

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053990.D
 Acq On : 28 Feb 2019 1:05
 Operator : JC/SP
 Sample : K1650-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-6

Quant Time: Feb 28 08:06:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

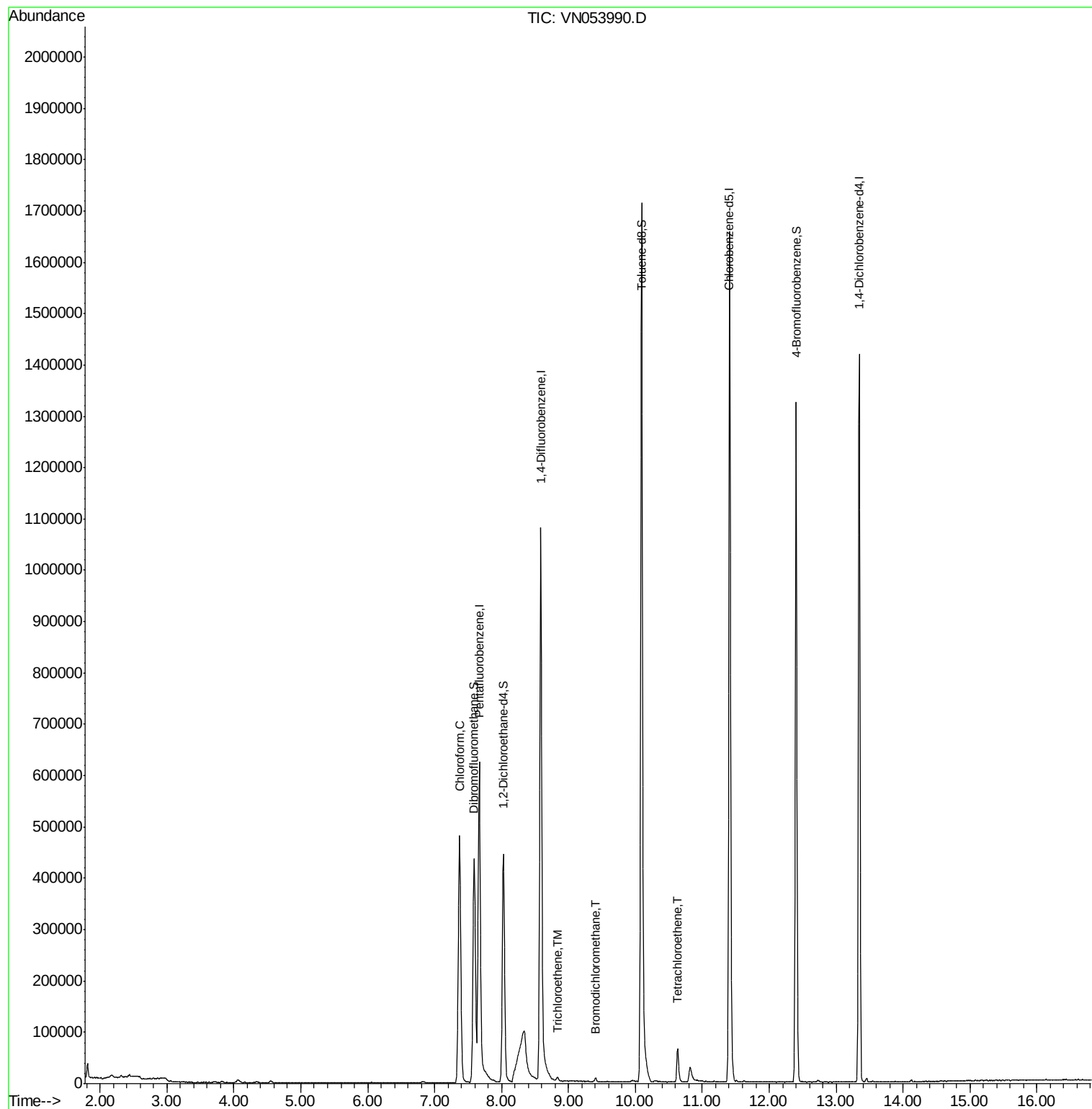
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1069300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1036682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	383588	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.59	113	342297	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	10.09	98	1336264	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.40	95	461358	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
Target Compounds						
30) Chloroform	7.37	83	519992	44.529	ug/l	Qvalue 100
44) Trichloroethene	8.83	130	2870	0.354	ug/l	92
47) Bromodichloromethane	9.41	83	5318	0.527	ug/l	94
64) Tetrachloroethene	10.63	164	18229	2.077	ug/l	94

