

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055226.D
 Acq On : 24 Apr 2019 14:28
 Operator : JC/SP
 Sample : K2542-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Apr 25 05:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

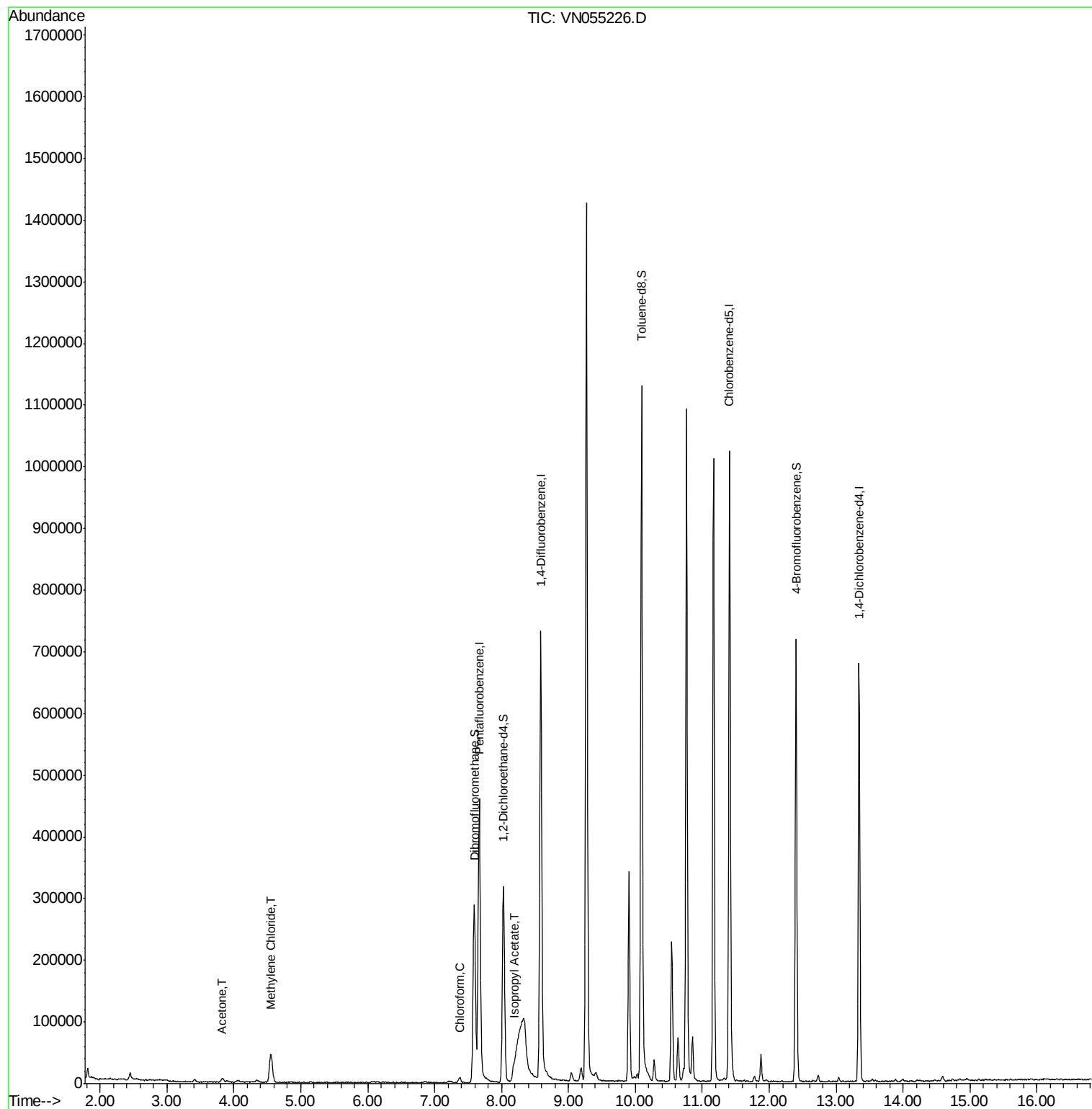
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	394745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	677775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	600284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	273272	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.59	113	219791	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.09	98	812167	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.40	95	252035	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
Target Compounds						
16) Acetone	3.83	43	11717	6.634	ug/l	96
20) Methylene Chloride	4.55	84	32631	6.426	ug/l	92
30) Chloroform	7.38	83	7865	0.961	ug/l	92
43) Isopropyl Acetate	8.18	43	22386	2.723	ug/l #	58

