

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065720.D
 Acq On : 4 Feb 2021 16:18
 Operator : JC/MD
 Sample : M1288-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:18:36 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)

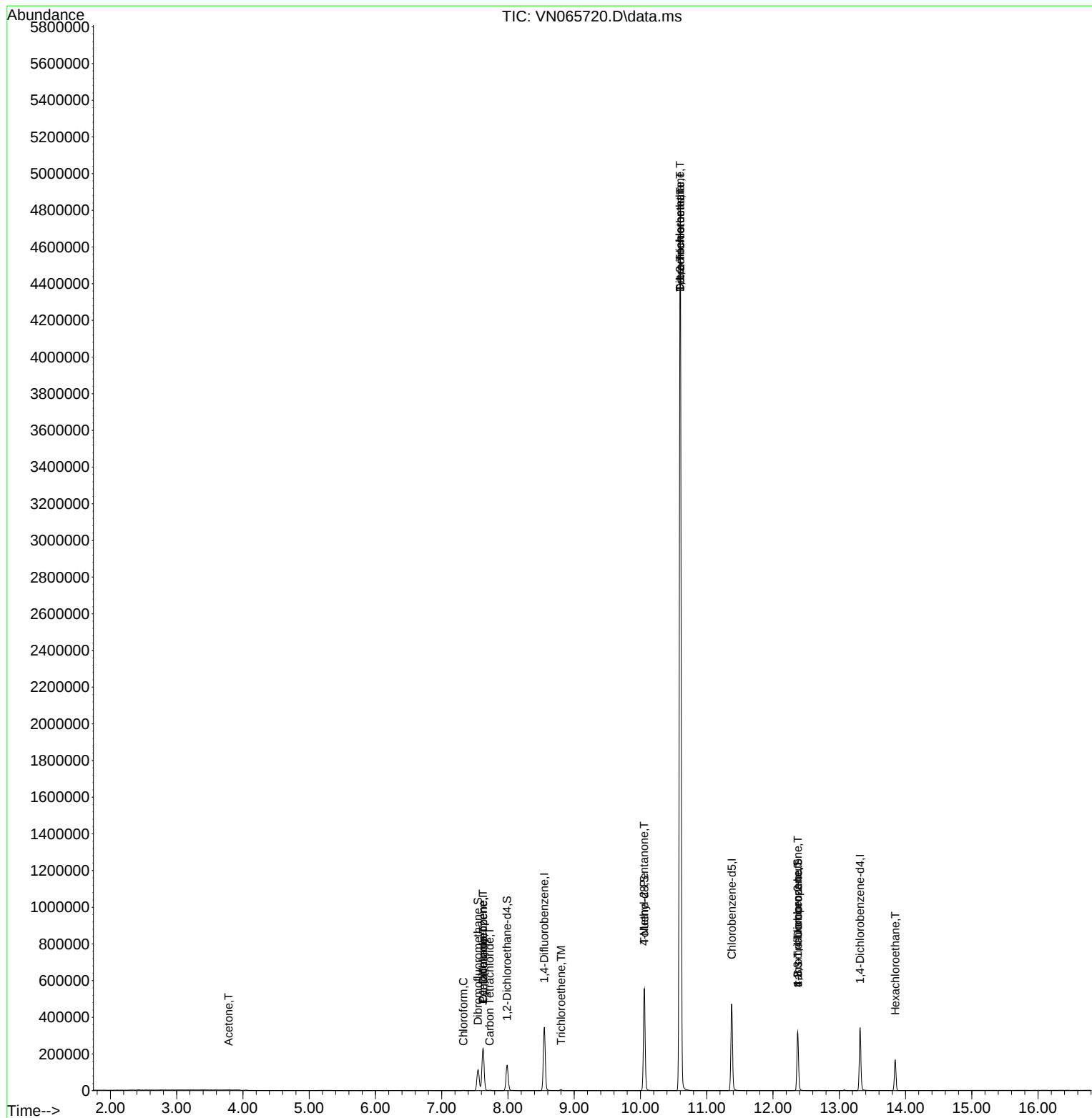
Internal Standards						
1) Pentafluorobenzene	7.624	168	192392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	327318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	286912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	99586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	115180	45.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.02%		
35) Dibromofluoromethane	7.547	113	94643	48.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.58%		
50) Toluene-d8	10.058	98	406611	53.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.66%		
62) 4-Bromofluorobenzene	12.373	95	131609	47.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.88%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	741	0.75	ug/l #	41
30) Chloroform	7.328	83	1652	0.38	ug/l	99
31) Cyclohexane	7.624	56	3784	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14916	4.53	ug/l #	47
38) Carbon Tetrachloride	7.720	117	875	0.32	ug/l #	82
44) Trichloroethene	8.801	130	2199	0.90	ug/l	94
51) 4-Methyl-2-Pentanone	10.055	43	1719	0.56	ug/l #	1
55) 1,1,2-Trichloroethane	10.598	97	9381	4.13	ug/l #	1
60) Dibromochloromethane	10.598	129	1167006	502.43	ug/l #	11
64) Tetrachloroethene	10.601	164	1182085	491.63	ug/l	97
76) 1,2,3-Trichloropropane	12.373	75	59350	22.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	59350	58.38	ug/l #	12
90) Hexachloroethane	13.846	117	34765	26.92	ug/l	95

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

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Instrument :
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Quant Time: Feb 05 02:18:36 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

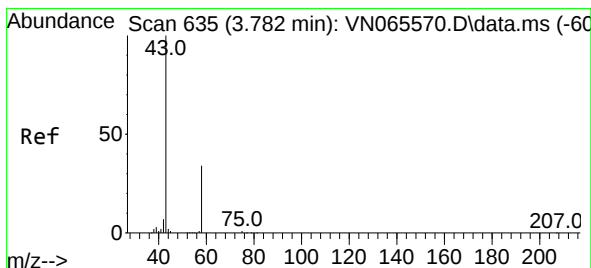
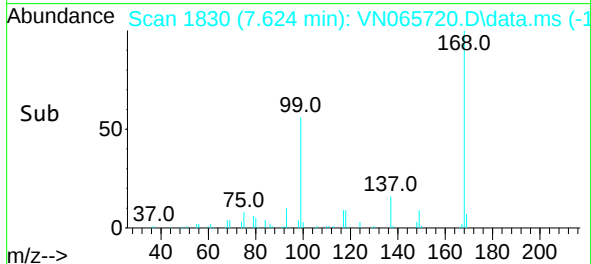
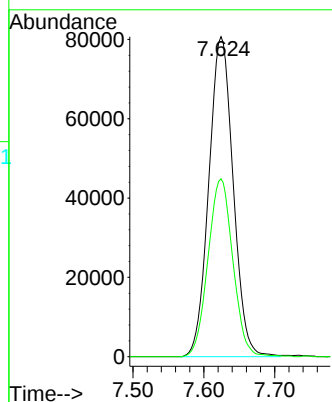
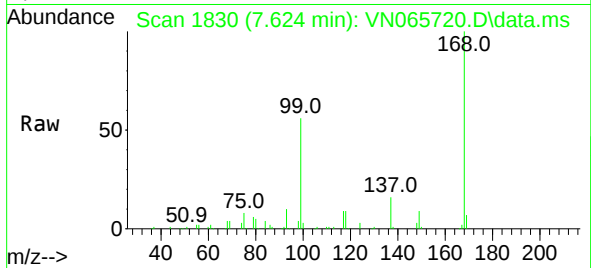




