

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065734.D
 Acq On : 5 Feb 2021 13:38
 Operator : JC/MD
 Sample : M1288-19DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-DDC-2-PDDL

Quant Time: Feb 05 22:47:12 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)

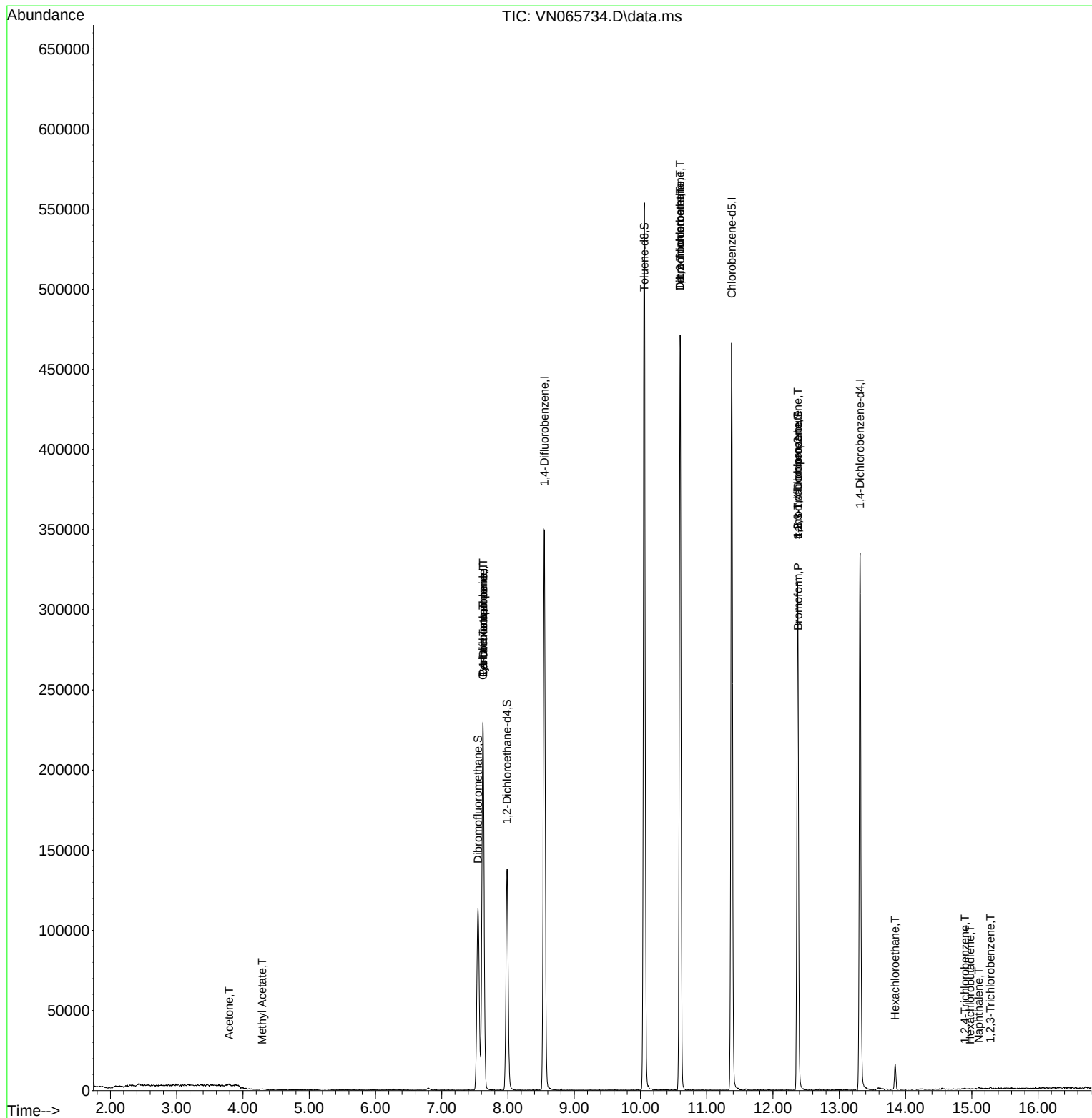
Internal Standards						
1) Pentafluorobenzene	7.624	168	191864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	327272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	285348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	114332	45.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.60%		
35) Dibromofluoromethane	7.547	113	93673	48.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.60%		
50) Toluene-d8	10.058	98	405906	53.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.48%		
62) 4-Bromofluorobenzene	12.373	95	128222	46.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.42%		
Target Compounds						Qvalue
16) Acetone	3.788	43	650	0.66	ug/l #	41
18) Methyl Acetate	4.290	43	812	0.29	ug/l #	51
31) Cyclohexane	7.621	56	3906	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14633	4.44	ug/l #	48
38) Carbon Tetrachloride	7.624	117	18030	6.65	ug/l #	16
55) 1,1,2-Trichloroethane	10.598	97	777	0.34	ug/l #	1
60) Dibromochloromethane	10.598	129	107532	46.30	ug/l #	11
64) Tetrachloroethene	10.598	164	114647	47.94	ug/l	97
71) Bromoform	12.380	173	596	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	57984	22.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	57984	57.94	ug/l #	12
90) Hexachloroethane	13.843	117	2917	2.30	ug/l	98
93) 1,2,4-Trichlorobenzene	14.897	180	323	3.52	ug/l #	75
94) Hexachlorobutadiene	14.978	225	112	0.35	ug/l #	18
95) Naphthalene	15.106	128	1453	3.66	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	526	3.10	ug/l #	76

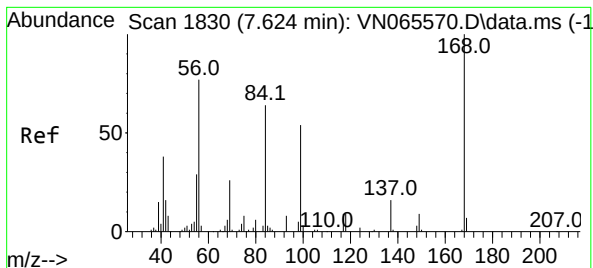
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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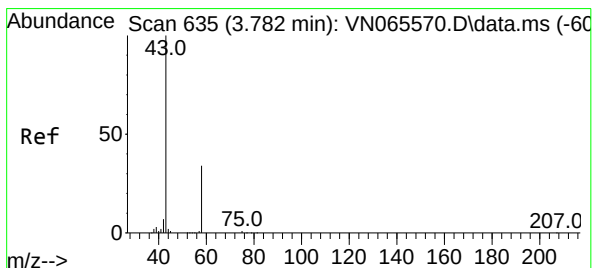
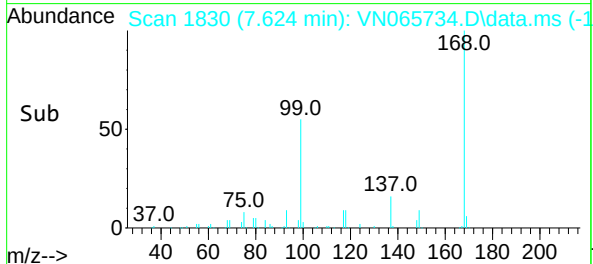
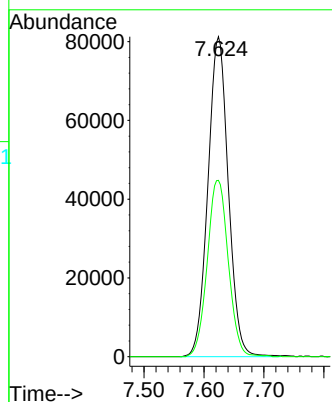
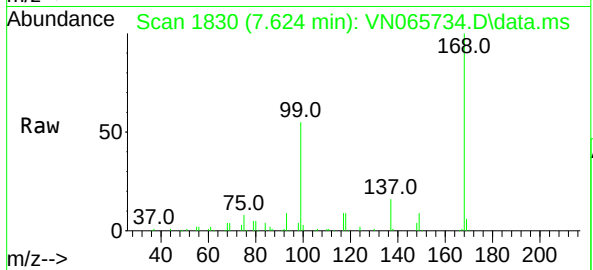