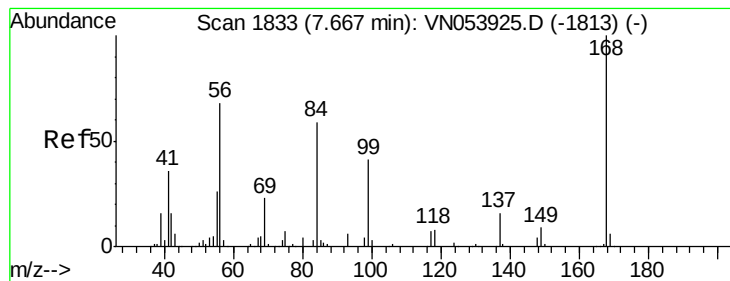
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022719\
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Instrument :
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Quant Time: Feb 28 08:06:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 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: VN053990.D

Acq: 28 Feb 2019 1:05

Instrument :

MSVOA_N

ClientSampled :

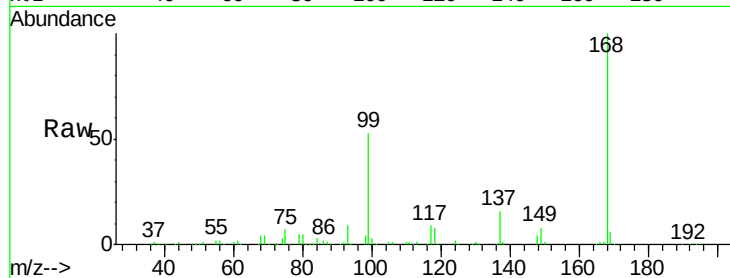
TWP-6

Tot Ion:168 Resp: 587948

Ion Ratio Lower Upper

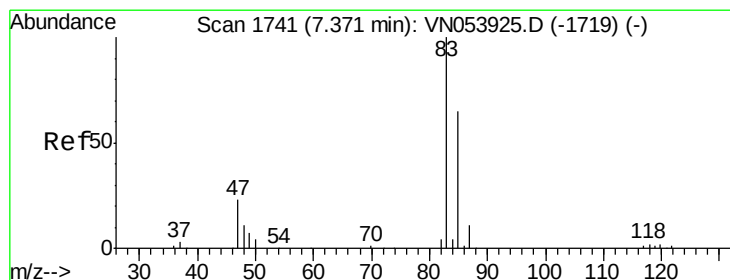
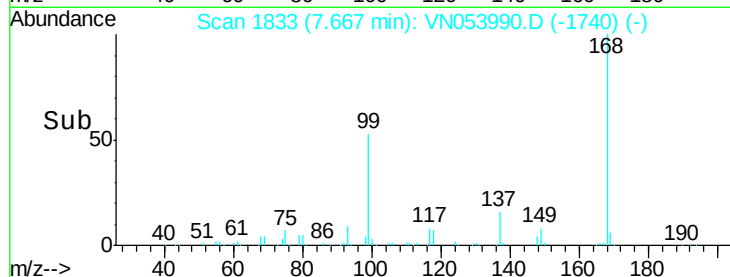
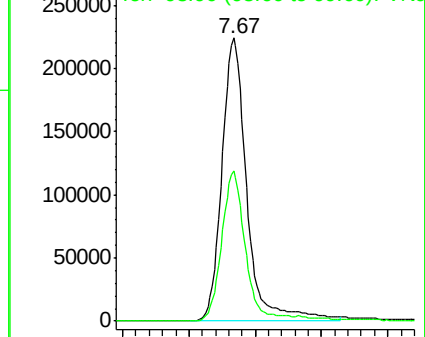
168 100

