

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065714.D
 Acq On : 4 Feb 2021 13:50
 Operator : JC/MD
 Sample : M1288-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:16:40 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)

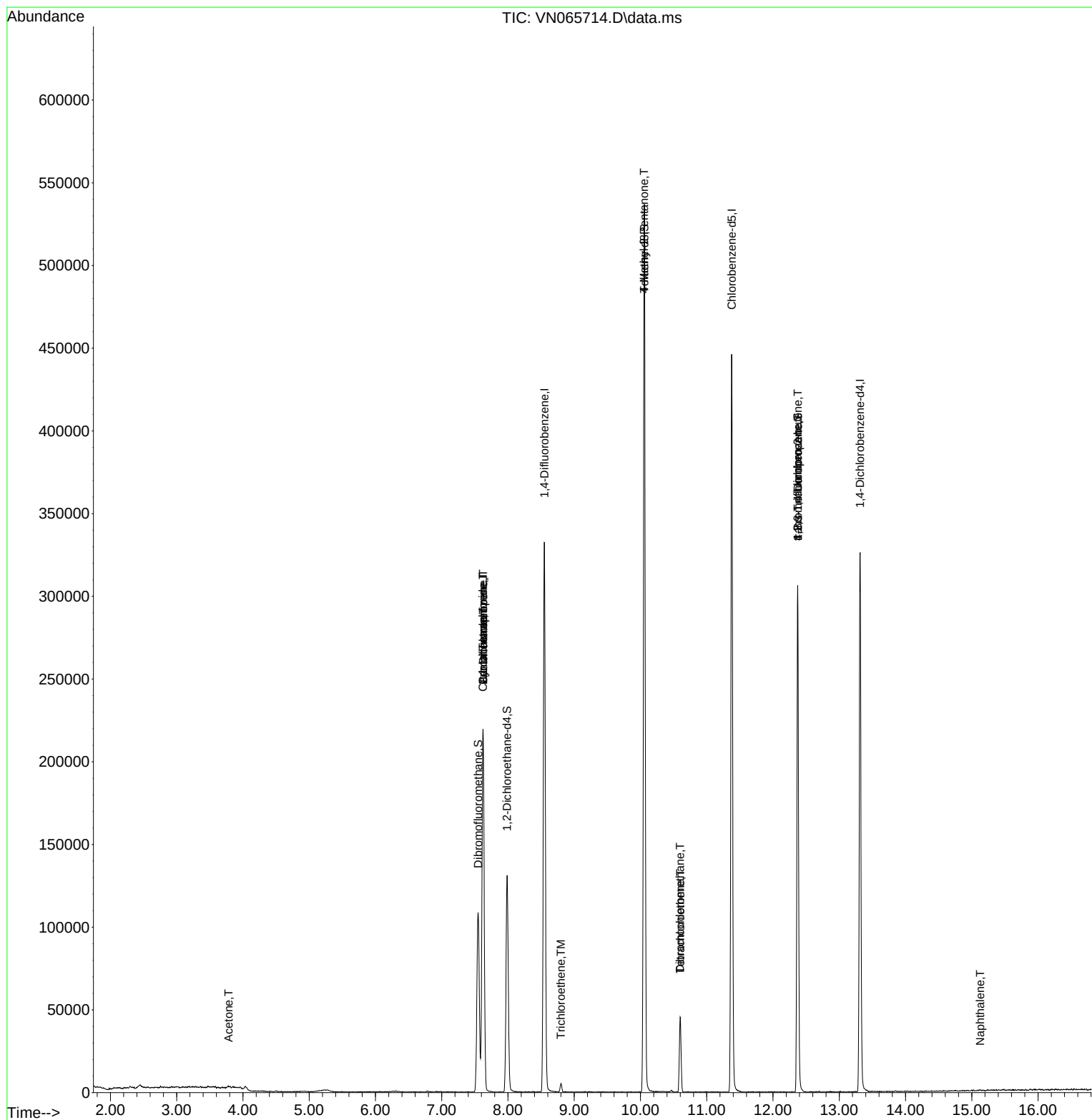
Internal Standards						
1) Pentafluorobenzene	7.624	168	184730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	313804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	271297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	95886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	110363	45.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.82%		
35) Dibromofluoromethane	7.550	113	90111	48.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.92%		
50) Toluene-d8	10.058	98	390539	53.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.86%		
62) 4-Bromofluorobenzene	12.373	95	123974	47.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.20%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	986	1.04	ug/l #	41
31) Cyclohexane	7.624	56	3447	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14673	4.65	ug/l #	47
38) Carbon Tetrachloride	7.621	117	17123	6.59	ug/l #	16
44) Trichloroethene	8.798	130	1868	0.80	ug/l	99
51) 4-Methyl-2-Pentanone	10.055	43	1470	0.50	ug/l #	1
60) Dibromochloromethane	10.598	129	10776	4.84	ug/l #	11
64) Tetrachloroethene	10.602	164	11312	4.98	ug/l	97
76) 1,2,3-Trichloropropane	12.373	75	55986	22.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	55986	57.19	ug/l #	12
95) Naphthalene	15.125	128	293	3.50	ug/l #	69

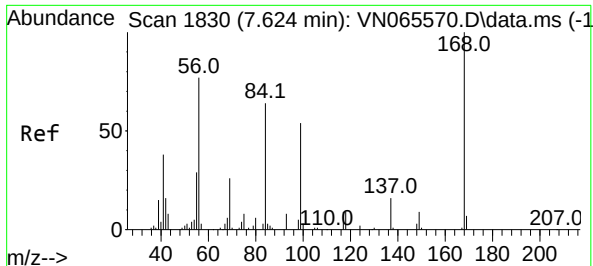
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

