

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065717.D
 Acq On : 4 Feb 2021 15:04
 Operator : JC/MD
 Sample : M1288-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:17:38 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	189933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	327168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	283956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100358	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	114287	45.74	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.48%
35) Dibromofluoromethane	7.550	113	91693	47.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.58%
50) Toluene-d8	10.058	98	400506	52.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.10%
62) 4-Bromofluorobenzene	12.373	95	130154	47.43	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.86%

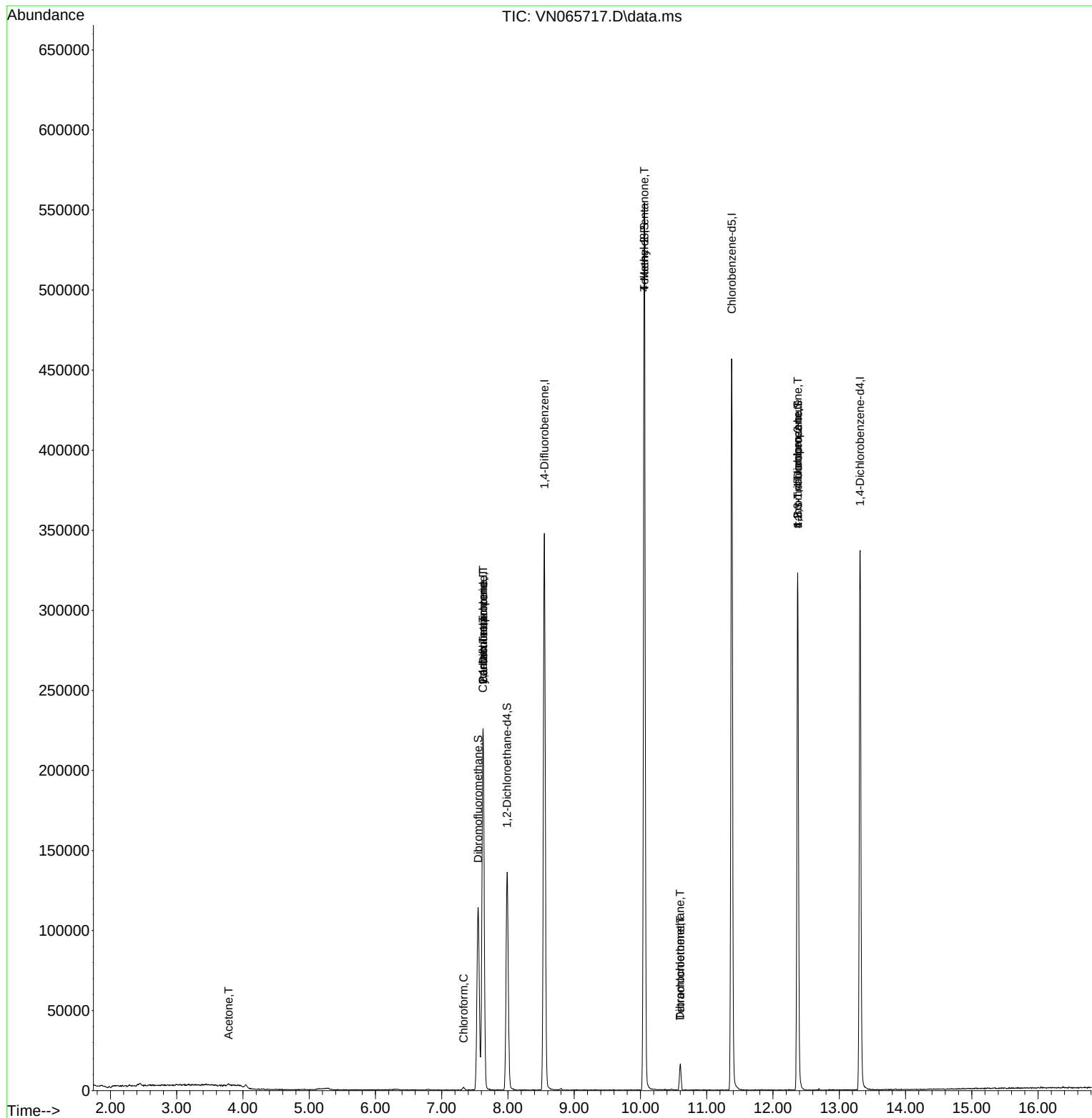
Target Compounds						Qvalue
16) Acetone	3.782	43	666	0.68	ug/l #	78
30) Chloroform	7.331	83	2152	0.50	ug/l	92
31) Cyclohexane	7.621	56	3533	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14385	4.37	ug/l #	46
38) Carbon Tetrachloride	7.624	117	17522	6.46	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1556	0.50	ug/l #	1
60) Dibromochloromethane	10.598	129	3794	1.63	ug/l #	11
64) Tetrachloroethene	10.601	164	4156	1.75	ug/l	96
76) 1,2,3-Trichloropropane	12.373	75	59789	22.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	59789	58.36	ug/l #	12

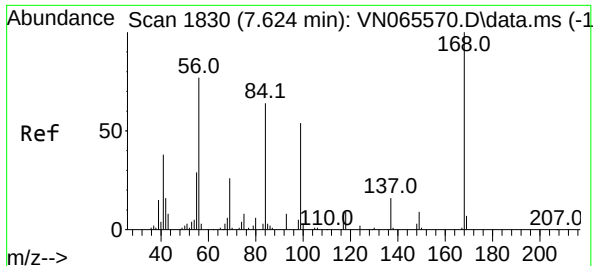
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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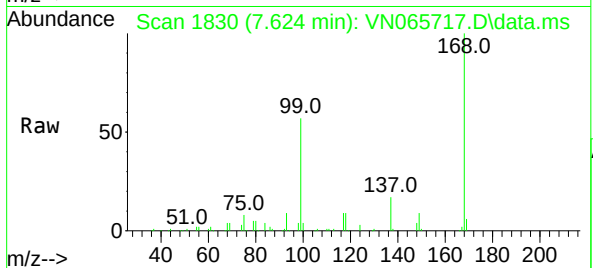
Quant Time: Feb 05 02:17:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



