

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065735.D
 Acq On : 5 Feb 2021 14:03
 Operator : JC/MD
 Sample : M1288-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-DDC-4-PS

Quant Time: Feb 05 22:47:33 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)

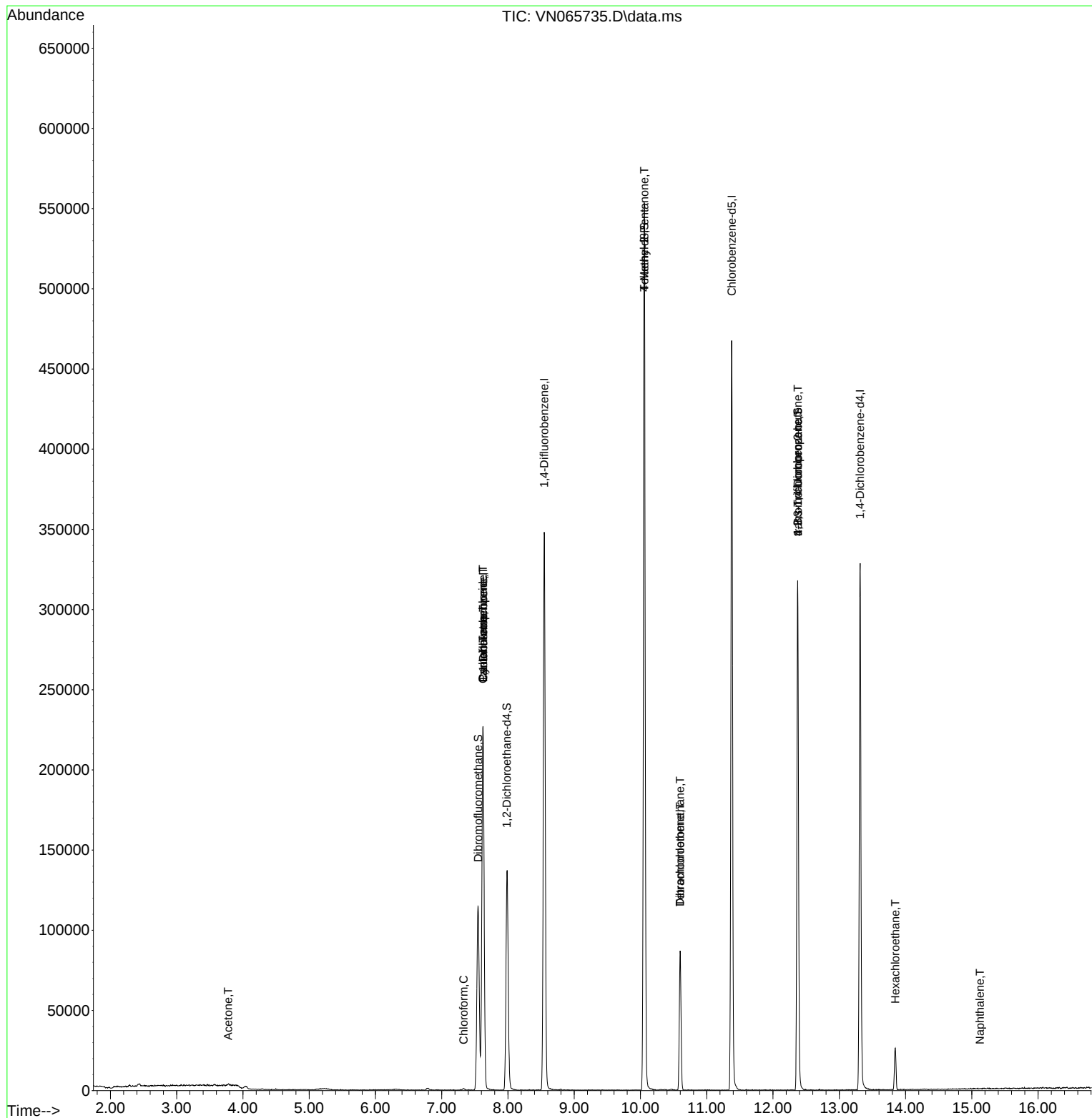
Internal Standards						
1) Pentafluorobenzene	7.624	168	191443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	322955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	286090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	97887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	114988	45.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.32%		
35) Dibromofluoromethane	7.550	113	93654	48.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.88%		
50) Toluene-d8	10.058	98	404897	53.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.64%		
62) 4-Bromofluorobenzene	12.373	95	128674	47.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.00%		
Target Compounds					Qvalue	
16) Acetone	3.775	43	1747	1.78	ug/l #	41
30) Chloroform	7.332	83	1144	0.26	ug/l #	74
31) Cyclohexane	7.624	56	3400	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14263	4.39	ug/l #	47
38) Carbon Tetrachloride	7.621	117	18227	6.81	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1520	0.50	ug/l #	1
60) Dibromochloromethane	10.598	129	21069	9.19	ug/l #	11
64) Tetrachloroethene	10.598	164	21597	9.01	ug/l	96
76) 1,2,3-Trichloropropane	12.373	75	58227	22.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58227	58.27	ug/l #	12
90) Hexachloroethane	13.846	117	5031	3.96	ug/l	96
95) Naphthalene	15.122	128	246	3.49	ug/l #	69

