

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
 Data File : VN059718.D
 Acq On : 15 Jan 2020 16:16
 Operator : JC/MD
 Sample : L1145-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-109

Quant Time: Jan 16 03:42:59 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	190522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104635	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	98539	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.14%		
35) Dibromofluoromethane	7.56	113	88297	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.46%		
50) Toluene-d8	10.08	98	323528	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.84%		
62) 4-Bromofluorobenzene	12.40	95	110300	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.54%		

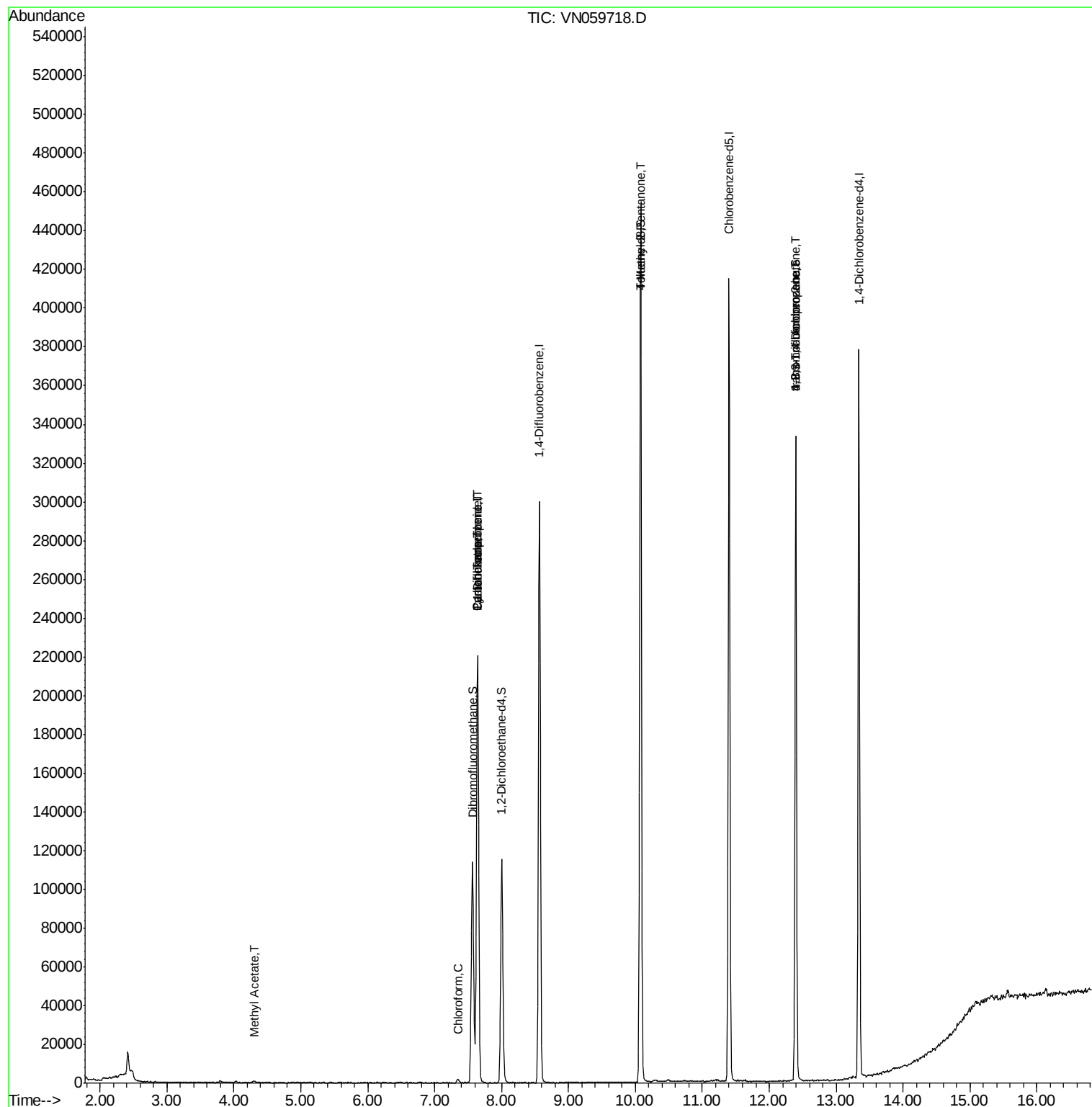
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1965	Below Cal		97
18) Methyl Acetate	4.30	43	2002	0.810	ug/l #	61
30) Chloroform	7.35	83	2366	0.702	ug/l	97
31) Cyclohexane	7.64	56	3608	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13172	5.285	ug/l #	50
38) Carbon Tetrachloride	7.64	117	17370	6.407	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1589	0.684	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	54809	31.126	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	54809	66.842	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30	Below Cal	#	6

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN011520\
Data File : VN059718.D
Acq On : 15 Jan 2020 16:16
Operator : JC/MD
Sample : L1145-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-109

Quant Time: Jan 16 03:42:59 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# 1825

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampled :

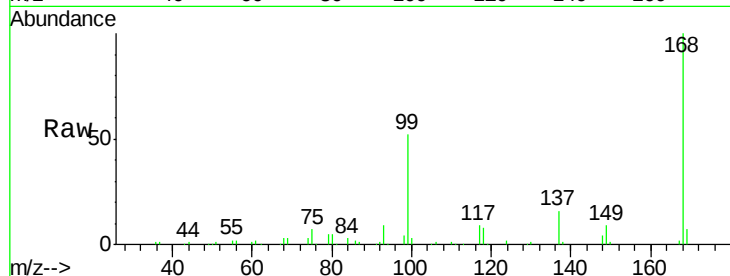
MH-109

Tgt Ion: 168 Resp: 190522

Ion Ratio Lower Upper

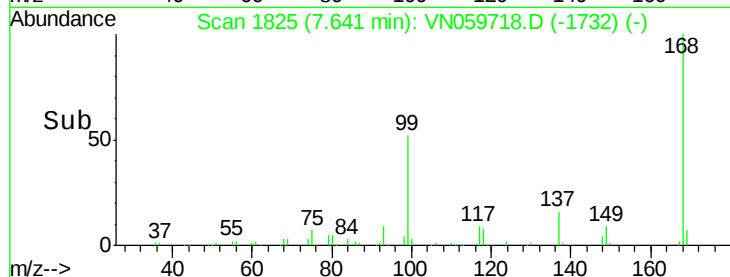
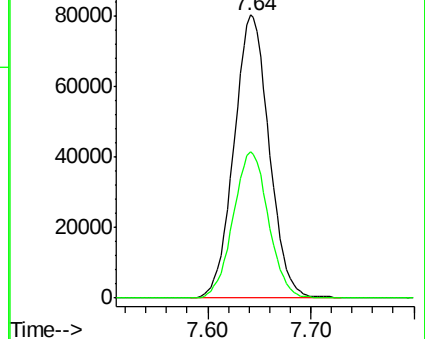
168 100