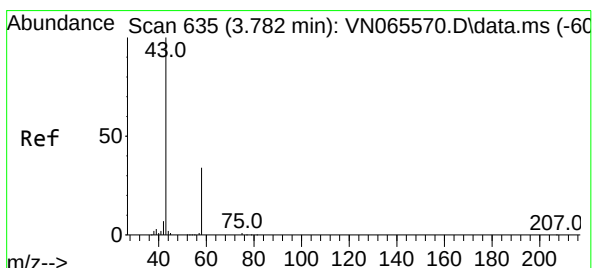
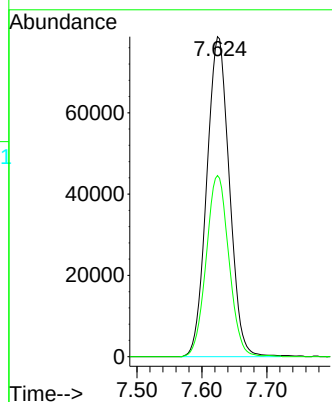
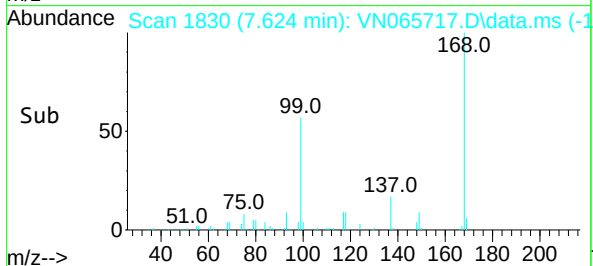


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

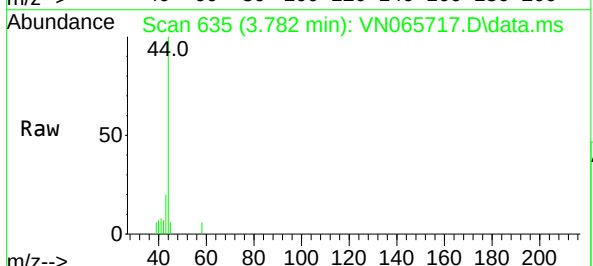
Instrument :
MSVOA_N
ClientSampled :



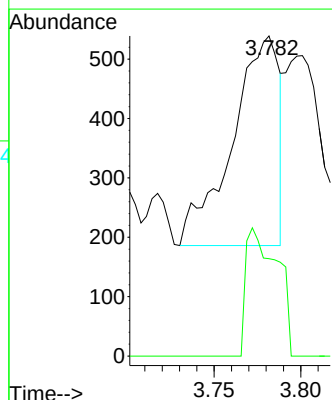
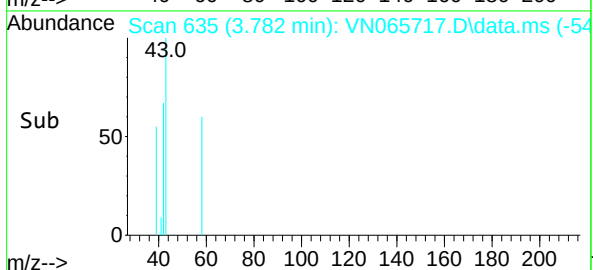
Tgt Ion:168 Resp: 189933
Ion Ratio Lower Upper
168 100
99 56.6 42.6 63.8