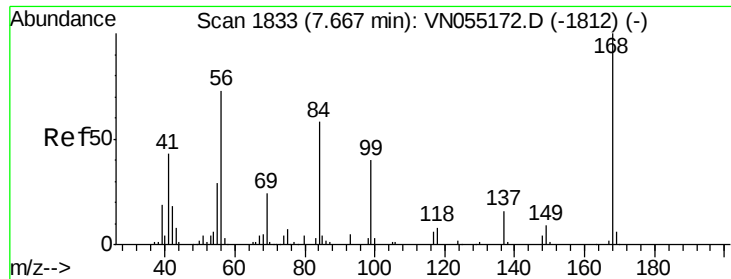
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

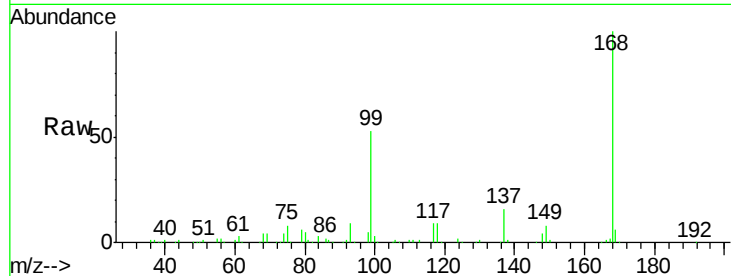
Instrument :
MSVOA_N
ClientSampled :
TP-6

Tot Ion:168 Resp: 394745

Ion Ratio Lower Upper

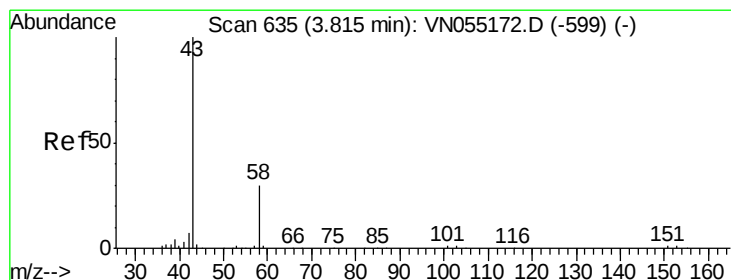
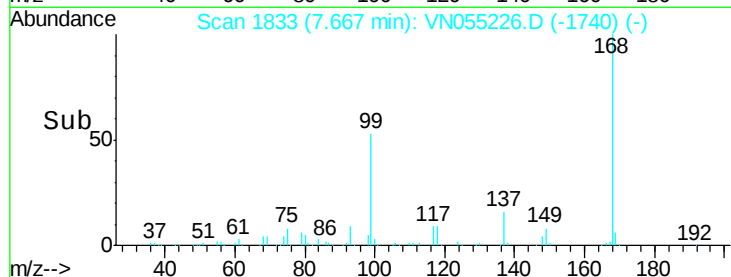
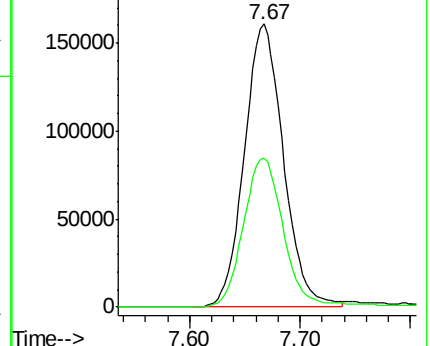
168 100

99 52.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.634 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055226.D

