

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065719.D
 Acq On : 4 Feb 2021 15:53
 Operator : JC/MD
 Sample : M1288-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

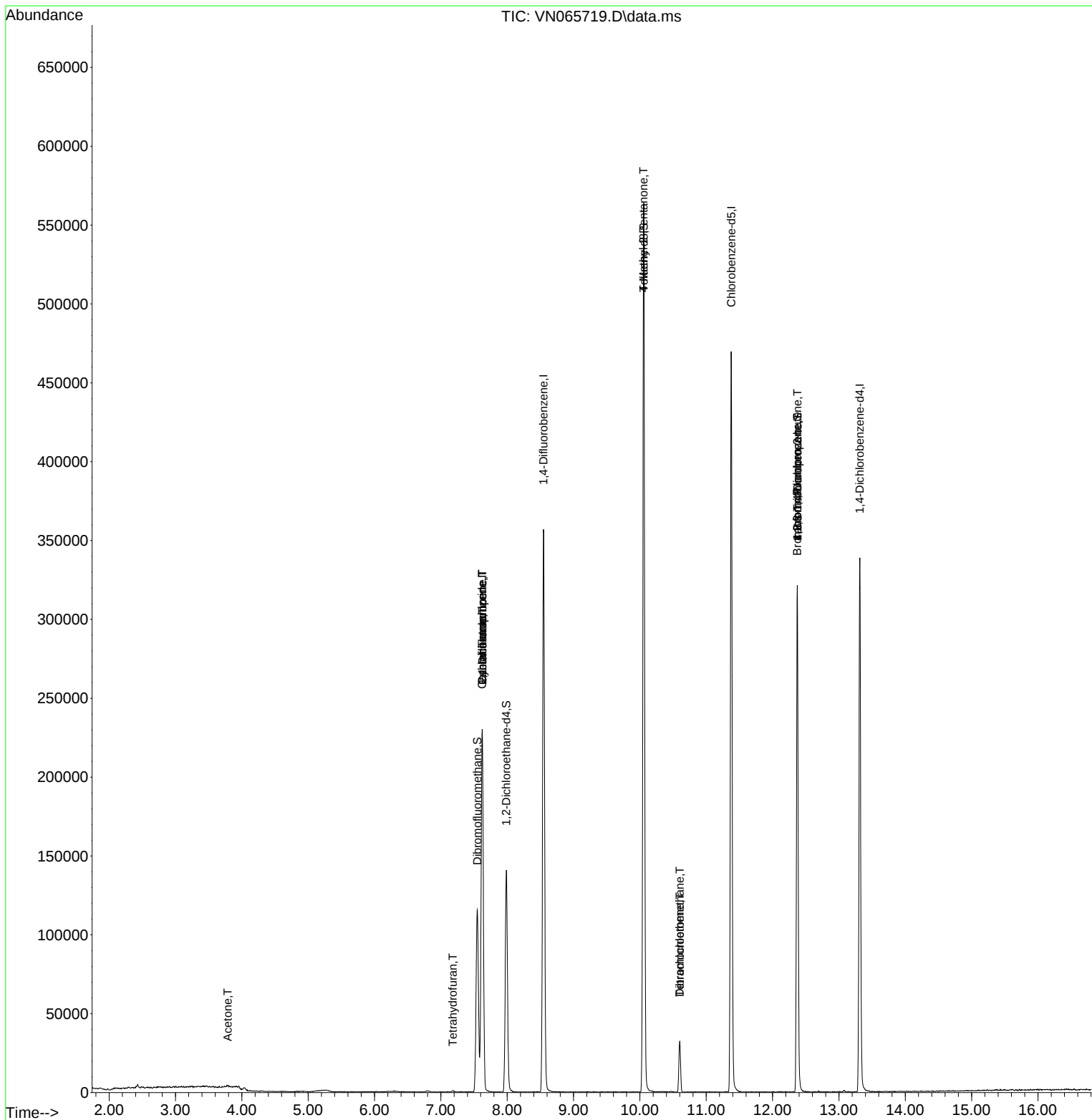
Quant Time: Feb 05 02:18:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	192353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	332458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	285480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	117078	46.27	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.54%
35) Dibromofluoromethane	7.550	113	95173	48.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.62%
50) Toluene-d8	10.058	98	410893	53.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.12%
62) 4-Bromofluorobenzene	12.373	95	130135	46.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.34%
Target Compounds						
					Qvalue	
16) Acetone	3.785	43	1233	1.25	ug/l	98
29) Tetrahydrofuran	7.180	42	944	0.84	ug/l #	50
31) Cyclohexane	7.624	56	3630	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	15024	4.49	ug/l #	47
38) Carbon Tetrachloride	7.621	117	18200	6.61	ug/l #	16
51) 4-Methyl-2-Pentanone	10.055	43	1589	0.51	ug/l #	1
60) Dibromochloromethane	10.601	129	7772	3.29	ug/l #	11
64) Tetrachloroethene	10.601	164	8173	3.42	ug/l	95
71) Bromoform	12.370	173	598	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	58923	22.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58923	58.81	ug/l #	12

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

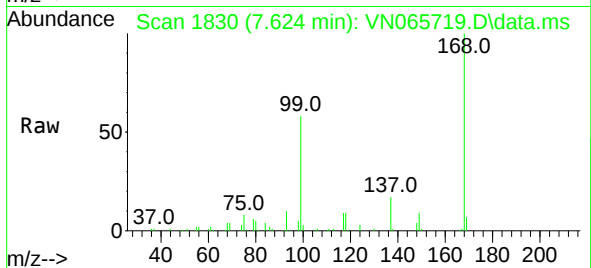
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