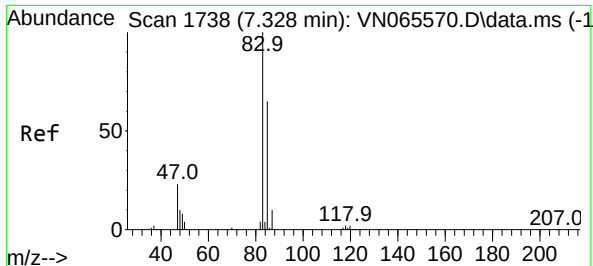


#16
Acetone
Concen: 0.68 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04



Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 46.5 27.0 40.6#





#30

Chloroform

Concen: 0.50 ug/l

RT: 7.331 min Scan# 1739

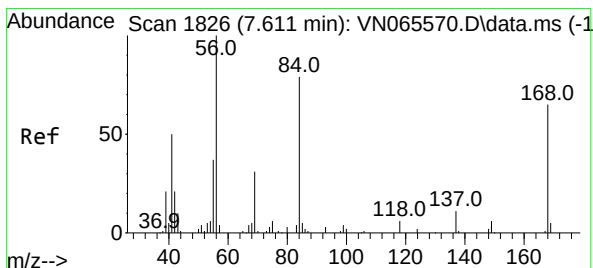
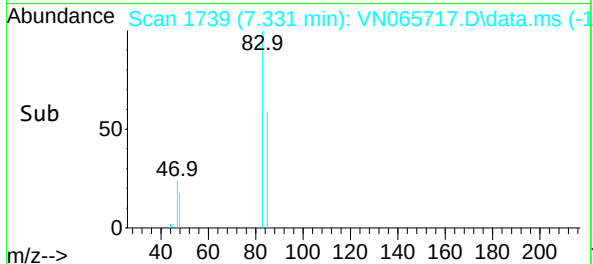
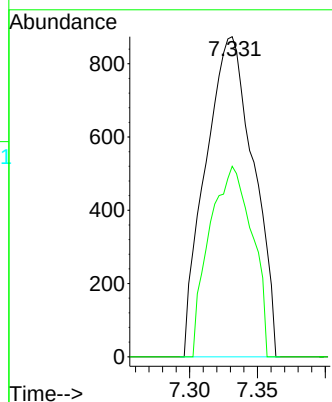
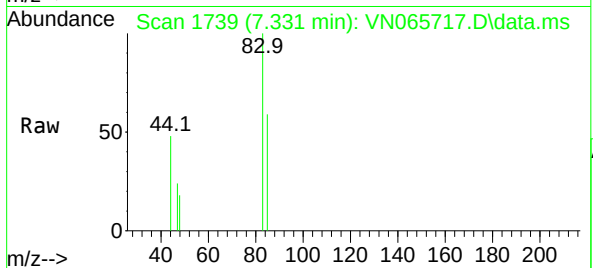
Delta R.T. 0.003 min

Lab File: VN065717.D

Acq: 4 Feb 2021 15:04

Tgt Ion: 83 Resp: 2152

Ion	Ratio	Lower	Upper
83	100		
85	59.5	52.6	78.8



#31

Cyclohexane

Concen: 0.75 ug/l

RT: 7.621 min Scan# 1829

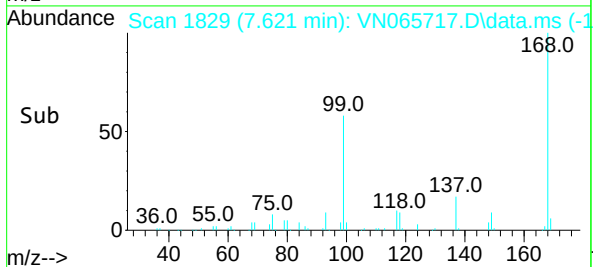
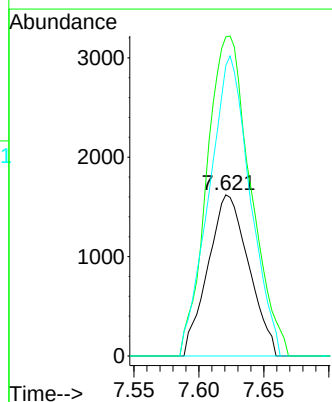
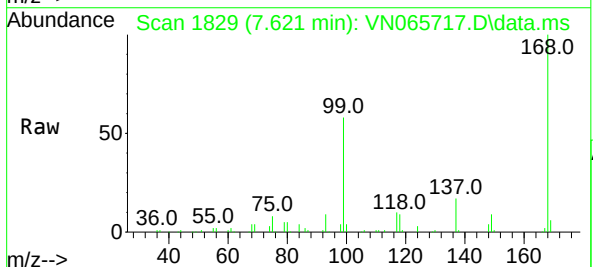
Delta R.T. 0.010 min

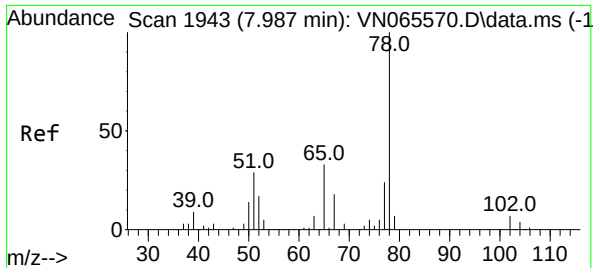
Lab File: VN065717.D

Acq: 4 Feb 2021 15:04

Tgt Ion: 56 Resp: 3533

Ion	Ratio	Lower	Upper
56	100		
69	198.0	26.6	39.8#
84	180.4	70.4	105.6#

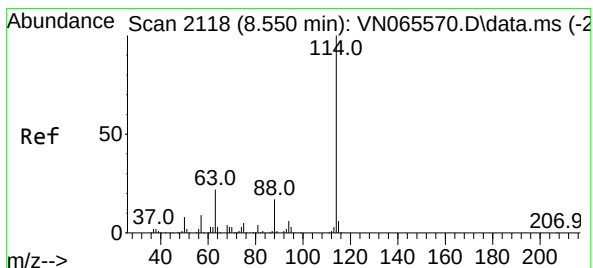
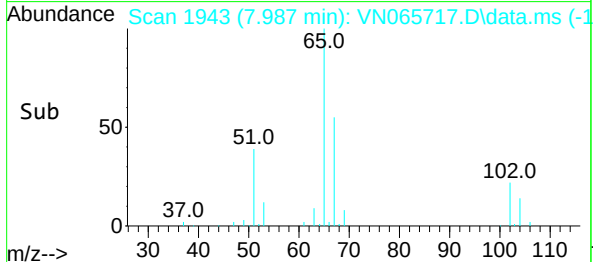
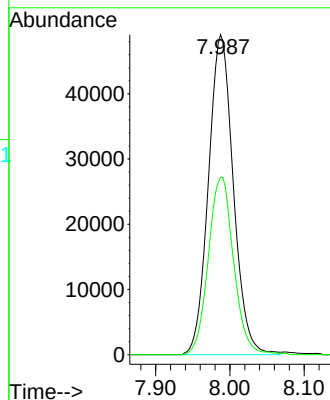
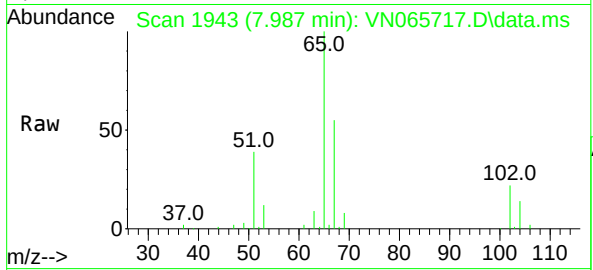