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

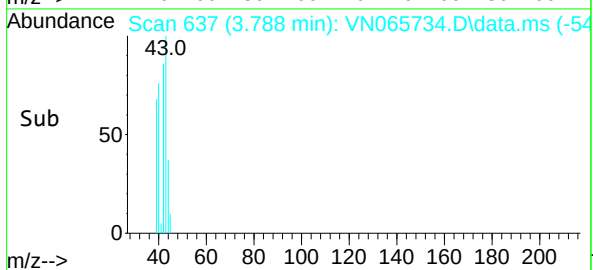
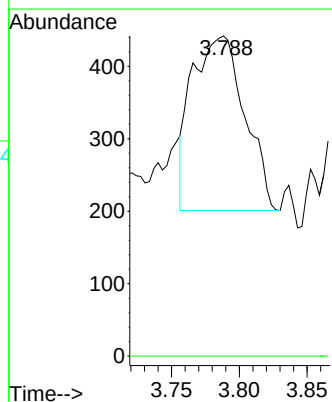
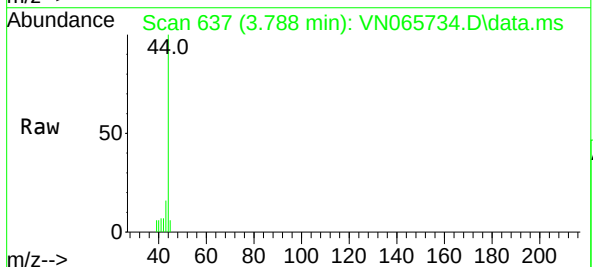
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

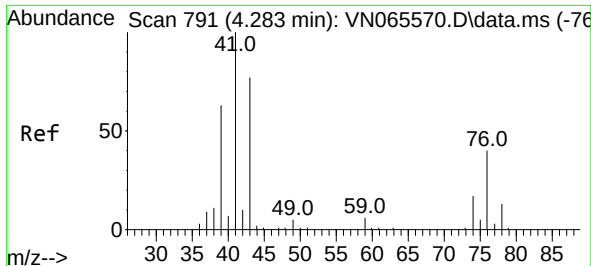
Tgt Ion:168 Resp: 191864
Ion Ratio Lower Upper
168 100
99 55.1 42.6 63.8



#16
Acetone
Concen: 0.66 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

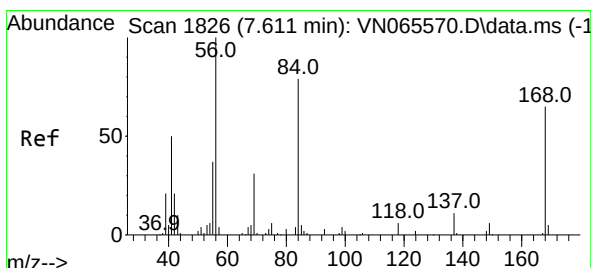
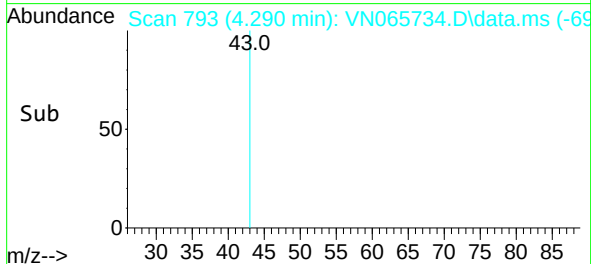
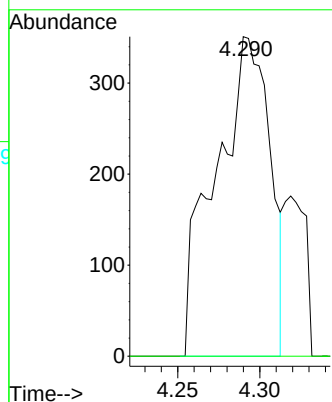
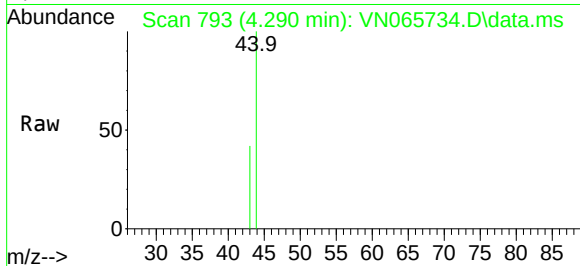




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

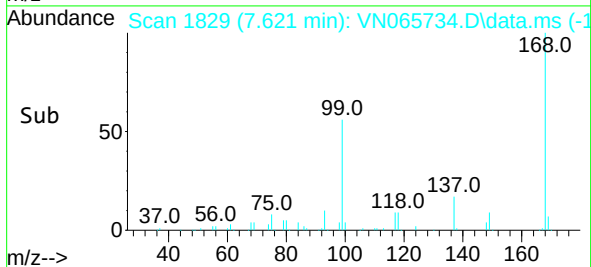
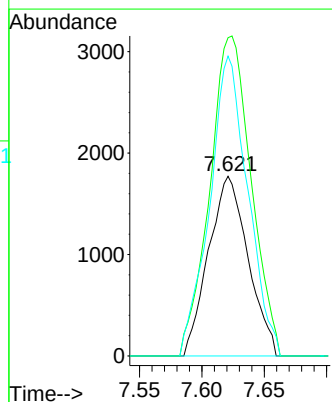
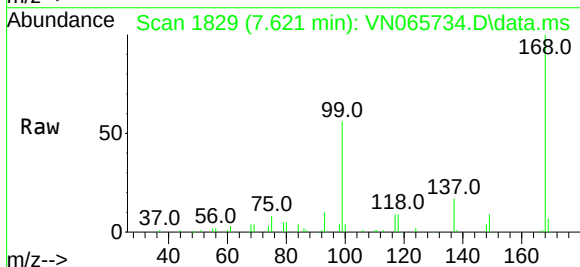
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

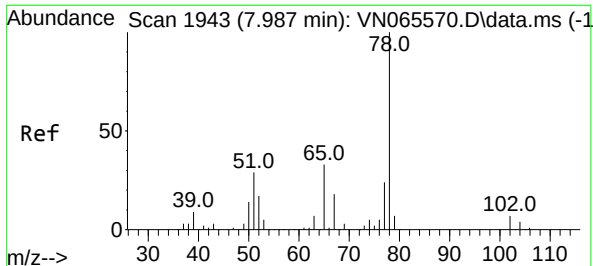
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 56 Resp: 3906
Ion Ratio Lower Upper
56 100
69 177.2 26.6 39.8#
84 167.0 70.4 105.6#