99 51.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059718.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059718.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059718.D

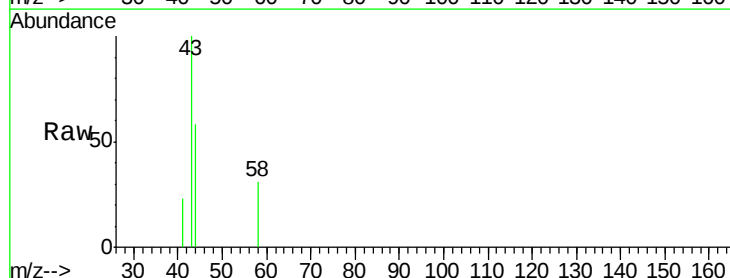
Acq: 15 Jan 2020 16:16

Tgt Ion: 43 Resp: 1965

Ion Ratio Lower Upper

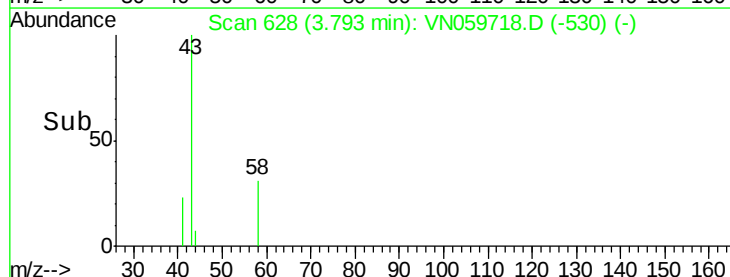
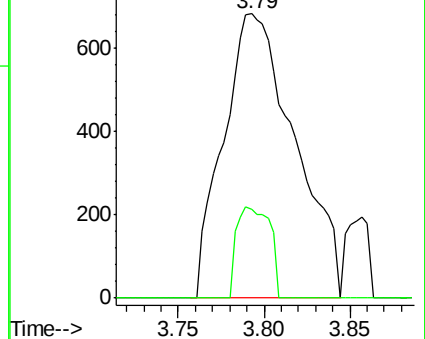
43 100

58 31.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059718.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059718.D (-530) (-)

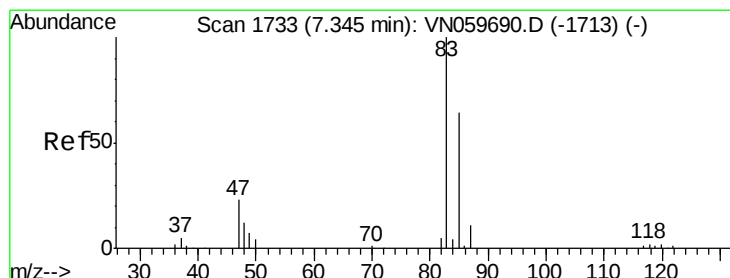
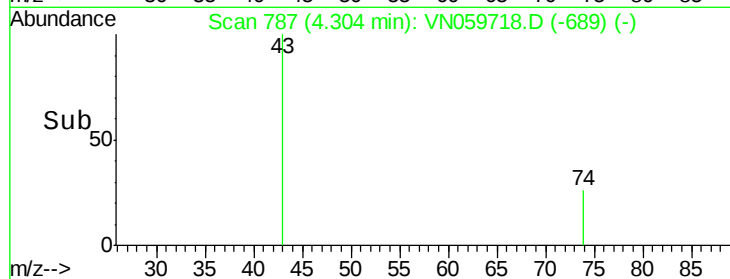
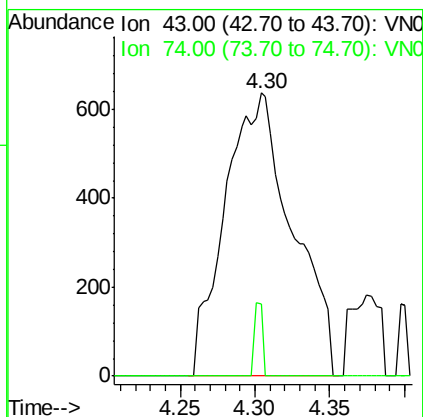
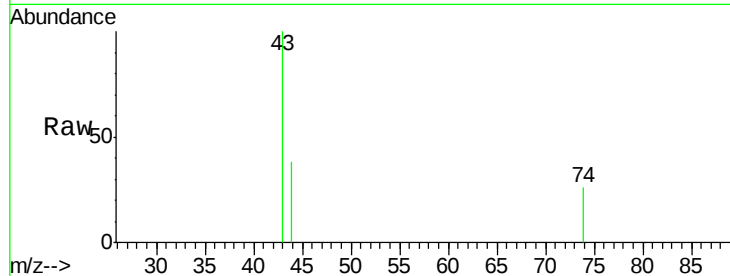




#18
Methyl Acetate
Concen: 0.810 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.02 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

