

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
 Data File : VN059717.D
 Acq On : 15 Jan 2020 15:52
 Operator : JC/MD
 Sample : L1145-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-5

Quant Time: Jan 16 03:42:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	278737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100424	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	96008	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.64%		
35) Dibromofluoromethane	7.56	113	84568	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.76%		
50) Toluene-d8	10.08	98	317665	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.64%		
62) 4-Bromofluorobenzene	12.40	95	107926	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.98%		

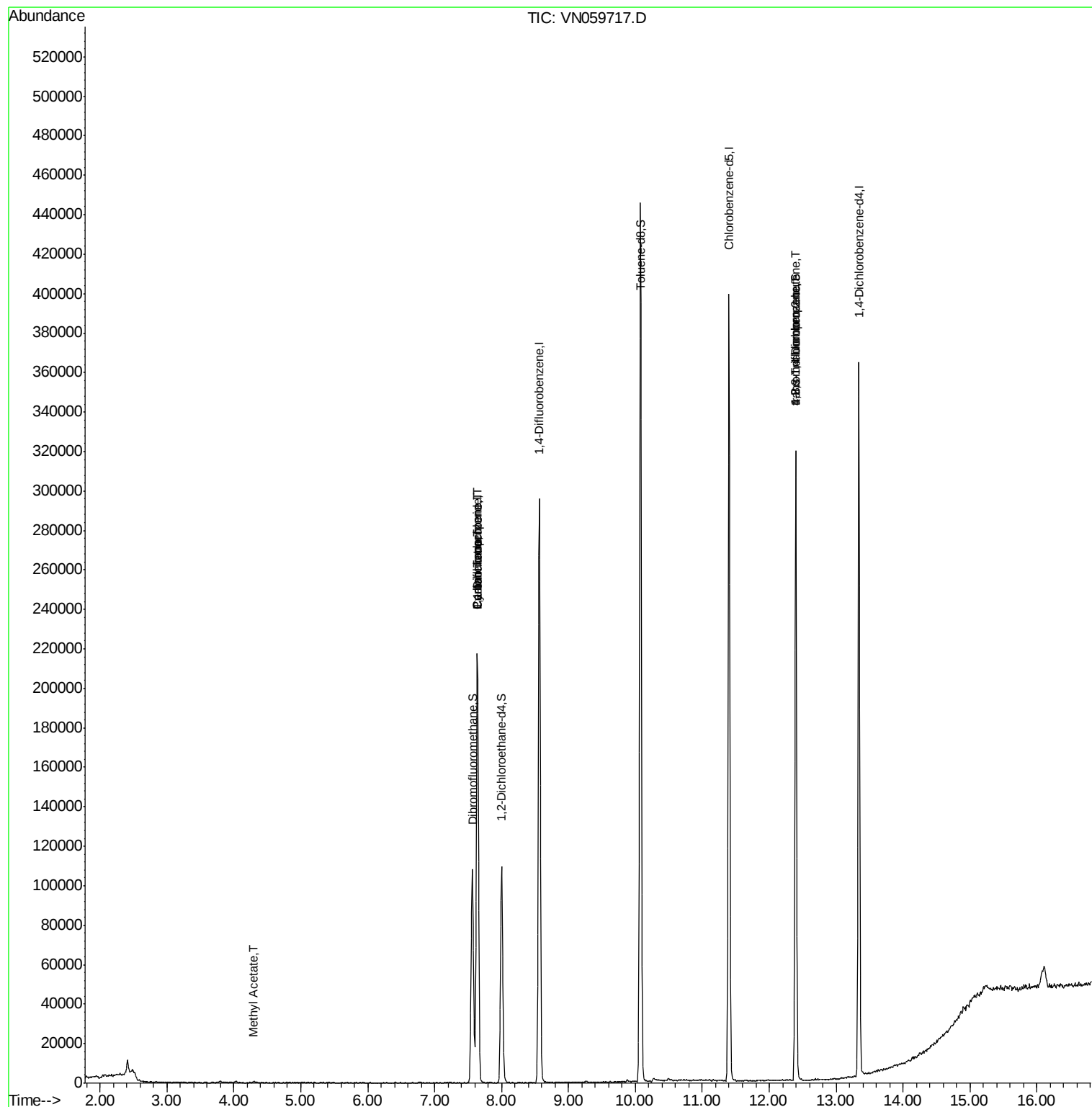
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1568	Below Cal	#	45
18) Methyl Acetate	4.29	43	2055	0.840	ug/l #	57
31) Cyclohexane	7.63	56	3662	1.181	ug/l #	13
36) 1,1-Dichloropropene	7.64	75	12519	5.157	ug/l #	50
38) Carbon Tetrachloride	7.64	117	17065	6.463	ug/l #	17
76) 1,2,3-Trichloropropane	12.40	75	53868	31.874	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	53868	68.449	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.25	75	275	Below Cal	#	6

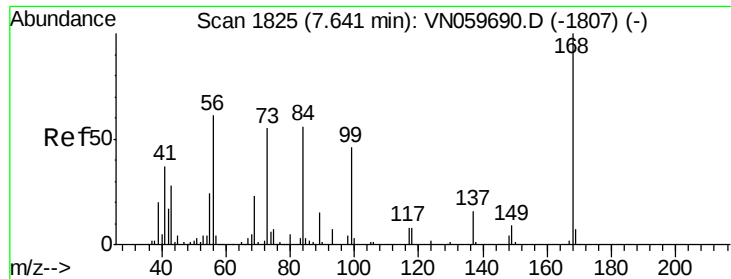
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
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Sample : L1145-01
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Instrument :
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ClientSampleId :
MH-5