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

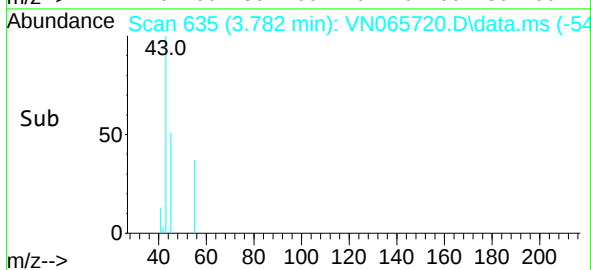
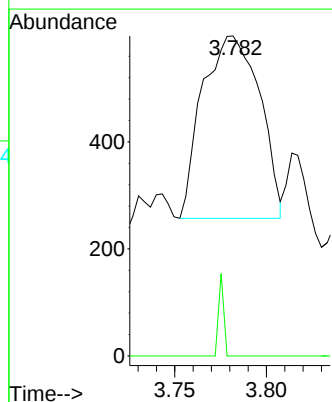
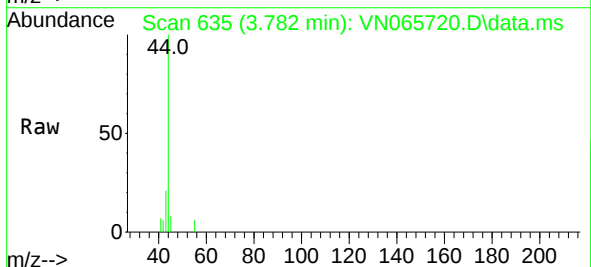
Instrument :
MSVOA_N
ClientSampled :

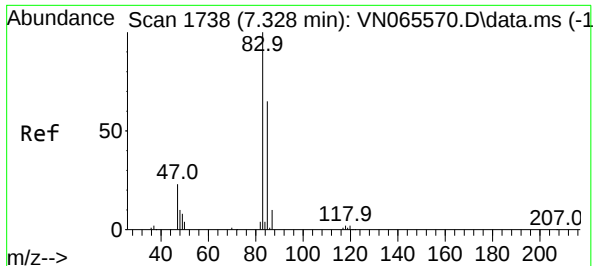
Tgt Ion:168 Resp: 192392
Ion Ratio Lower Upper
168 100
99 55.6 42.6 63.8



#16
Acetone
Concen: 0.75 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#30

Chloroform

Concen: 0.38 ug/l

RT: 7.328 min Scan# 1738

Delta R.T. 0.000 min

Lab File: VN065720.D

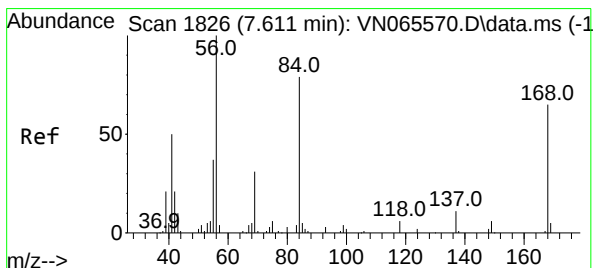
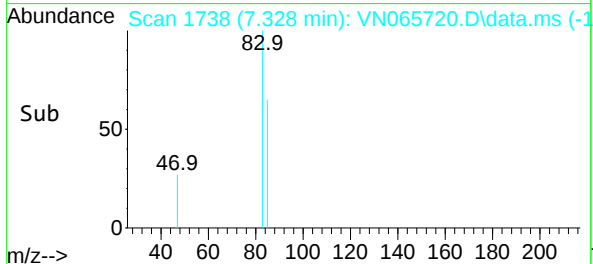
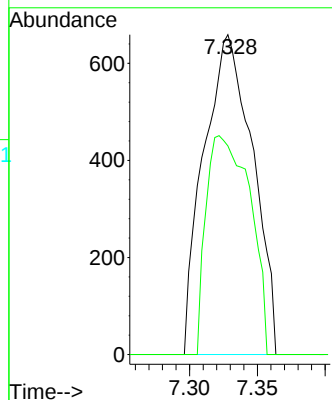
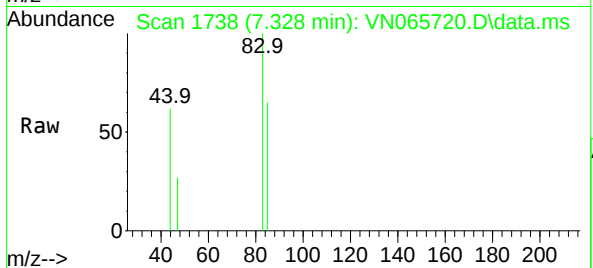
Acq: 4 Feb 2021 16:18