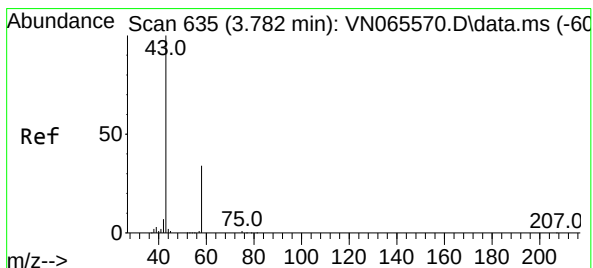
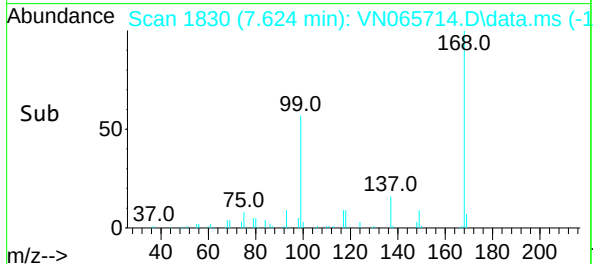
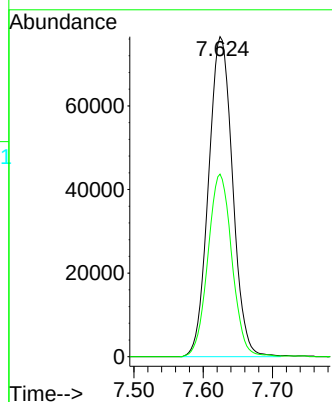
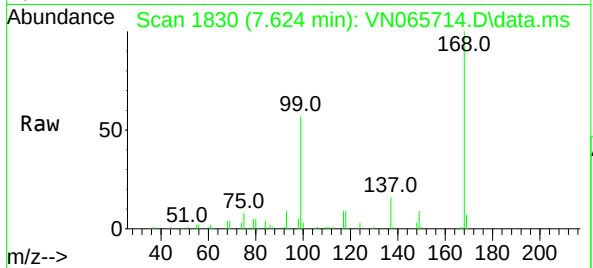




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

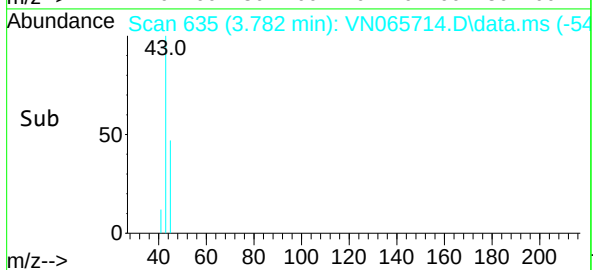
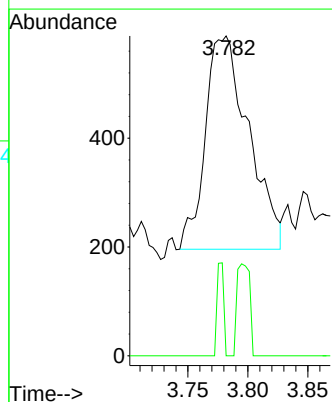
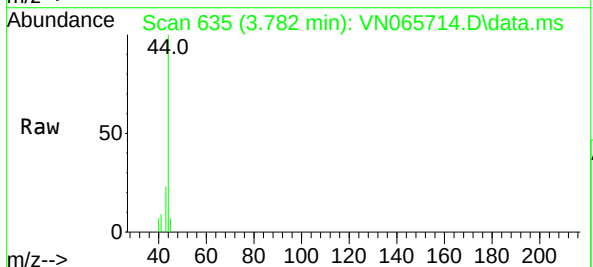
Instrument :
MSVOA_N
ClientSampled :

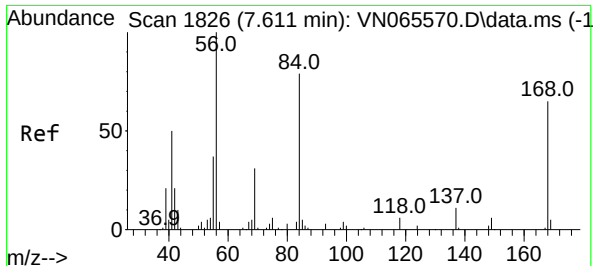
Tgt Ion:168 Resp: 184730
Ion Ratio Lower Upper
168 100
99 57.0 42.6 63.8



#16
Acetone
Concen: 1.04 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#31

Cyclohexane

Concen: 0.75 ug/l

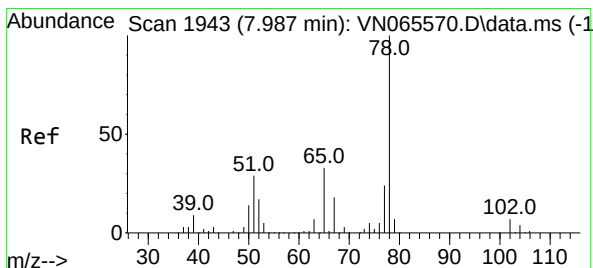
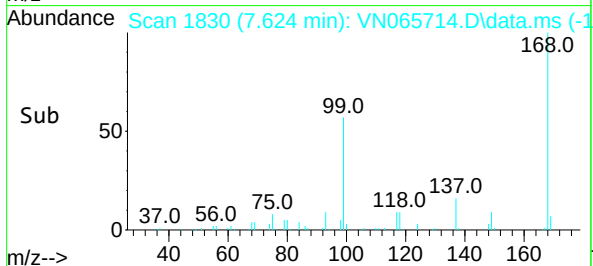
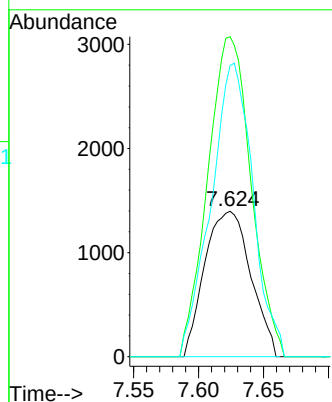
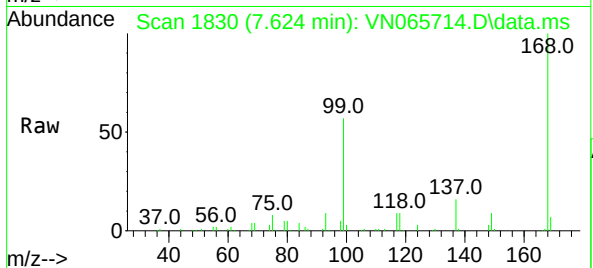
RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065714.D