Quant Time: Jan 16 03:42:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

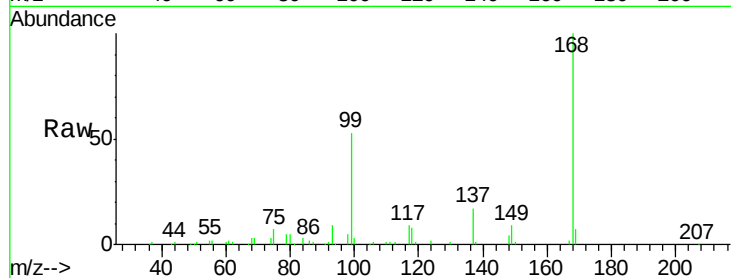
MH-5

Tgt Ion:168 Resp: 188695

Ion Ratio Lower Upper

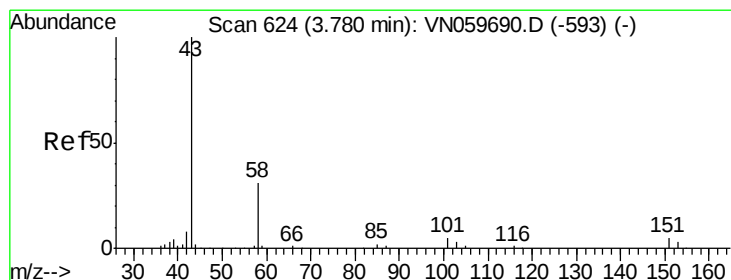
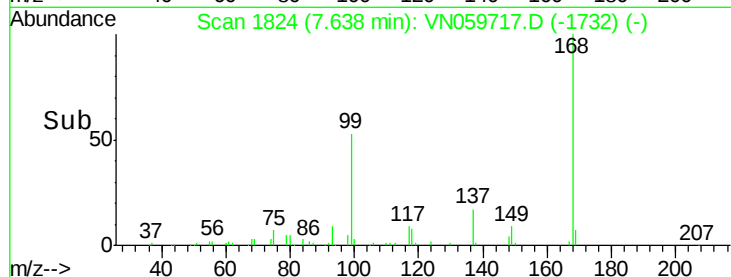
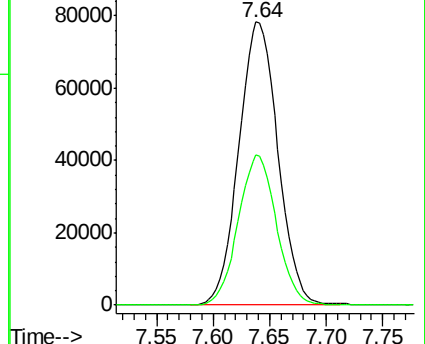
168 100

99 53.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN059717.D

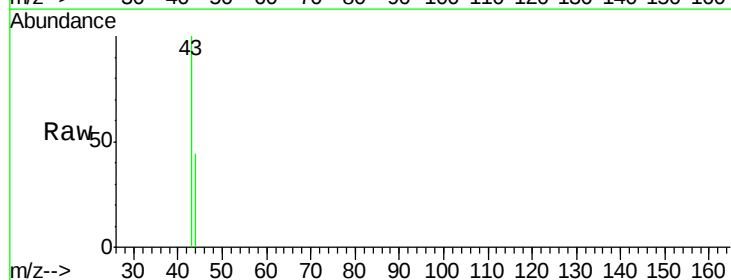
Acq: 15 Jan 2020 15:52

Tgt Ion: 43 Resp: 1568

Ion Ratio Lower Upper

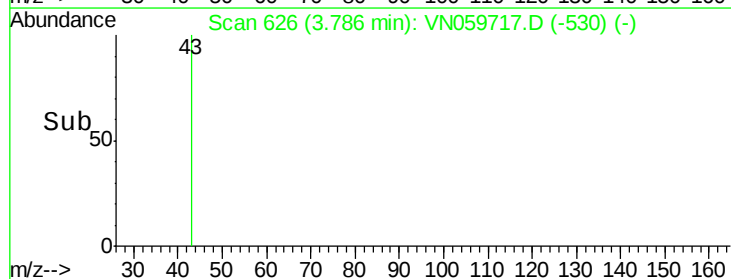
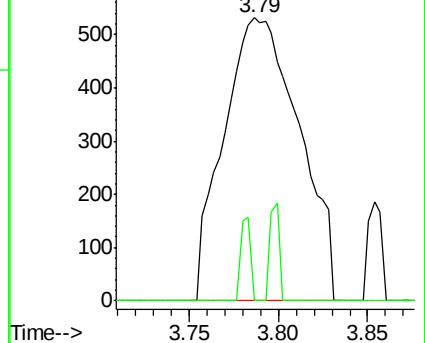
43 100

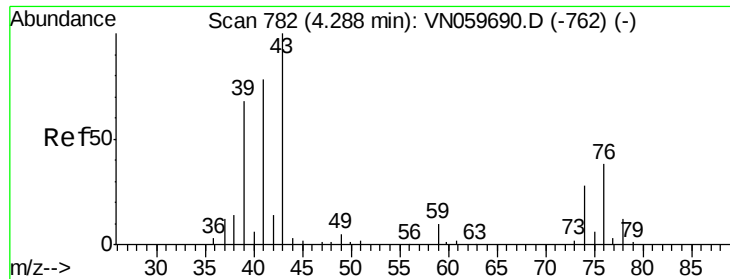
58 0.0 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methyl Acetate