Tgt Ion: 83 Resp: 1652

Ion Ratio Lower Upper

83 100

85 65.3 52.6 78.8



#31

Cyclohexane

Concen: 0.79 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065720.D

Acq: 4 Feb 2021 16:18

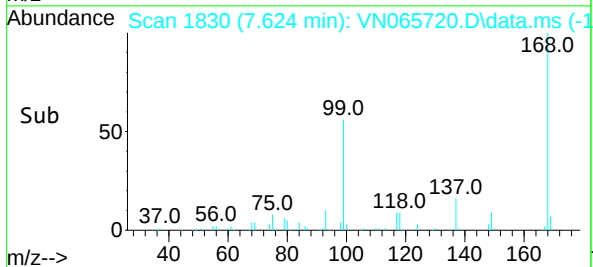
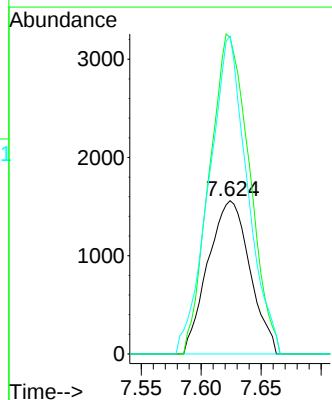
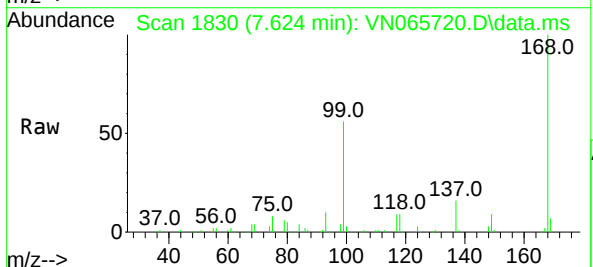
Tgt Ion: 56 Resp: 3784

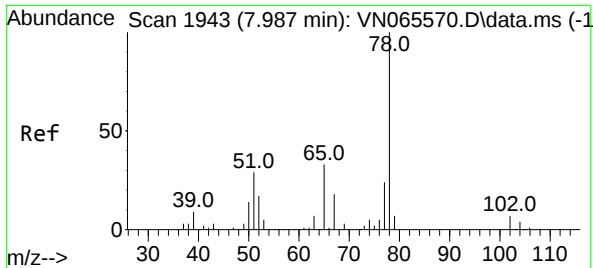
Ion Ratio Lower Upper

56 100

69 206.3 26.6 39.8#

84 207.5 70.4 105.6#

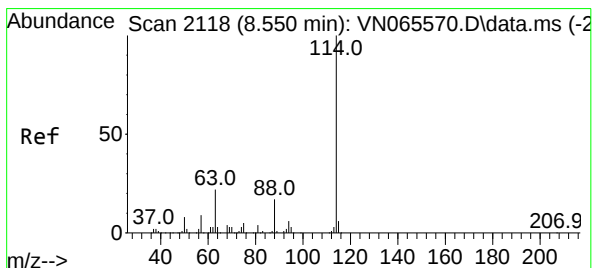
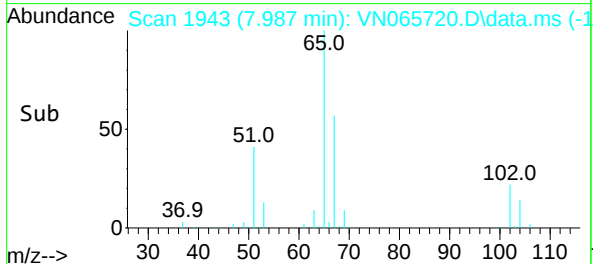
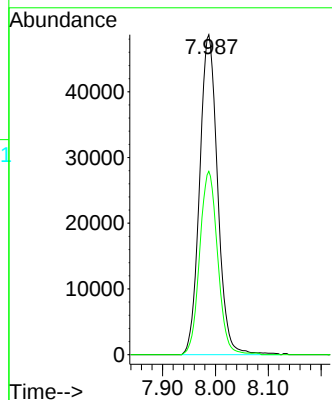
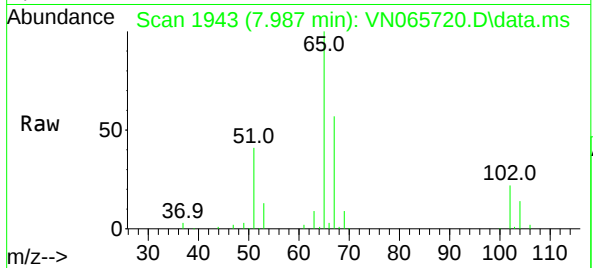




#33
1,2-Dichloroethane-d4
Concen: 45.51 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

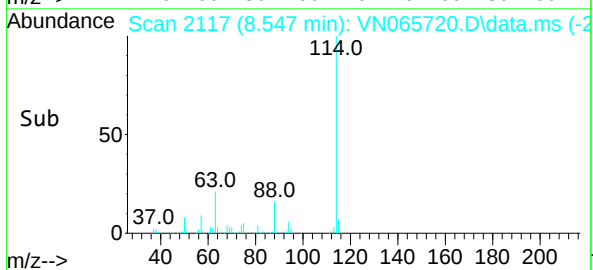
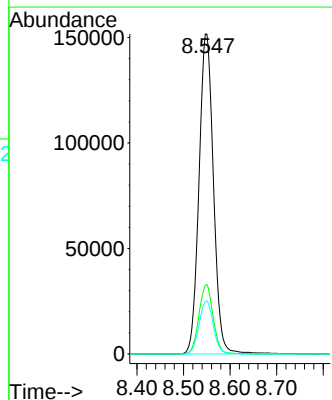
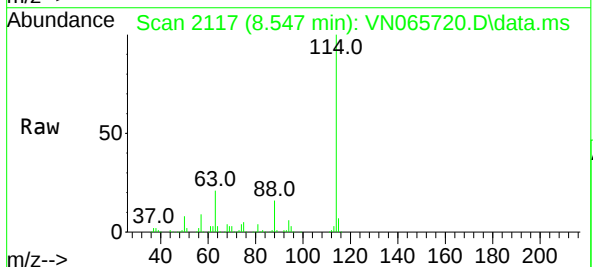
Instrument :
MSVOA_N
ClientSampled :

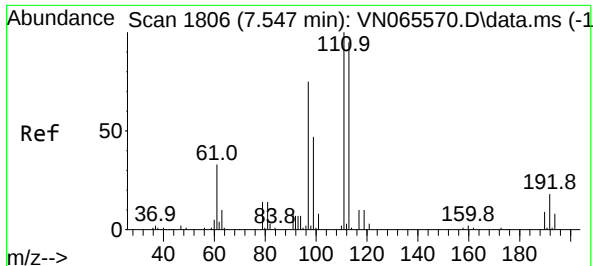
Tgt Ion: 65 Resp: 115180
Ion Ratio Lower Upper
65 100
67 57.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

Tgt Ion: 114 Resp: 327318
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 16.5 0.0 30.6