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

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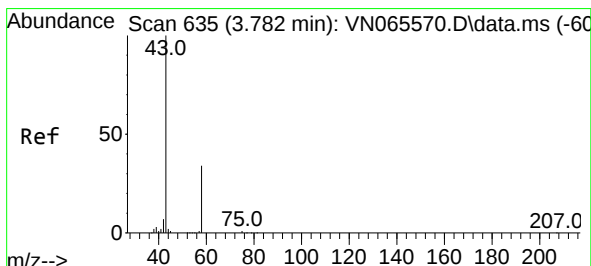
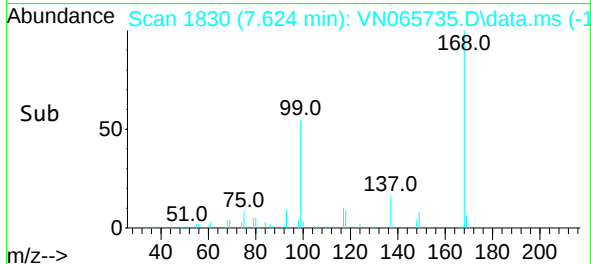
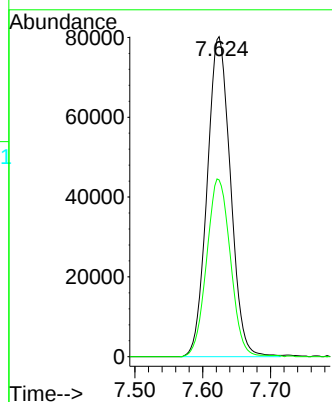
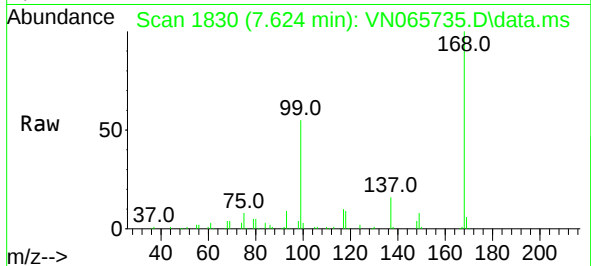




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

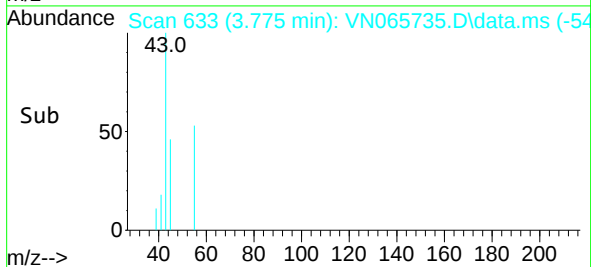
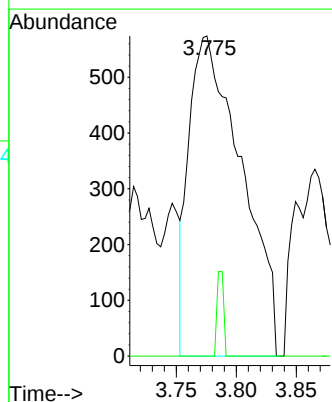
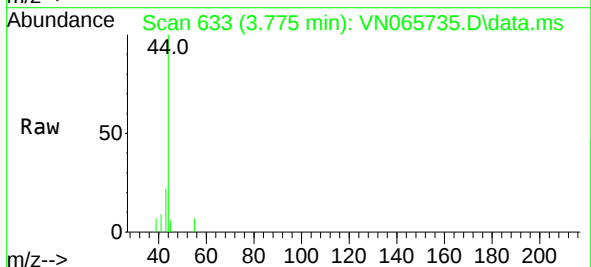
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS

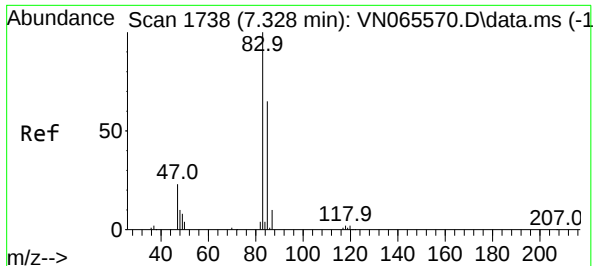
Tgt Ion:168 Resp: 191443
Ion Ratio Lower Upper
168 100
99 55.3 42.6 63.8



#16
Acetone
Concen: 1.78 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#30

Chloroform

Concen: 0.26 ug/l

RT: 7.332 min Scan# 1739

Delta R.T. 0.004 min

Lab File: VN065735.D

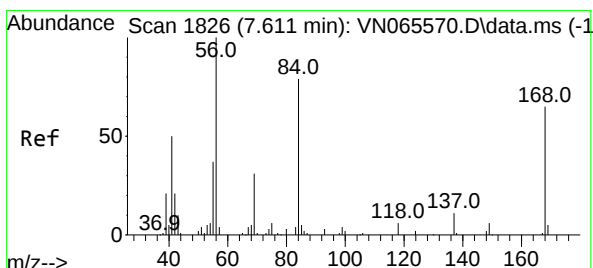
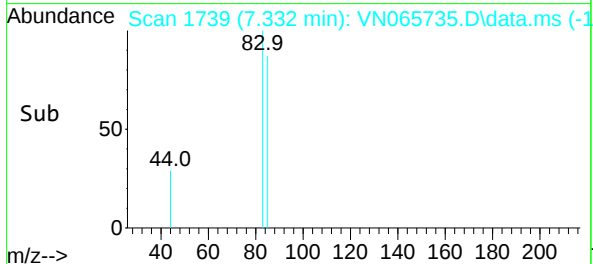
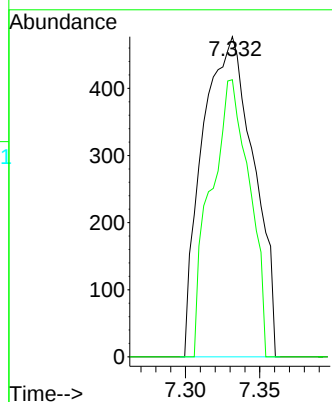
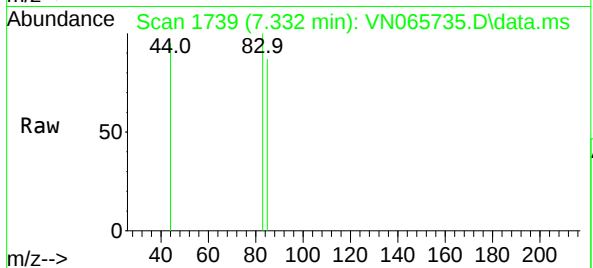
Acq: 5 Feb 2021 14:03