Concen: 0.840 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

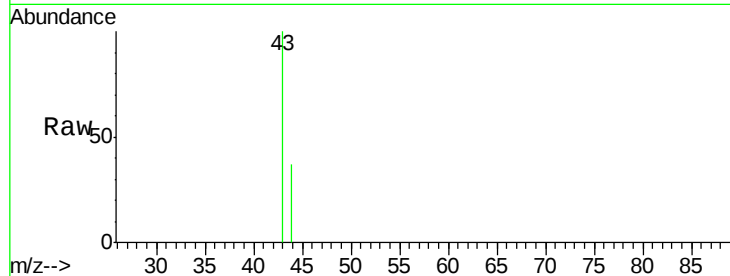
MH-5

Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

43 100

74 1.4 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

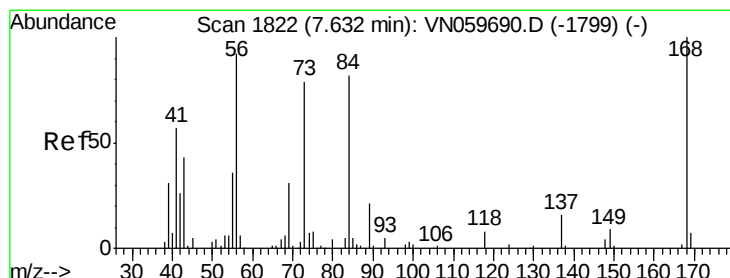
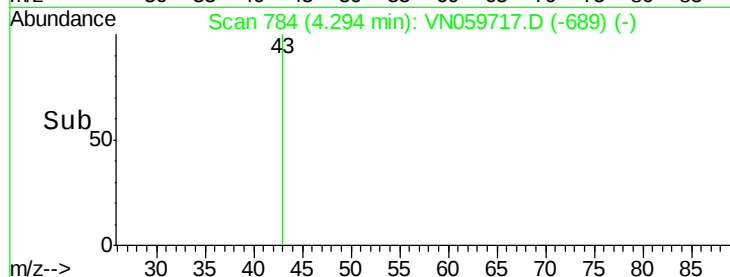
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

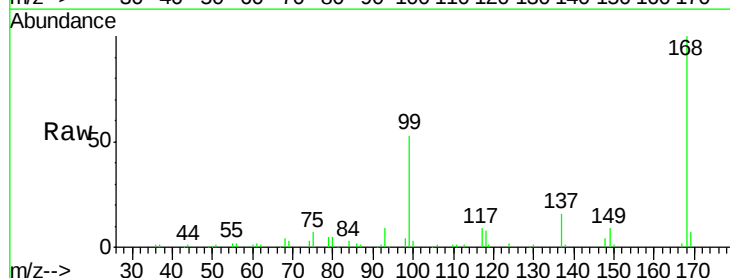
Tgt Ion: 56 Resp: 3662

Ion Ratio Lower Upper

56 100

69 140.4 26.5 39.7#

84 122.5 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

3000

2500

2000

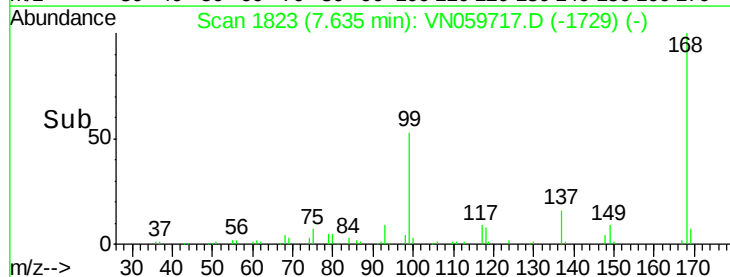
1500

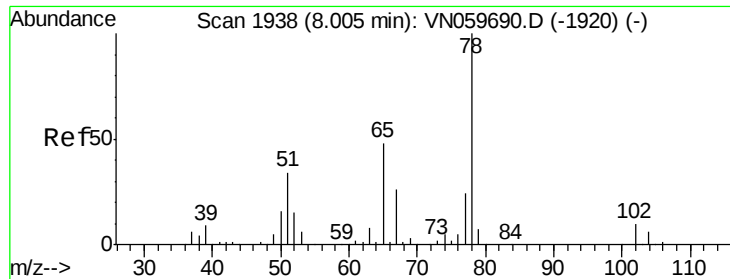
1000

500

0

Time-->

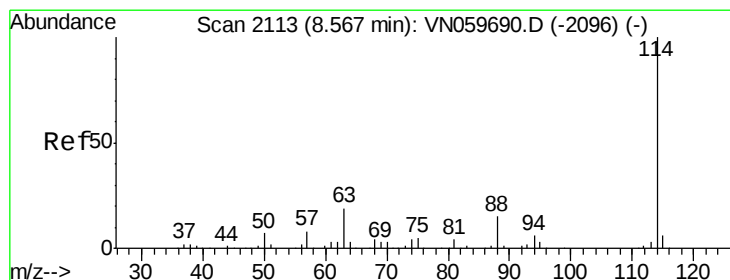
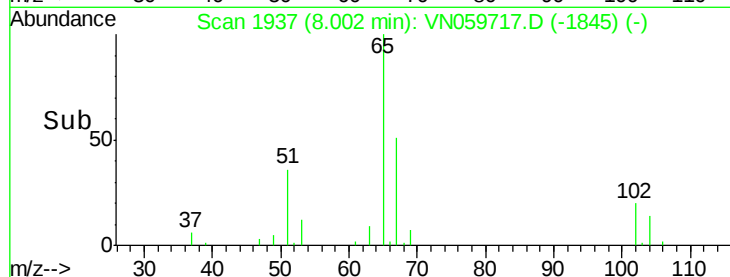
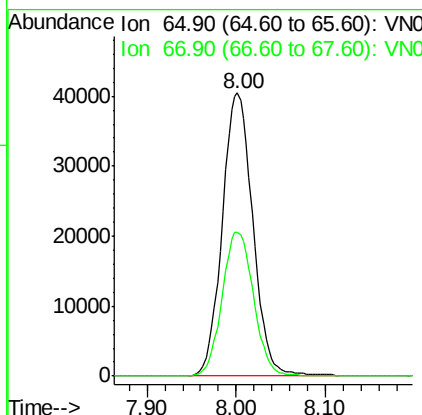
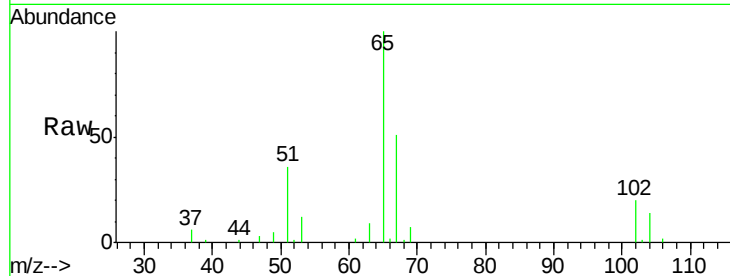