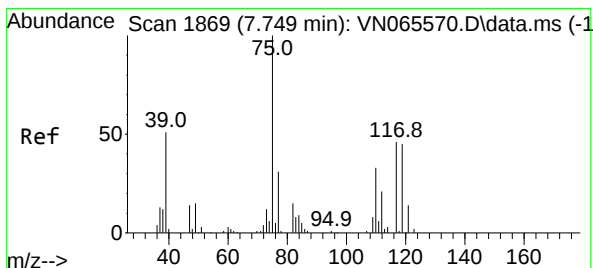
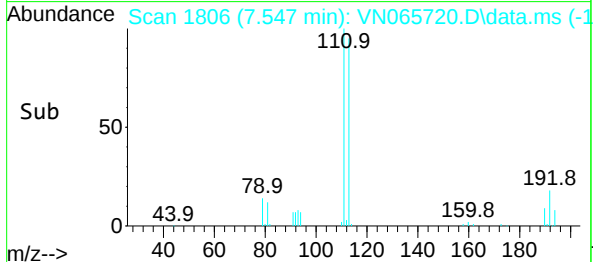
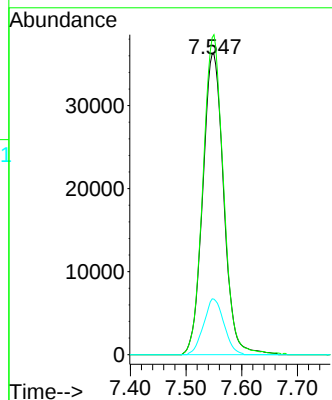
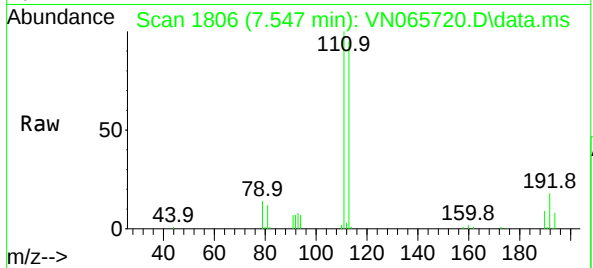




#35
Dibromofluoromethane
Concen: 48.79 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

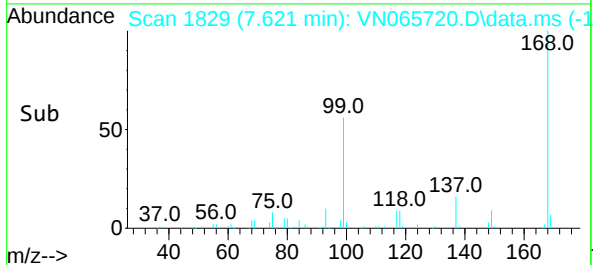
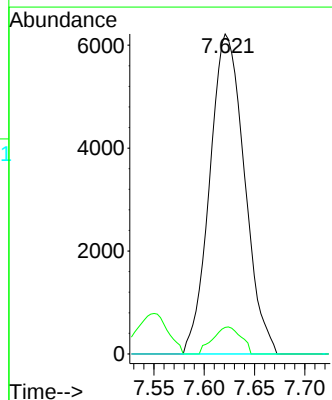
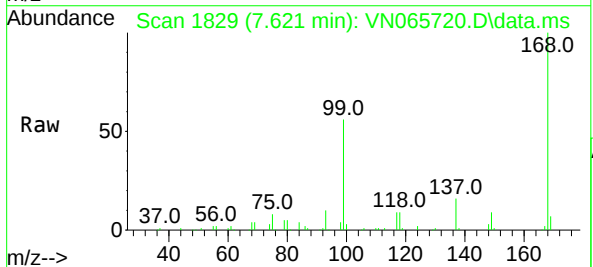
Instrument :
MSVOA_N
ClientSampleId :

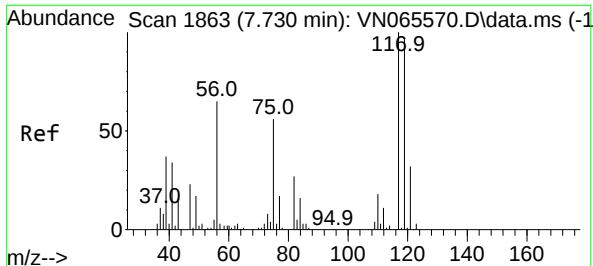
Tgt Ion:113 Resp: 94643
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

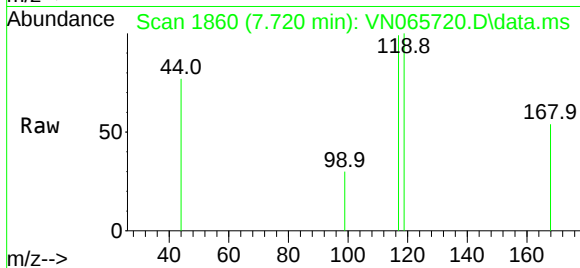
Tgt Ion: 75 Resp: 14916
Ion Ratio Lower Upper
75 100
110 6.8 18.2 54.6#
77 0.0 24.9 37.3#



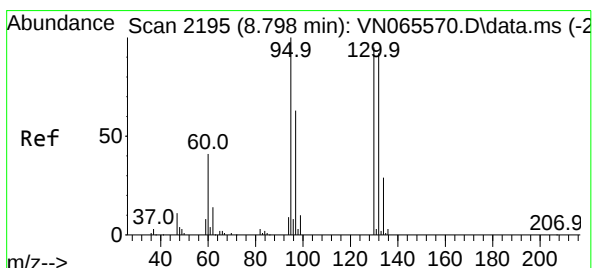
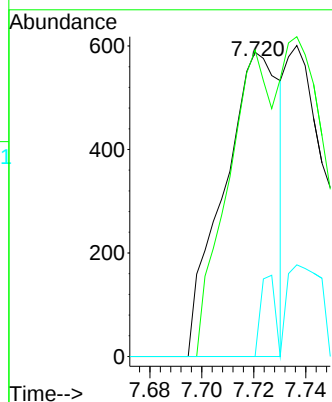
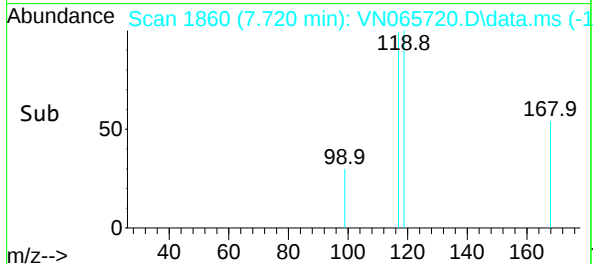


#38
Carbon Tetrachloride
Concen: 0.32 ug/l
RT: 7.720 min Scan# 1860
Delta R.T. -0.010 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