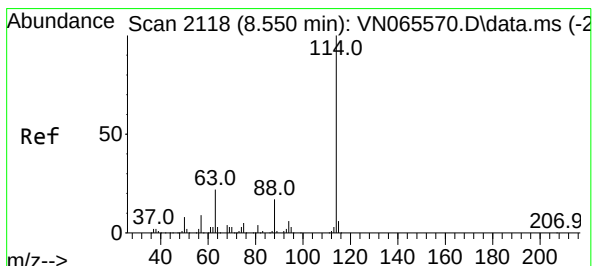
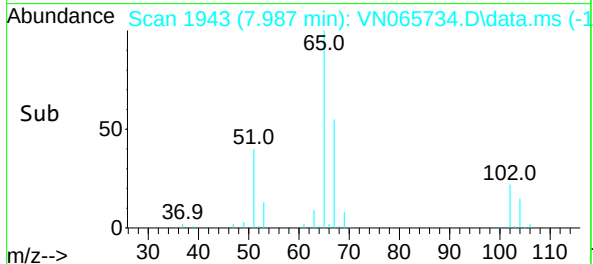
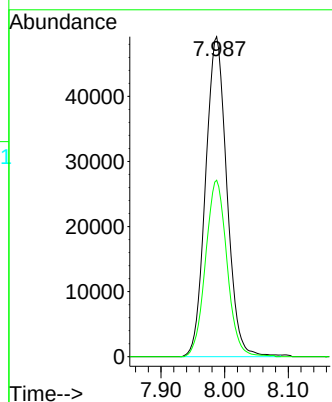
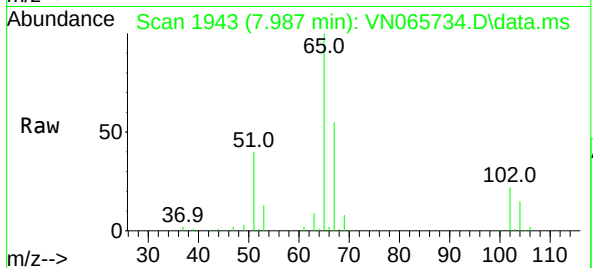




#33
1,2-Dichloroethane-d4
Concen: 45.30 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

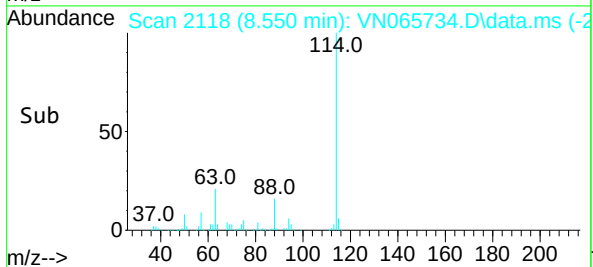
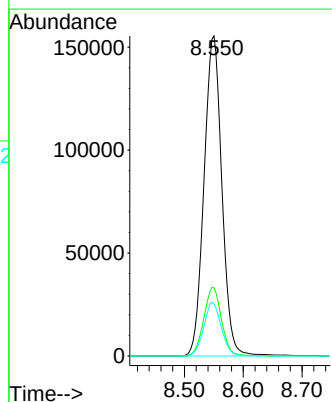
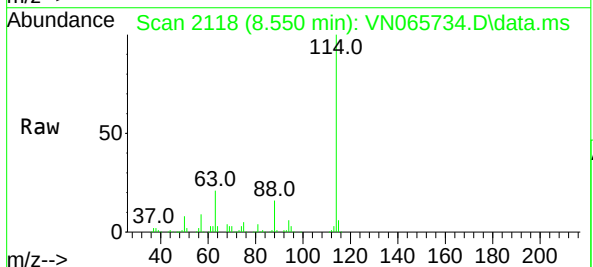
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

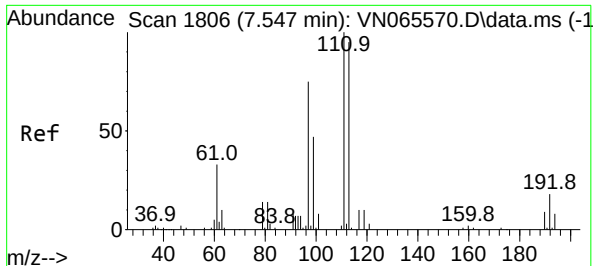
Tgt Ion: 65 Resp: 114332
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 114 Resp: 327272
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 16.3 0.0 30.6

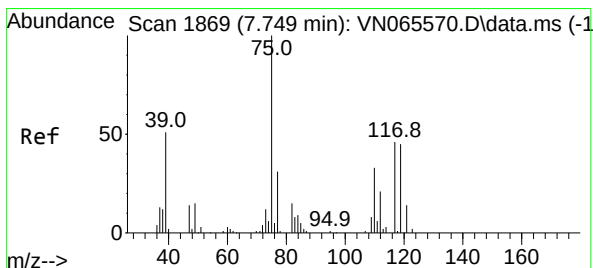
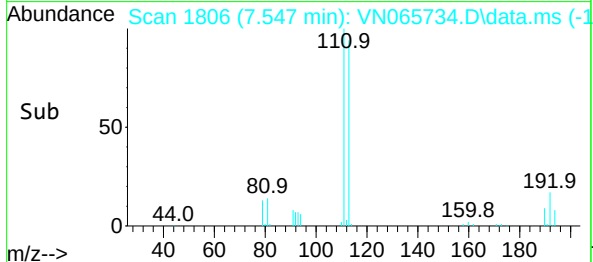
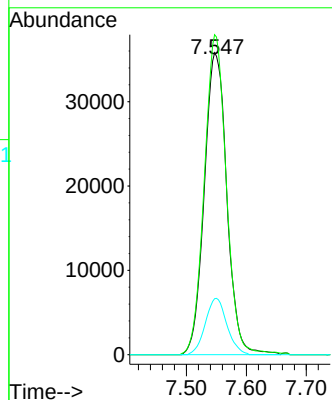
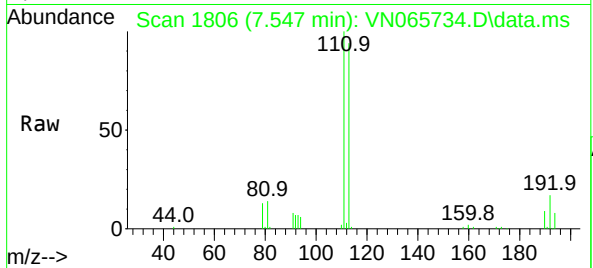