Tgt Ion: 83 Resp: 1144

Ion Ratio Lower Upper

83 100

85 86.6 52.6 78.8#



#31

Cyclohexane

Concen: 0.72 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065735.D

Acq: 5 Feb 2021 14:03

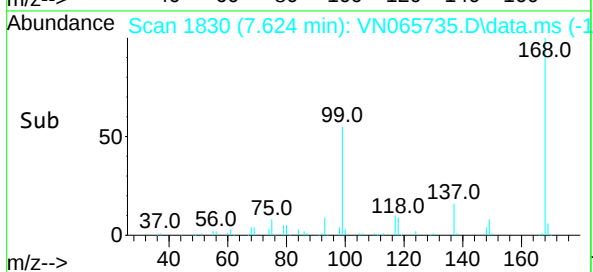
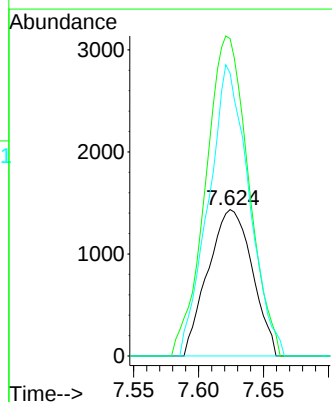
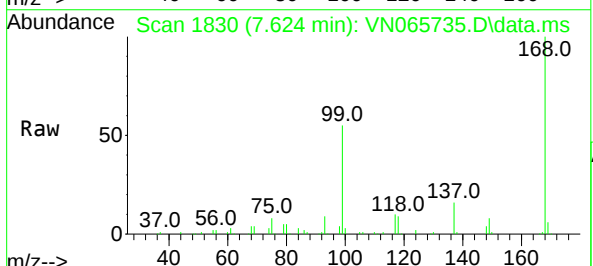
Tgt Ion: 56 Resp: 3400

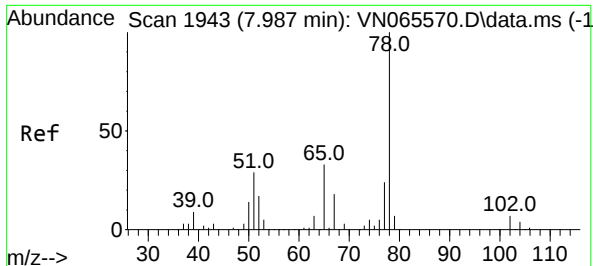
Ion Ratio Lower Upper

56 100

69 216.8 26.6 39.8#

84 193.1 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 45.66 ug/l

RT: 7.984 min Scan# 1942

Delta R.T. -0.003 min

Lab File: VN065735.D

Acq: 5 Feb 2021 14:03

Tgt Ion: 65 Resp: 114988

Ion Ratio Lower Upper

65 100

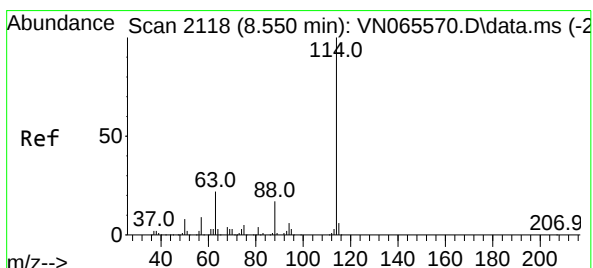
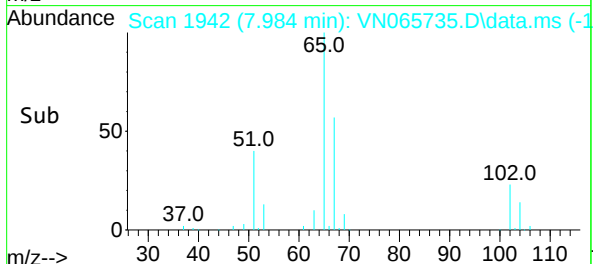
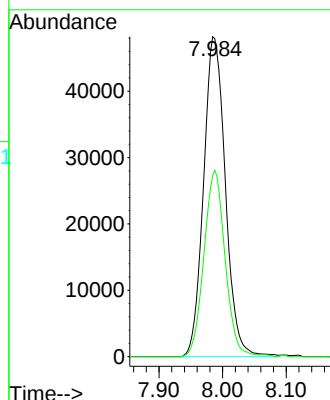
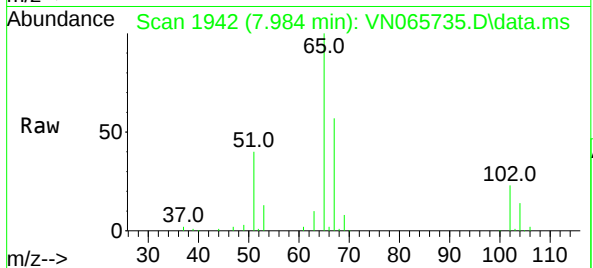
67 56.2 0.0 107.2

Instrument :

MSVOA_N

ClientSampleId :

152140-DDC-4-PS



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065735.D

Acq: 5 Feb 2021 14:03

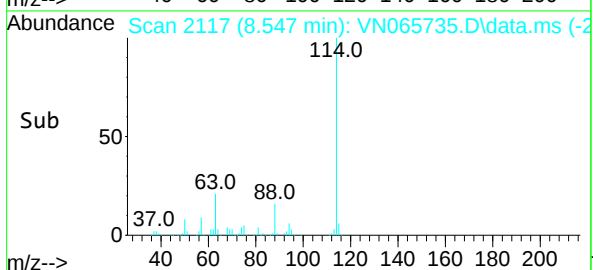
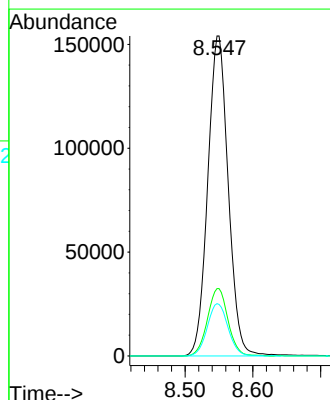
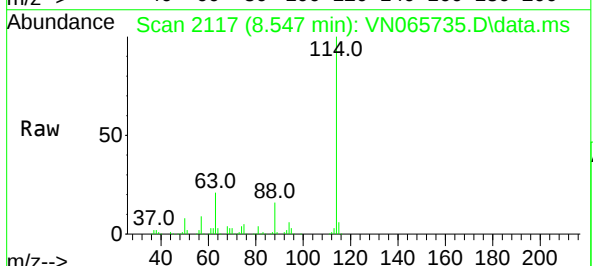
Tgt Ion: 114 Resp: 322955