99 53.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#30

Chloroform

Concen: 44.529 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053990.D

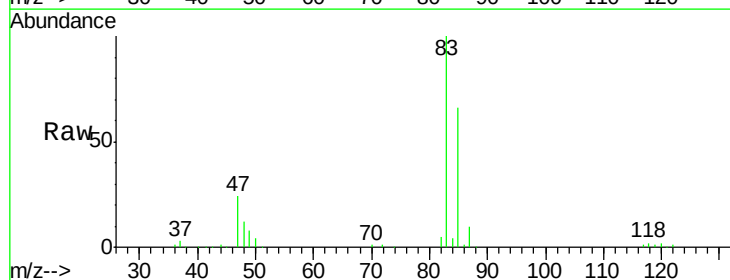
Acq: 28 Feb 2019 1:05

Tgt Ion: 83 Resp: 519992

Ion Ratio Lower Upper

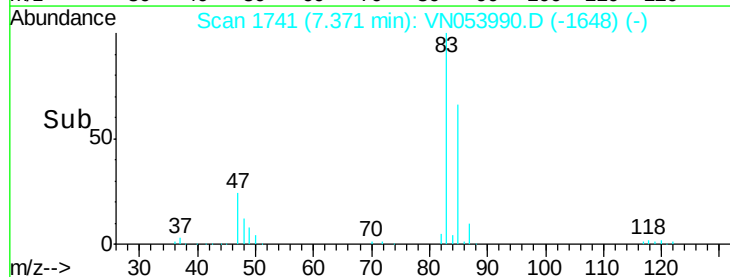
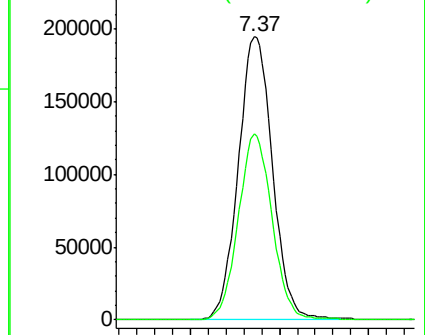
83 100

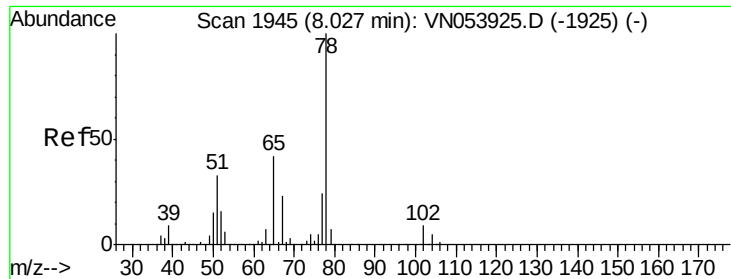
85 65.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

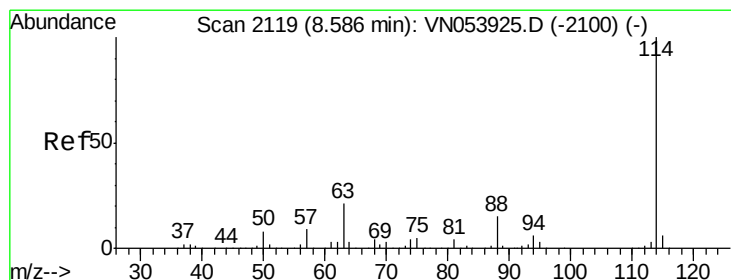
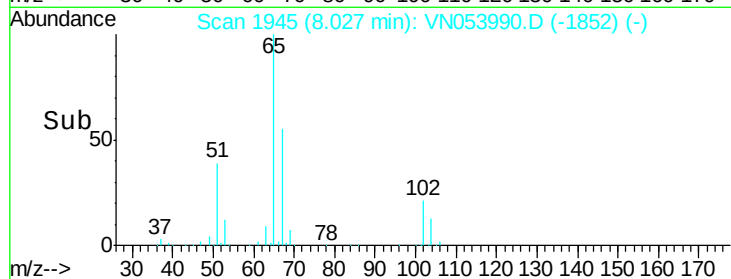
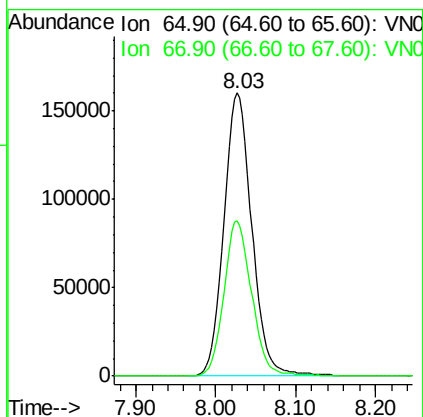
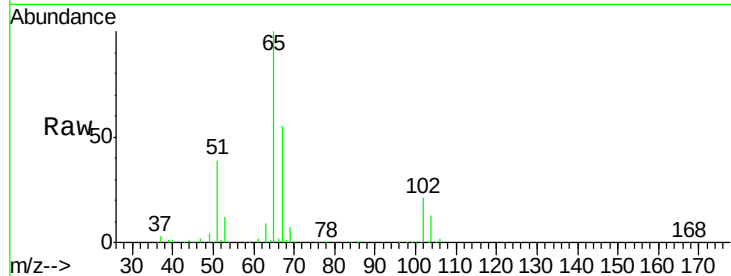