#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

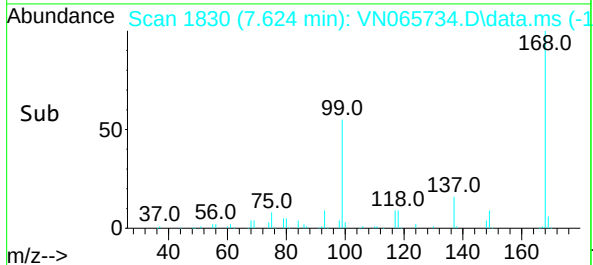
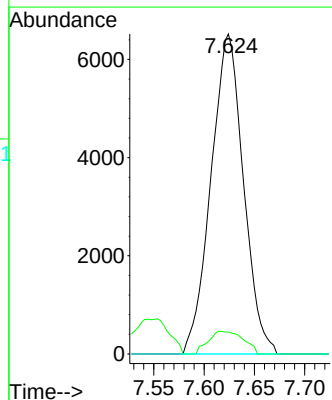
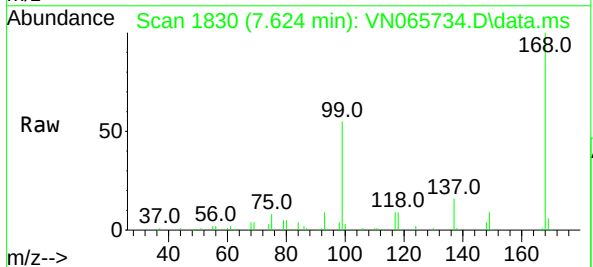
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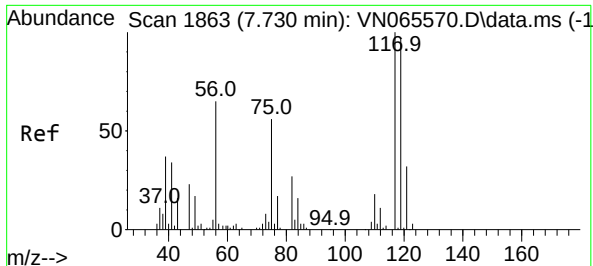
Tgt Ion:113 Resp: 93673
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

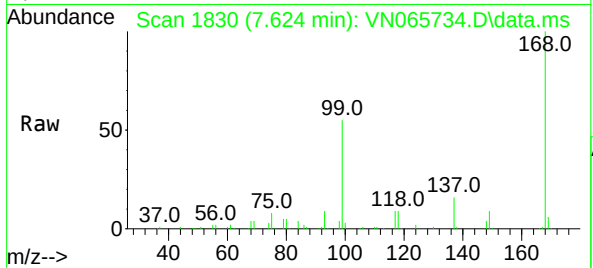
Tgt Ion: 75 Resp: 14633
Ion Ratio Lower Upper
75 100
110 7.6 18.2 54.6#
77 0.0 24.9 37.3#



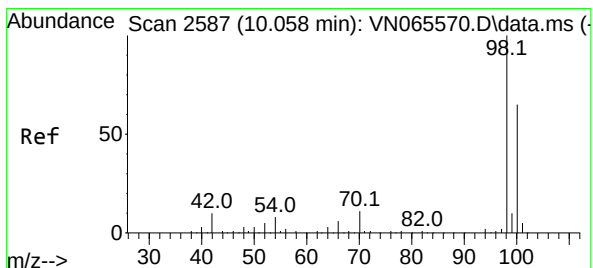
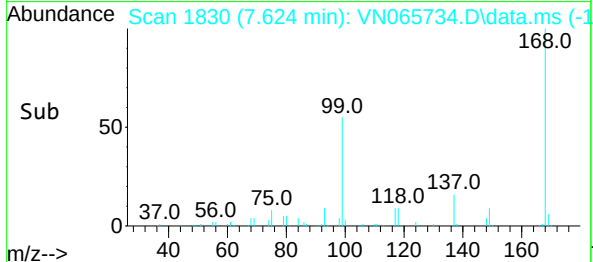
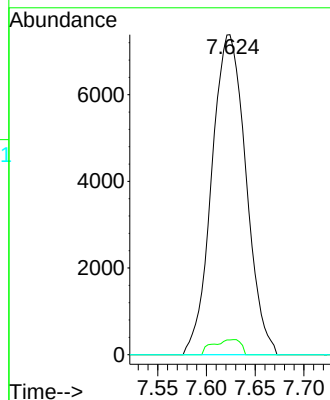


#38
Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

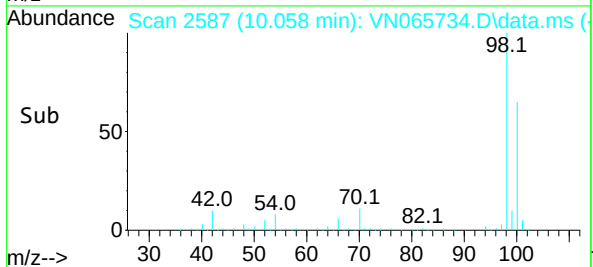
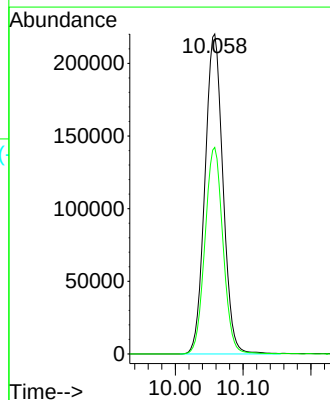
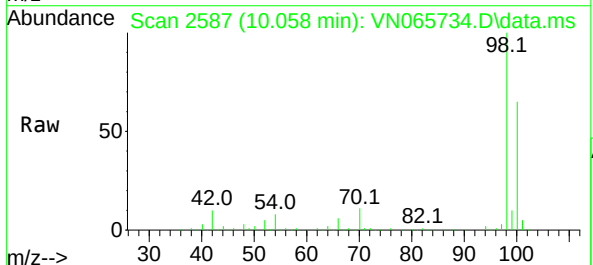


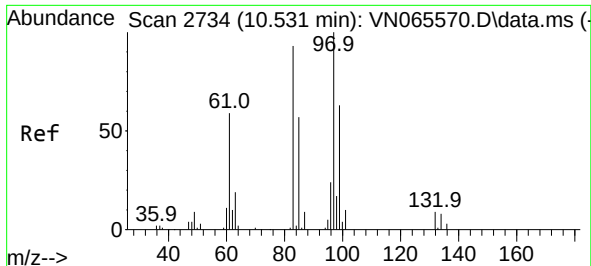
Tgt Ion:117 Resp: 18030
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.24 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 98 Resp: 405906
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



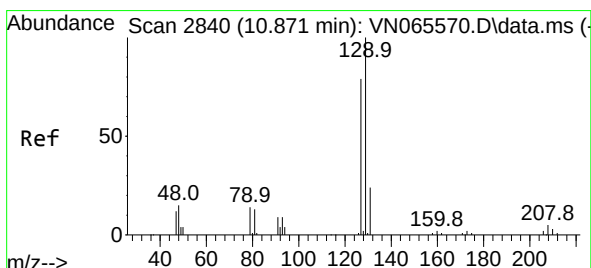
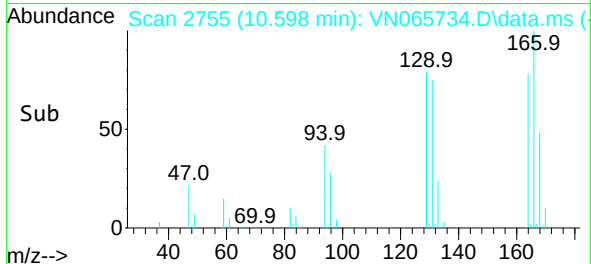
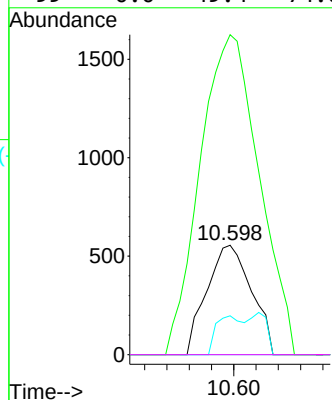
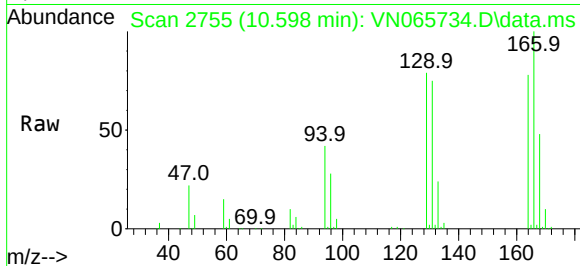