Acq: 4 Feb 2021 13:50

Tgt Ion: 56	Resp: 3447
Ion Ratio	Lower Upper
56	100
69	220.0 26.6 39.8#
84	200.2 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 45.41 ug/l

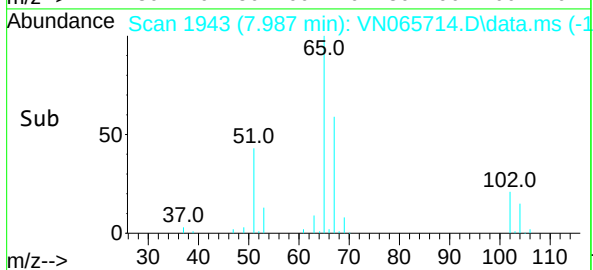
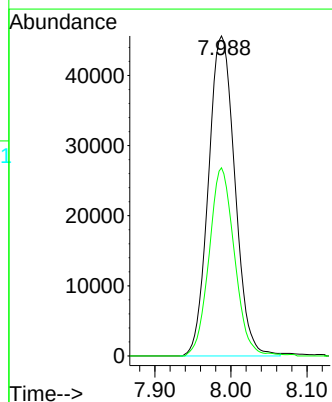
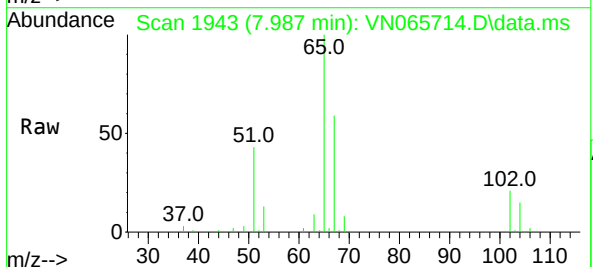
RT: 7.987 min Scan# 1943

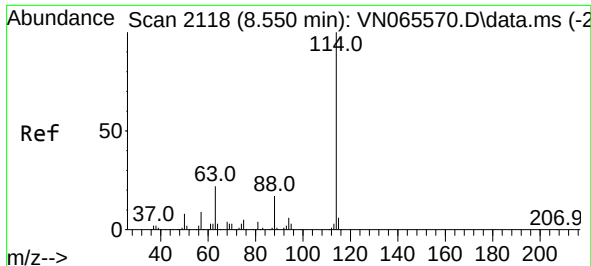
Delta R.T. 0.000 min

Lab File: VN065714.D

Acq: 4 Feb 2021 13:50

Tgt Ion: 65	Resp: 110363
Ion Ratio	Lower Upper
65	100
67	56.5 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: VN065714.D

Acq: 4 Feb 2021 13:50

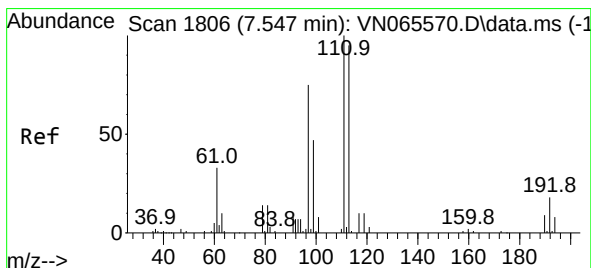
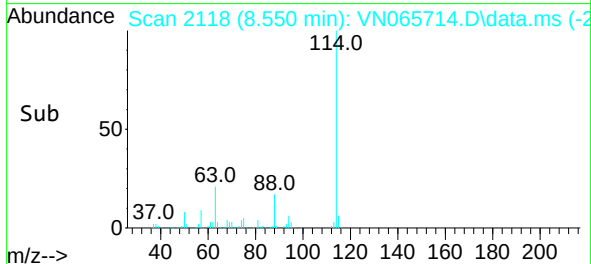
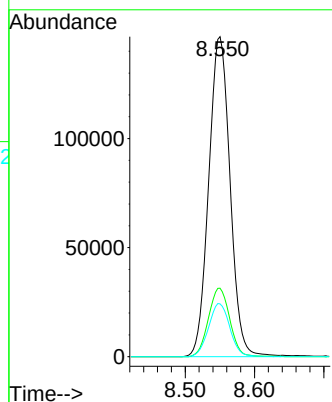
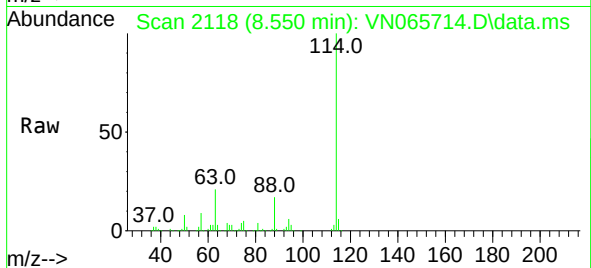
Tgt Ion:114 Resp: 313804

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.6

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.46 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065714.D

