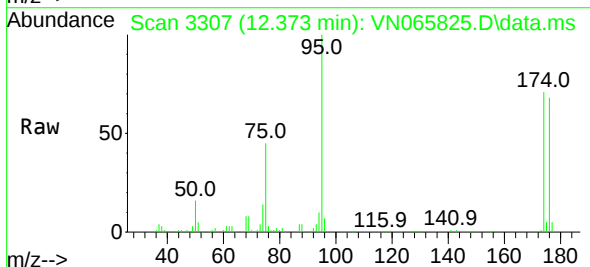
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-358-360

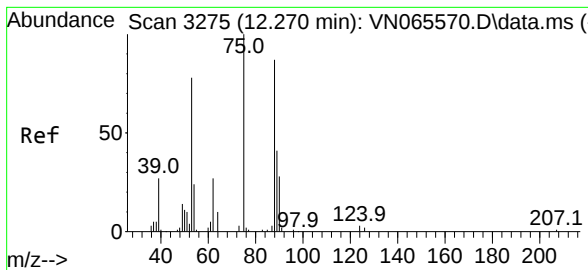
Tgt Ion:152 Resp: 121920
Ion Ratio Lower Upper
152 100
115 60.4 28.5 85.6
150 159.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065825.D
Acq: 11 Feb 2021 19:47

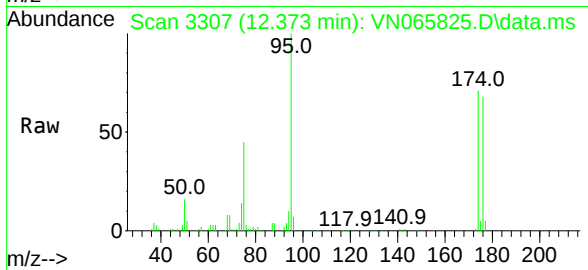
Tgt Ion: 75 Resp: 69472
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.81 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065825.D
 Acq: 11 Feb 2021 19:47

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-358-360



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