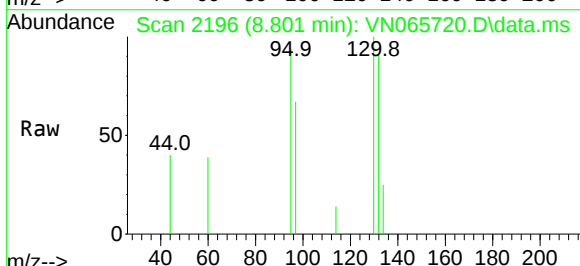
Instrument :
MSVOA_N
ClientSampleId :



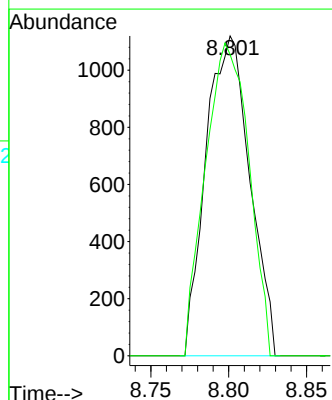
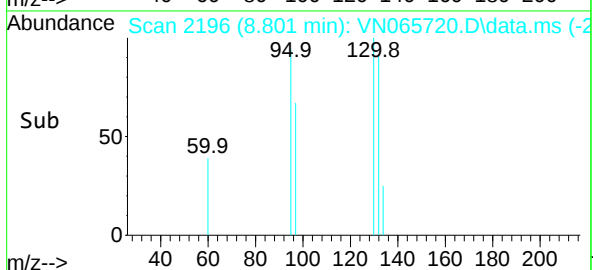
Tgt Ion:117 Resp: 875
Ion Ratio Lower Upper
117 100
119 100.7 76.0 114.0
121 0.0 24.5 36.7#

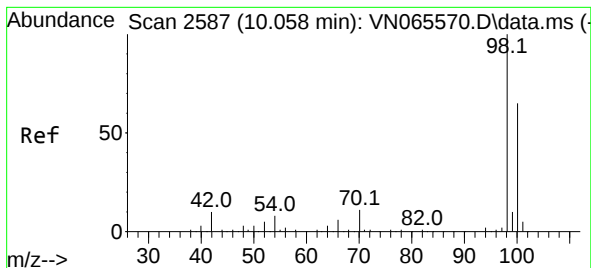


#44
Trichloroethene
Concen: 0.90 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18



Tgt Ion:130 Resp: 2199
Ion Ratio Lower Upper
130 100
95 94.2 0.0 199.6

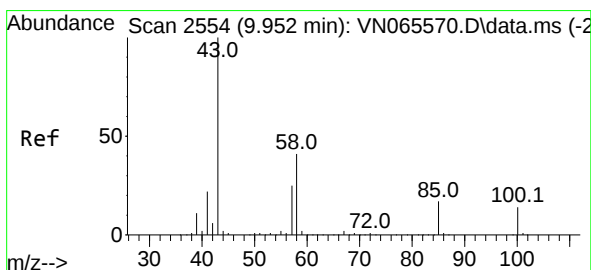
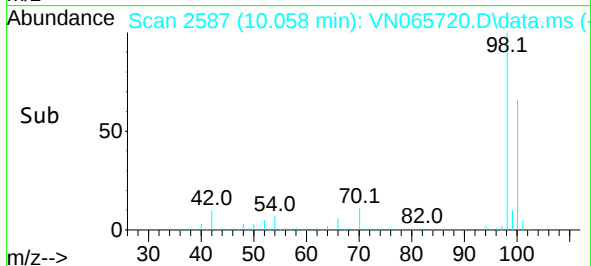
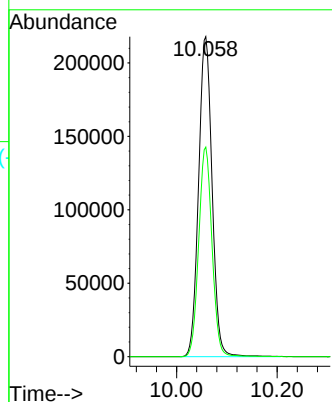
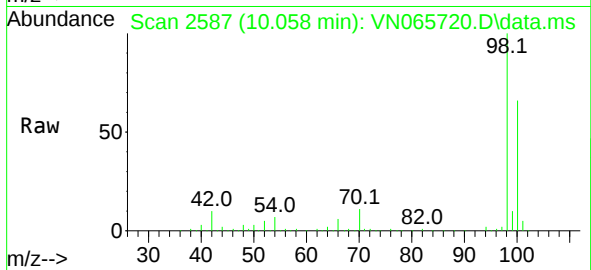




#50
Toluene-d8
Concen: 53.33 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

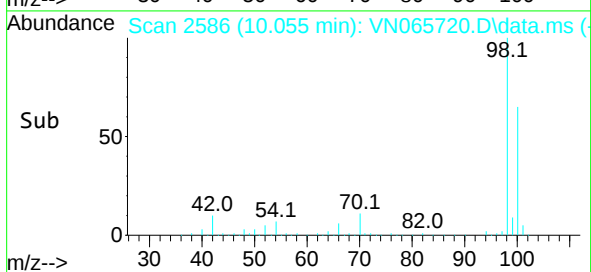
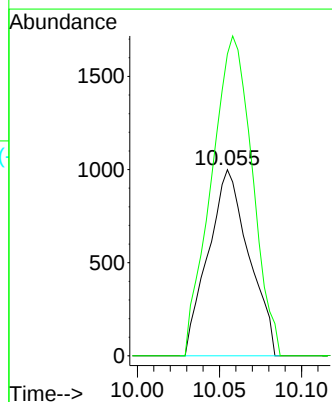
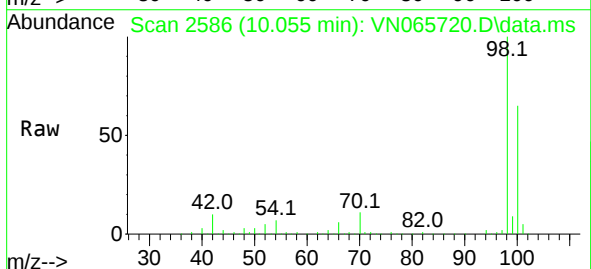
Instrument :
MSVOA_N
ClientSampled :

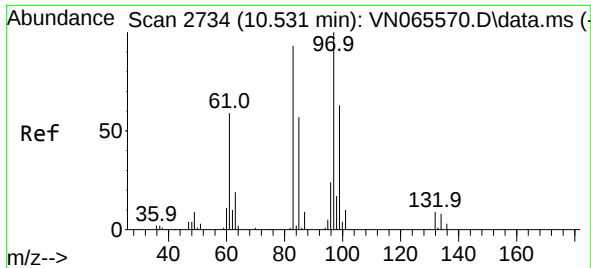
Tgt Ion: 98 Resp: 406611
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
58 173.4 32.5 48.7#