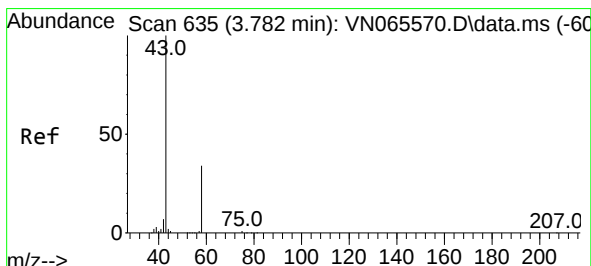
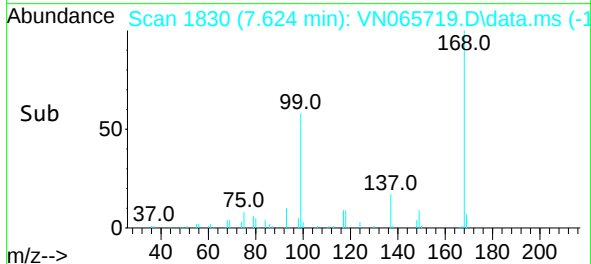
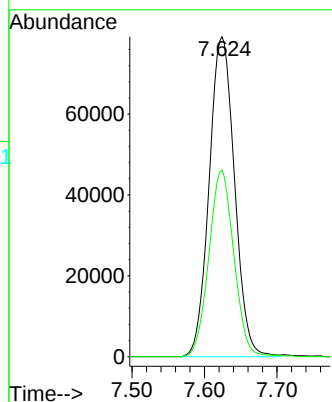


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Instrument :
MSVOA_N
ClientSampled :

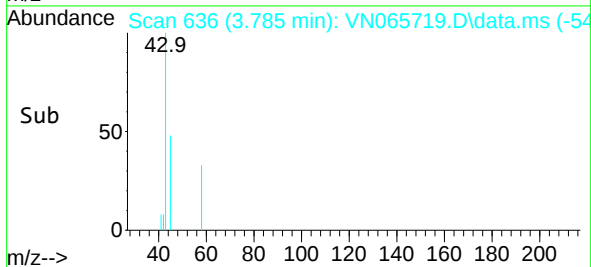
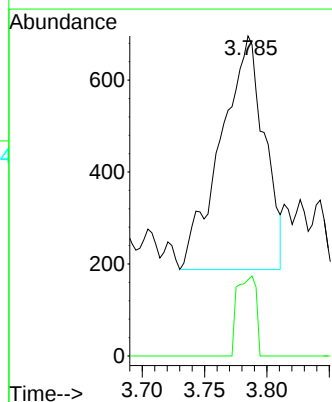
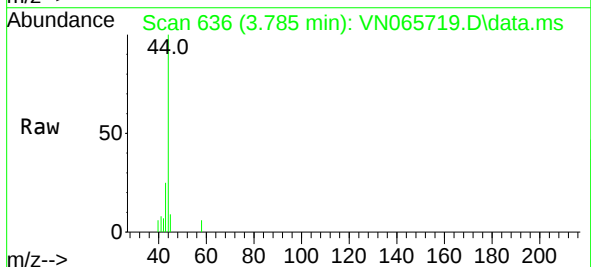


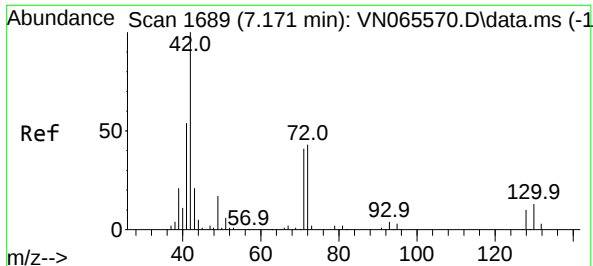
Tgt Ion:168 Resp: 192353
Ion Ratio Lower Upper
168 100
99 58.4 42.6 63.8



#16
Acetone
Concen: 1.25 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6





#29

Tetrahydrofuran

Concen: 0.84 ug/l

RT: 7.180 min Scan# 1692

Delta R.T. 0.009 min

Lab File: VN065719.D

Acq: 4 Feb 2021 15:53

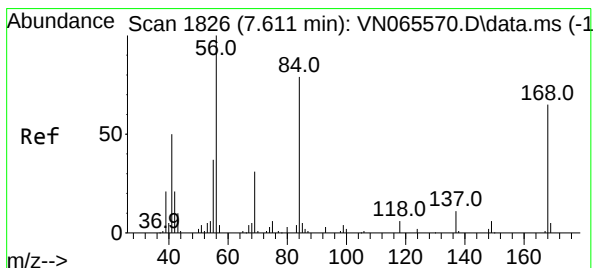
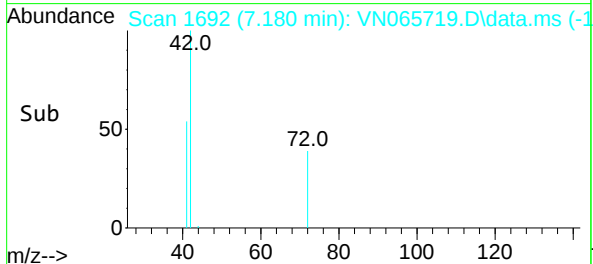
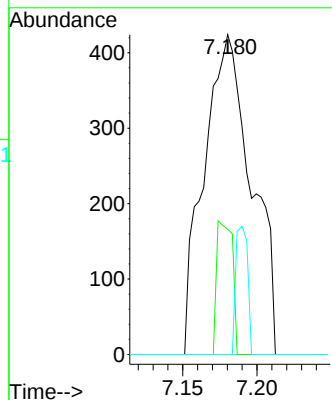
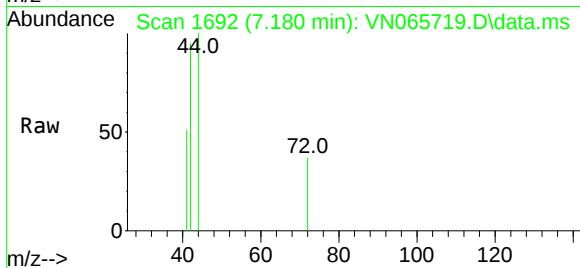
Tgt Ion: 42 Resp: 944