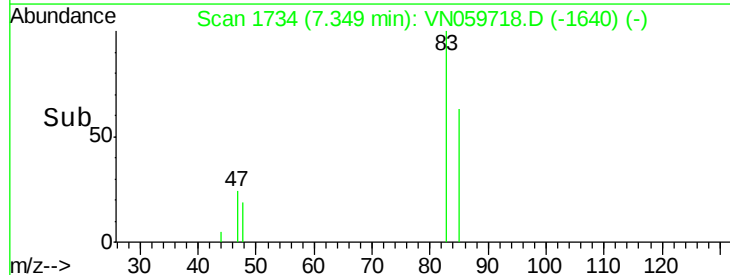
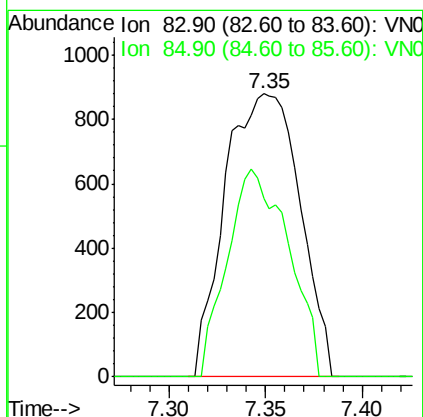
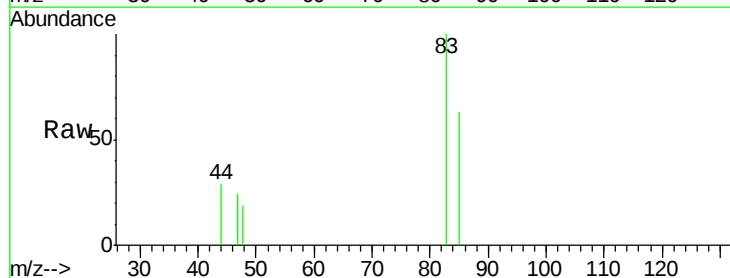
Instrument :
MSVOA_N
ClientSampled :
MH-109

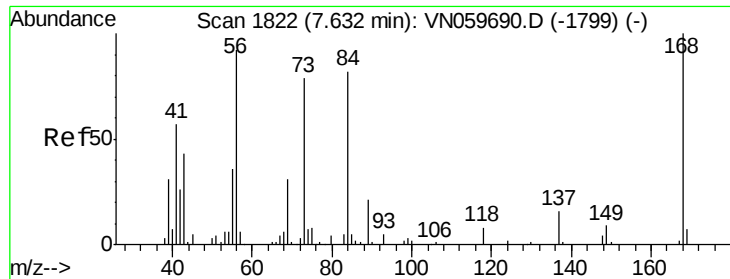
Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
74 3.1 17.5 26.3#



#30
Chloroform
Concen: 0.702 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

Tgt Ion: 83 Resp: 2366
Ion Ratio Lower Upper
83 100
85 62.9 52.4 78.6

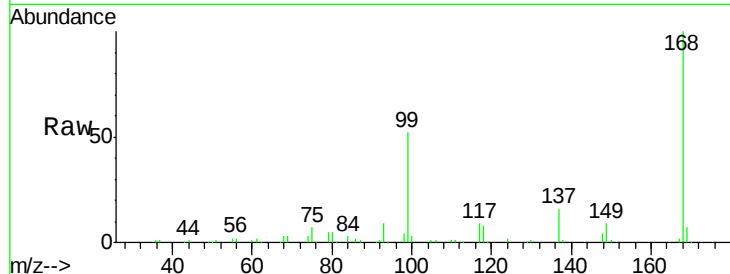




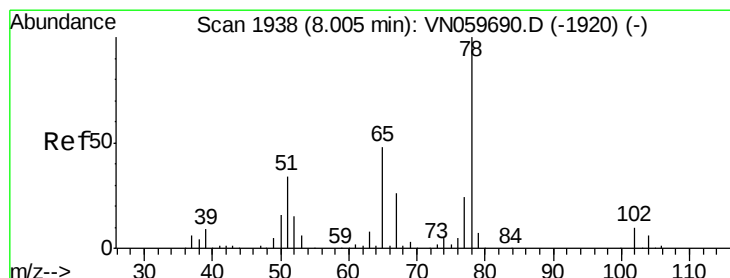
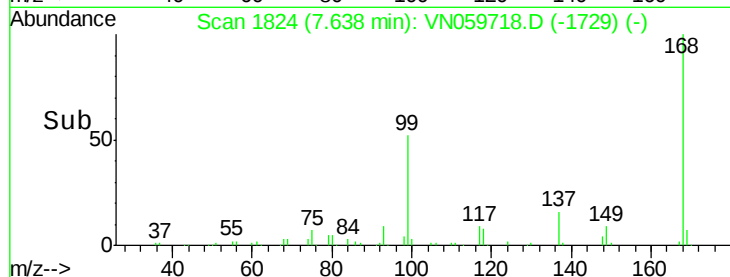
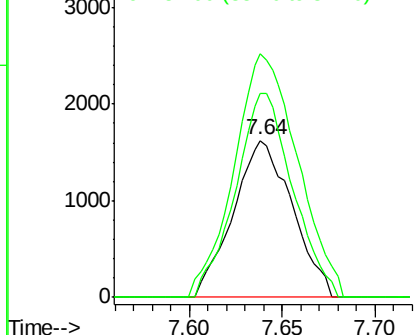
#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

Instrument :
MSVOA_N
ClientSampled :
MH-109

Tgt Ion: 56 Resp: 3608
Ion Ratio Lower Upper
56 100
69 155.1 26.5 39.7#
84 130.2 65.3 97.9#

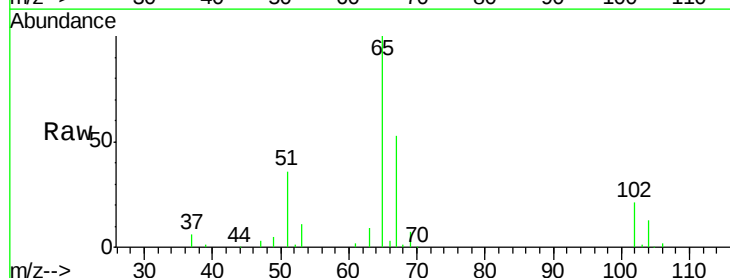


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

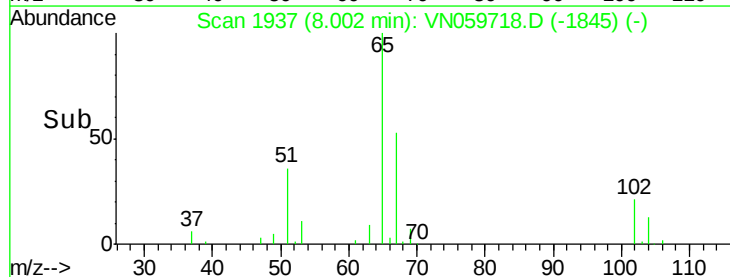
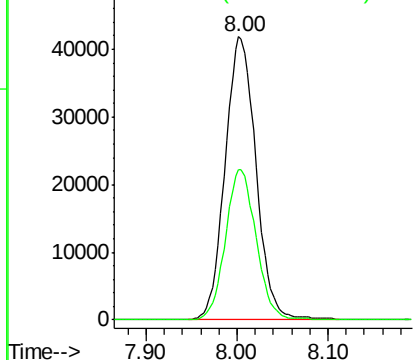