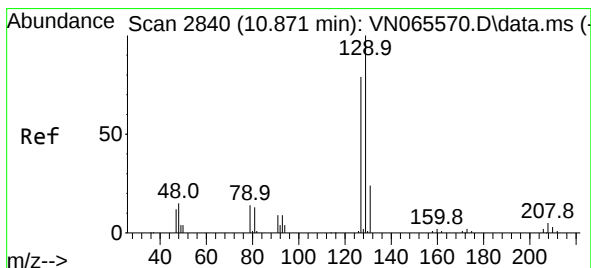
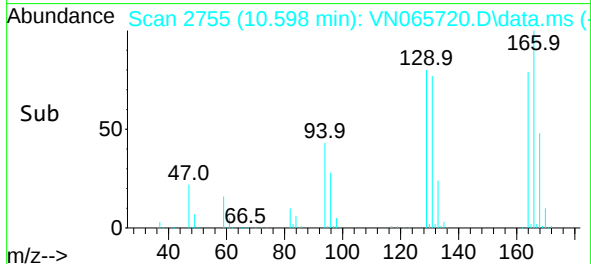
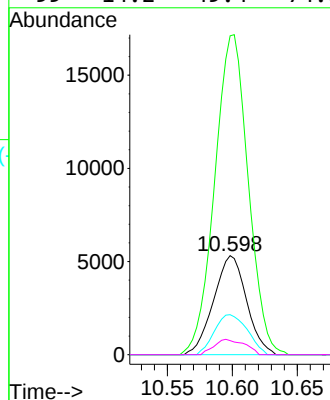
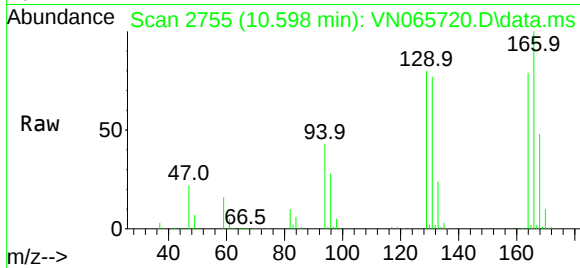


#55
1,1,2-Trichloroethane
Concen: 4.13 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.067 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 9381

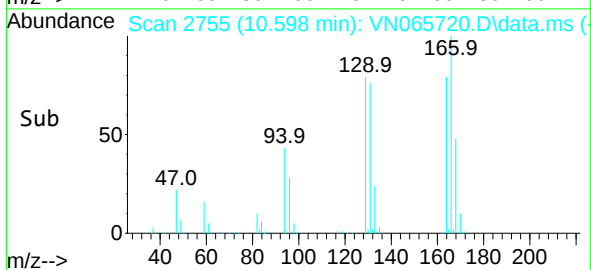
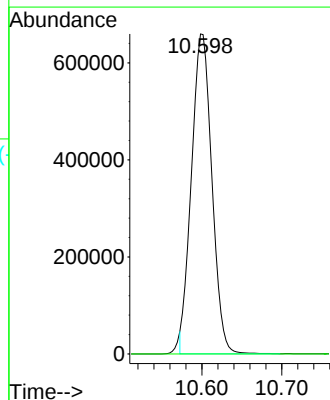
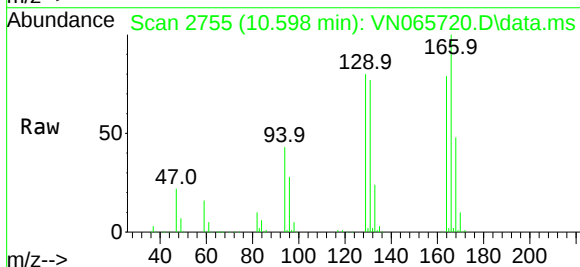
Ion	Ratio	Lower	Upper
97	100		
83	322.1	67.7	101.5#
85	40.4	44.5	66.7#
99	14.2	49.4	74.0#

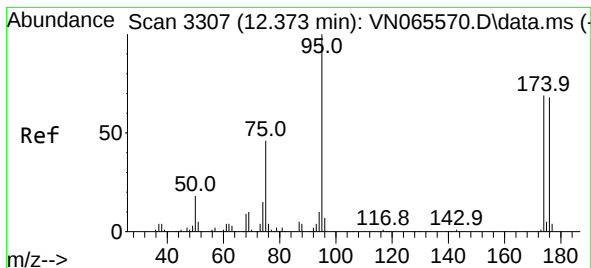


#60
Dibromochloromethane
Concen: 502.43 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

Tgt Ion: 129 Resp: 1167006

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

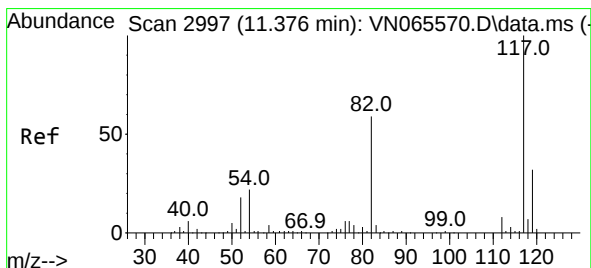
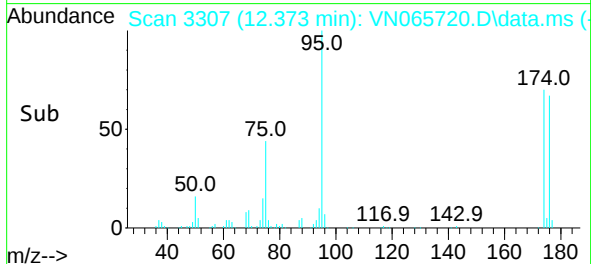
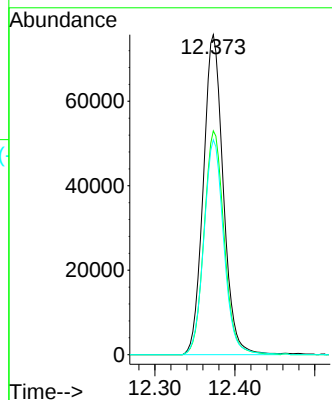
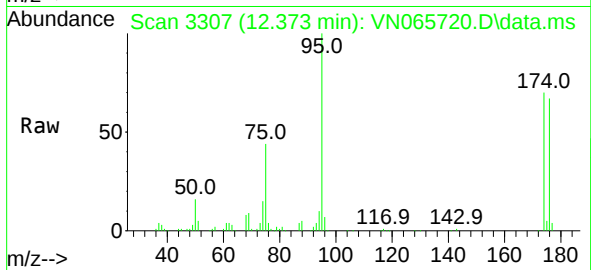