Ion Ratio Lower Upper

42 100

72 13.8 36.6 55.0#

71 9.9 34.3 51.5#



#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065719.D

Acq: 4 Feb 2021 15:53

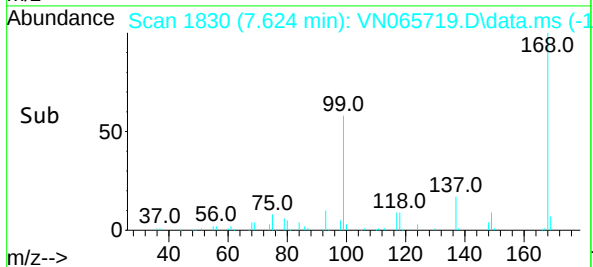
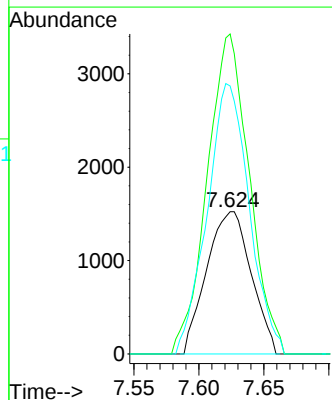
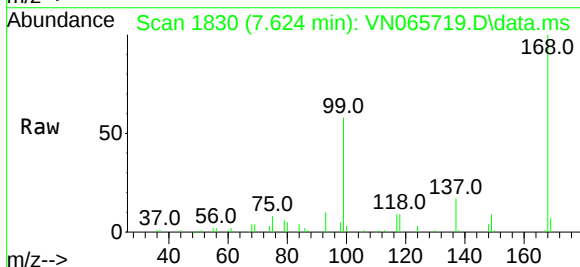
Tgt Ion: 56 Resp: 3630

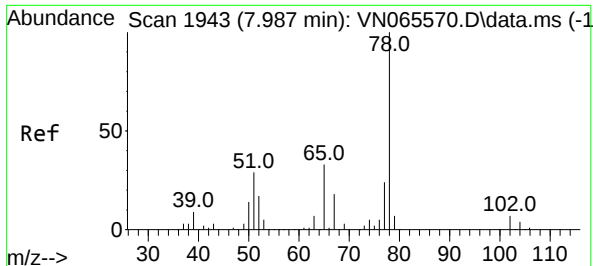
Ion Ratio Lower Upper

56 100

69 213.1 26.6 39.8#

84 178.3 70.4 105.6#

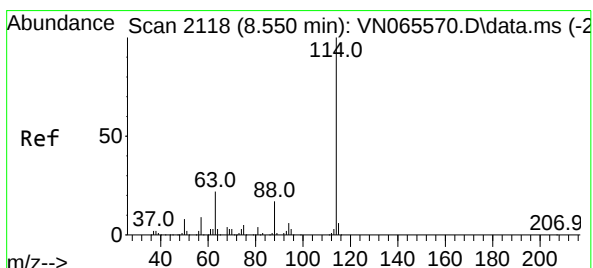
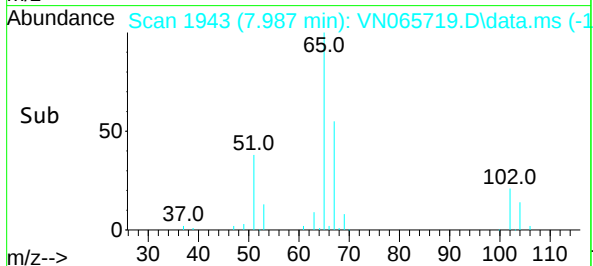
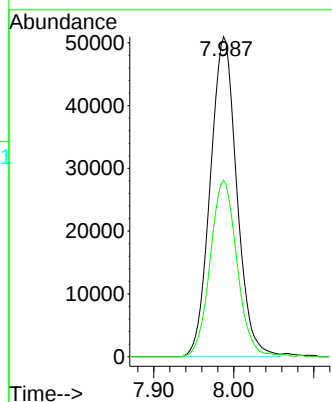
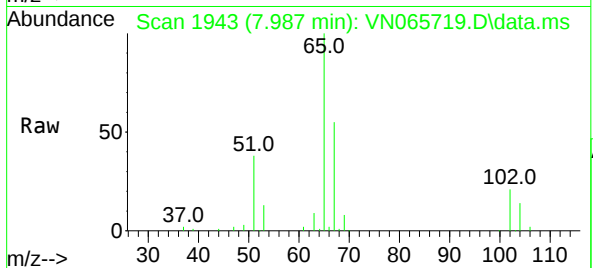




#33
1,2-Dichloroethane-d4
Concen: 46.27 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

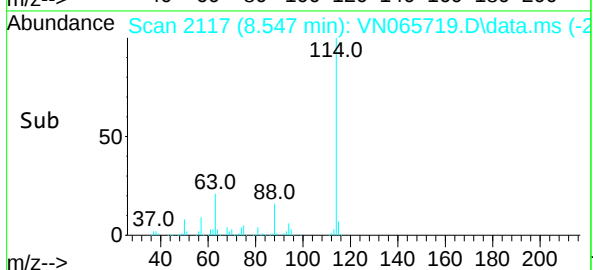
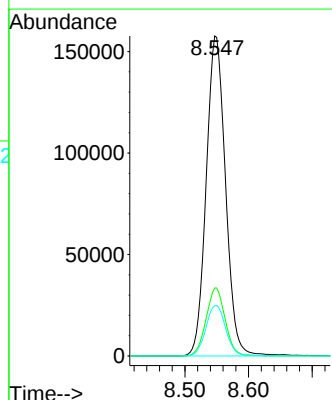
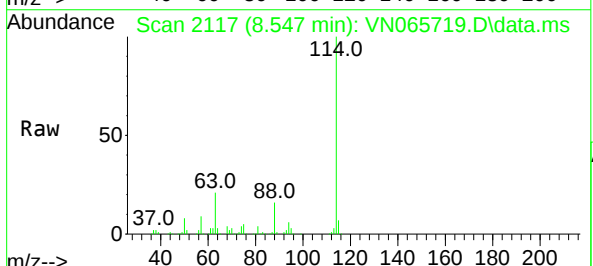
Instrument :
MSVOA_N
ClientSampleId :