#33
 1,2-Dichloroethane-d4
 Concen: 55.656 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053990.D
 Acq: 28 Feb 2019 1:05

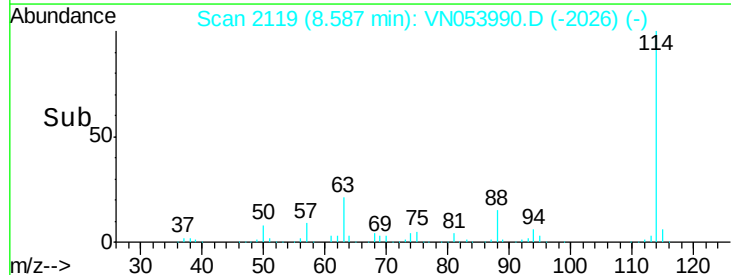
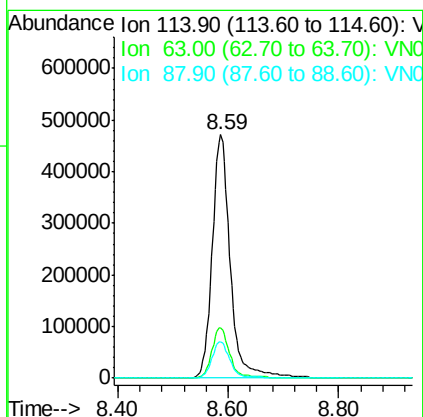
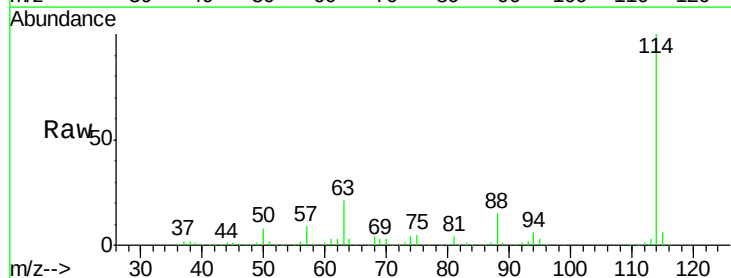
Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-6

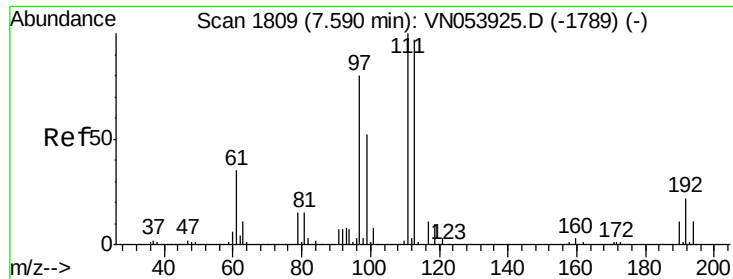
Tot Ion: 65 Resp: 383588
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053990.D
 Acq: 28 Feb 2019 1:05

Tgt Ion: 114 Resp: 1069300
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 15.1 0.0 30.4