#62
4-Bromofluorobenzene
Concen: 47.94 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

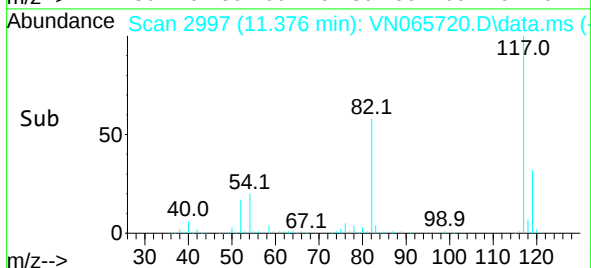
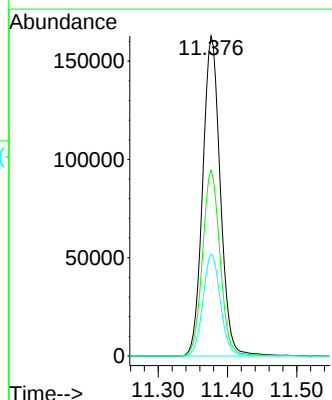
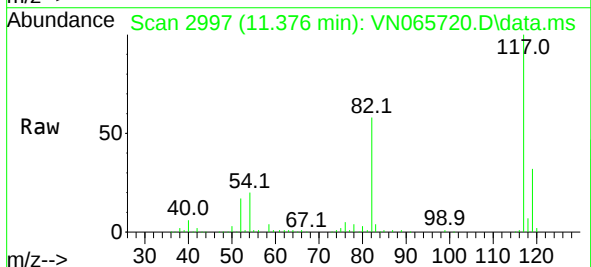
Instrument :
MSVOA_N
ClientSampleId :

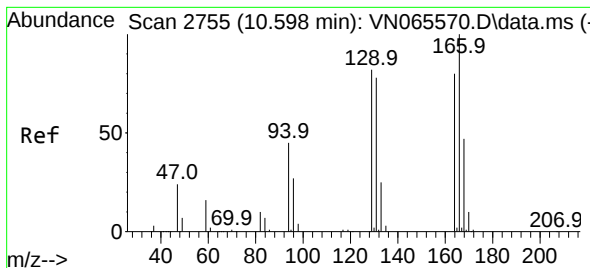
Tgt Ion: 95 Resp: 131609
Ion Ratio Lower Upper
95 100
174 70.3 0.0 169.0
176 67.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

Tgt Ion: 117 Resp: 286912
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 31.9 26.1 39.1





#64

Tetrachloroethene

Concen: 491.63 ug/l

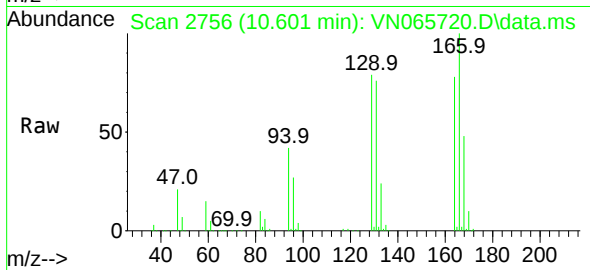
RT: 10.601 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VN065720.D

Acq: 4 Feb 2021 16:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 1182085

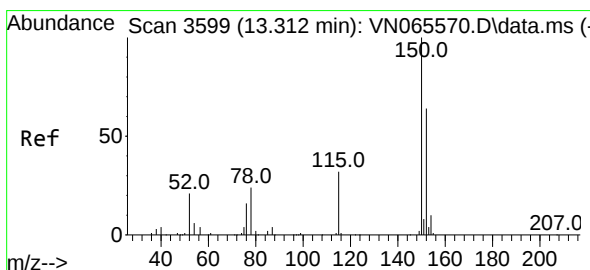
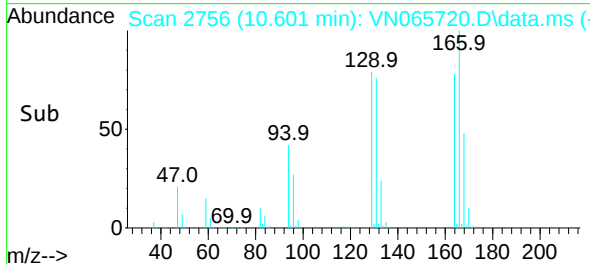
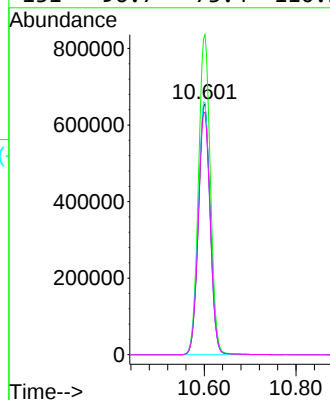
Ion Ratio Lower Upper

164 100

166 127.8 102.6 154.0

129 100.6 76.2 114.4

131 96.7 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: VN065720.D

Acq: 4 Feb 2021 16:18

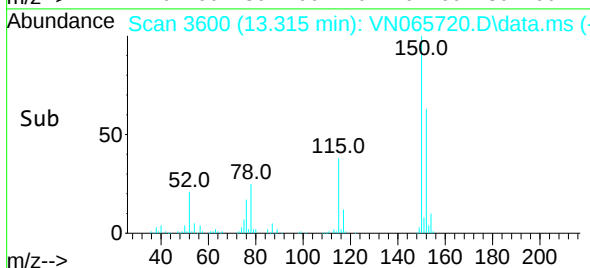
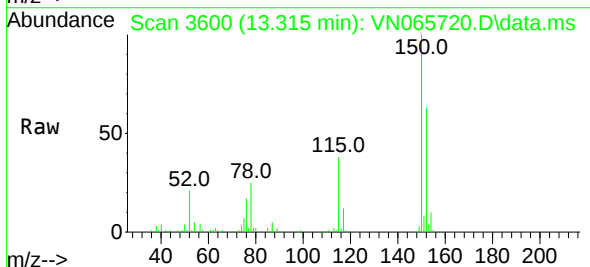
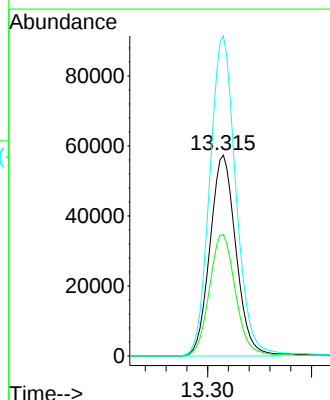
Tgt Ion:152 Resp: 99586