#33
1,2-Dichloroethane-d4
Concen: 46.573 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN059718.D
Acq: 15 Jan 2020 16:16

Tgt Ion: 65 Resp: 98539
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

MH-109

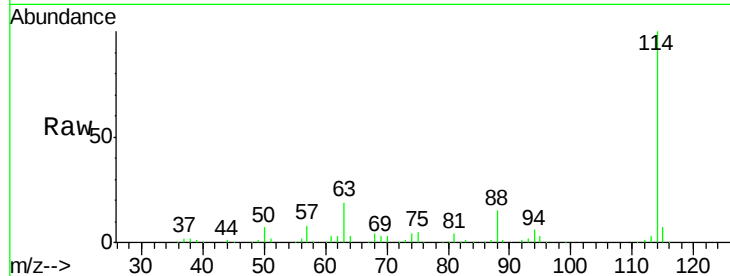
Tgt Ion:114 Resp: 286200

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.6

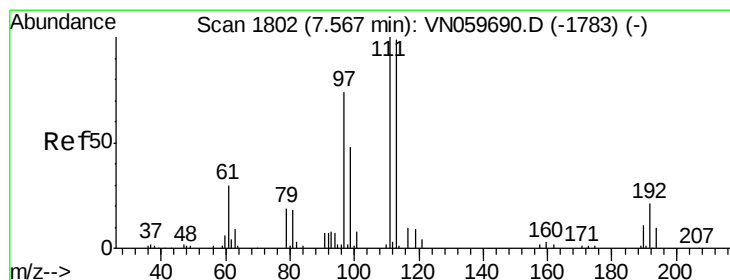
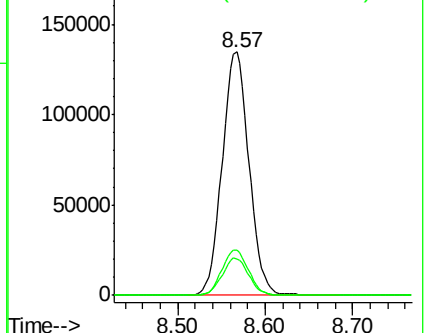
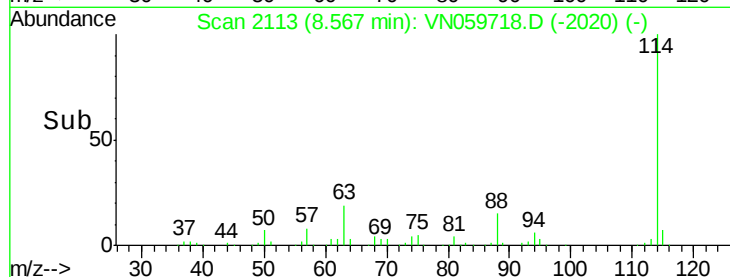
88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.734 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

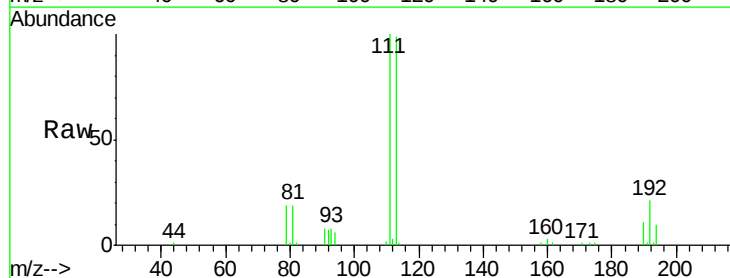
Tgt Ion:113 Resp: 88297

Ion Ratio Lower Upper

113 100

111 101.3 83.5 125.3

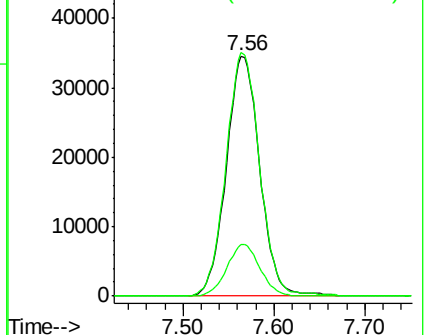
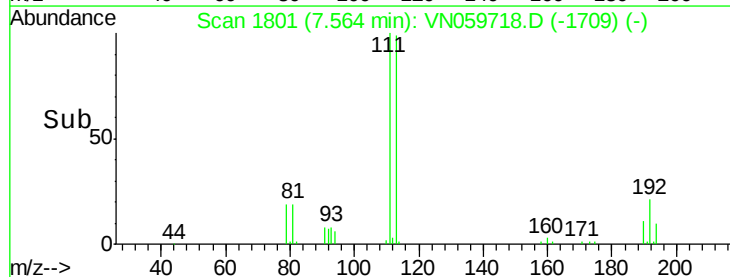
192 21.1 15.4 23.2

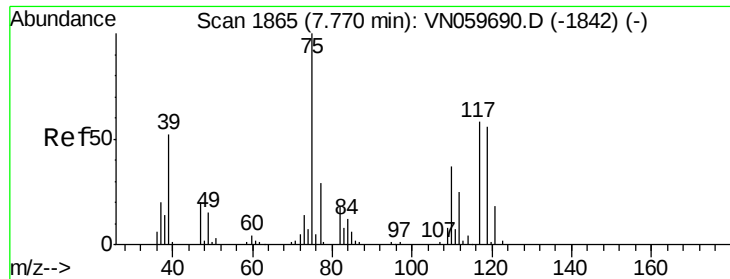


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.285 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.13 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampled :

MH-109

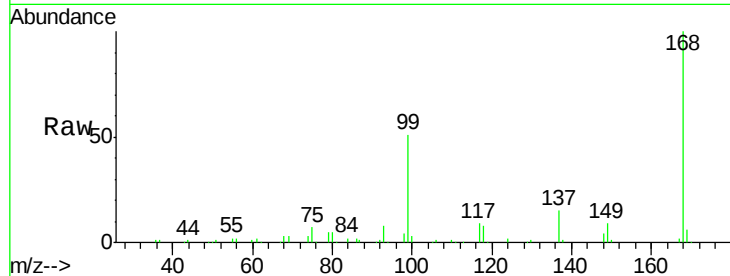
Tgt Ion: 75 Resp: 13172

Ion Ratio Lower Upper

75 100

110 8.8 16.6 49.7#

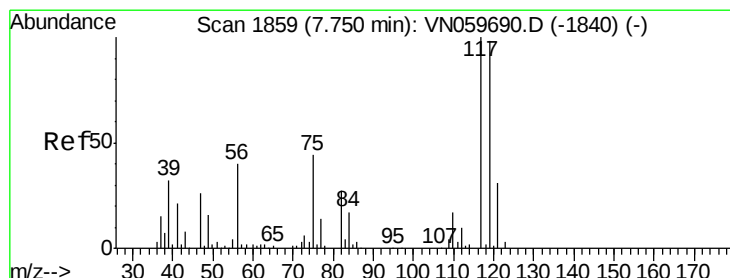
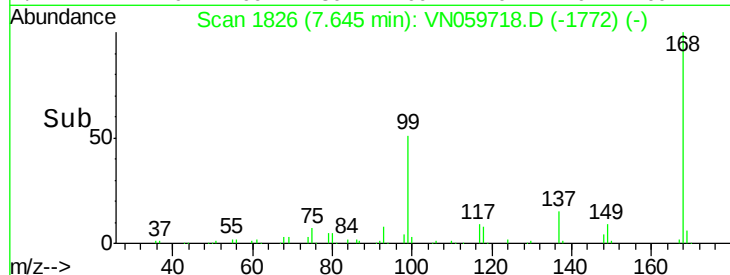
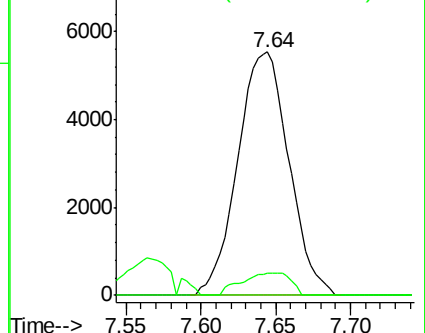
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN059718.D (-1772) (-)

Ion 109.90 (109.60 to 110.60): VN059718.D (-1772) (-)

Ion 76.90 (76.60 to 77.60): VN059718.D (-1772) (-)



#38

Carbon Tetrachloride

Concen: 6.407 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

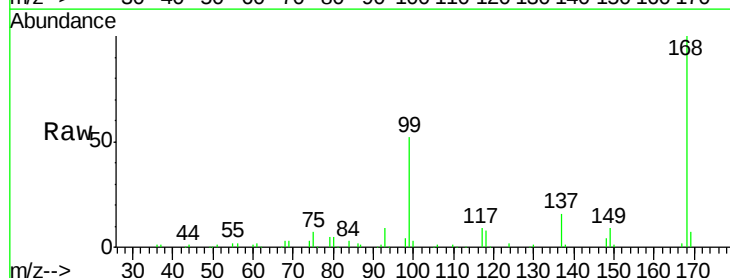
Tgt Ion: 117 Resp: 17370

Ion Ratio Lower Upper

117 100

119 4.7 76.5 114.7#

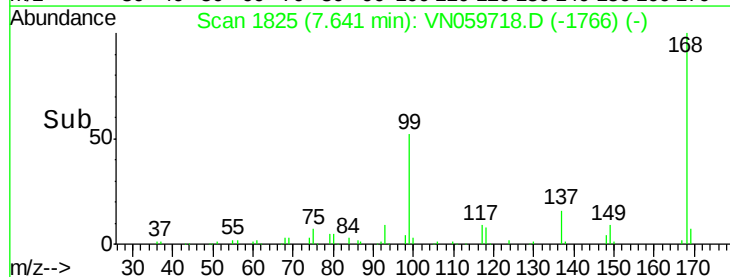
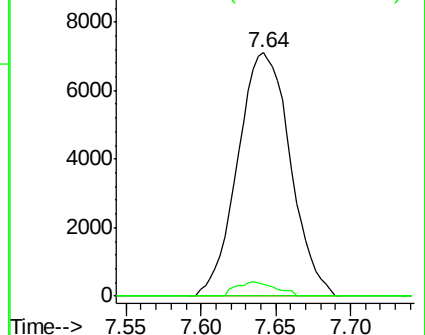
121 0.0 25.1 37.7#

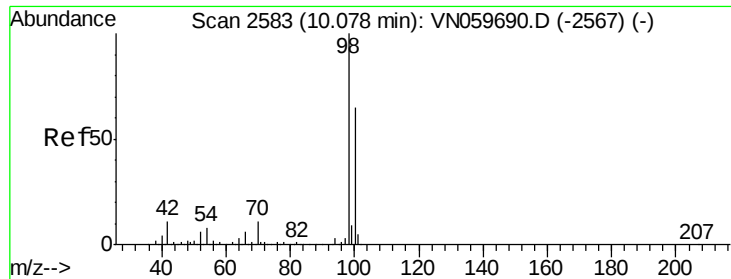


Abundance Ion 116.80 (116.50 to 117.50): VN059718.D (-1766) (-)

Ion 118.80 (118.50 to 119.50): VN059718.D (-1766) (-)

Ion 120.80 (120.50 to 121.50): VN059718.D (-1766) (-)