#55
1,1,2-Trichloroethane
Concen: 0.34 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.067 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Instrument :
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Tgt Ion: 97 Resp: 777

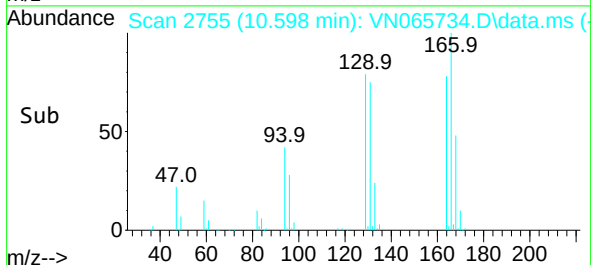
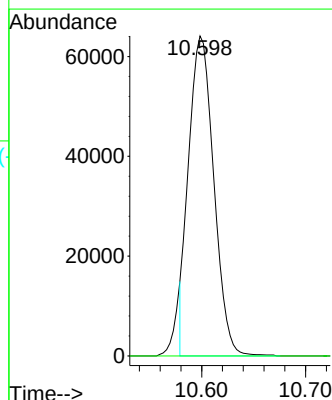
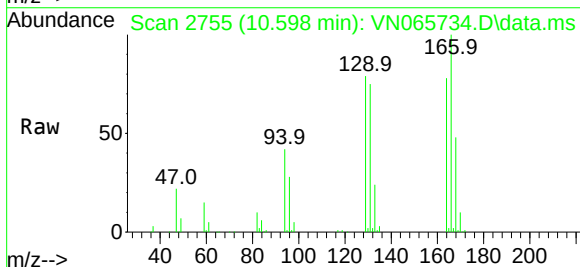
Ion	Ratio	Lower	Upper
97	100		
83	243.3	67.7	101.5#
85	35.4	44.5	66.7#
99	0.0	49.4	74.0#

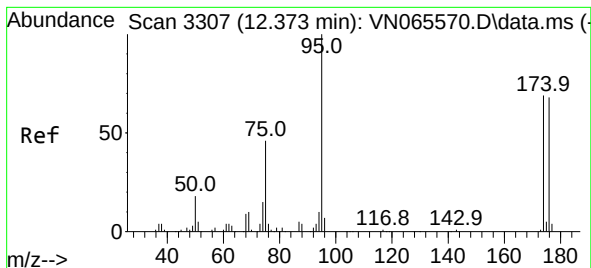


#60
Dibromochloromethane
Concen: 46.30 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 129 Resp: 107532

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

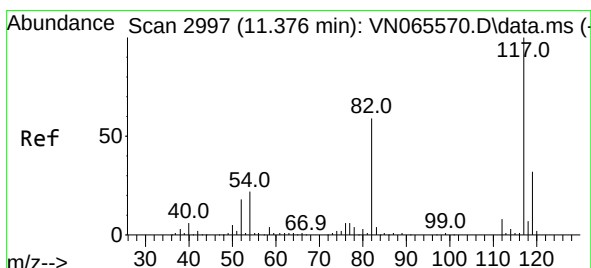
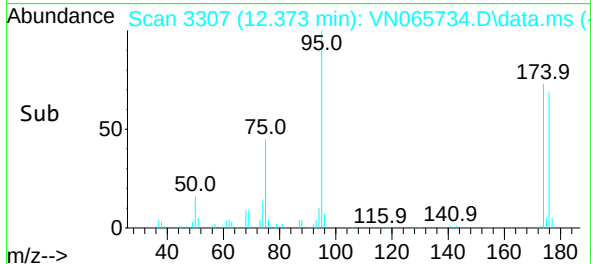
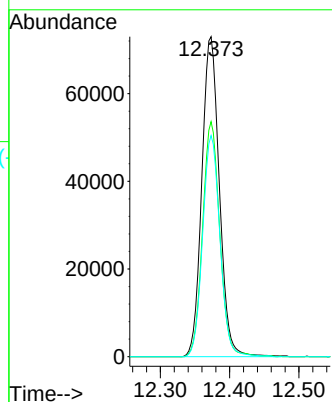
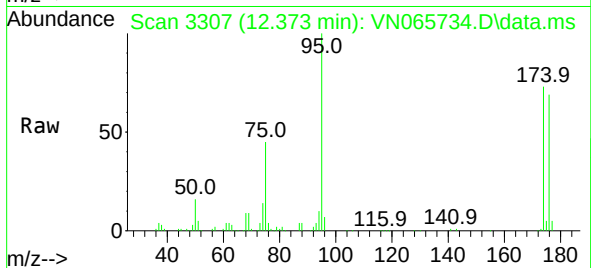




#62
4-Bromofluorobenzene
Concen: 46.71 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

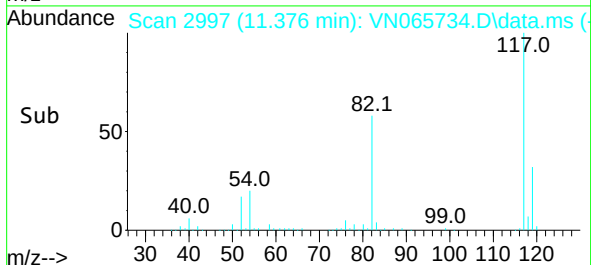
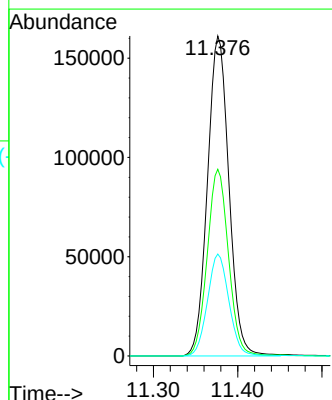
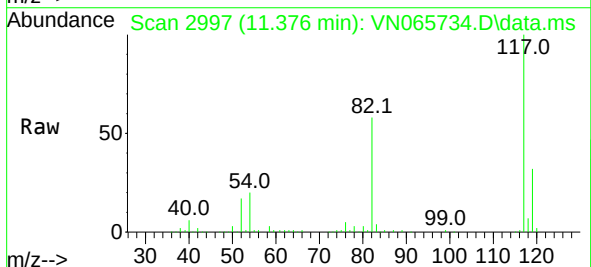
Instrument :
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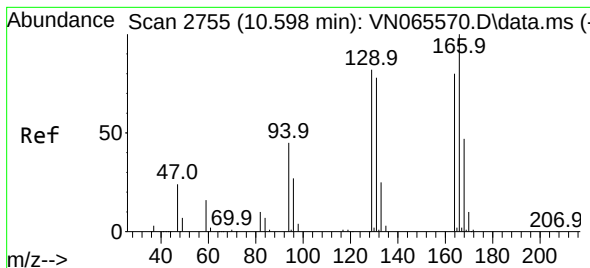
Tgt Ion: 95 Resp: 128222
Ion Ratio Lower Upper
95 100
174 71.7 0.0 169.0
176 68.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 117 Resp: 285348
Ion Ratio Lower Upper
117 100
82 58.4 43.7 65.5
119 31.9 26.1 39.1