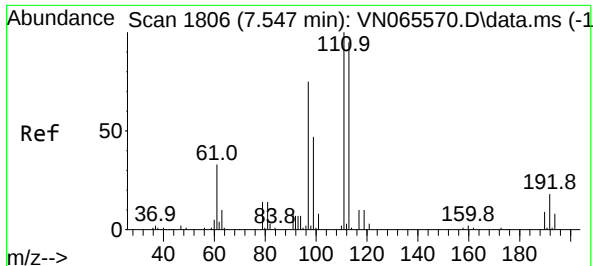
Tgt Ion: 65 Resp: 117078
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Tgt Ion: 114 Resp: 332458
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.31 ug/l

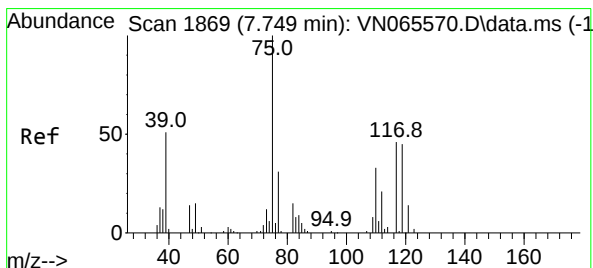
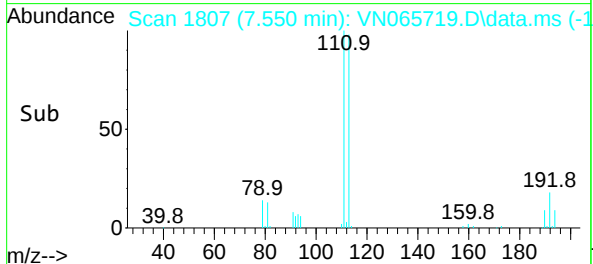
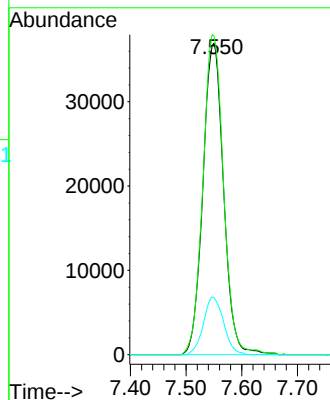
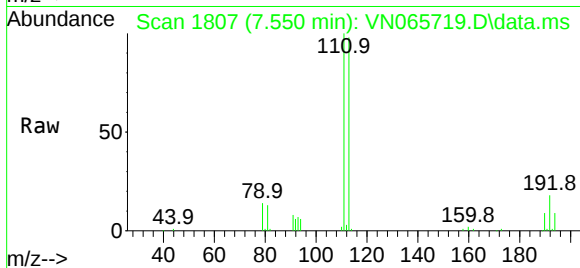
RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065719.D

Acq: 4 Feb 2021 15:53

Tgt Ion:	113	Resp:	95173
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	18.1	15.4	23.0



#36

1,1-Dichloropropene

Concen: 4.49 ug/l

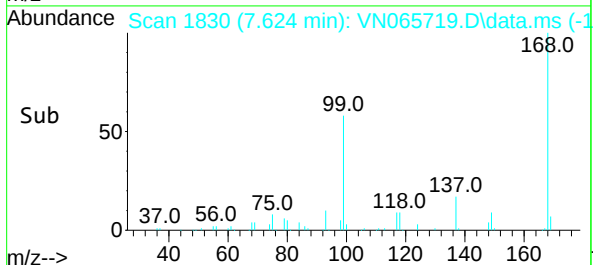
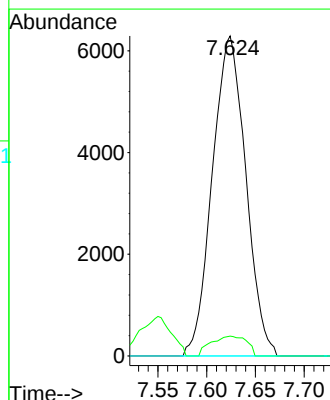
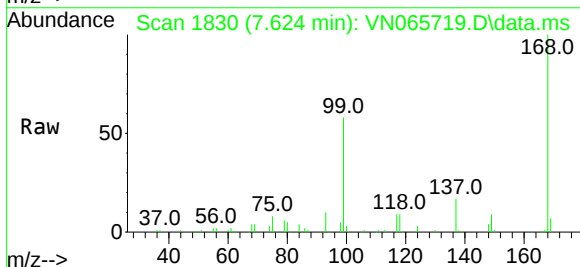
RT: 7.624 min Scan# 1830

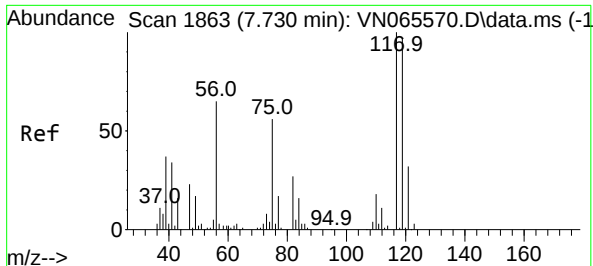
Delta R.T. -0.125 min

Lab File: VN065719.D

Acq: 4 Feb 2021 15:53

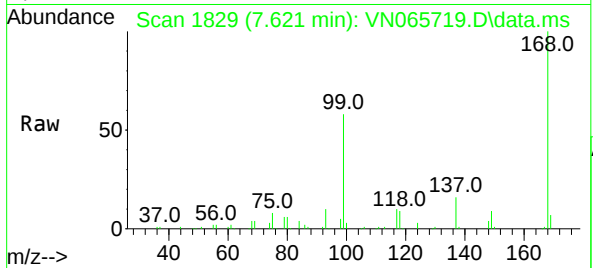
Tgt Ion:	75	Resp:	15024
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.2	54.6#
77	0.0	24.9	37.3#