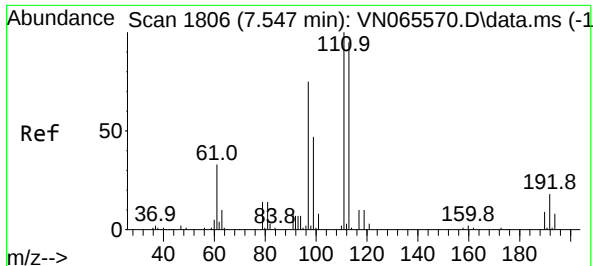
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.6

88 16.4 0.0 30.6

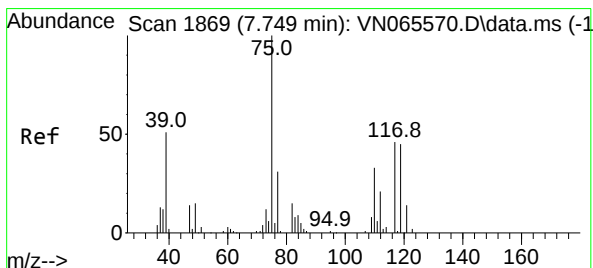
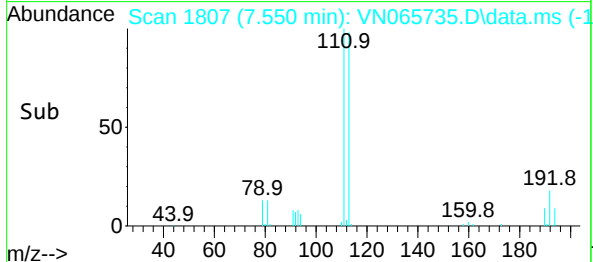
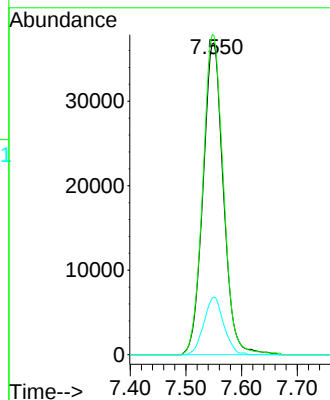
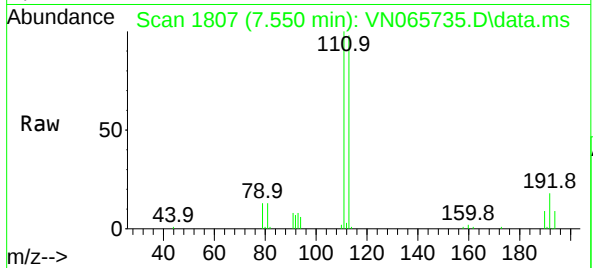




#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

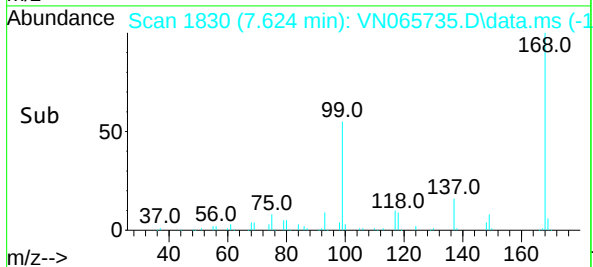
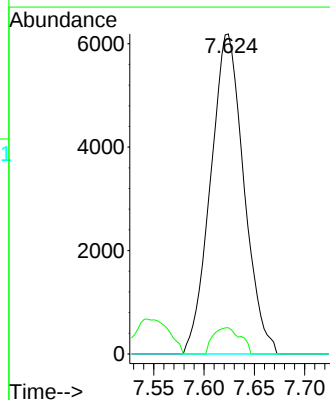
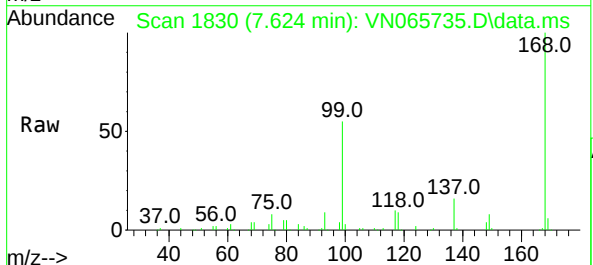
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS

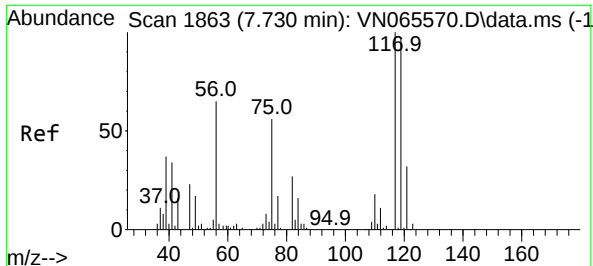
Tgt Ion:113 Resp: 93654
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

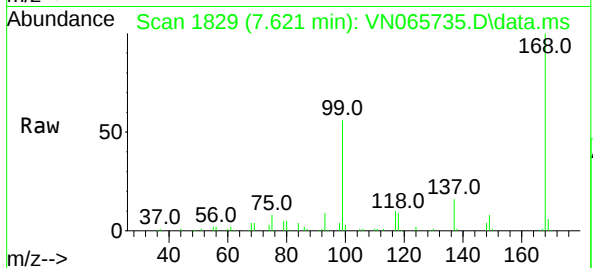
Tgt Ion: 75 Resp: 14263
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#