Acq: 4 Feb 2021 13:50

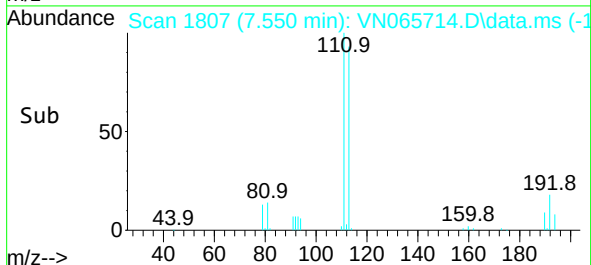
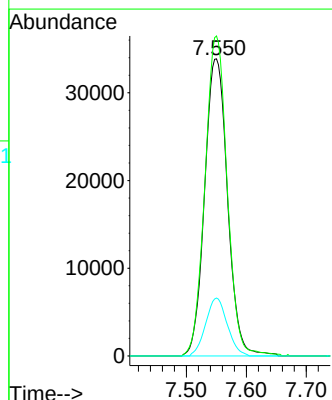
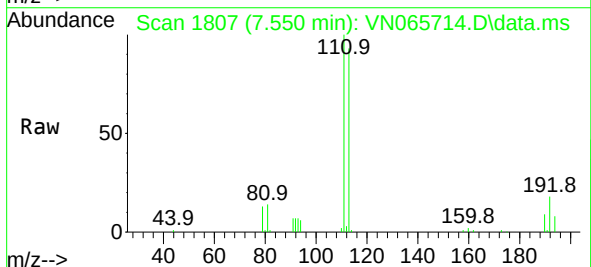
Tgt Ion:113 Resp: 90111

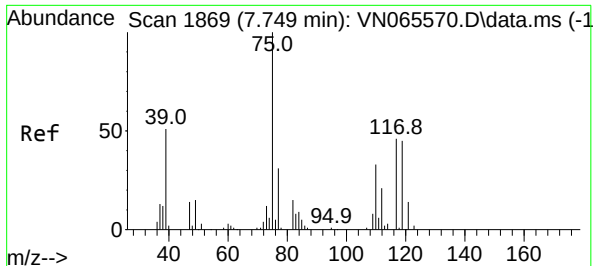
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.2

192 18.4 15.4 23.0

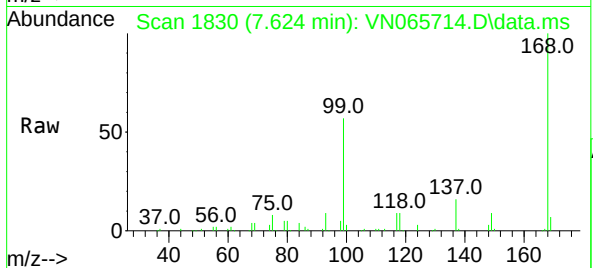




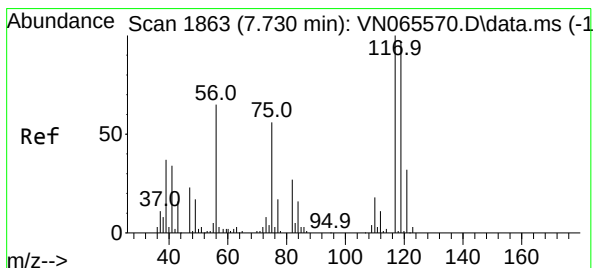
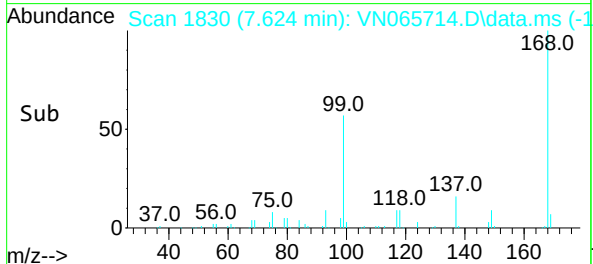
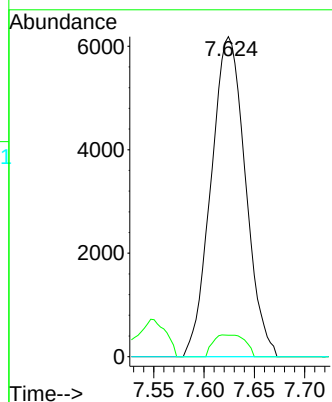
#36

1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

Instrument :
MSVOA_N
ClientSampled :

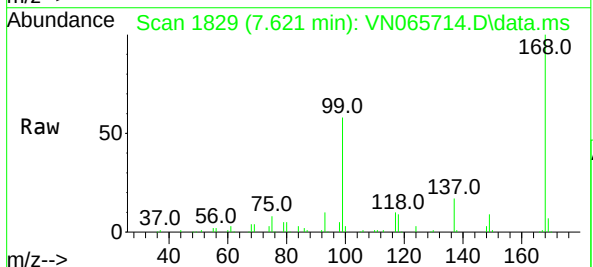


Tgt Ion: 75 Resp: 14673
Ion Ratio Lower Upper
75 100
110 6.3 18.2 54.6#
77 0.0 24.9 37.3#

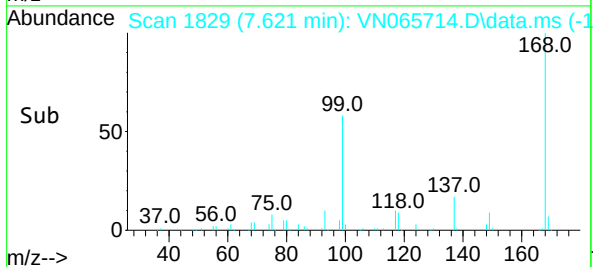
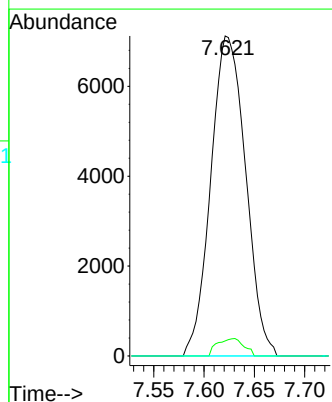


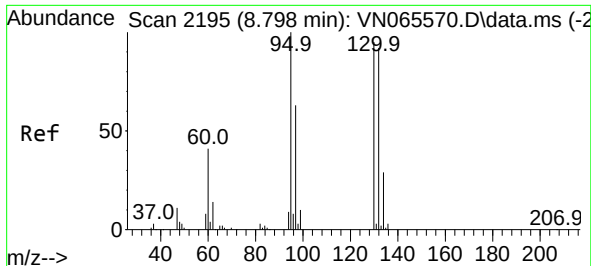
#38

Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50



Tgt Ion: 117 Resp: 17123
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.5 36.7#