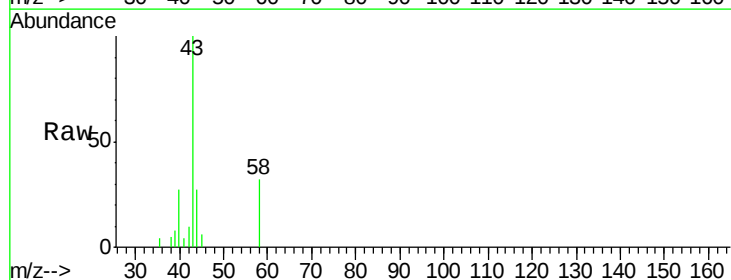
Acq: 24 Apr 2019 14:28

Tgt Ion: 43 Resp: 11717

Ion Ratio Lower Upper

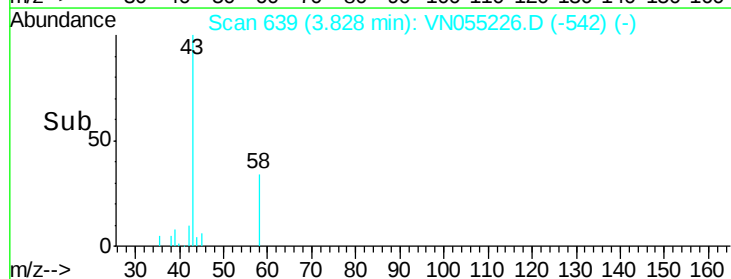
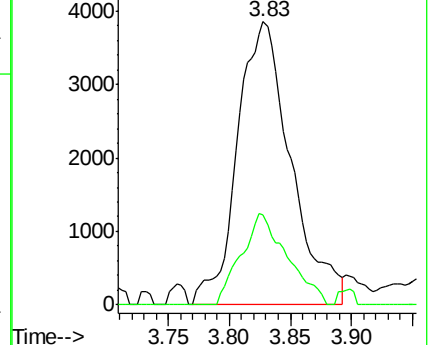
43 100

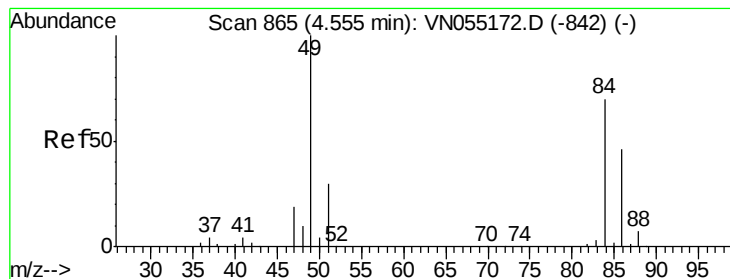
58 31.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 6.426 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

Instrument :

MSVOA_N

ClientSampled :

TP-6

Tot Ion: 84 Resp: 32631

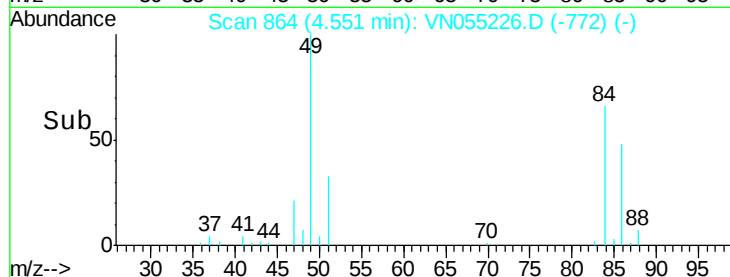
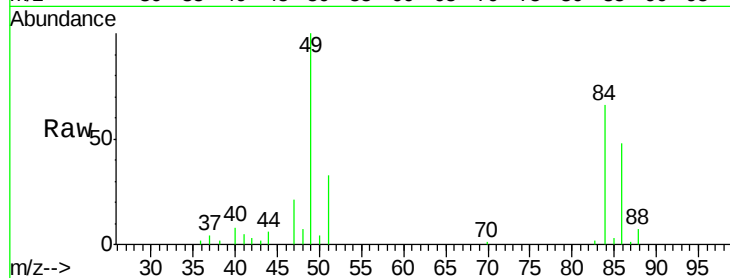
Ion Ratio Lower Upper

84 100

49 150.7 113.8 170.6

51 49.3 34.0 51.0

86 73.0 52.3 78.5

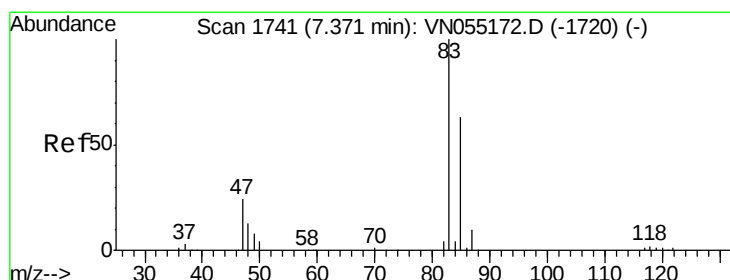
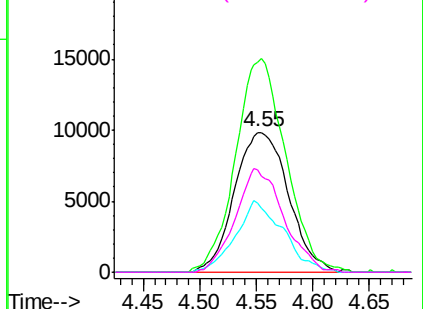