#33
 1,2-Dichloroethane-d4
 Concen: 45.816 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059717.D
 Acq: 15 Jan 2020 15:52

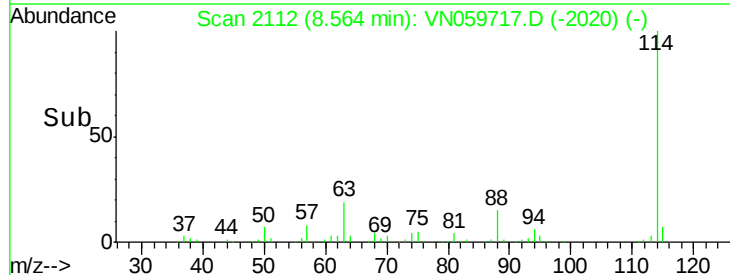
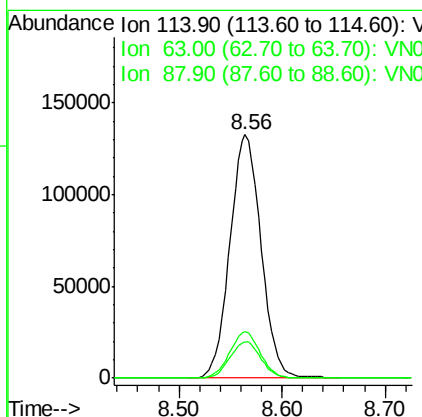
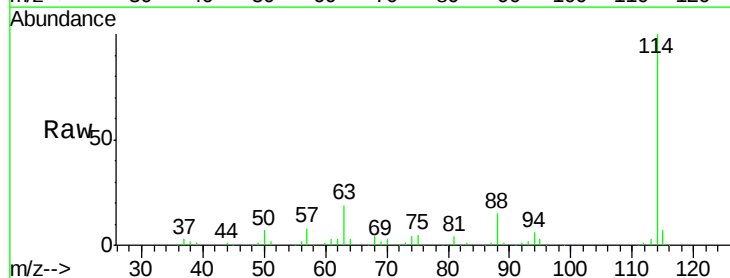
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-5

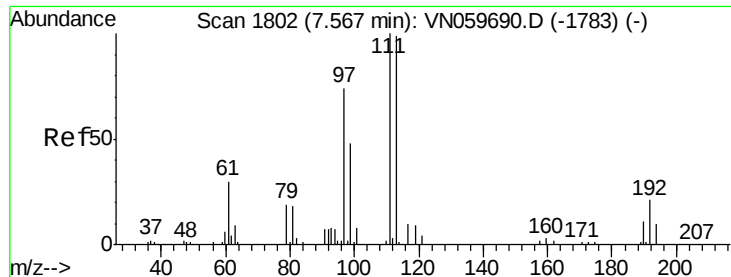
Tgt Ion: 65 Resp: 96008
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059717.D
 Acq: 15 Jan 2020 15:52

Tgt Ion: 114 Resp: 278737
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.6
 88 14.9 0.0 31.4

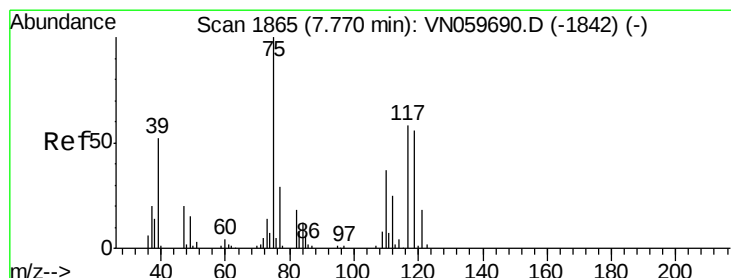
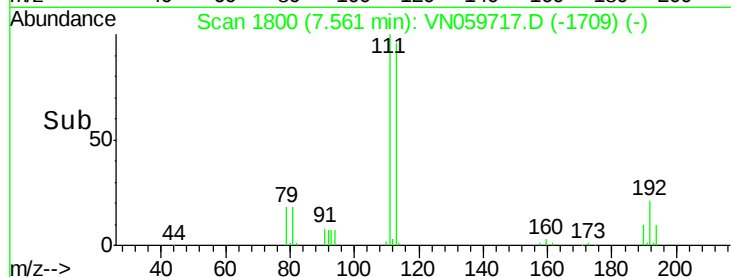
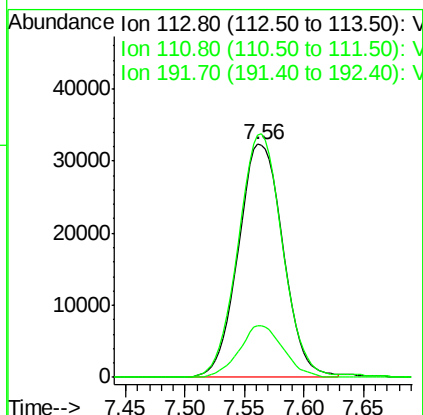
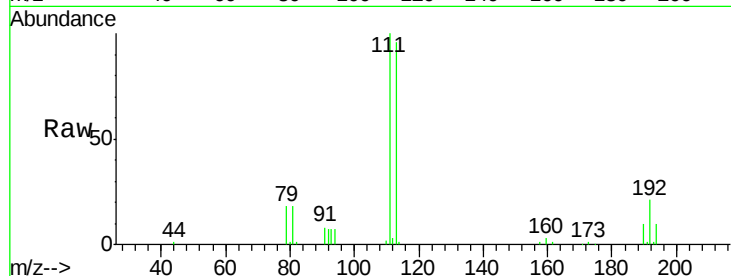