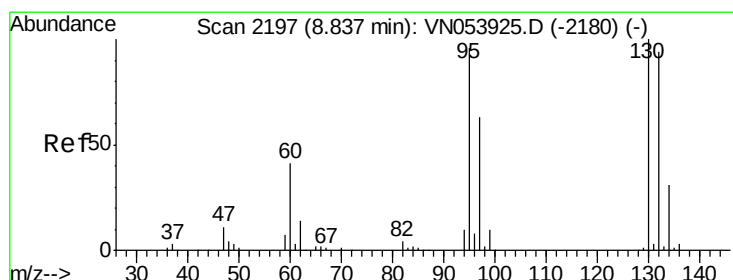
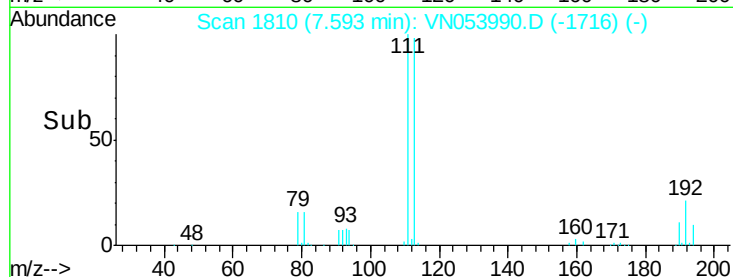
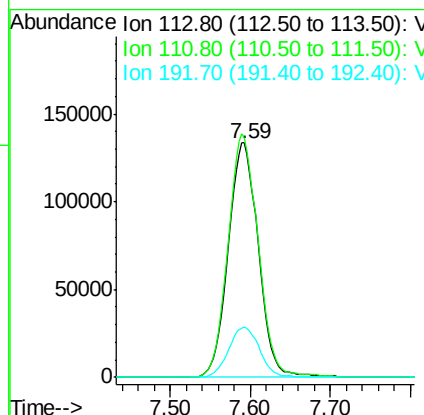
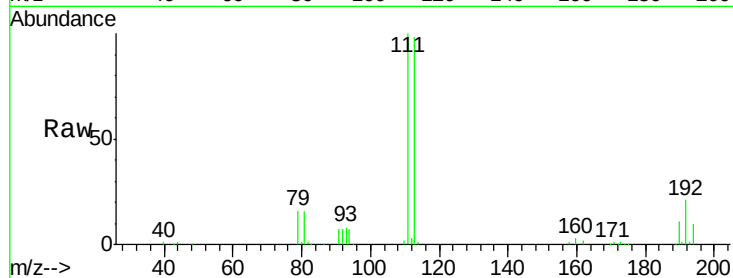




#35
 Dibromofluoromethane
 Concen: 49.503 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053990.D
 Acq: 28 Feb 2019 1:05

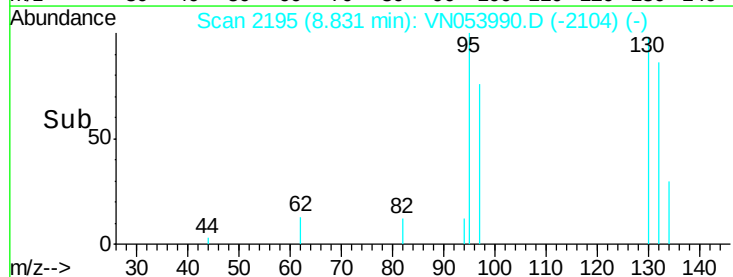
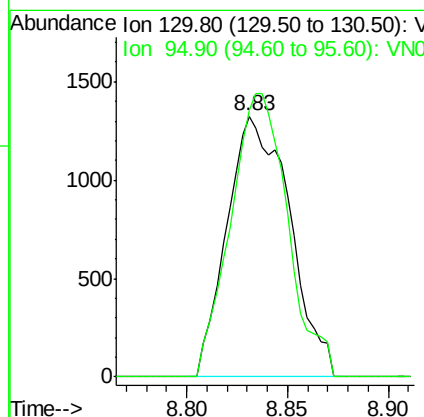
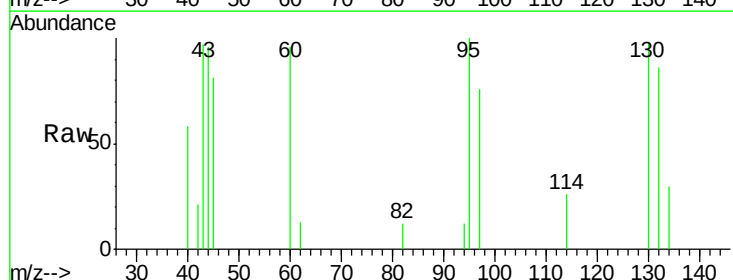
Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-6