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#30

Chloroform

Concen: 0.961 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN055226.D

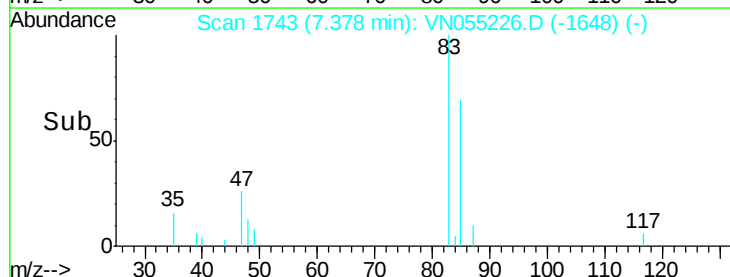
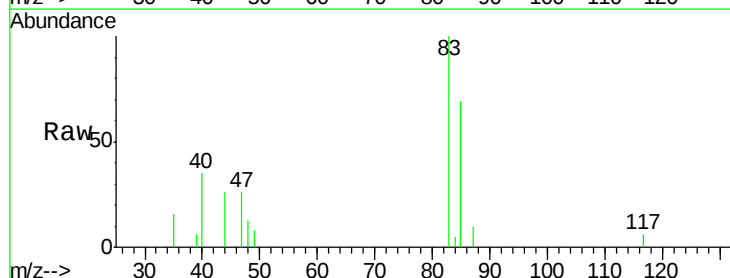
Acq: 24 Apr 2019 14:28

Tgt Ion: 83 Resp: 7865

Ion Ratio Lower Upper

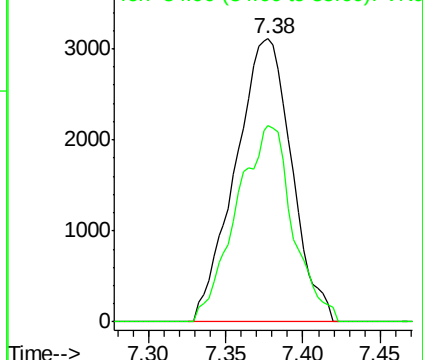
83 100

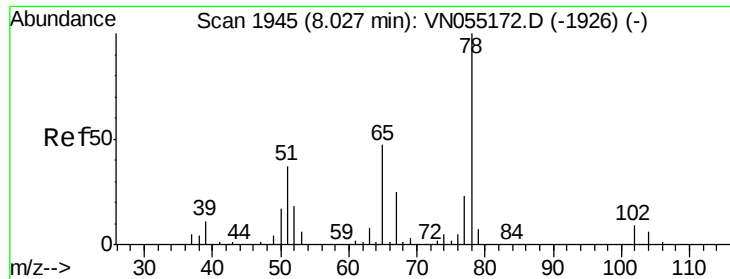
85 69.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

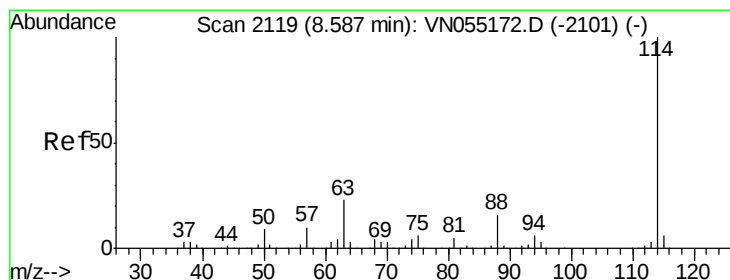
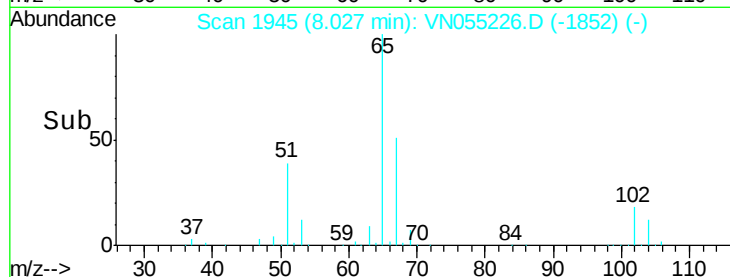
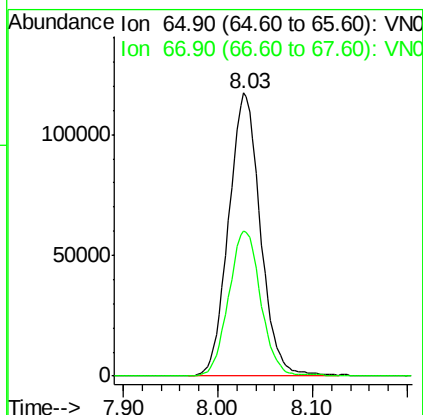
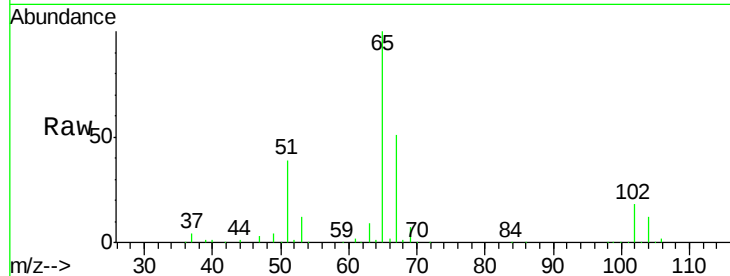