#35
 Dibromofluoromethane
 Concen: 50.876 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN059717.D
 Acq: 15 Jan 2020 15:52

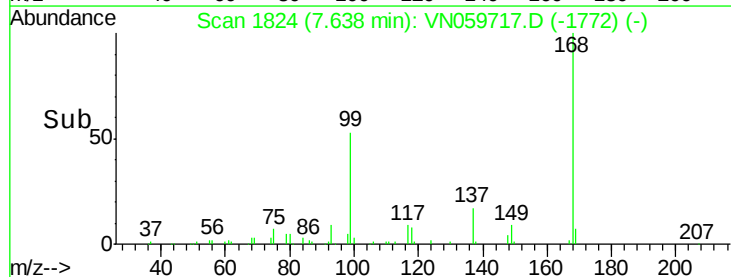
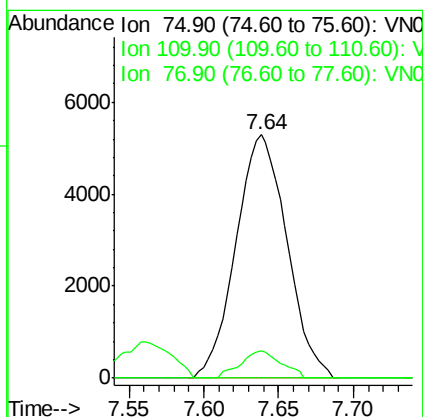
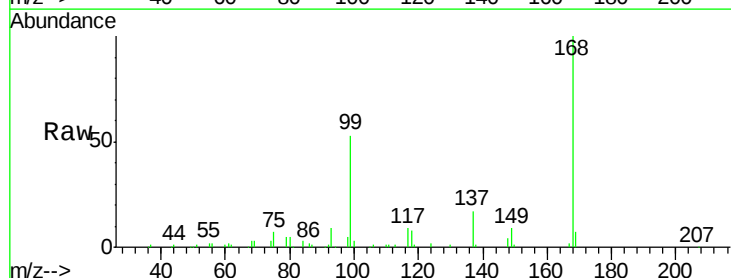
Instrument :
 MSVOA_N
 ClientSampled :
 MH-5

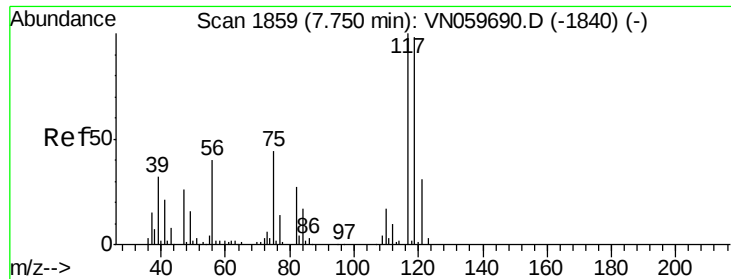
Tgt Ion:113 Resp: 84568
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.5 125.3
 192 21.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.157 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059717.D
 Acq: 15 Jan 2020 15:52

Tgt Ion: 75 Resp: 12519
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.6 49.7#
 77 0.0 25.1 37.7#

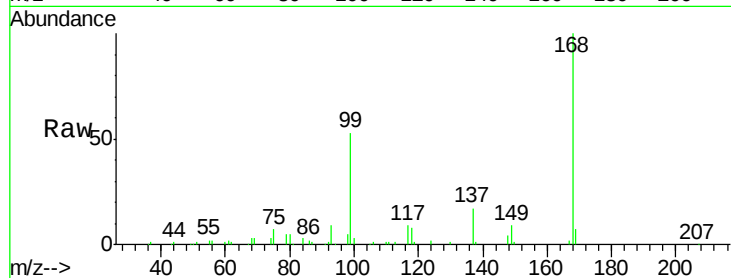




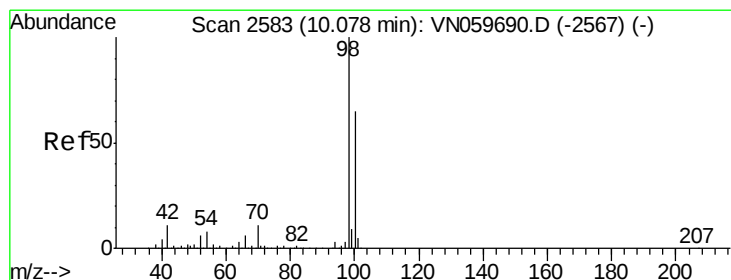
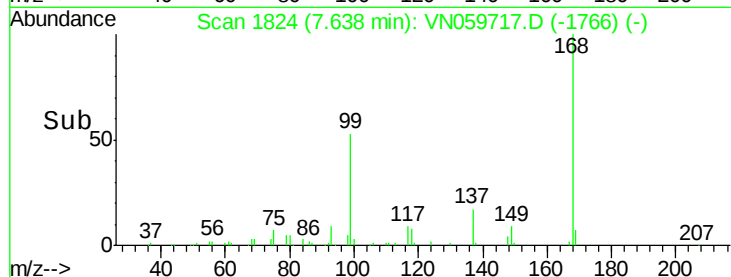
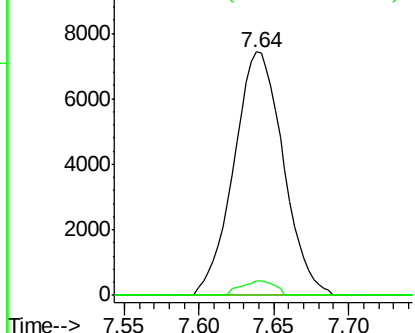
#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN059717.D
Acq: 15 Jan 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
MH-5