#33
1,2-Dichloroethane-d4
Concen: 45.74 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

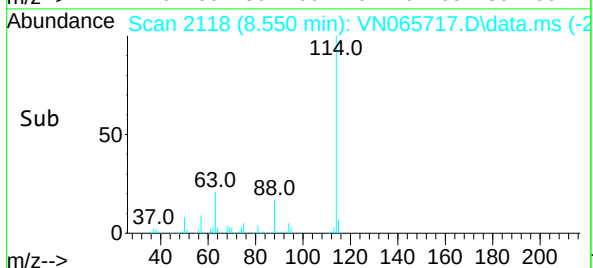
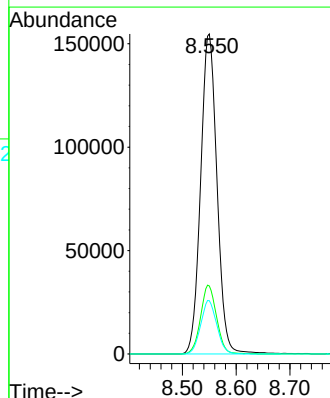
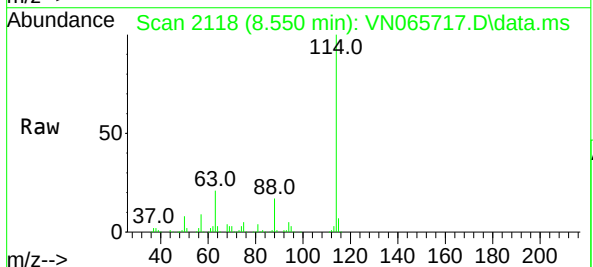
Instrument :
MSVOA_N
ClientSampleId :

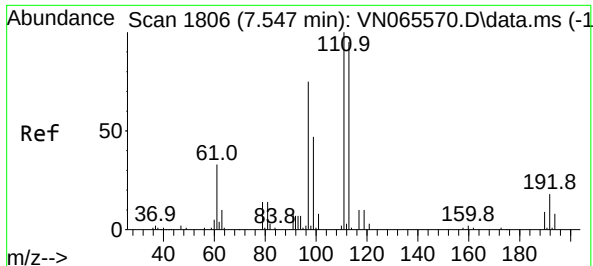
Tgt Ion: 65 Resp: 114287
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Tgt Ion: 114 Resp: 327168
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 16.7 0.0 30.6

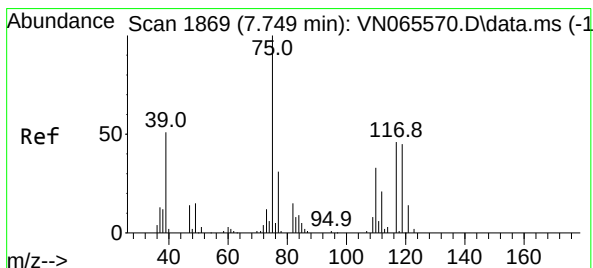
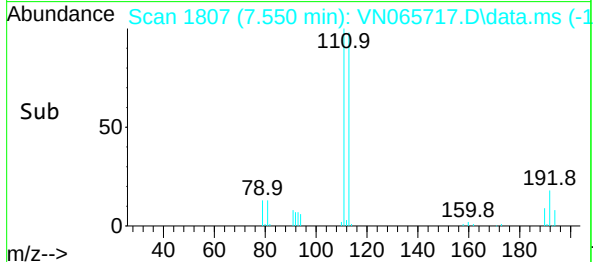
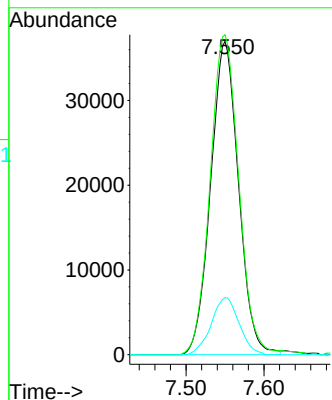
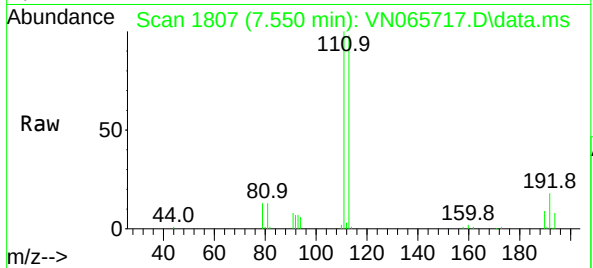




#35
Dibromofluoromethane
Concen: 47.29 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