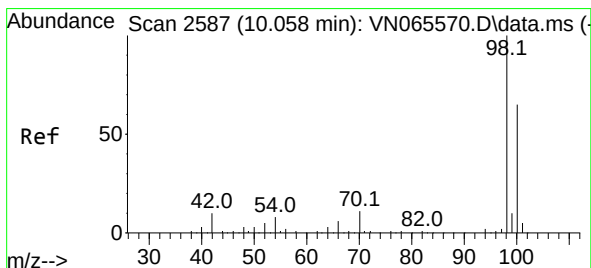
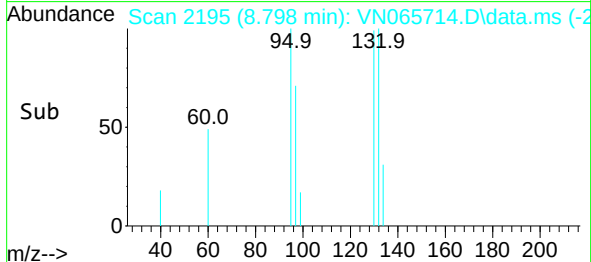
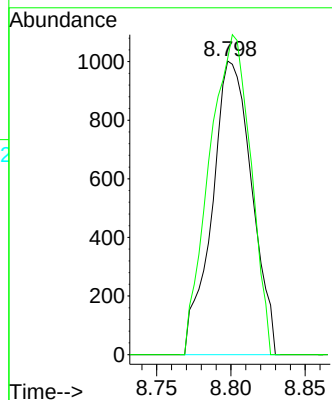
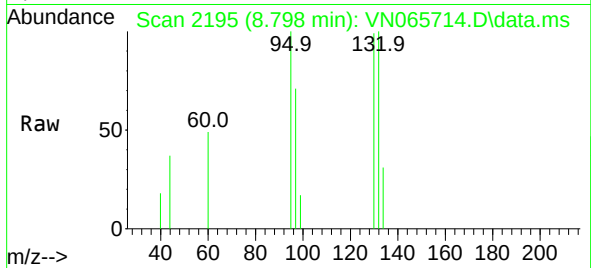




#44
Trichloroethene
Concen: 0.80 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

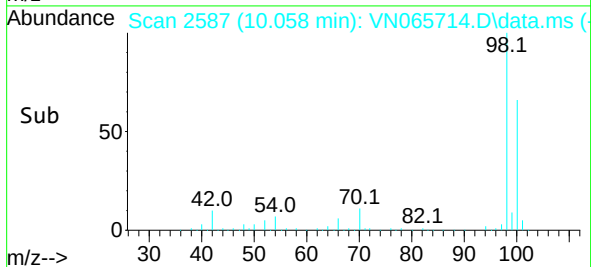
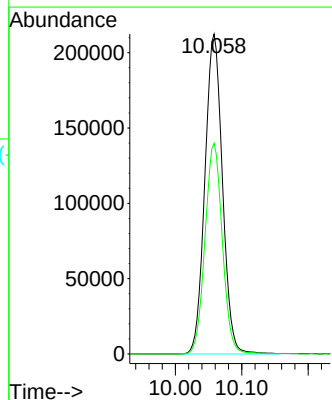
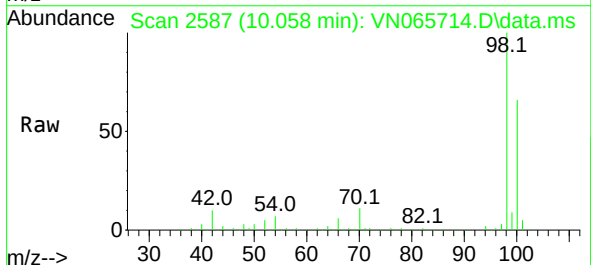
Instrument :
MSVOA_N
ClientSampled :

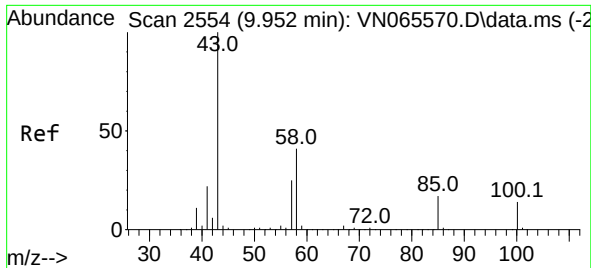
Tgt Ion:130 Resp: 1868
Ion Ratio Lower Upper
130 100
95 101.0 0.0 199.6



#50
Toluene-d8
Concen: 53.43 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

Tgt Ion: 98 Resp: 390539
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7

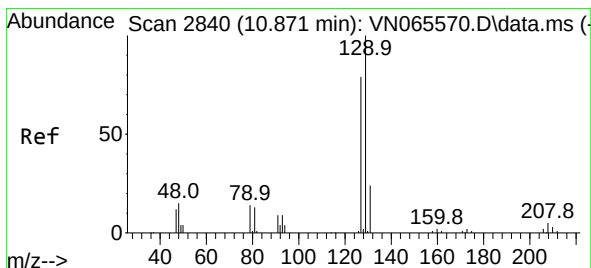
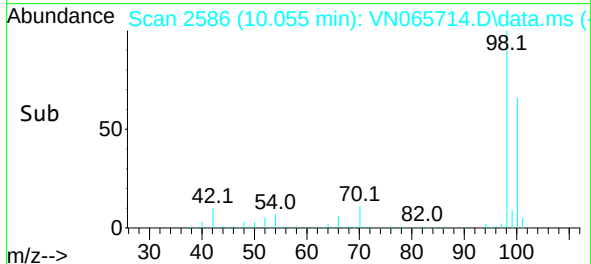
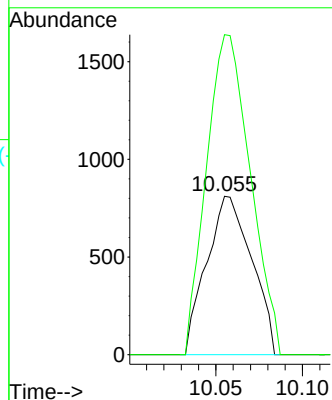
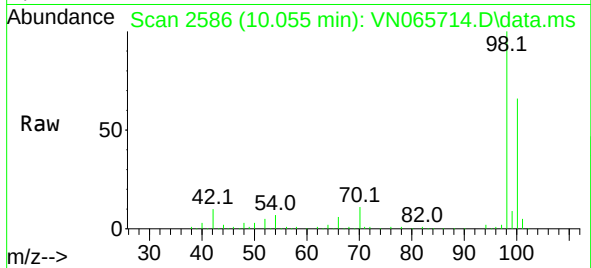