Tgt Ion:117 Resp: 17065
Ion Ratio Lower Upper
117 100
119 5.9 76.5 114.7#
121 0.0 25.1 37.7#

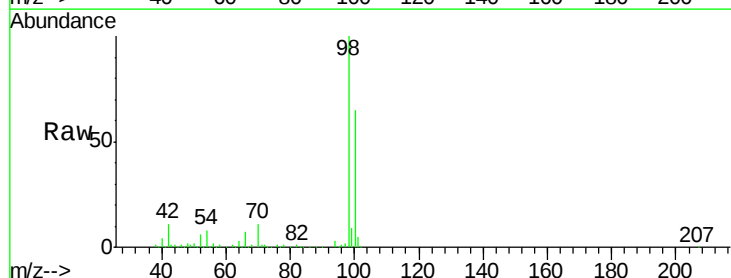


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

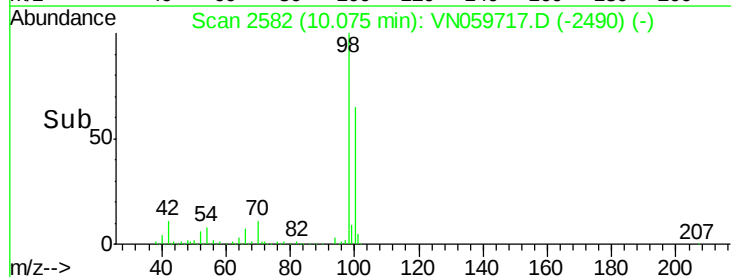
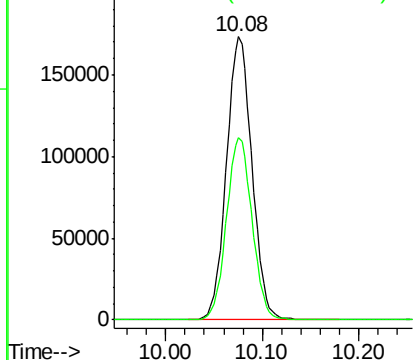


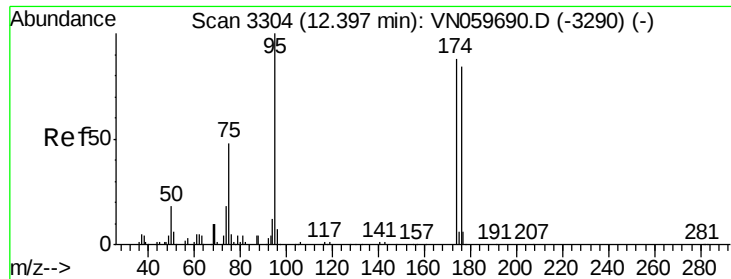
#50
Toluene-d8
Concen: 49.324 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059717.D
Acq: 15 Jan 2020 15:52

Tgt Ion: 98 Resp: 317665
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.485 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

MH-5

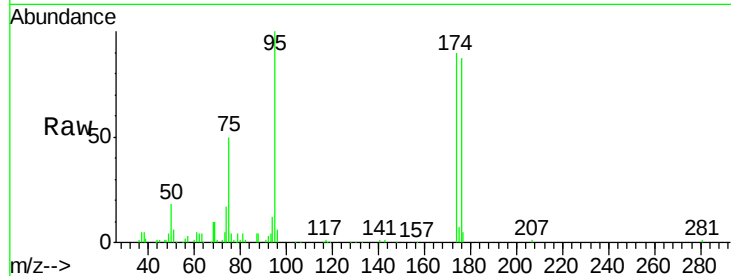
Tgt Ion: 95 Resp: 107926

Ion Ratio Lower Upper

95 100

174 89.5 0.0 151.4

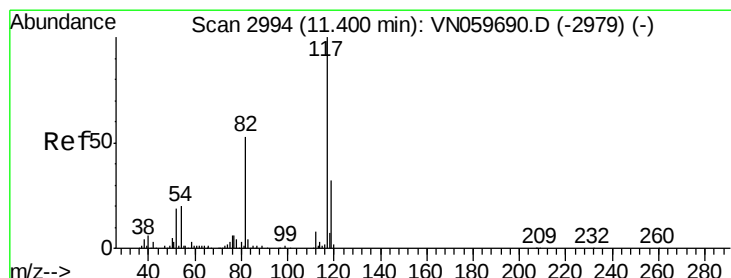
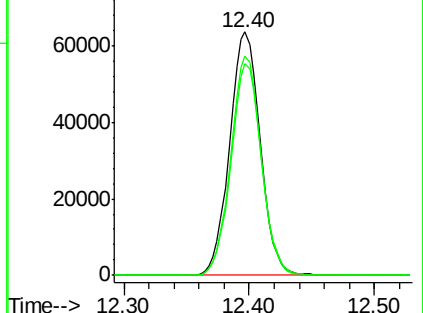
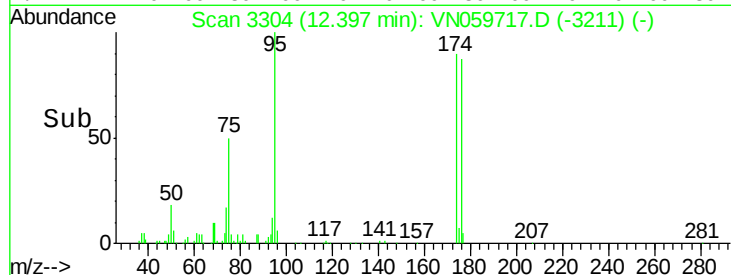
176 86.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059717.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059717.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059717.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