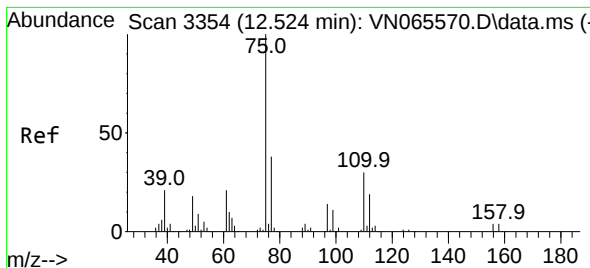
Ion Ratio Lower Upper

152 100

115 60.8 28.5 85.6

150 160.5 0.0 347.6

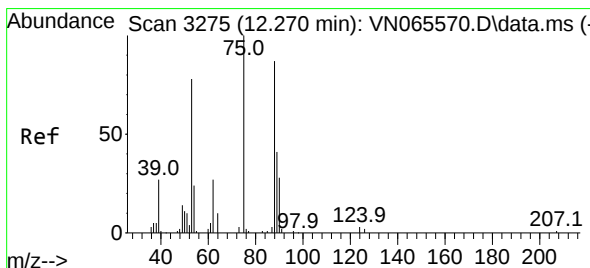
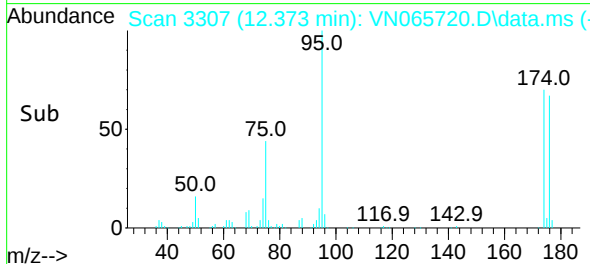
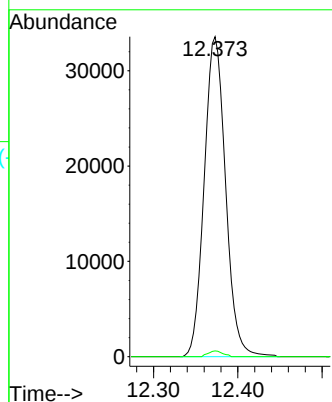
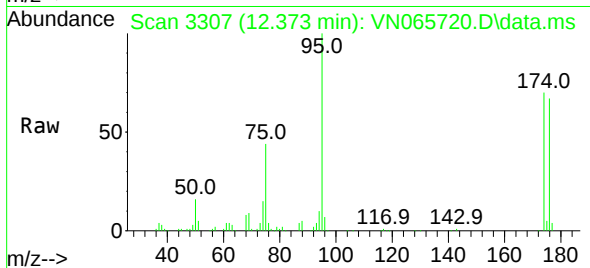




#76
1,2,3-Trichloropropane
Concen: 22.79 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

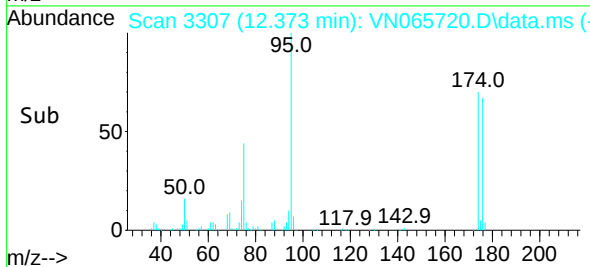
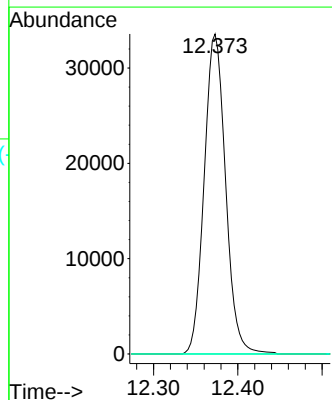
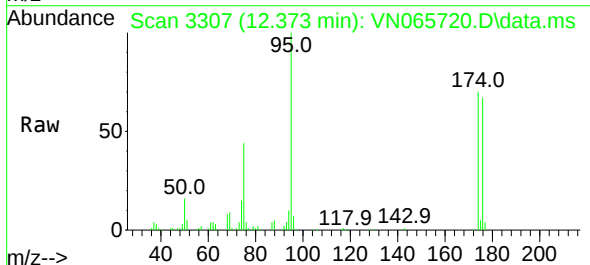
Instrument :
MSVOA_N
ClientSampleId :

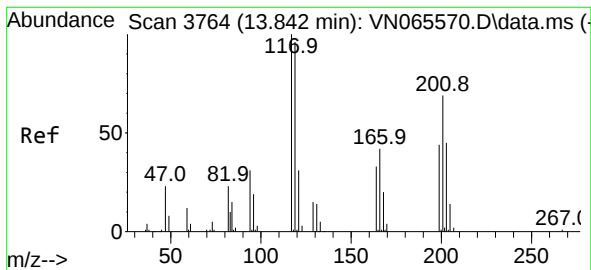
Tgt Ion: 75 Resp: 59350
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.38 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065720.D
Acq: 4 Feb 2021 16:18

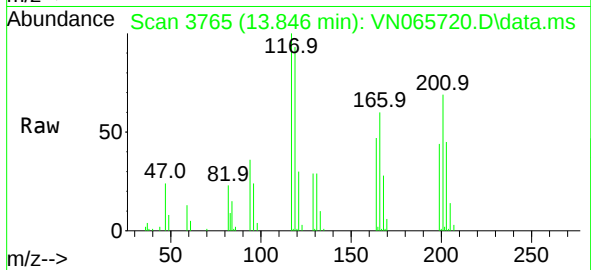
Tgt Ion: 75 Resp: 59350
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#90
 Hexachloroethane
 Concen: 26.92 ug/l
 RT: 13.846 min Scan# 3765
 Delta R.T. 0.004 min
 Lab File: VN065720.D
 Acq: 4 Feb 2021 16:18

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:117 Resp: 34765
 Ion Ratio Lower Upper
 117 100
 201 71.4 37.8 113.3