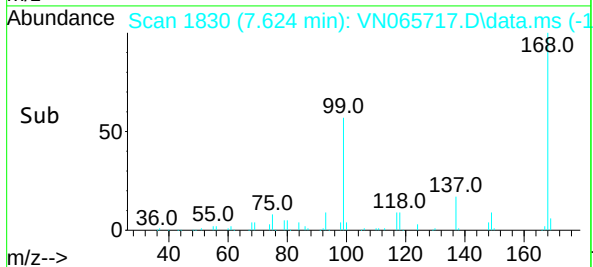
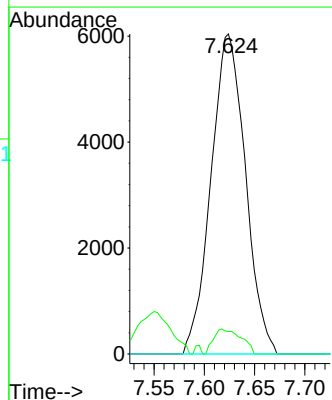
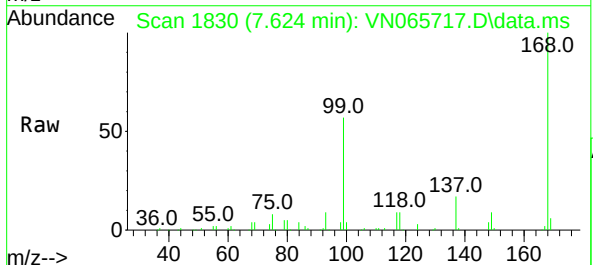
Instrument :
MSVOA_N
ClientSampleId :

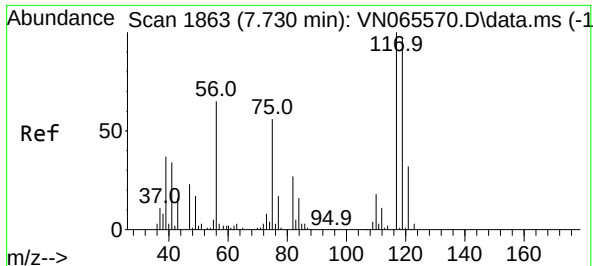
Tgt Ion:113 Resp: 91693
Ion Ratio Lower Upper
113 100
111 105.5 82.2 123.2
192 18.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

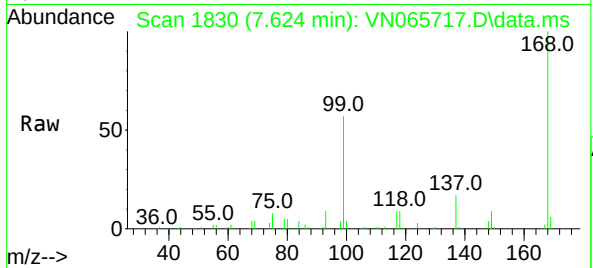
Tgt Ion: 75 Resp: 14385
Ion Ratio Lower Upper
75 100
110 6.2 18.2 54.6#
77 0.0 24.9 37.3#



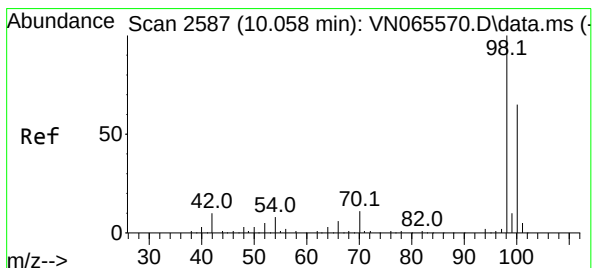
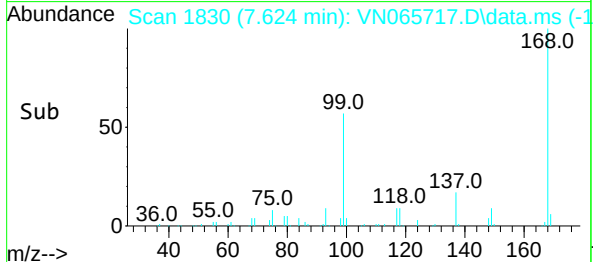
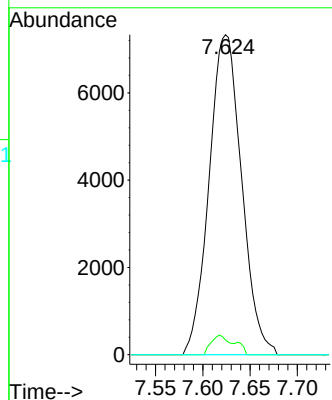


#38
Carbon Tetrachloride
Concen: 6.46 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Instrument :
MSVOA_N
ClientSampled :

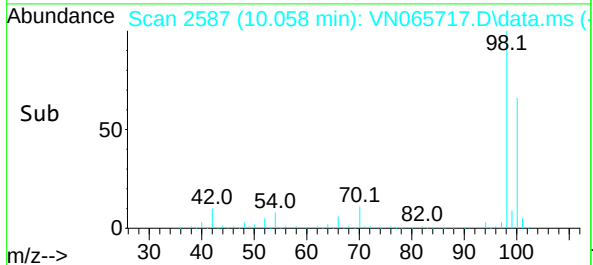
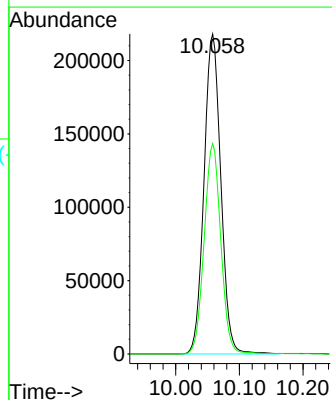
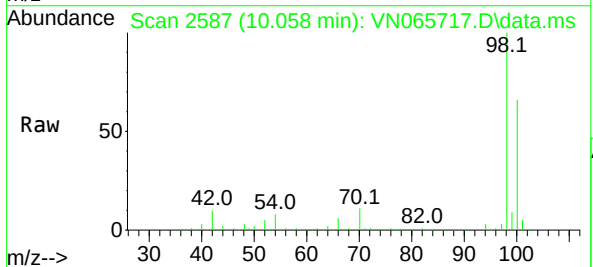