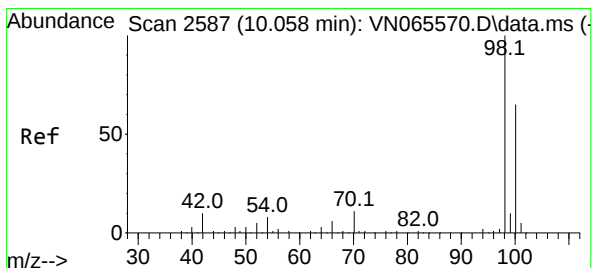
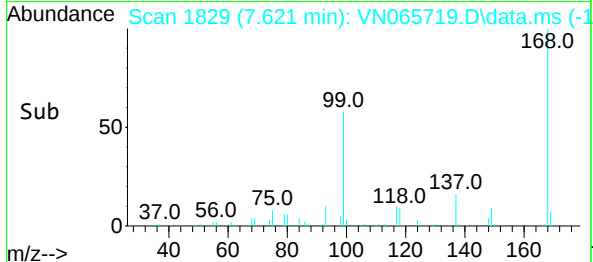
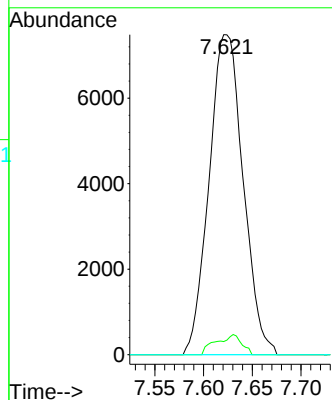


#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Instrument :
MSVOA_N
ClientSampled :

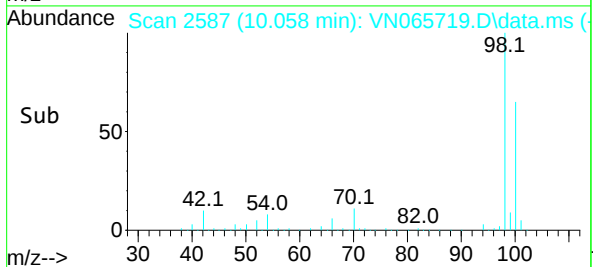
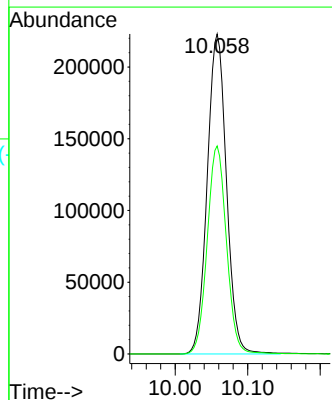
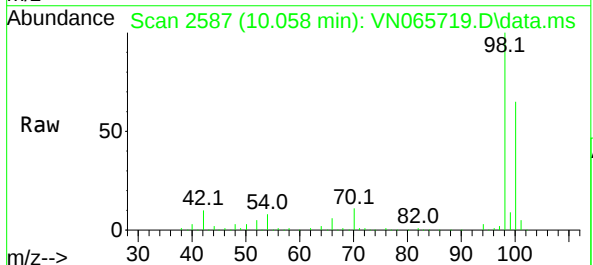


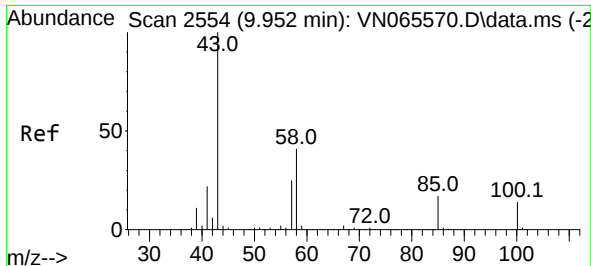
Tgt Ion:117 Resp: 18200
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.06 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Tgt Ion: 98 Resp: 410893
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

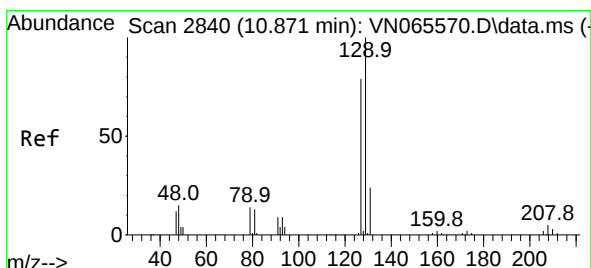
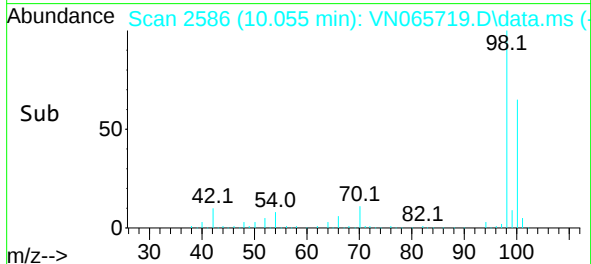
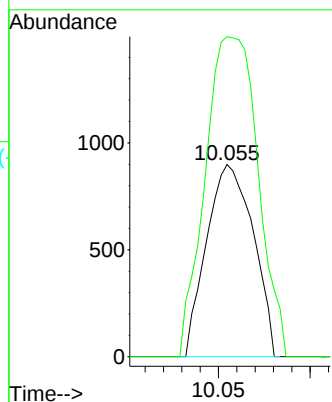
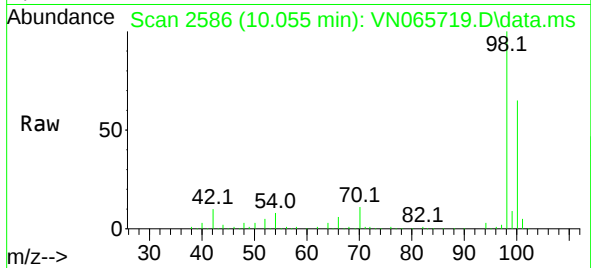