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

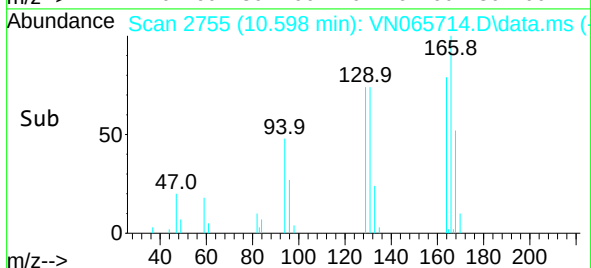
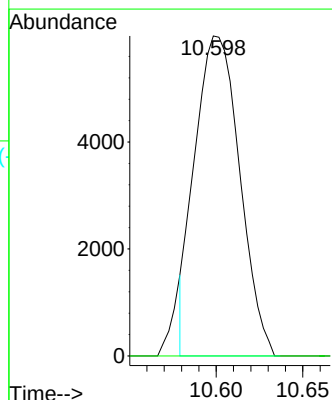
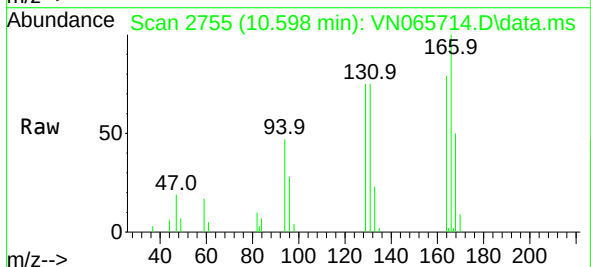
Instrument :
MSVOA_N
ClientSampled :

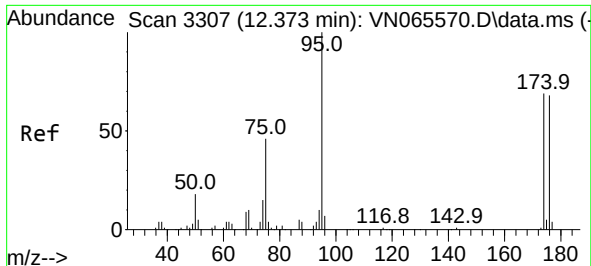
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 196.2 32.5 48.7#



#60
Dibromochloromethane
Concen: 4.84 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

Tgt Ion: 129 Resp: 10776
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

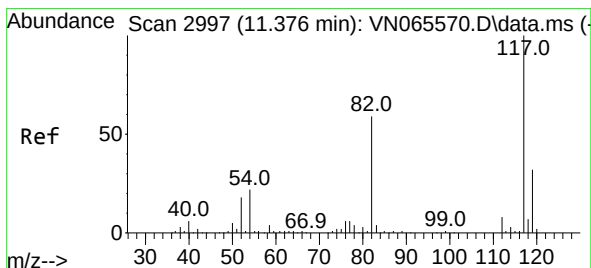
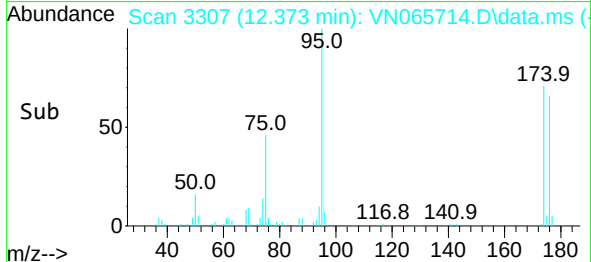
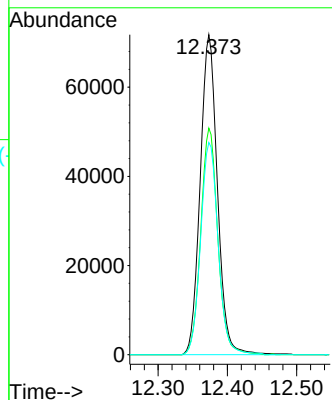
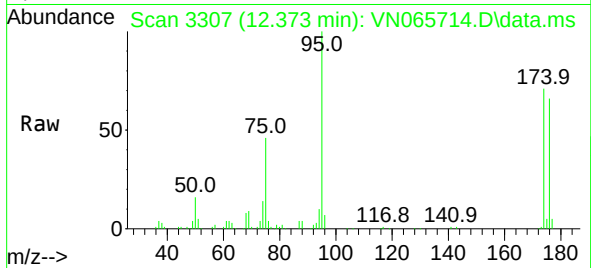




#62
4-Bromofluorobenzene
Concen: 47.10 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