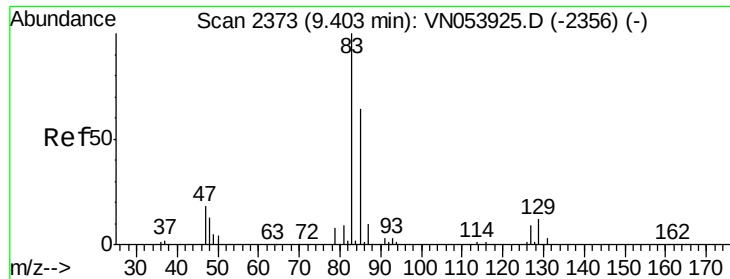
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.1	121.7
192	21.8	18.8	28.2



#44
 Trichloroethene
 Concen: 0.354 ug/l
 RT: 8.83 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VN053990.D
 Acq: 28 Feb 2019 1:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	190.0





#47

Bromodichloromethane

Concen: 0.527 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN053990.D

Acq: 28 Feb 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

TWP-6

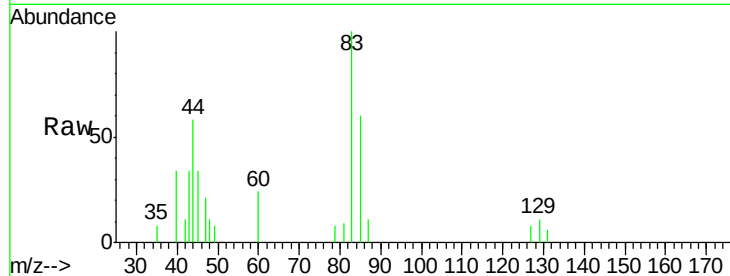
Tot Ion: 83 Resp: 5318

Ion Ratio Lower Upper

83 100

85 60.1 51.8 77.6

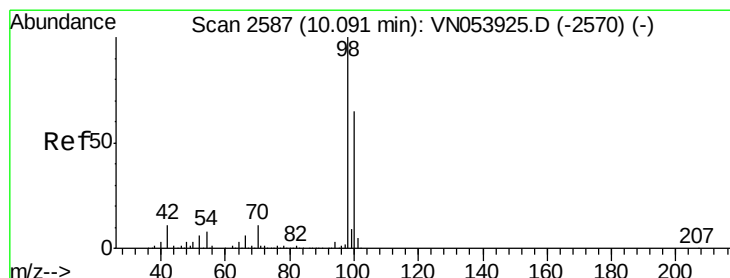
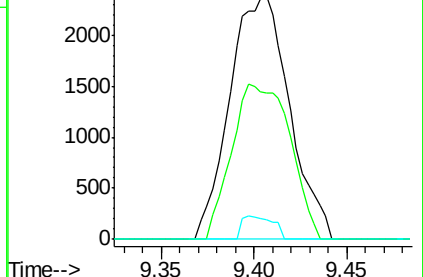
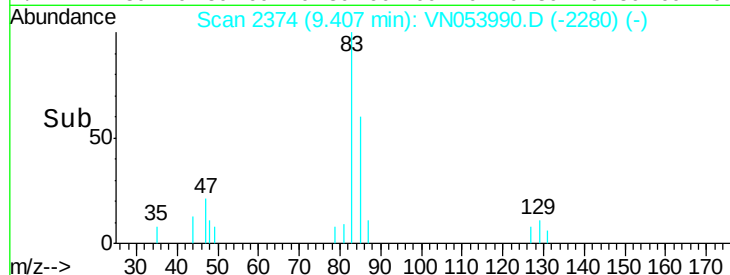
127 7.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053990.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053990.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053990.D (-2280) (-)