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

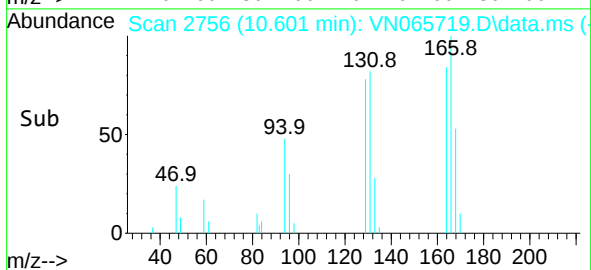
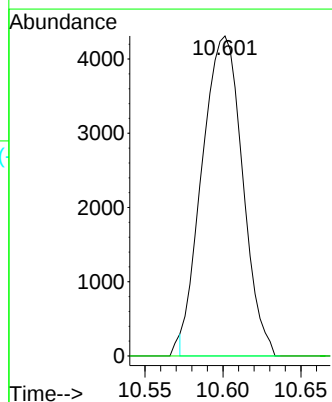
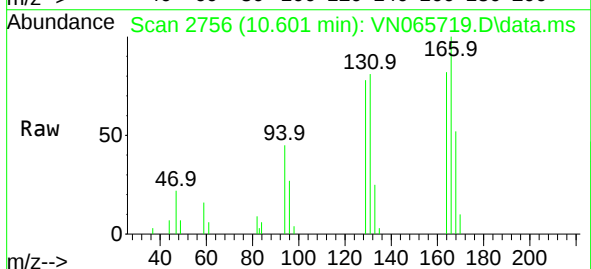
Instrument :
MSVOA_N
ClientSampled :

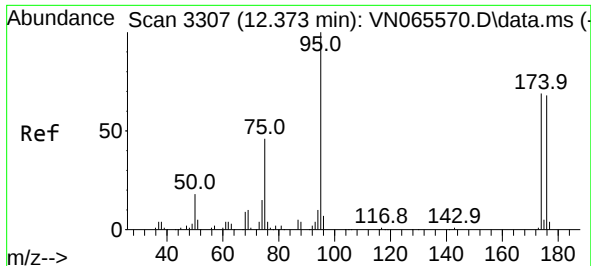
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 188.4 32.5 48.7#



#60
Dibromochloromethane
Concen: 3.29 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. -0.270 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Tgt Ion: 129 Resp: 7772
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

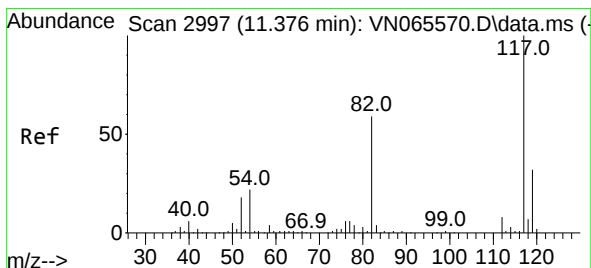
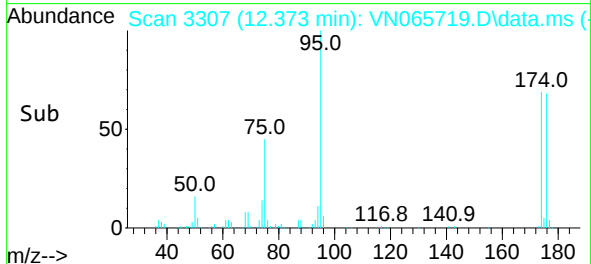
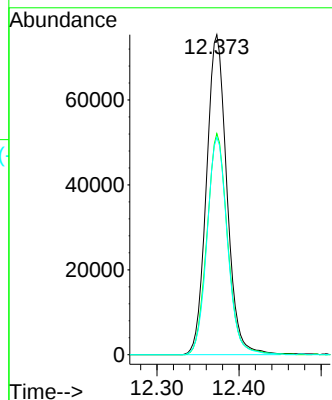
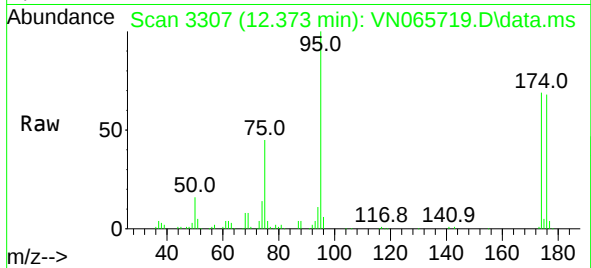




#62
4-Bromofluorobenzene
Concen: 46.67 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