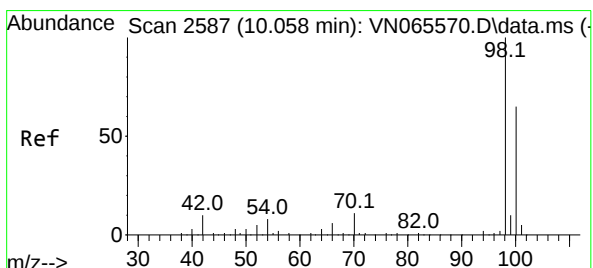
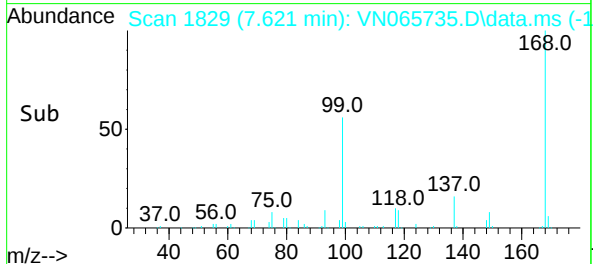
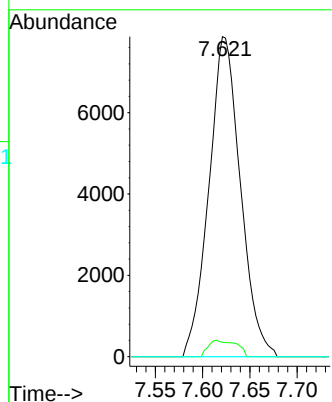


#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS

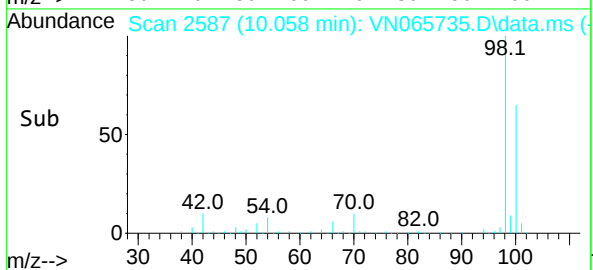
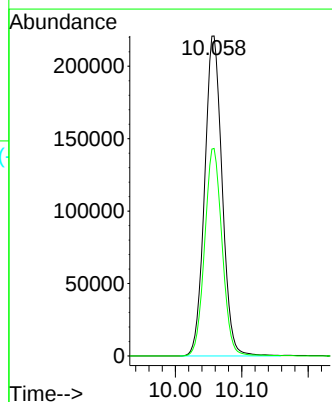
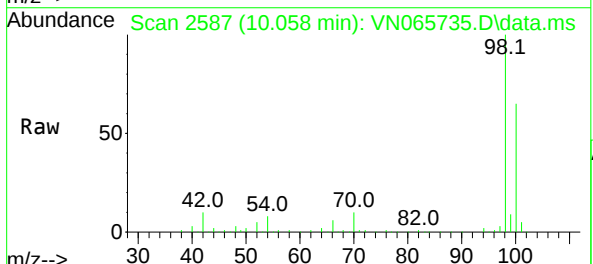


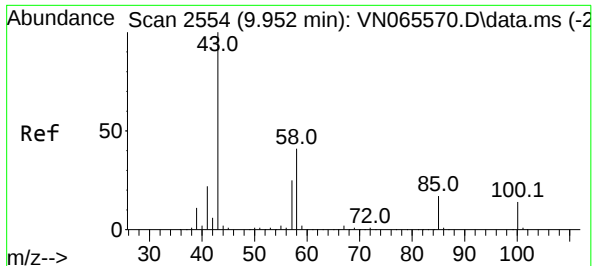
Tgt Ion:117 Resp: 18227
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.82 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Tgt Ion: 98 Resp: 404897
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

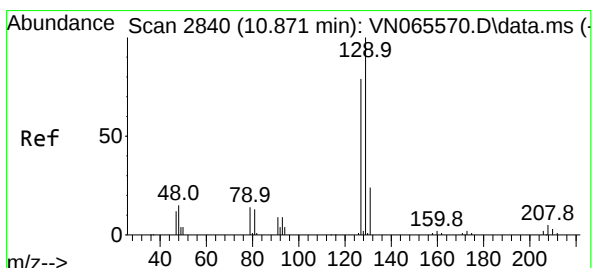
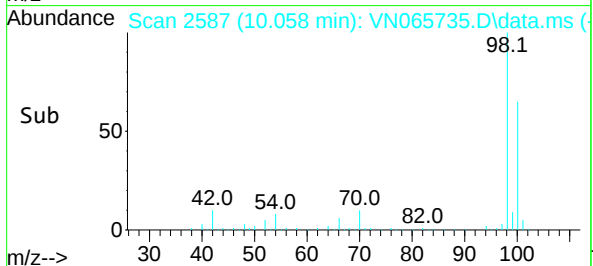
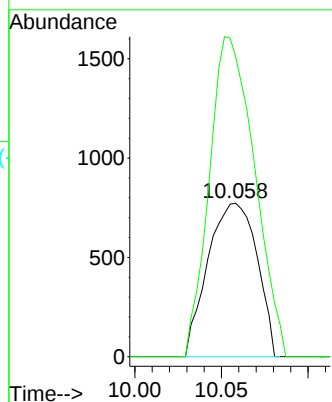
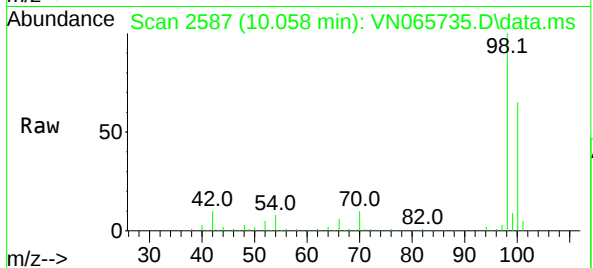