#64

Tetrachloroethene

Concen: 47.94 ug/l

RT: 10.598 min Scan# 2755

Delta R.T. 0.000 min

Lab File: VN065734.D

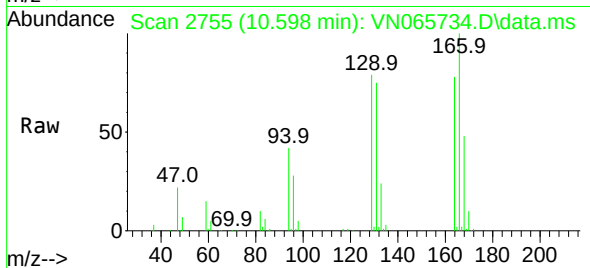
Acq: 5 Feb 2021 13:38

Instrument :

MSVOA_N

ClientSampleId :

152140-DDC-2-PDDL



Tgt Ion:164 Resp: 114647

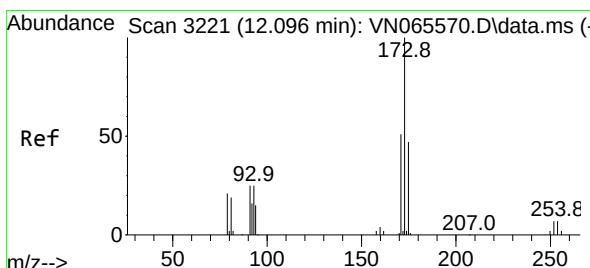
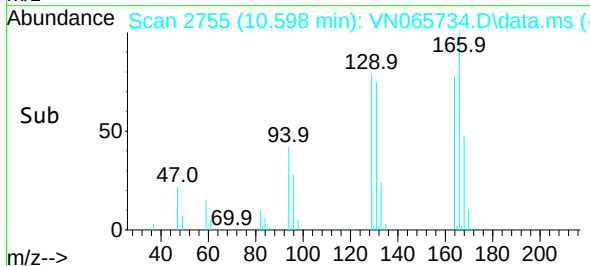
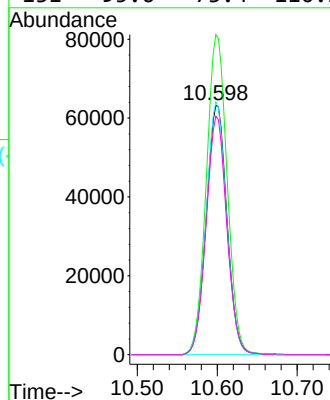
Ion Ratio Lower Upper

164 100

166 128.3 102.6 154.0

129 101.4 76.2 114.4

131 95.6 73.4 110.2



#71

Bromoform

Concen: 0.41 ug/l

RT: 12.380 min Scan# 3309

Delta R.T. 0.284 min

Lab File: VN065734.D

Acq: 5 Feb 2021 13:38

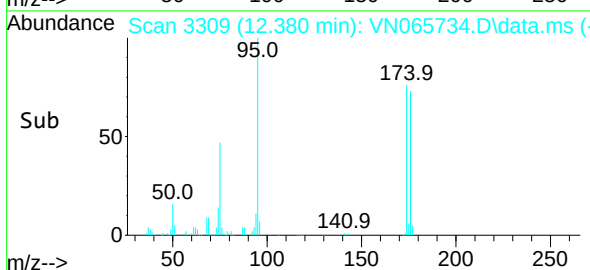
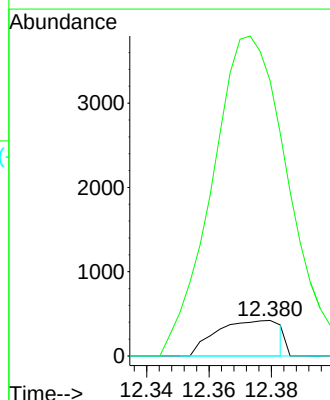
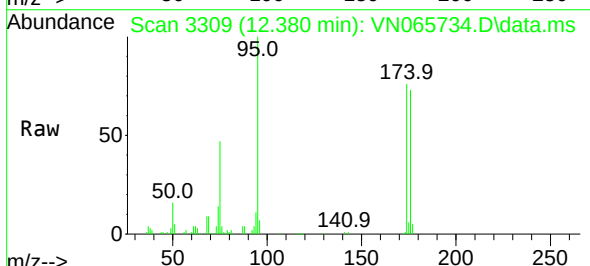
Tgt Ion:173 Resp: 596

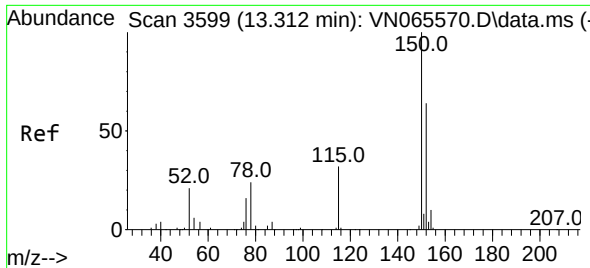
Ion Ratio Lower Upper

173 100

175 904.2 23.8 71.2#

254 0.0 0.0 0.0

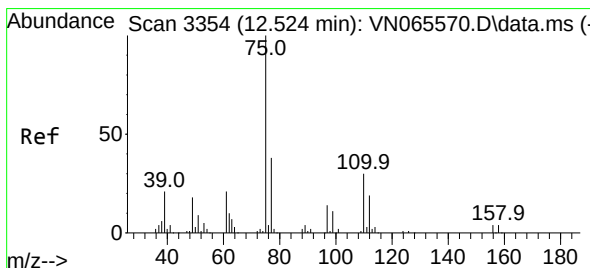
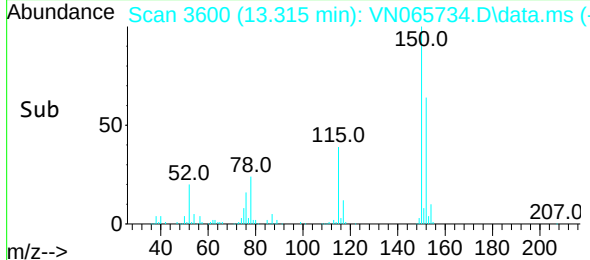
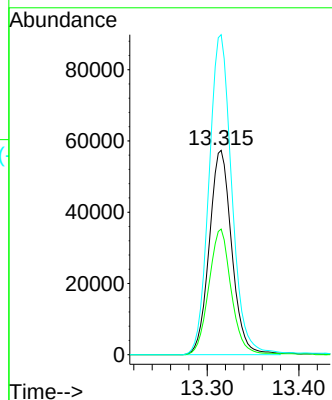
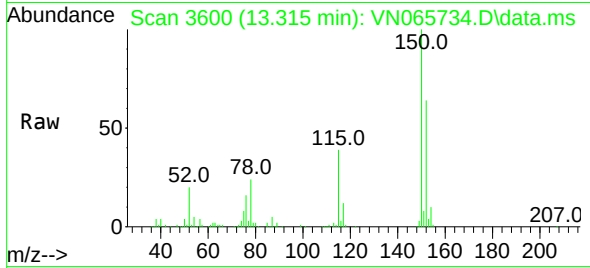