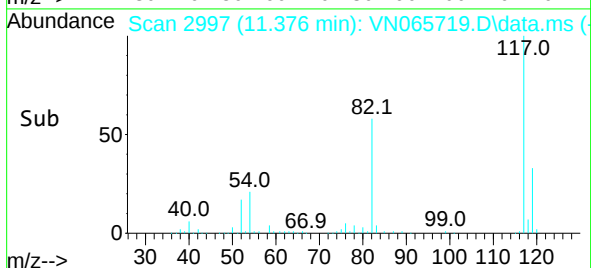
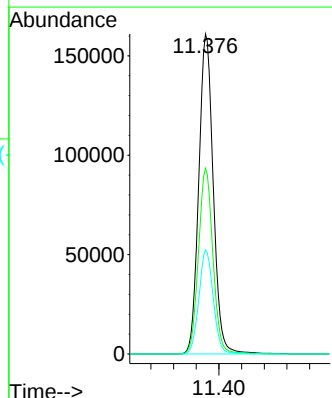
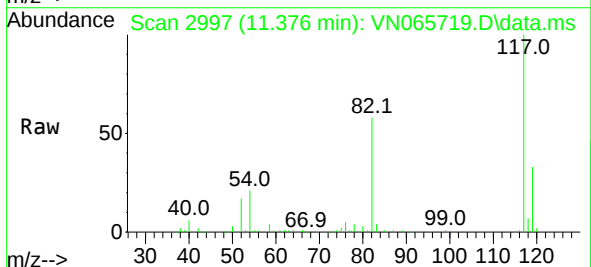
Instrument :
MSVOA_N
ClientSampleId :

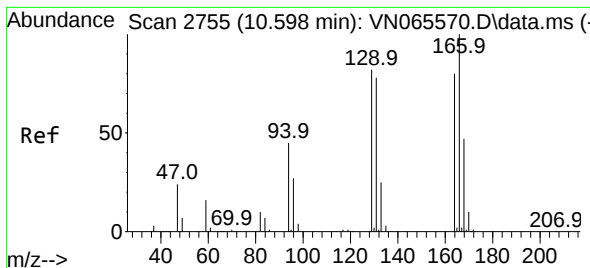
Tgt Ion: 95 Resp: 130135
Ion Ratio Lower Upper
95 100
174 69.9 0.0 169.0
176 68.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065719.D
Acq: 4 Feb 2021 15:53

Tgt Ion: 117 Resp: 285480
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 32.5 26.1 39.1





#64

Tetrachloroethene

Concen: 3.42 ug/l

RT: 10.601 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VN065719.D

Acq: 4 Feb 2021 15:53

Tgt Ion:164 Resp: 8173

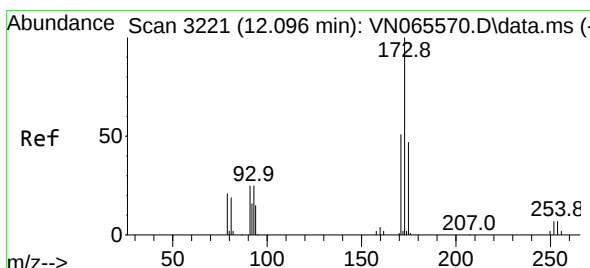
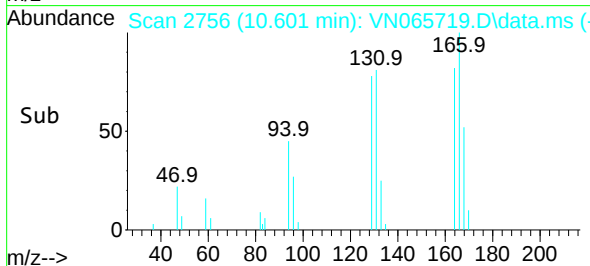
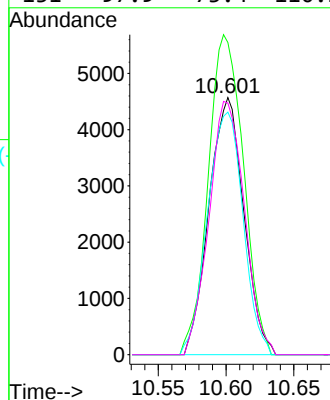
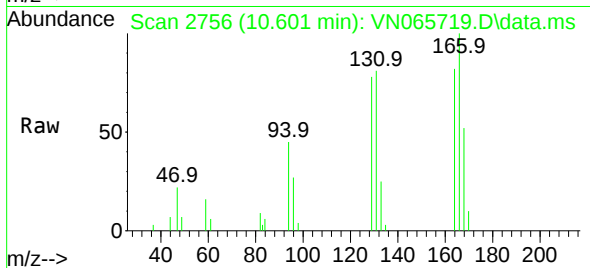
Ion Ratio Lower Upper

164 100

166 121.4 102.6 154.0

129 94.3 76.2 114.4

131 97.9 73.4 110.2



#71

Bromoform

Concen: 0.41 ug/l

RT: 12.370 min Scan# 3306

Delta R.T. 0.274 min

Lab File: VN065719.D

Acq: 4 Feb 2021 15:53

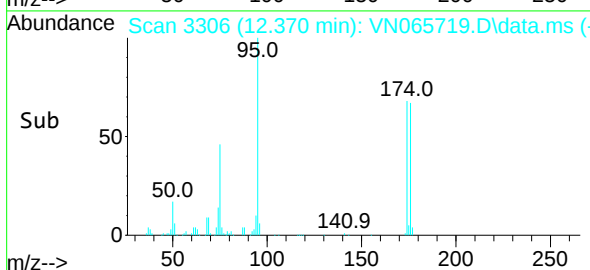
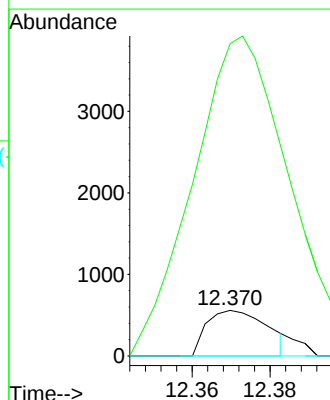
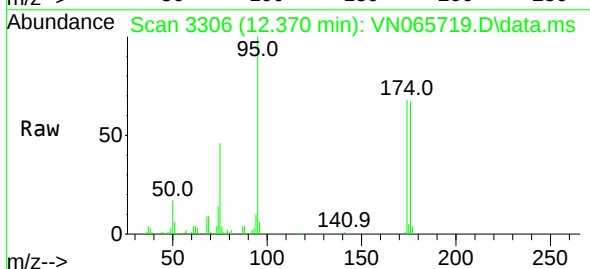
Tgt Ion:173 Resp: 598