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

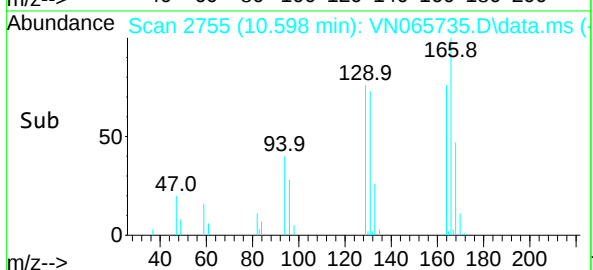
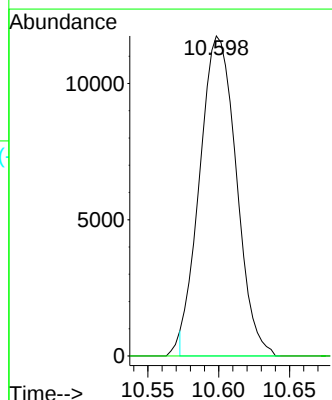
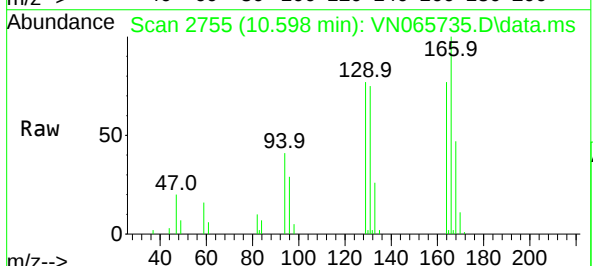
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ClientSampleId :
152140-DDC-4-PS

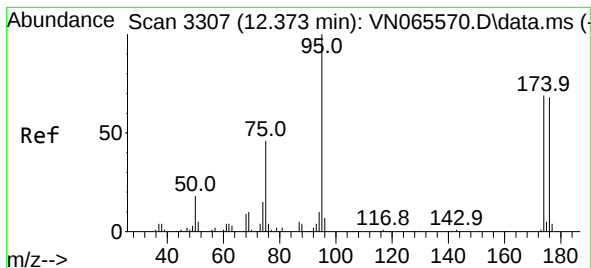
Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
58 192.4 32.5 48.7#



#60
Dibromochloromethane
Concen: 9.19 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Tgt Ion: 129 Resp: 21069
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

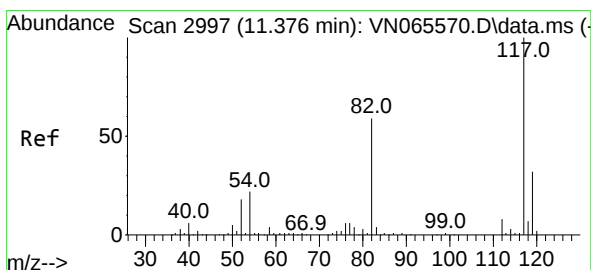
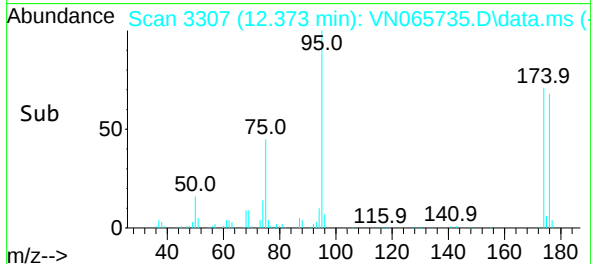
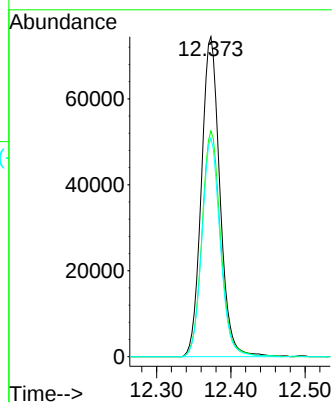
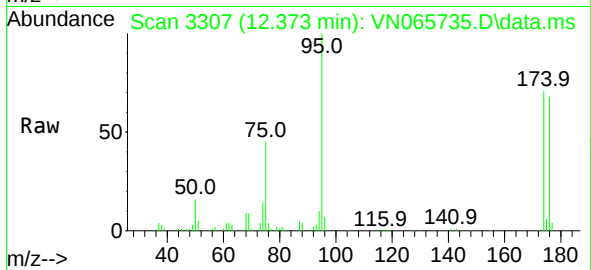




#62
4-Bromofluorobenzene
Concen: 47.50 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

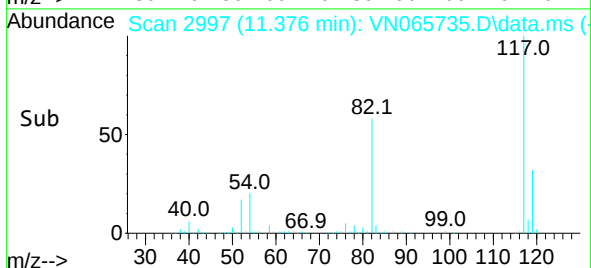
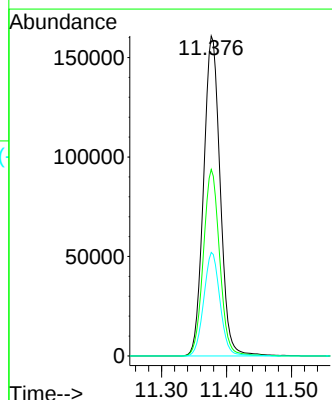
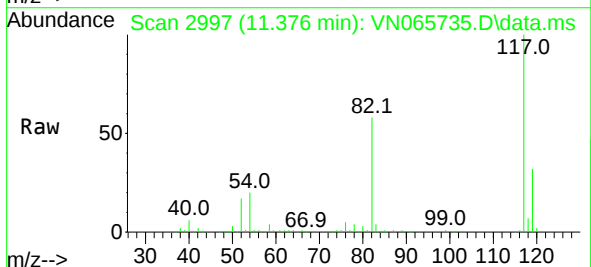
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS

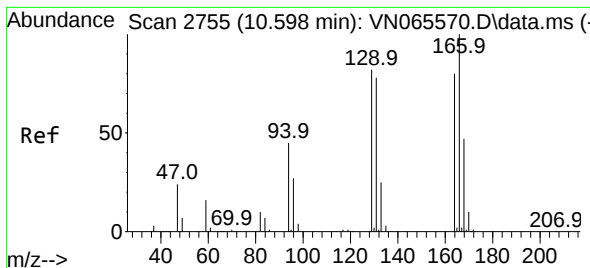
Tgt Ion: 95 Resp: 128674
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

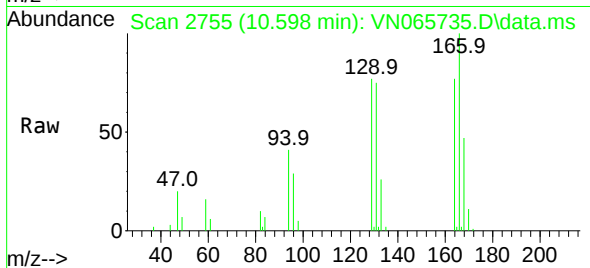
Tgt Ion: 117 Resp: 286090
Ion Ratio Lower Upper
117 100
82 58.3 43.7 65.5
119 32.3 26.1 39.1



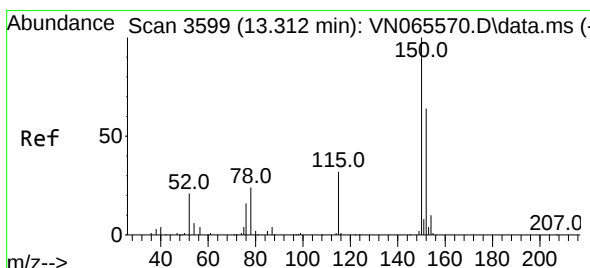
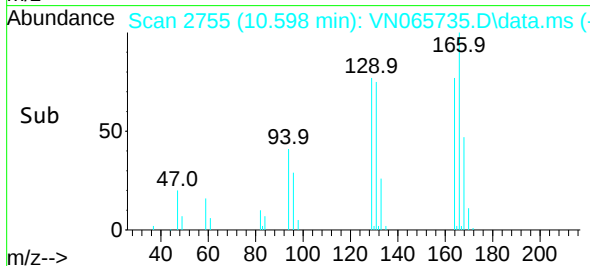
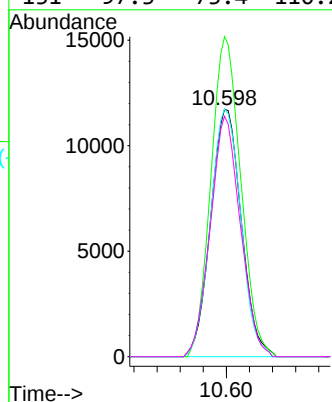


#64
Tetrachloroethene
Concen: 9.01 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

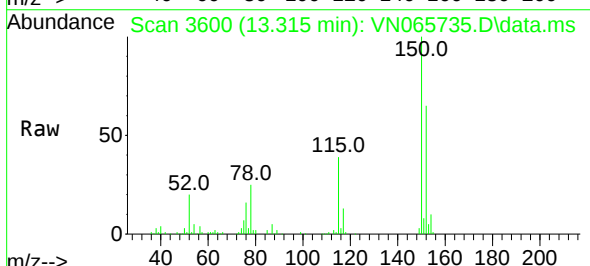
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS



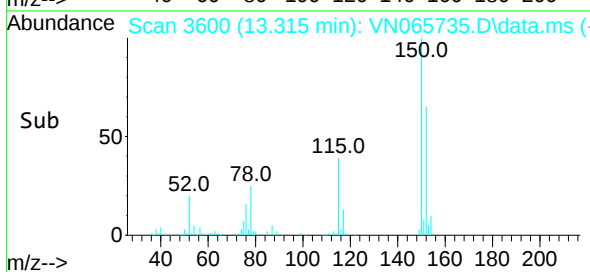
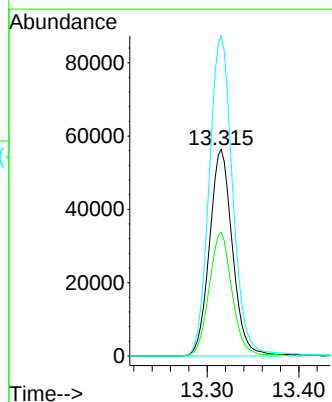
Tgt Ion:164	Resp:	21597
Ion	Ratio	Lower Upper
164	100	
166	129.4	102.6 154.0
129	100.2	76.2 114.4
131	97.3	73.4 110.2

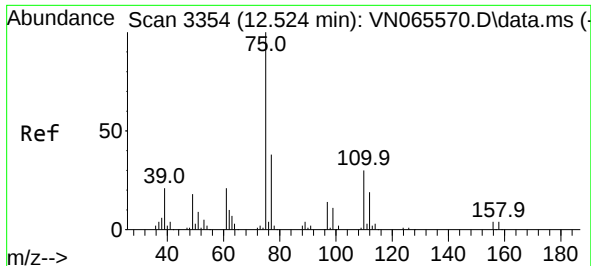


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03



Tgt Ion:152	Resp:	97887
Ion	Ratio	Lower Upper
152	100	
115	59.8	28.5 85.6
150	159.7	0.0 347.6