#33
 1,2-Dichloroethane-d4
 Concen: 51.146 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055226.D
 Acq: 24 Apr 2019 14:28

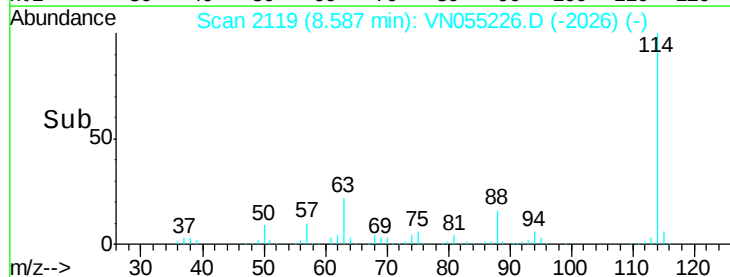
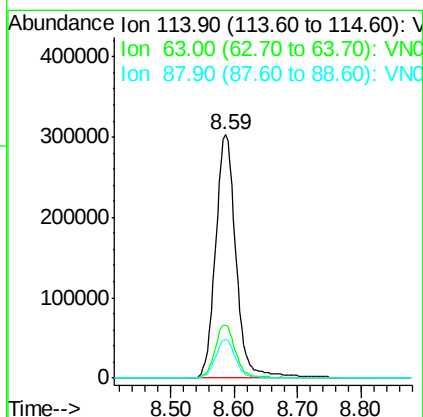
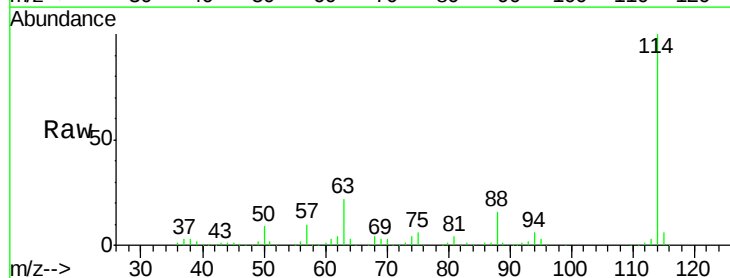
Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

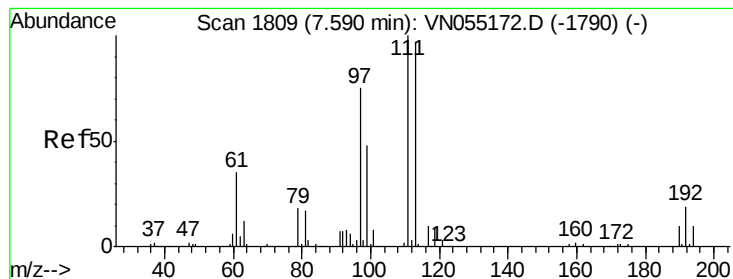
Tot Ion: 65 Resp: 273272
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055226.D
 Acq: 24 Apr 2019 14:28

Tgt Ion: 114 Resp: 677775
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.2
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.734 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