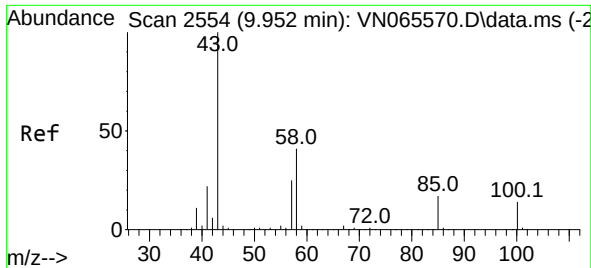
Tgt Ion:117 Resp: 17522
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.55 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Tgt Ion: 98 Resp: 400506
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

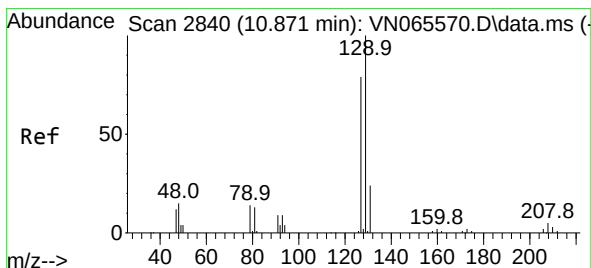
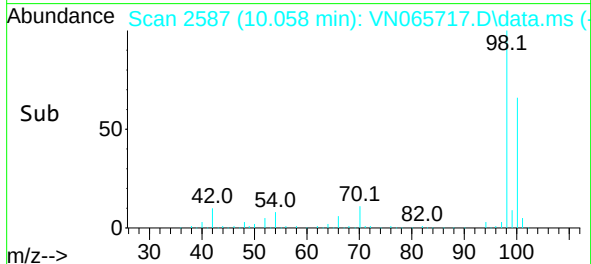
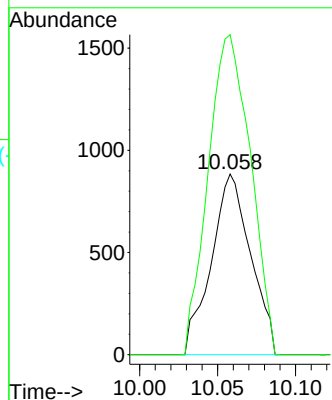
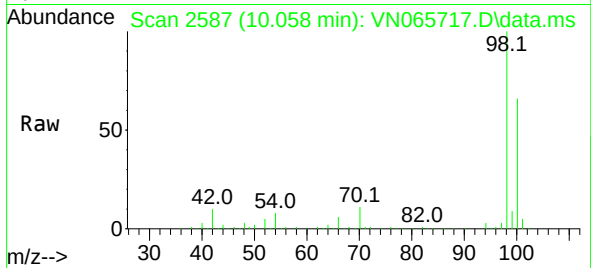




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

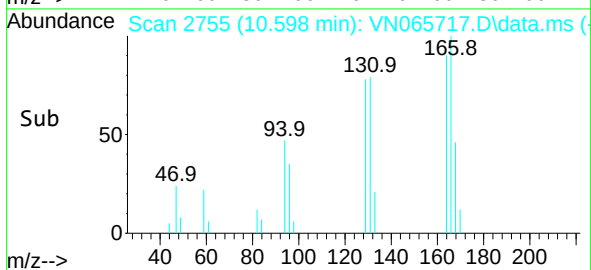
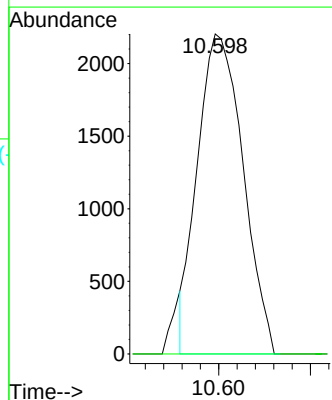
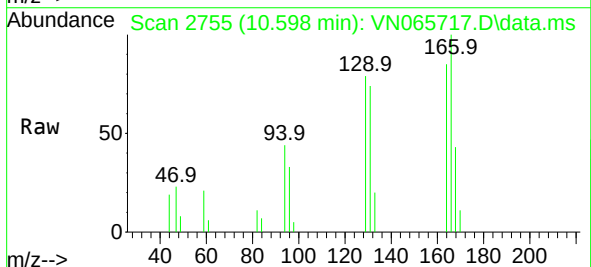
Instrument :
MSVOA_N
ClientSampled :

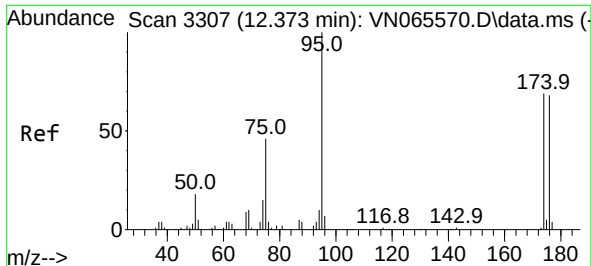
Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
58 190.4 32.5 48.7#



#60
Dibromochloromethane
Concen: 1.63 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Tgt Ion: 129 Resp: 3794
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