#50

Toluene-d8

Concen: 48.925 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

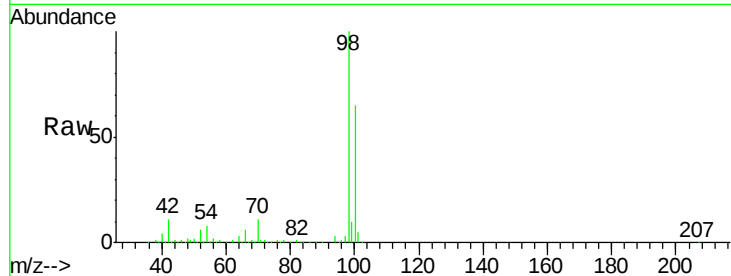
MH-109

Tgt Ion: 98 Resp: 323528

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059718.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059718.D (-2490) (-)

10.08

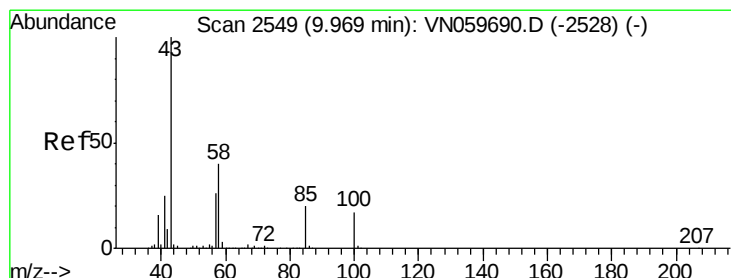
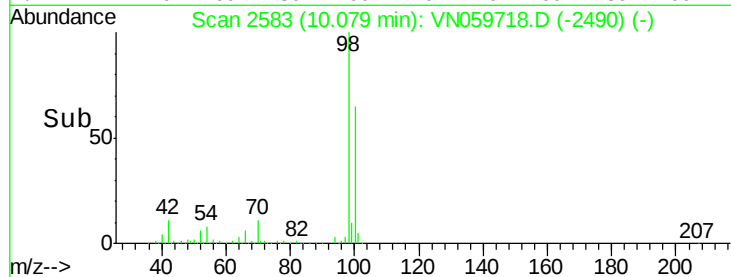
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.684 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.11 min

Lab File: VN059718.D

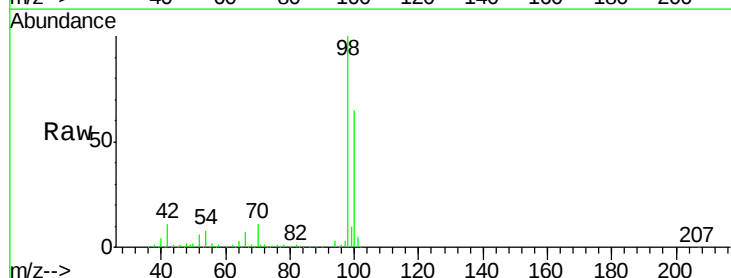
Acq: 15 Jan 2020 16:16

Tgt Ion: 43 Resp: 1589

Ion Ratio Lower Upper

43 100

58 157.3 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059718.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN059718.D (-2456) (-)

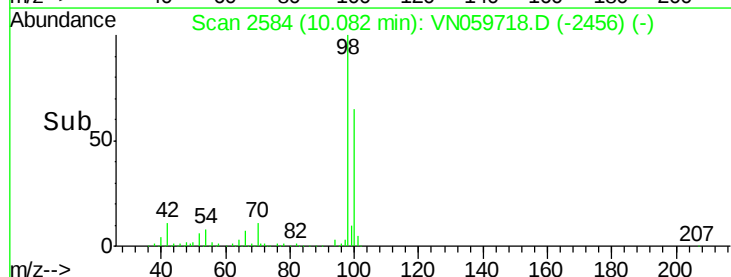
1500

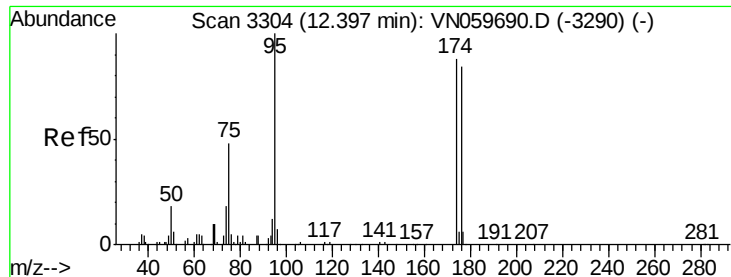
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.269 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

MH-109

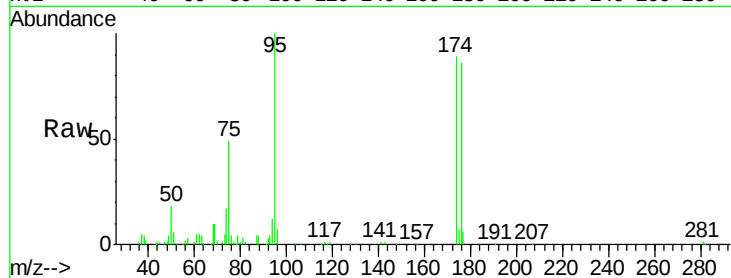
Tgt Ion: 95 Resp: 110300

Ion Ratio Lower Upper

95 100

174 90.1 0.0 151.4

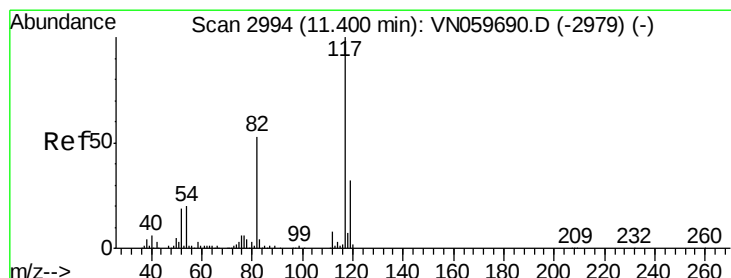
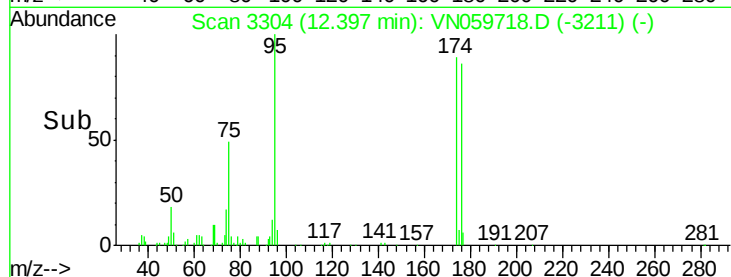
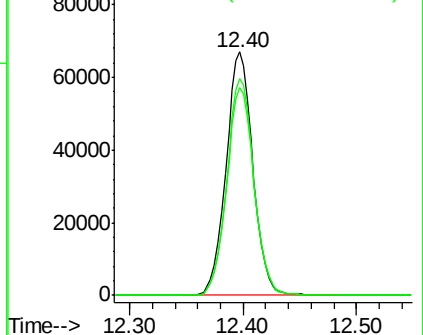
176 87.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