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

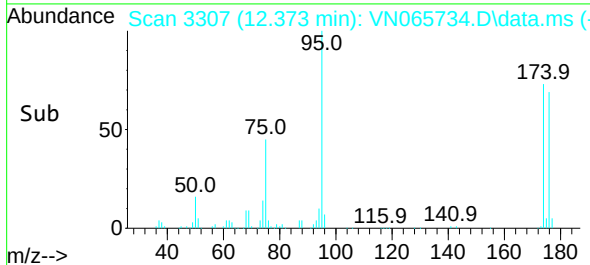
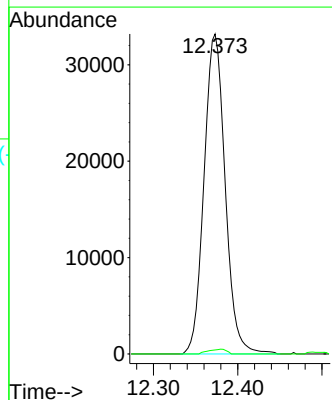
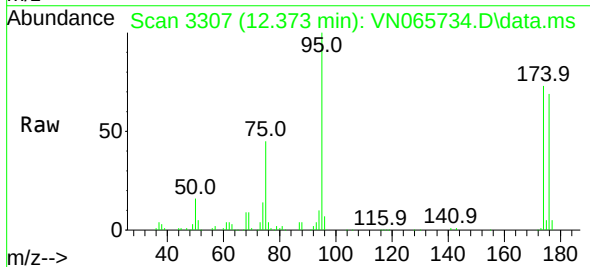
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

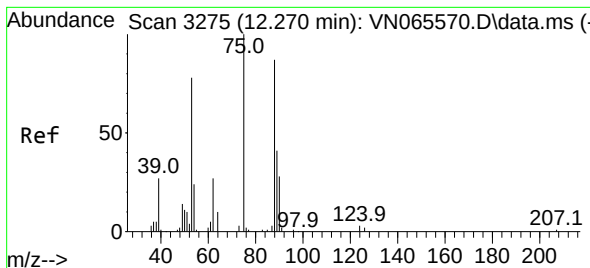
Tgt Ion:152 Resp: 98022
Ion Ratio Lower Upper
152 100
115 61.1 28.5 85.6
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.62 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 75 Resp: 57984
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

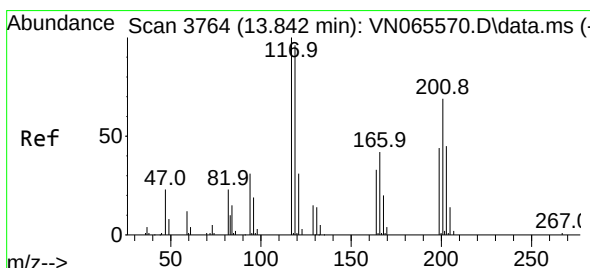
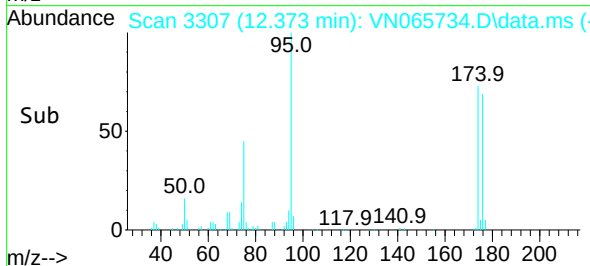
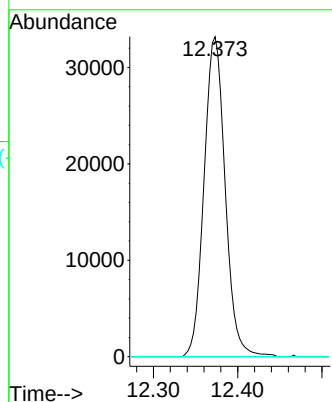
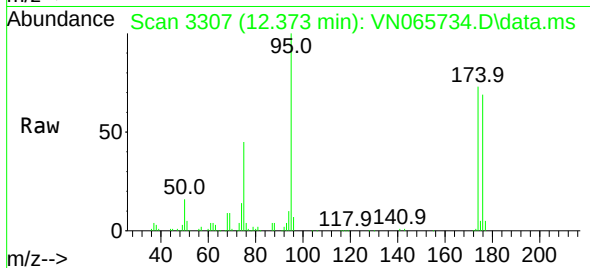




#81
trans-1,4-Dichloro-2-butene
Concen: 57.94 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

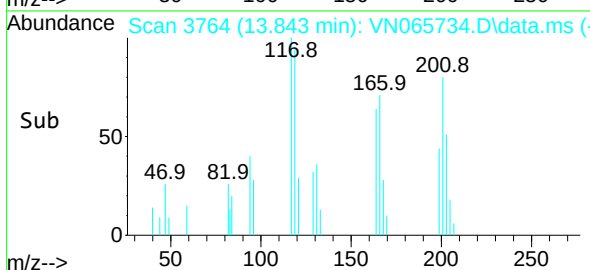
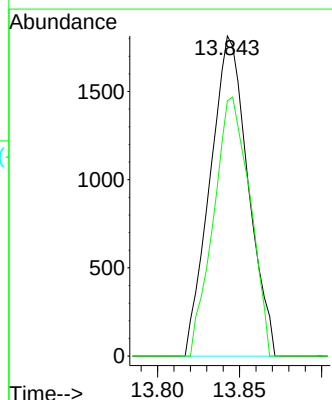
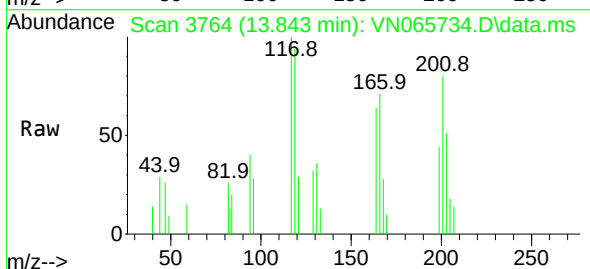
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

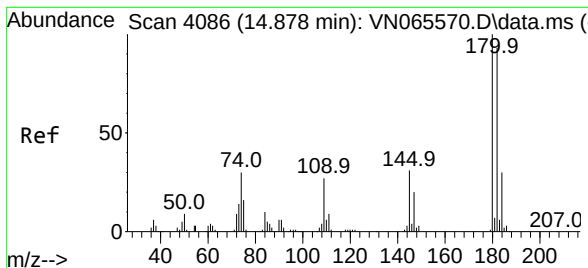
Tgt Ion: 75 Resp: 57984
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 2.30 ug/l
RT: 13.843 min Scan# 3764
Delta R.T. 0.001 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion: 117 Resp: 2917
Ion Ratio Lower Upper
117 100
201 77.5 37.8 113.3