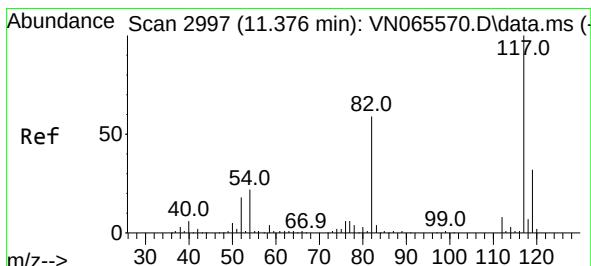
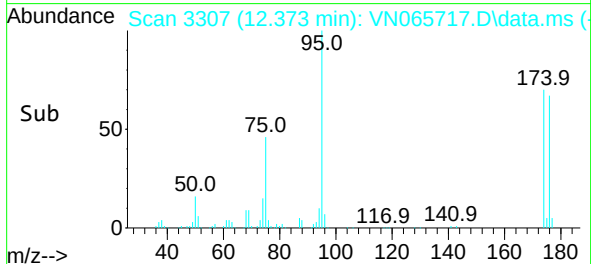
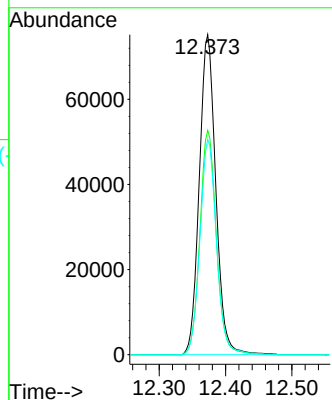
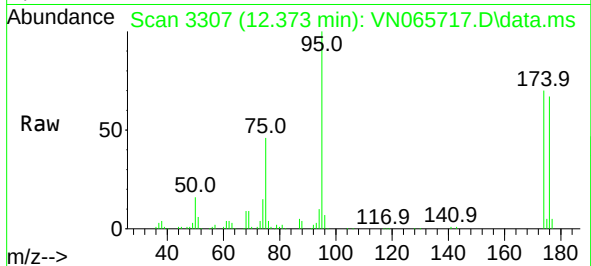




#62
4-Bromofluorobenzene
Concen: 47.43 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

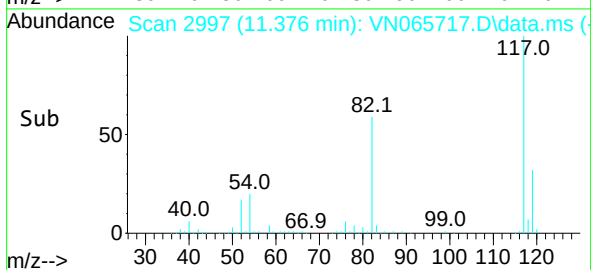
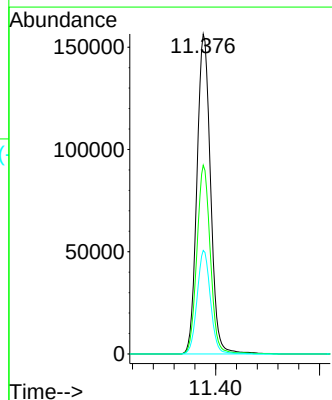
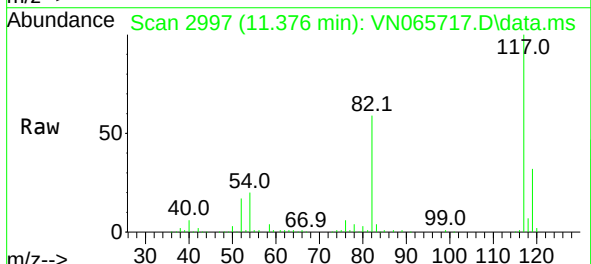
Instrument :
MSVOA_N
ClientSampleId :

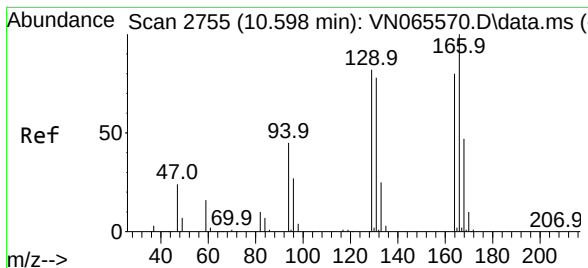
Tgt Ion: 95 Resp: 130154
Ion Ratio Lower Upper
95 100
174 69.9 0.0 169.0
176 67.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Tgt Ion: 117 Resp: 283956
Ion Ratio Lower Upper
117 100
82 59.0 43.7 65.5
119 32.3 26.1 39.1





#64

Tetrachloroethene

Concen: 1.75 ug/l

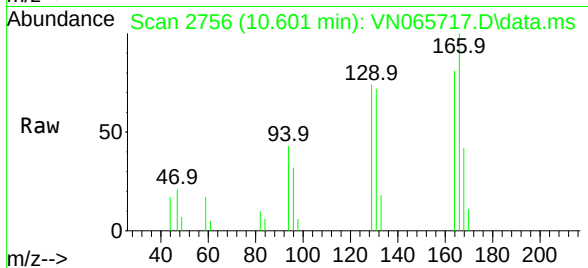
RT: 10.601 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VN065717.D