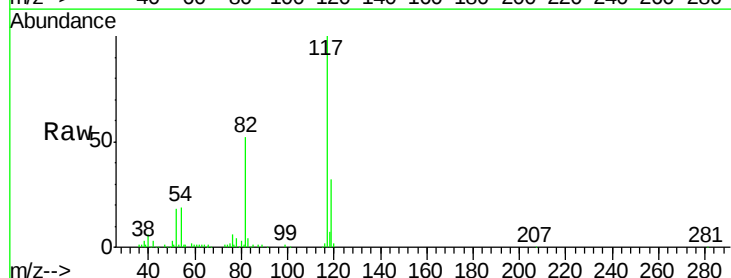
Tgt Ion: 117 Resp: 240083

Ion Ratio Lower Upper

117 100

82 52.2 45.9 68.9

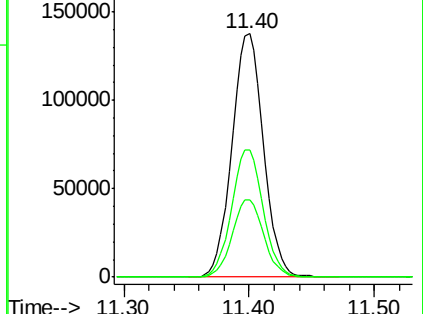
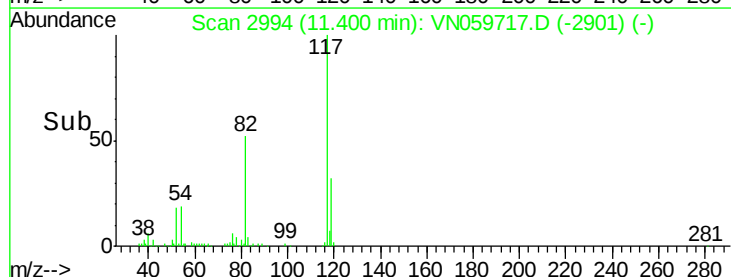
119 31.7 25.5 38.3

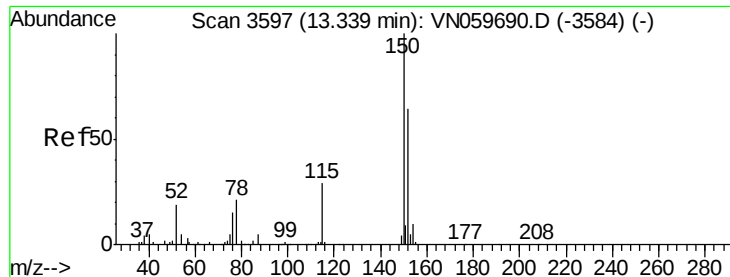


Abundance Ion 116.90 (116.60 to 117.60): VN059717.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059717.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059717.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

MH-5

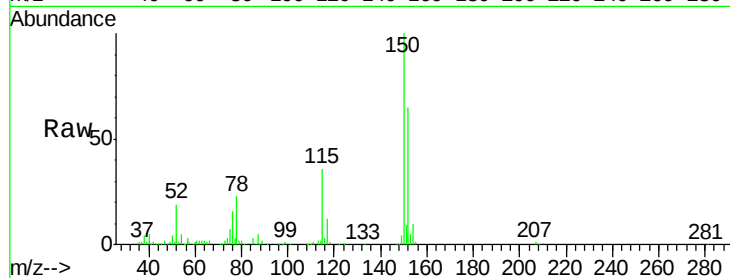
Tgt Ion:152 Resp: 100424

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

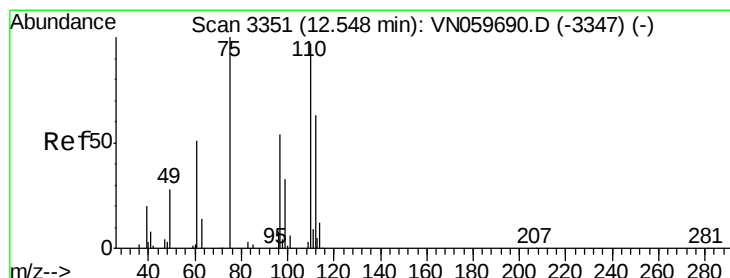
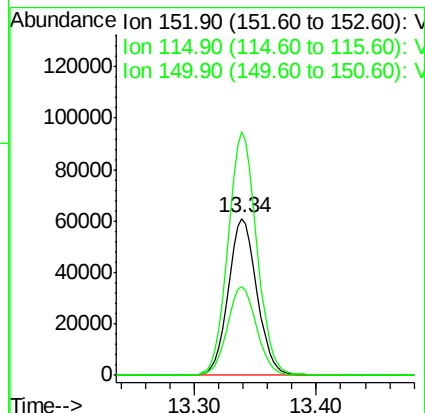
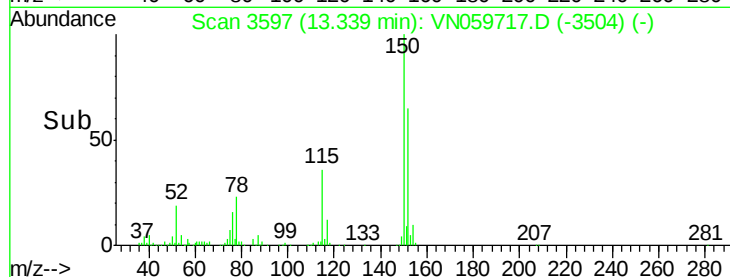
150 155.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 31.874 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059717.D