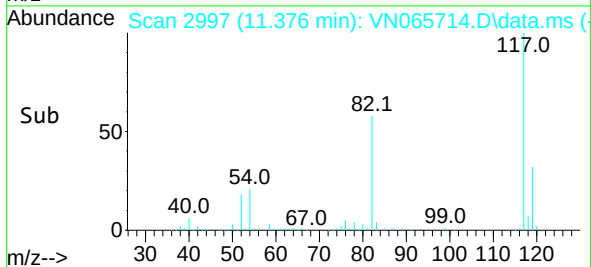
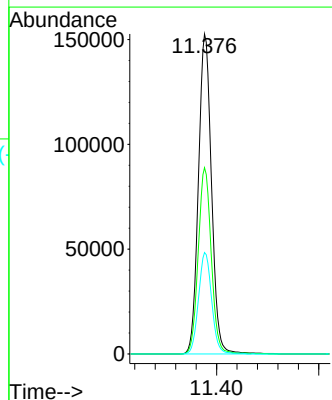
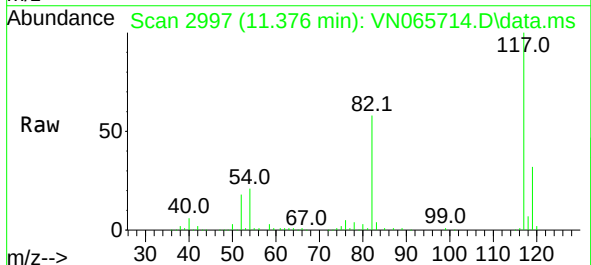
Instrument :
MSVOA_N
ClientSampled :

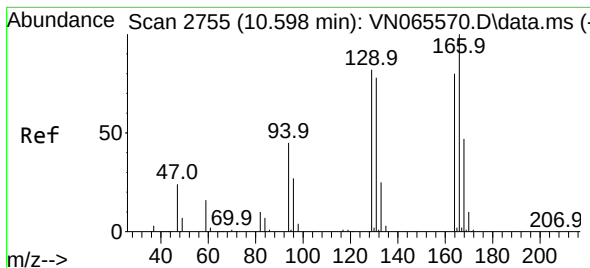
Tgt Ion: 95 Resp: 123974
Ion Ratio Lower Upper
95 100
174 70.1 0.0 169.0
176 67.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

Tgt Ion: 117 Resp: 271297
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 31.7 26.1 39.1





#64

Tetrachloroethene

Concen: 4.98 ug/l

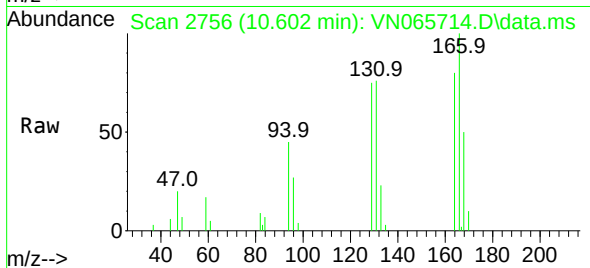
RT: 10.602 min Scan# 2756

Delta R.T. 0.004 min

Lab File: VN065714.D

Acq: 4 Feb 2021 13:50

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:164 Resp: 11312

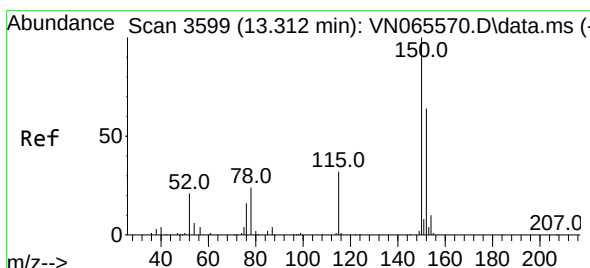
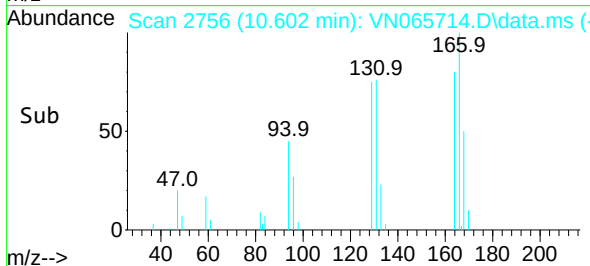
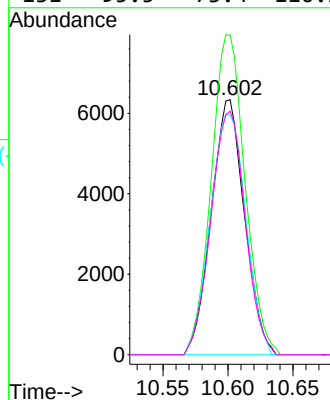
Ion Ratio Lower Upper

164 100

166 125.3 102.6 154.0

129 94.0 76.2 114.4

131 95.5 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: VN065714.D

Acq: 4 Feb 2021 13:50

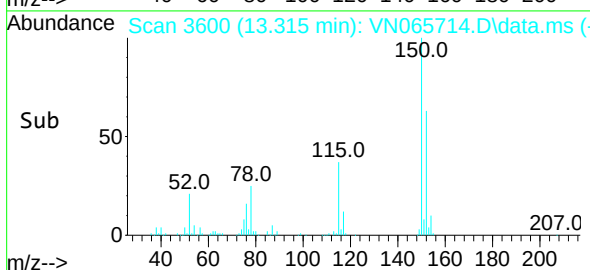
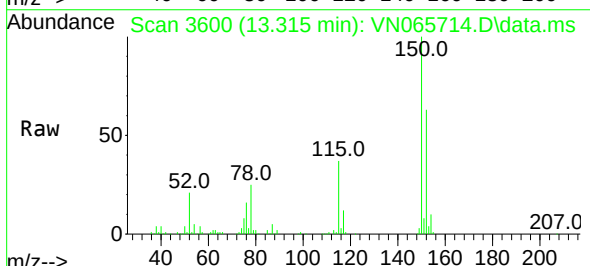
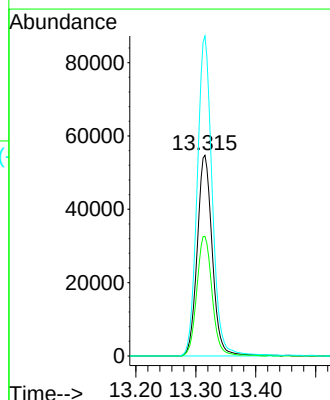
Tgt Ion:152 Resp: 95886