Acq: 4 Feb 2021 15:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 4156

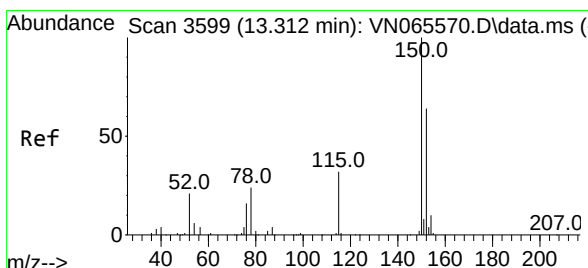
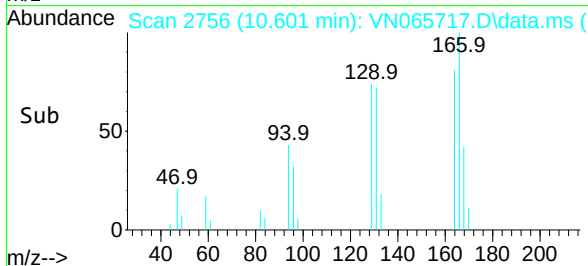
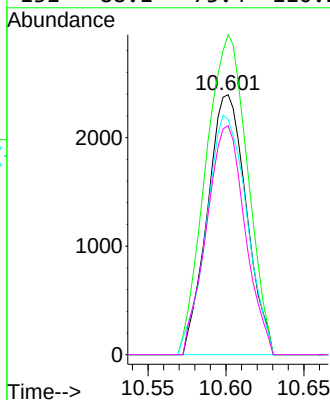
Ion Ratio Lower Upper

164 100

166 123.1 102.6 154.0

129 90.6 76.2 114.4

131 88.1 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: VN065717.D

Acq: 4 Feb 2021 15:04

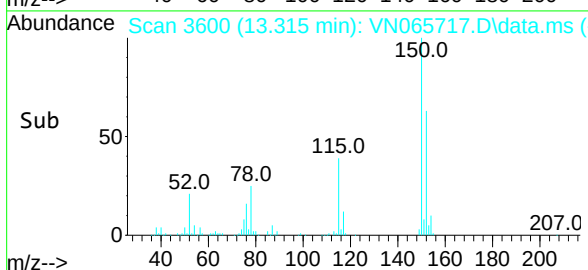
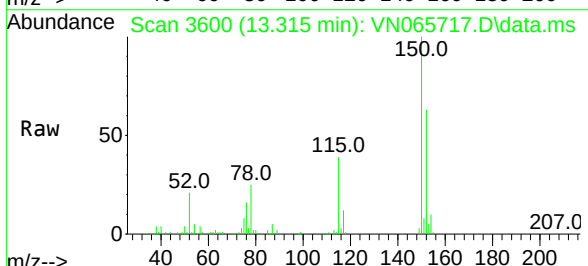
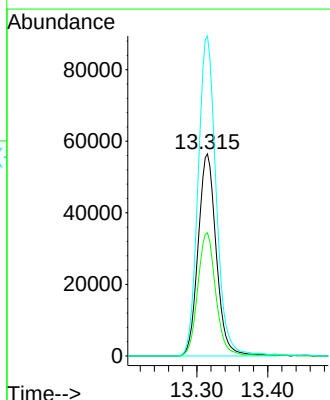
Tgt Ion:152 Resp: 100358

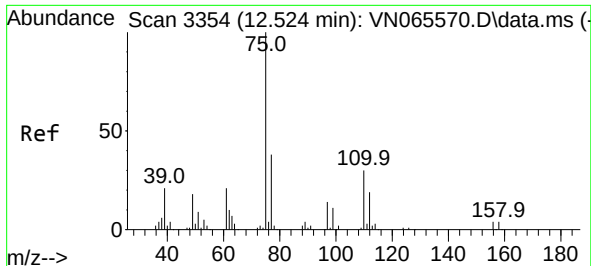
Ion Ratio Lower Upper

152 100

115 60.4 28.5 85.6

150 157.0 0.0 347.6

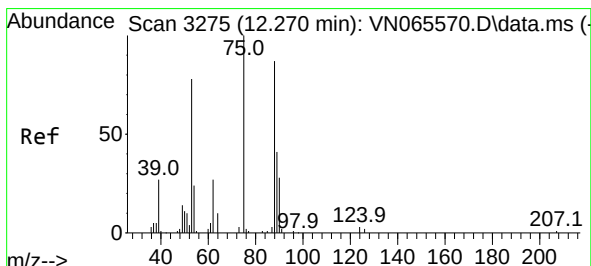
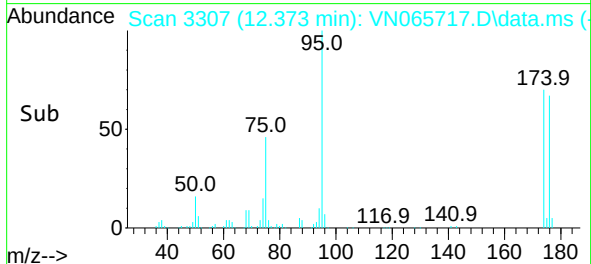
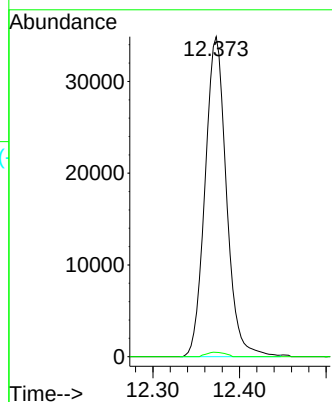
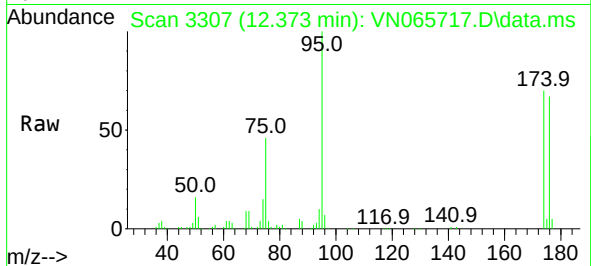




#76
1,2,3-Trichloropropane
Concen: 22.78 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 59789
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.36 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065717.D
Acq: 4 Feb 2021 15:04

Tgt Ion: 75 Resp: 59789
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