TP-6

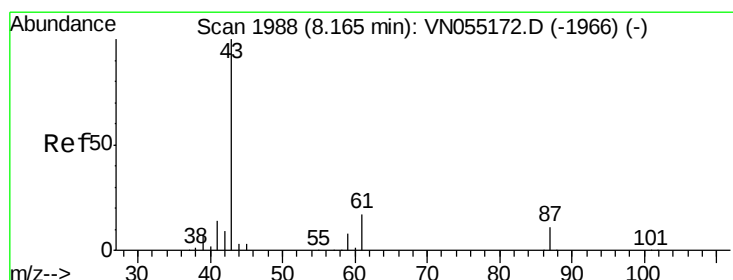
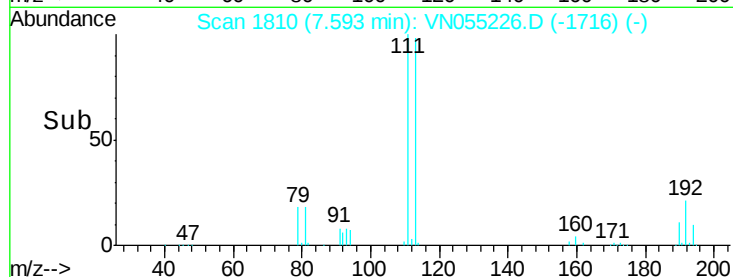
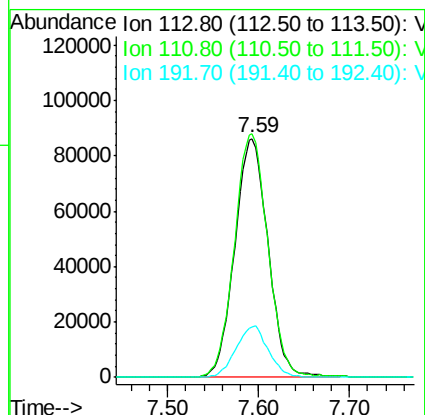
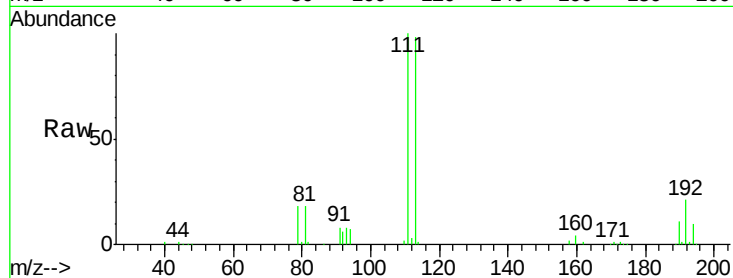
Tot Ion:113 Resp: 219791

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.4

192 21.0 16.2 24.4



#43

Isopropyl Acetate

Concen: 2.723 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

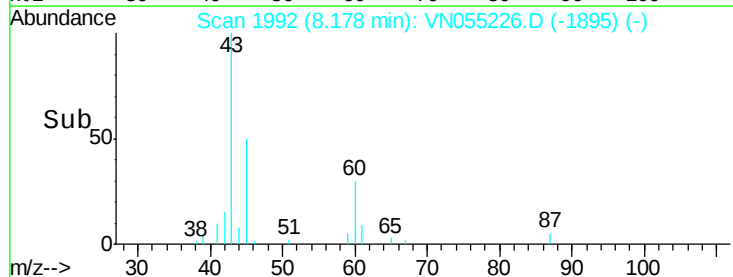
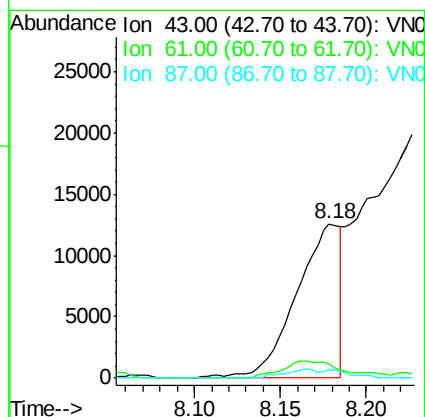
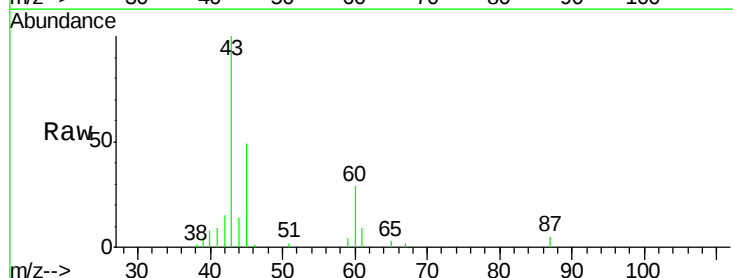
Tgt Ion: 43 Resp: 22386