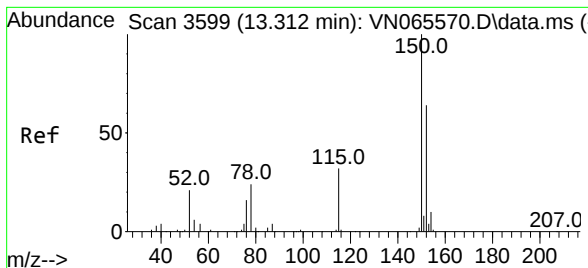
Ion Ratio Lower Upper

173 100

175 934.9 23.8 71.2#

254 0.0 0.0 0.0

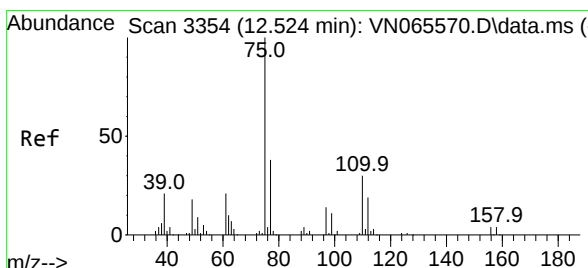
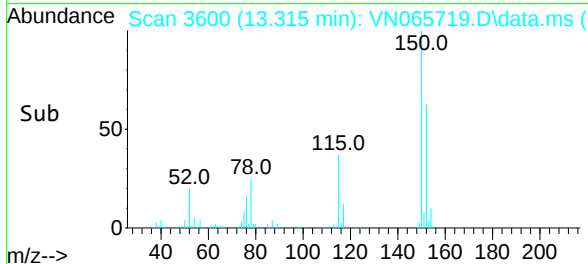
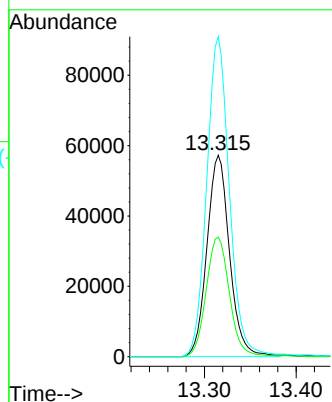
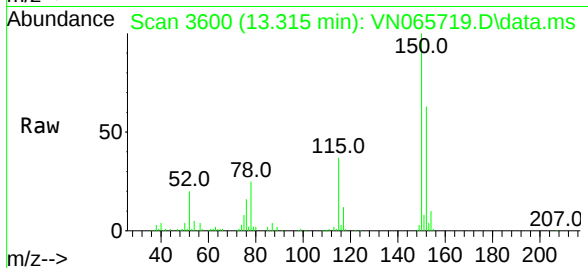




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065719.D
 Acq: 4 Feb 2021 15:53

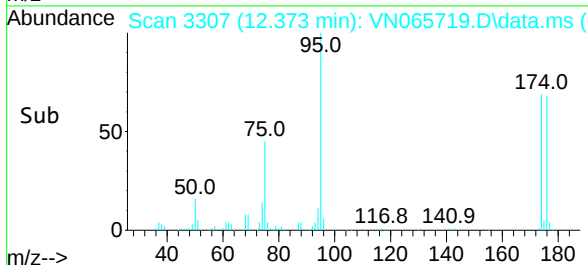
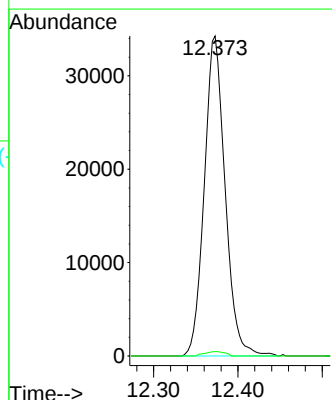
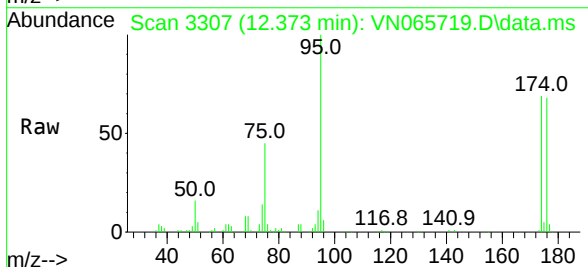
Instrument :
 MSVOA_N
 ClientSampled :

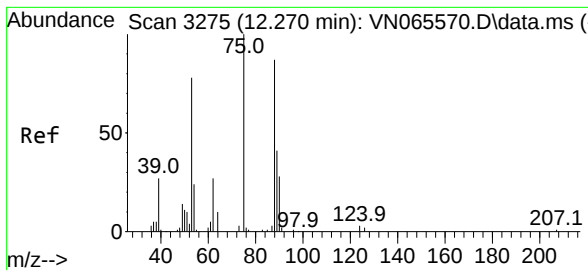
Tgt Ion:152 Resp: 98145
 Ion Ratio Lower Upper
 152 100
 115 61.0 28.5 85.6
 150 159.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 22.96 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065719.D
 Acq: 4 Feb 2021 15:53

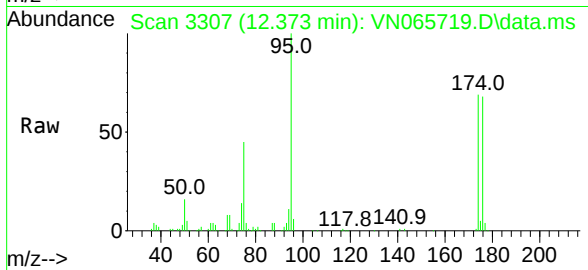
Tgt Ion: 75 Resp: 58923
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.81 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065719.D
 Acq: 4 Feb 2021 15:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 58923
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