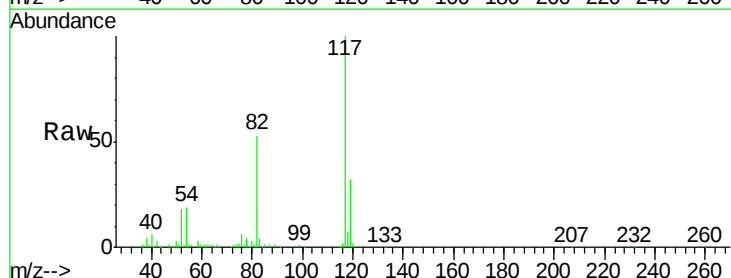
Tgt Ion: 117 Resp: 246816

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

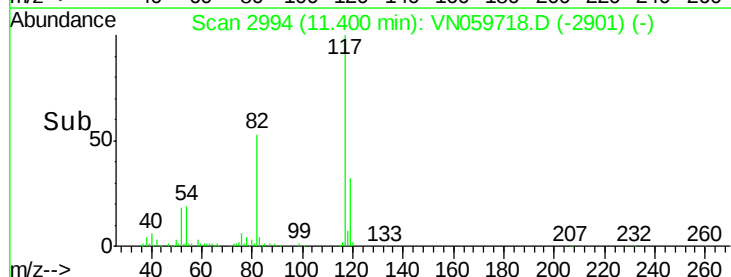
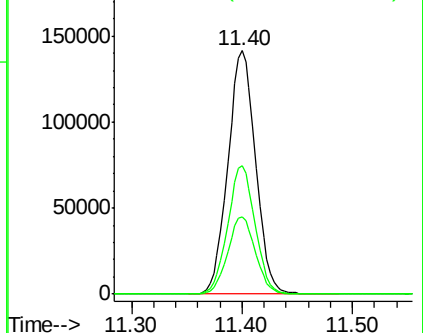
119 31.9 25.5 38.3

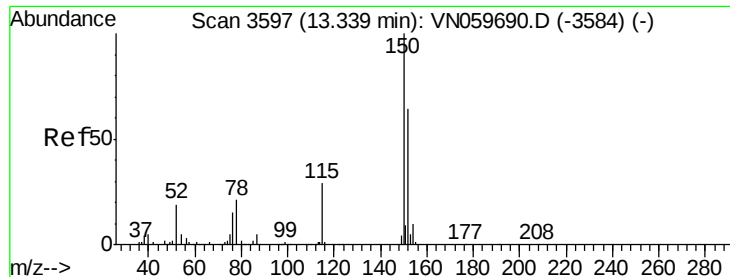


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampled :

MH-109

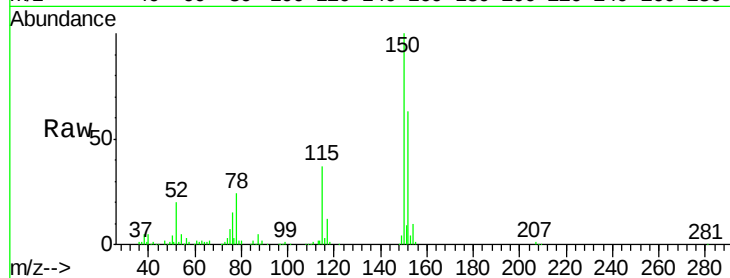
Tgt Ion:152 Resp: 104635

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

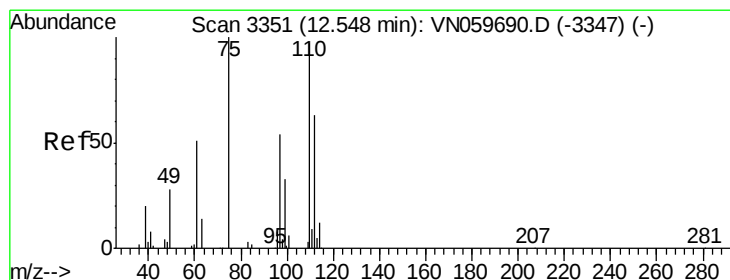
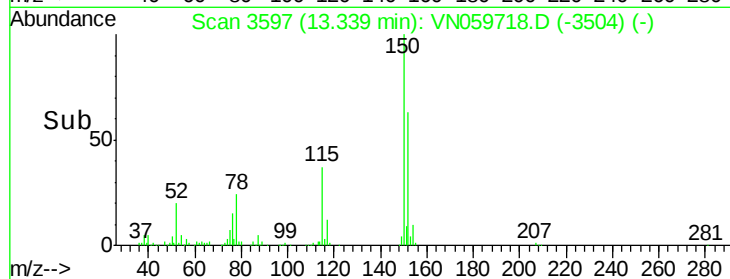
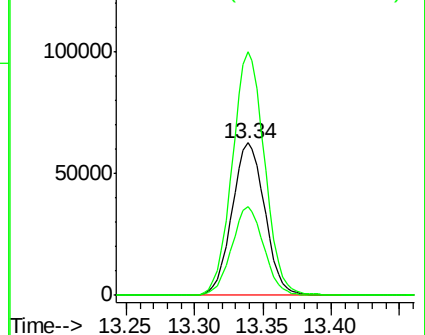
150 157.1 0.0 345.2



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: 31.126 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059718.D