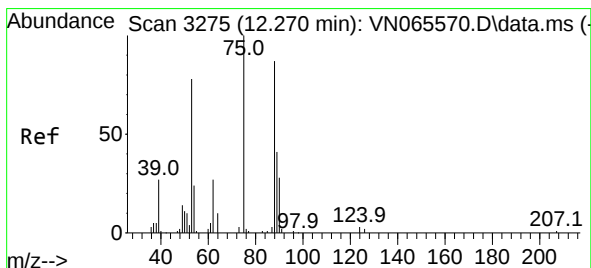
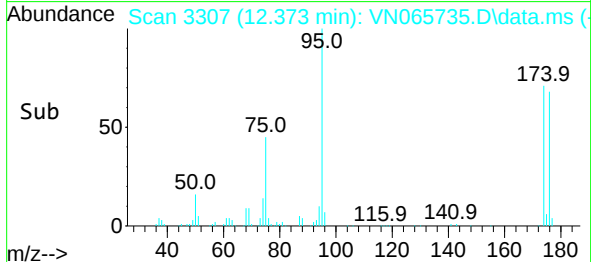
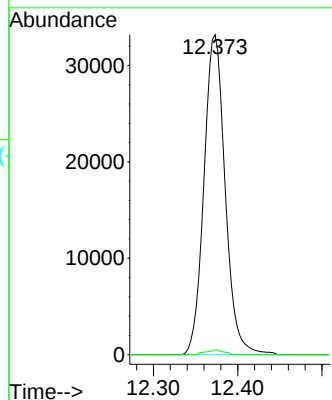
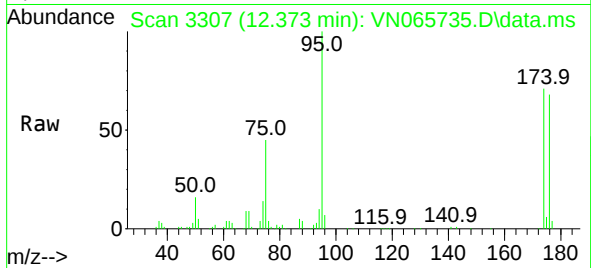




#76
1,2,3-Trichloropropane
Concen: 22.75 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

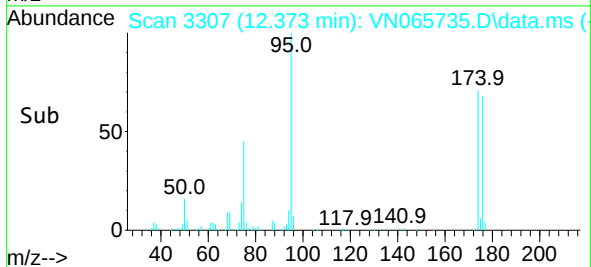
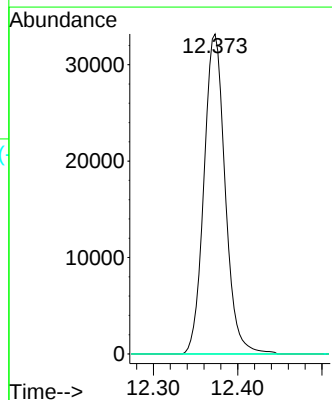
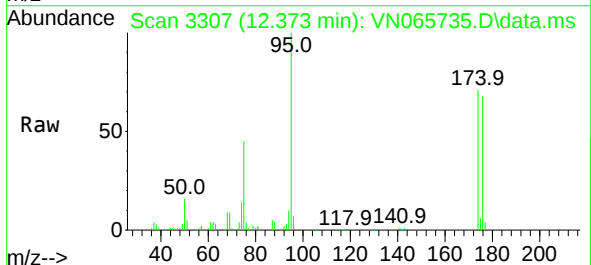
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS

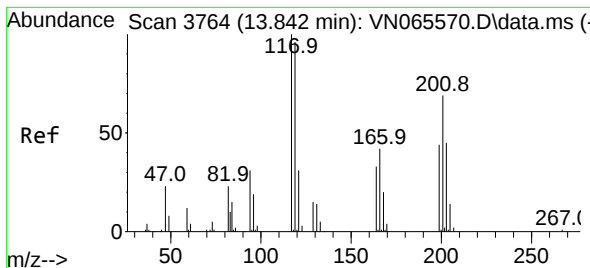
Tgt Ion: 75 Resp: 58227
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Tgt Ion: 75 Resp: 58227
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

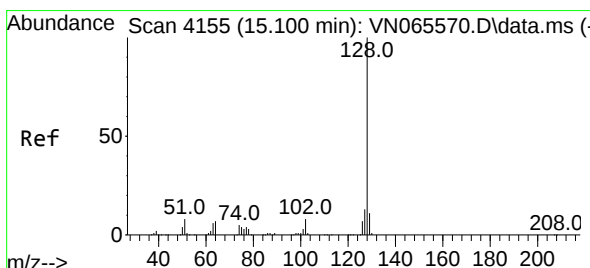
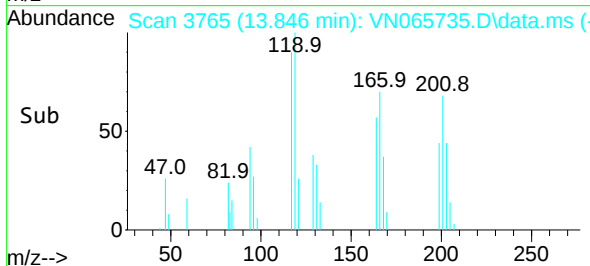
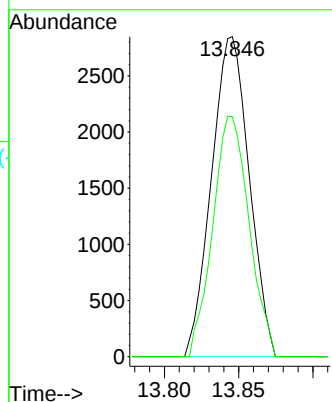
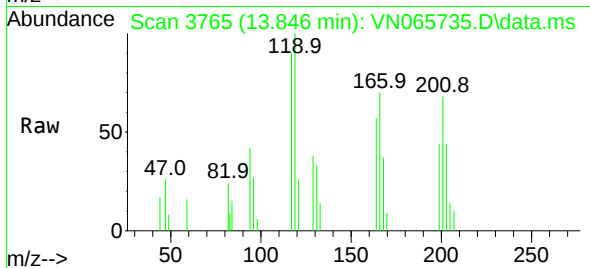




#90
Hexachloroethane
Concen: 3.96 ug/l
RT: 13.846 min Scan# 3765
Delta R.T. 0.004 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-4-PS

Tgt Ion:117 Resp: 5031
Ion Ratio Lower Upper
117 100
201 72.4 37.8 113.3



#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.122 min Scan# 4162
Delta R.T. 0.022 min
Lab File: VN065735.D
Acq: 5 Feb 2021 14:03

Tgt Ion:128 Resp: 246
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