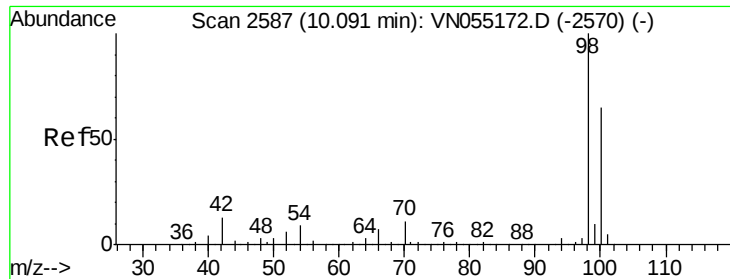
Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 2.9 8.8 13.2#





#50

Toluene-d8

Concen: 47.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

Instrument :

MSVOA_N

ClientSampled :

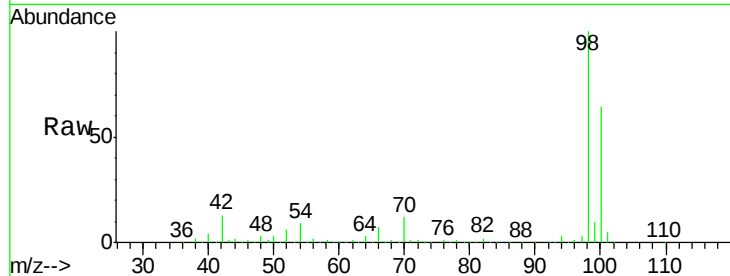
TP-6

Tot Ion: 98 Resp: 812167

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

10.09

400000

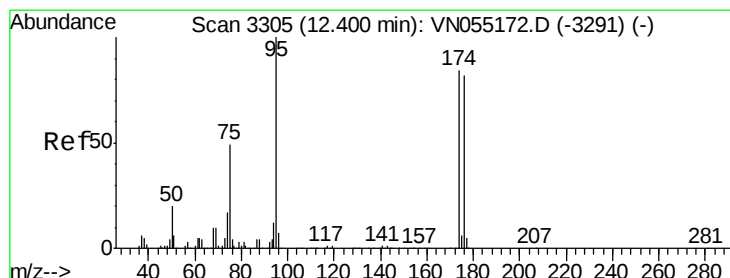
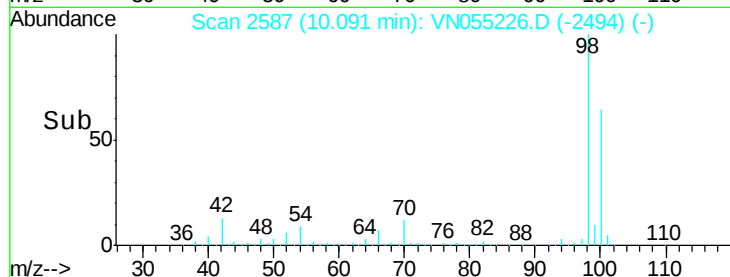
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.652 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

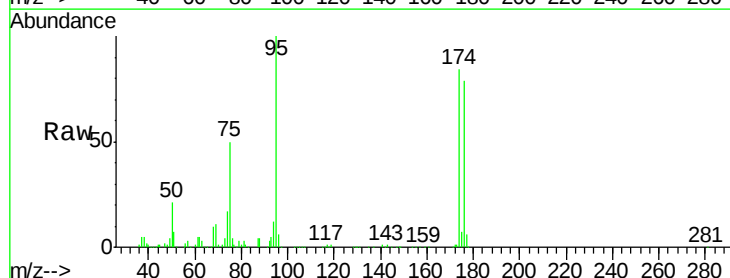
Tgt Ion: 95 Resp: 252035

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.4

176 80.1 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)