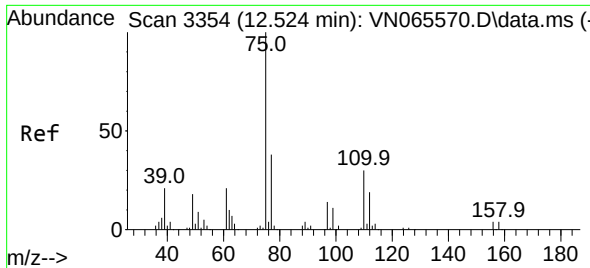
Ion Ratio Lower Upper

152 100

115 60.3 28.5 85.6

150 159.1 0.0 347.6

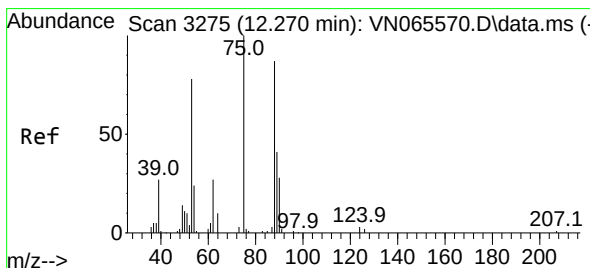
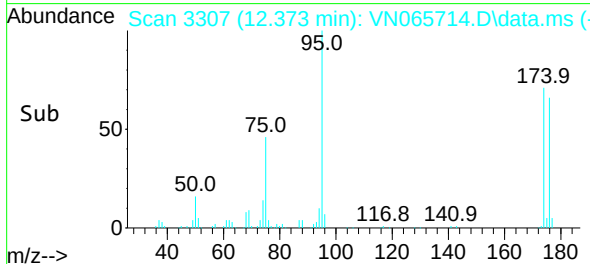
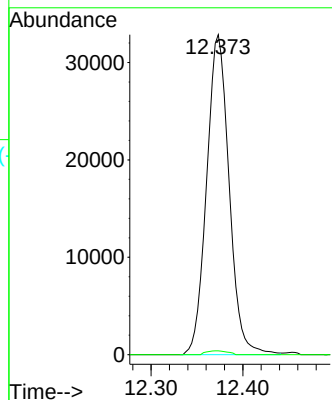
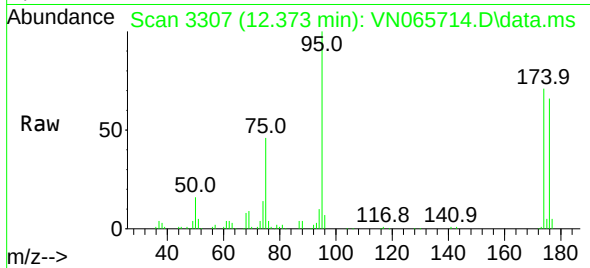




#76
1,2,3-Trichloropropane
Concen: 22.33 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

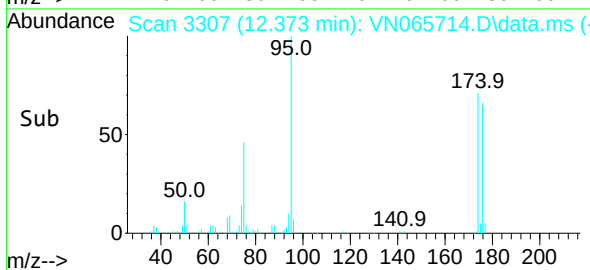
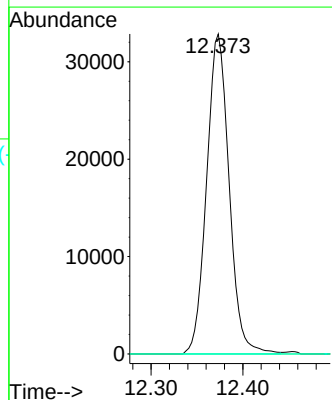
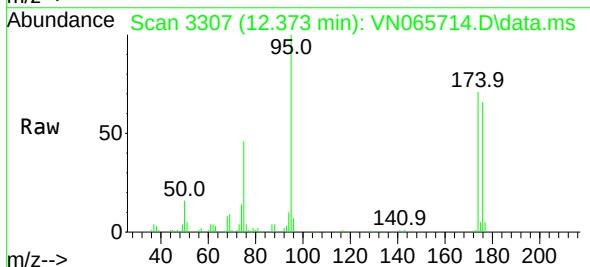
Instrument :
MSVOA_N
ClientSampled :

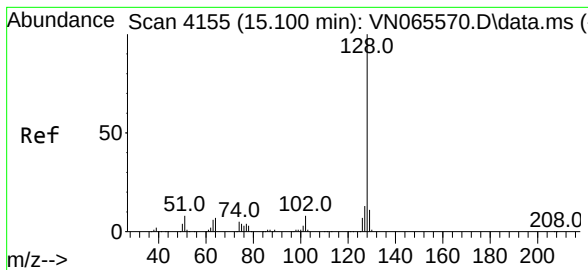
Tgt Ion: 75 Resp: 55986
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.19 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

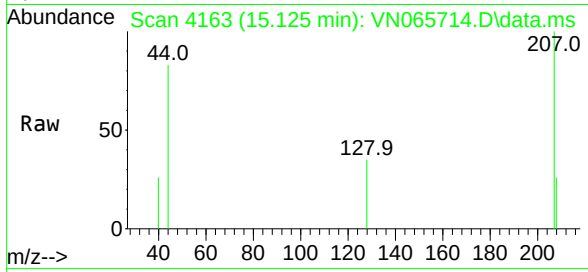
Tgt Ion: 75 Resp: 55986
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.50 ug/l
RT: 15.125 min Scan# 4163
Delta R.T. 0.025 min
Lab File: VN065714.D
Acq: 4 Feb 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 293
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