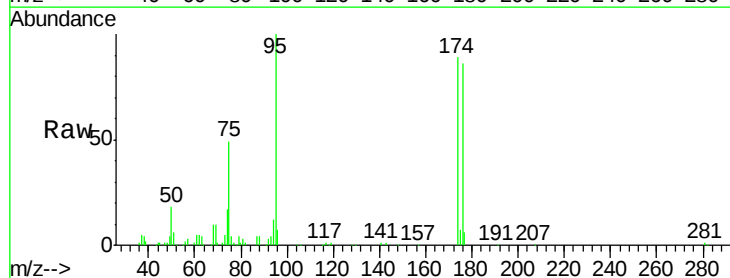
Acq: 15 Jan 2020 16:16

Tgt Ion: 75 Resp: 54809

Ion Ratio Lower Upper

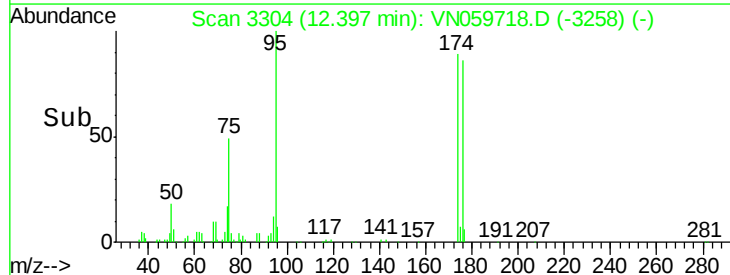
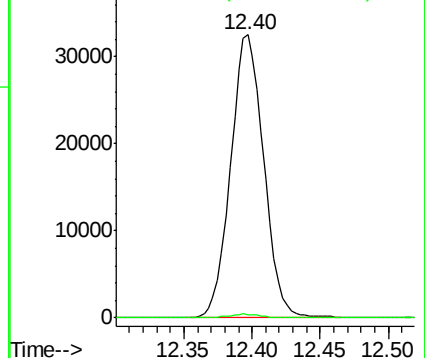
75 100

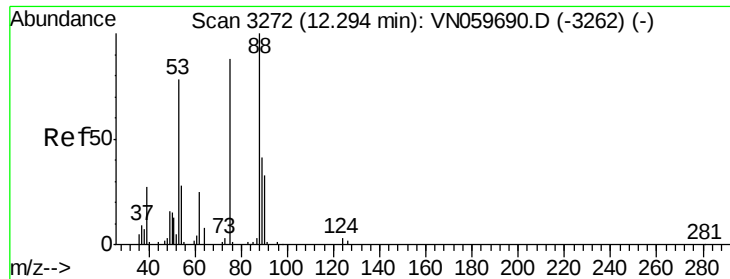
77 1.2 0.0 0.0#



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: 66.842 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

Instrument :

MSVOA_N

ClientSampled :

MH-109

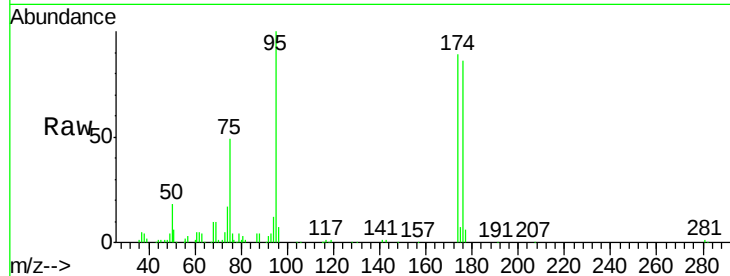
Tgt Ion: 75 Resp: 54809

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

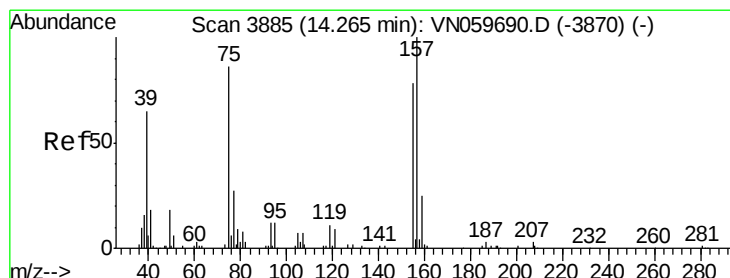
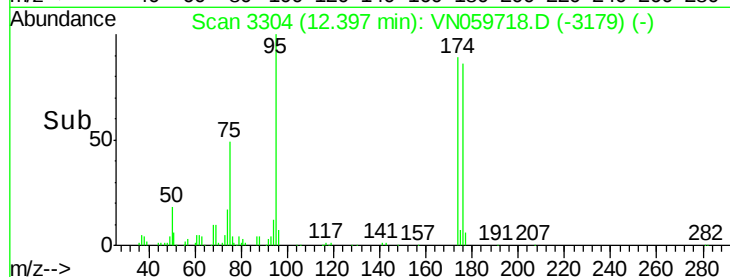
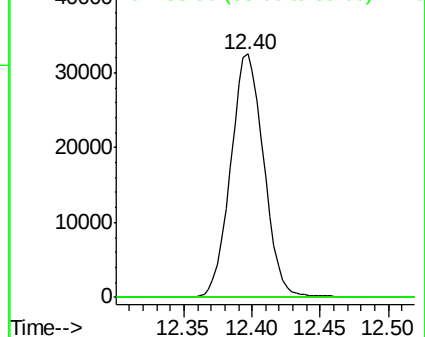
89 0.0 35.4 53.2#



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: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN059718.D

Acq: 15 Jan 2020 16:16

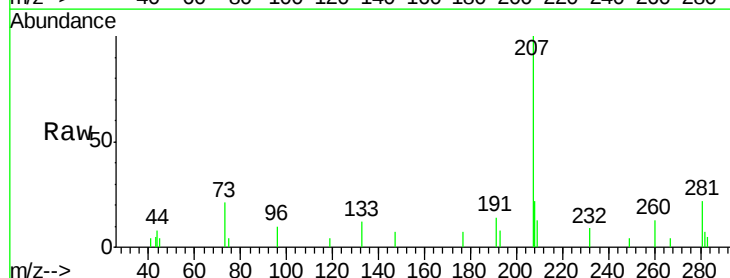
Tgt Ion: 75 Resp: 30

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