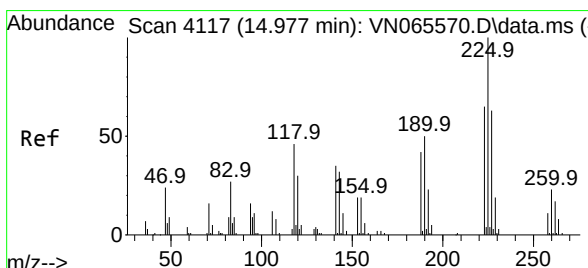
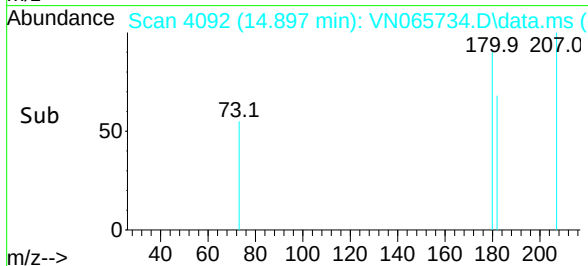
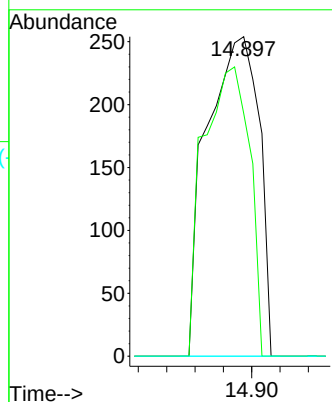
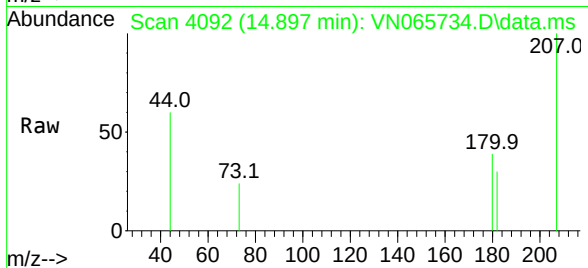




#93
1,2,4-Trichlorobenzene
Concen: 3.52 ug/l
RT: 14.897 min Scan# 4092
Delta R.T. 0.019 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

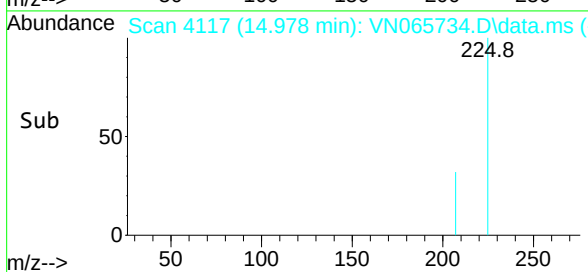
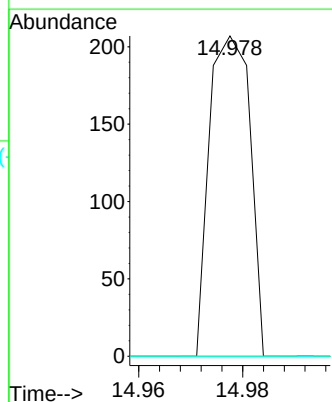
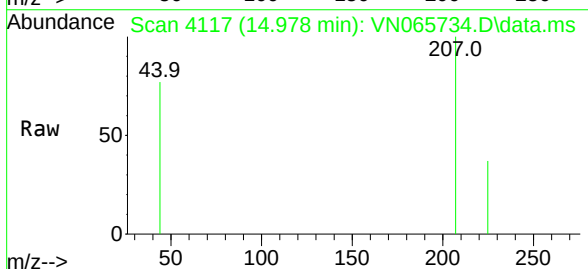
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

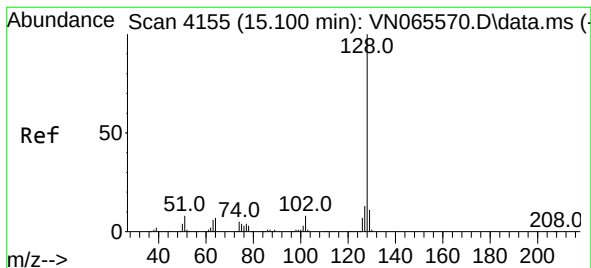
Tgt Ion:180 Resp: 323
Ion Ratio Lower Upper
180 100
182 80.2 47.3 142.0
145 0.0 15.6 46.8#



#94
Hexachlorobutadiene
Concen: 0.35 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. 0.001 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

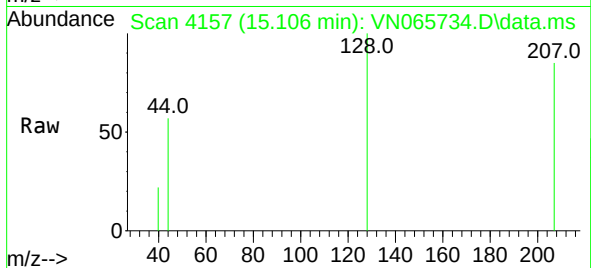
Tgt Ion:225 Resp: 112
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 0.0 31.6 95.0#



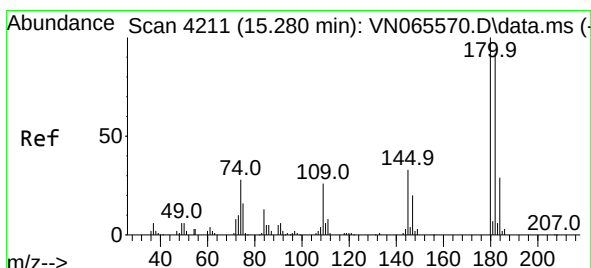
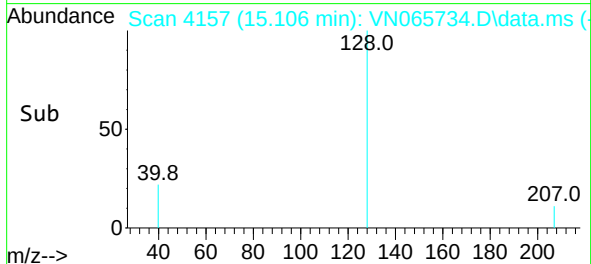
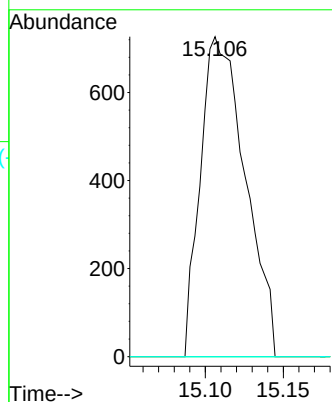


#95
Naphthalene
Concen: 3.66 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL



Tgt Ion:128 Resp: 1453
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.10 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN065734.D
Acq: 5 Feb 2021 13:38

Tgt Ion:180 Resp: 526
Ion Ratio Lower Upper
180 100
182 82.9 47.4 142.3
145 0.0 16.5 49.5#