12.40

200000

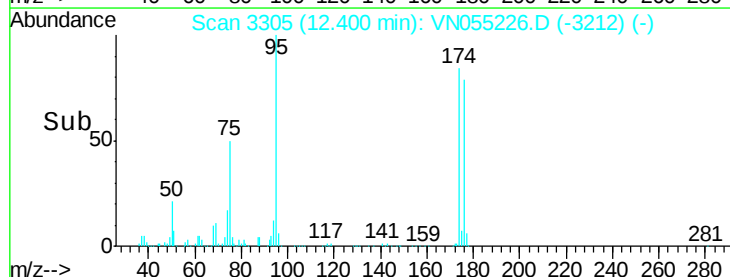
150000

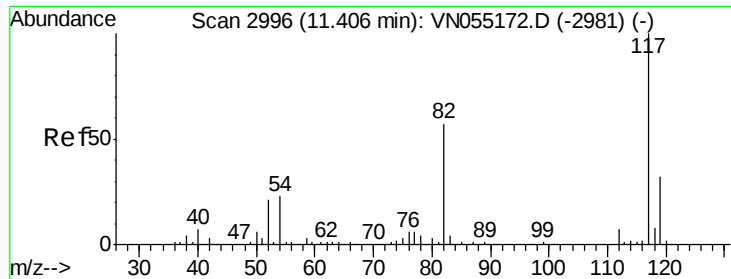
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

Instrument :

MSVOA_N

ClientSampled :

TP-6

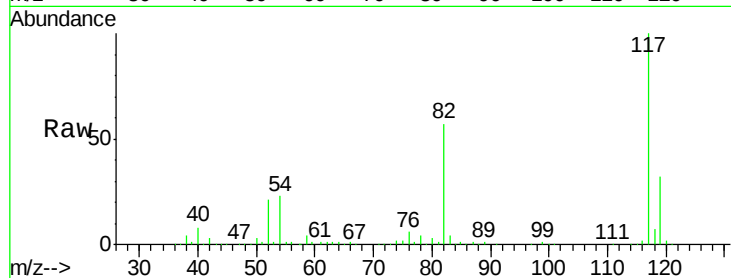
Tot Ion:117 Resp: 600284

Ion Ratio Lower Upper

117 100

82 56.6 45.7 68.5

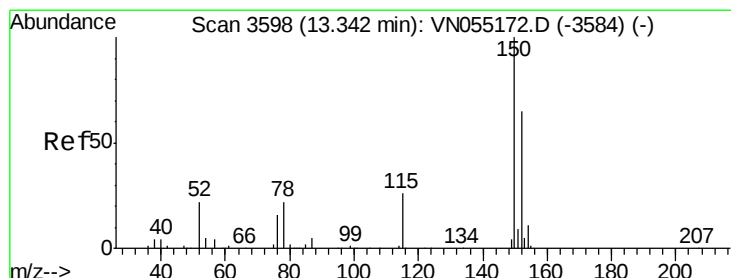
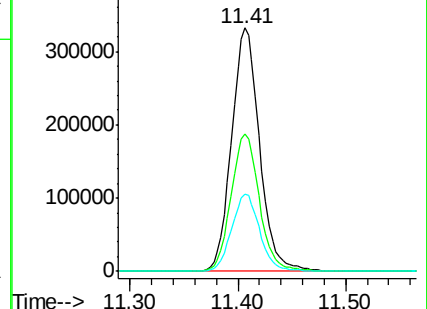
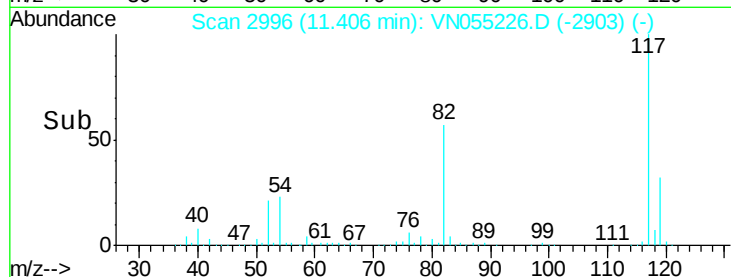
119 31.8 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055226.D

Acq: 24 Apr 2019 14:28

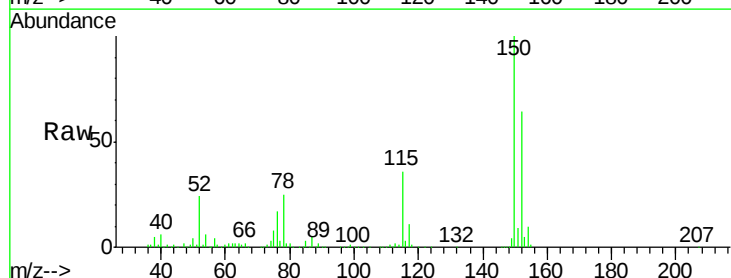
Tgt Ion:152 Resp: 180035

Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.7

150 156.9 0.0 346.6



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