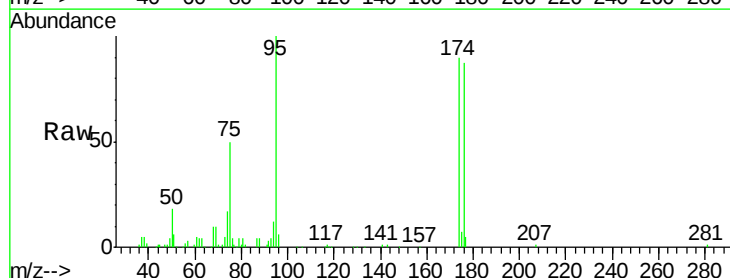
Acq: 15 Jan 2020 15:52

Tgt Ion: 75 Resp: 53868

Ion Ratio Lower Upper

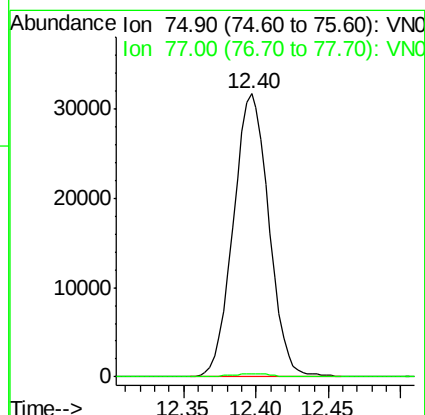
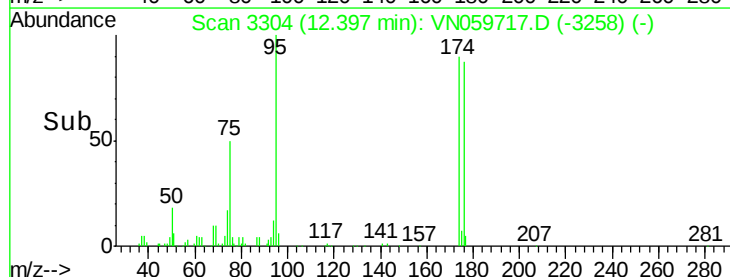
75 100

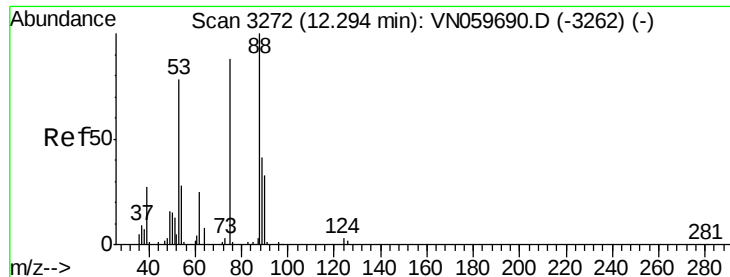
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 68.449 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

MH-5

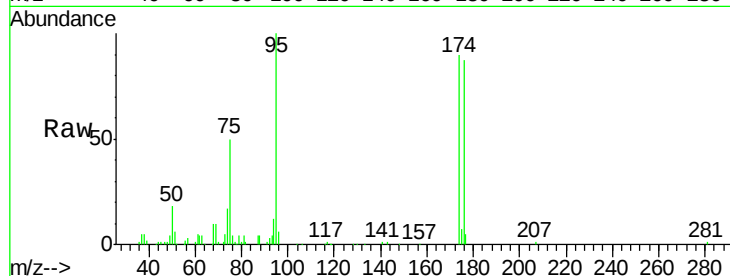
Tgt Ion: 75 Resp: 53868

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

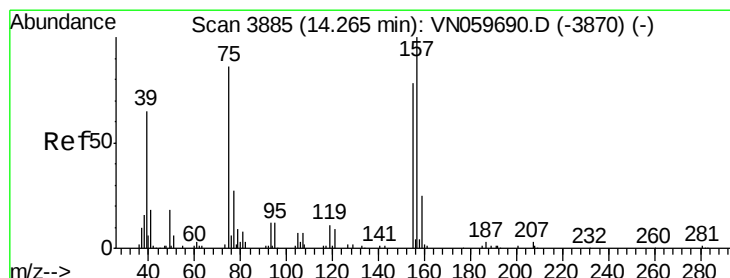
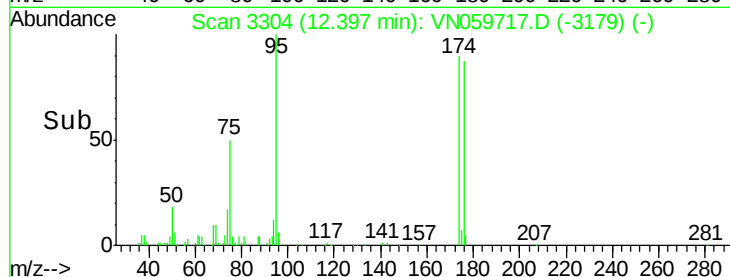
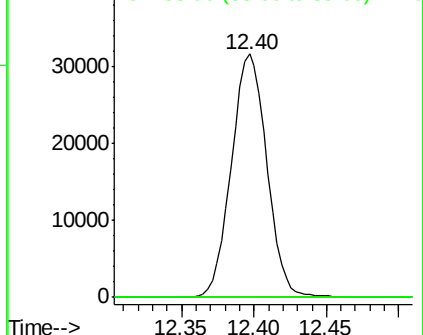
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN059717.D

Acq: 15 Jan 2020 15:52

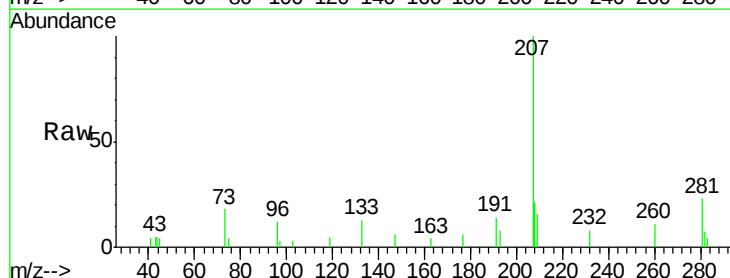
Tgt Ion: 75 Resp: 275

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