#50

Toluene-d8

Concen: 51.913 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053990.D

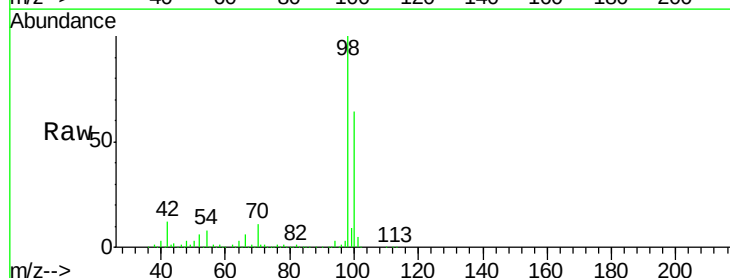
Acq: 28 Feb 2019 1:05

Tgt Ion: 98 Resp: 1336264

Ion Ratio Lower Upper

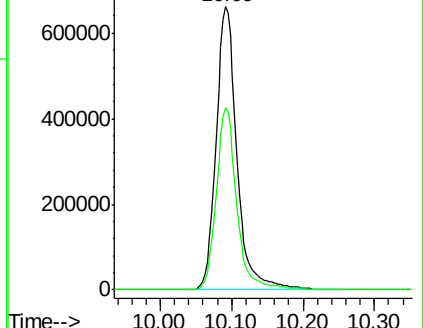
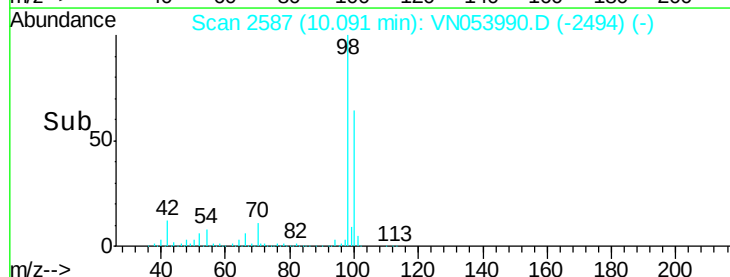
98 100

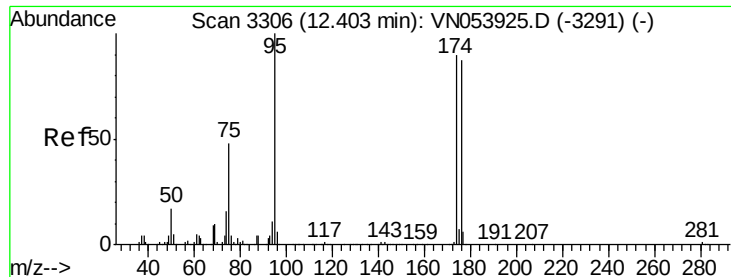
100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053990.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053990.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 53.797 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053990.D

Acq: 28 Feb 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

TWP-6

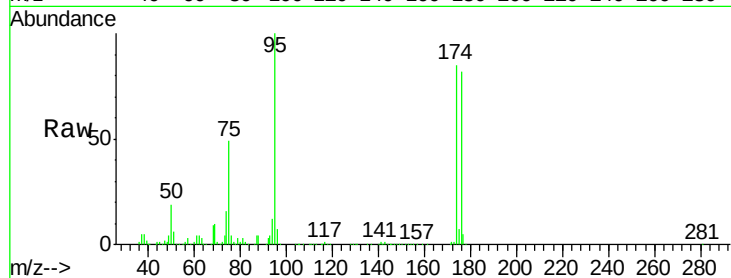
Tot Ion: 95 Resp: 461358

Ion Ratio Lower Upper

95 100

174 86.6 0.0 188.8

176 84.2 0.0 182.6

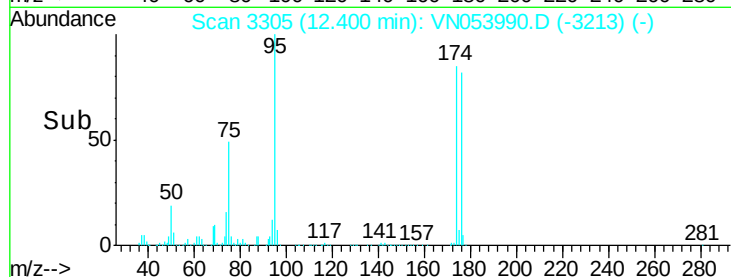


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

Time--> 12.30 12.40 12.50

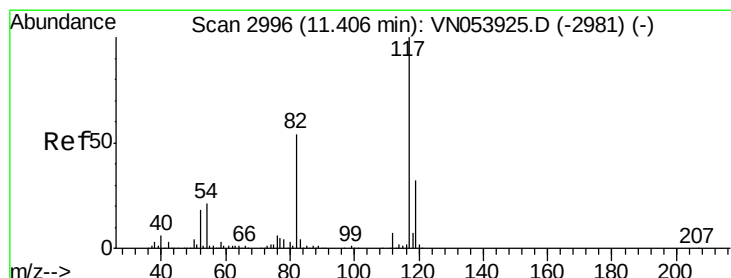


Abundance Ion 94.90 (94.60 to 95.60): VN053990.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053990.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053990.D (-3213) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053990.D

Acq: 28 Feb 2019 1:05

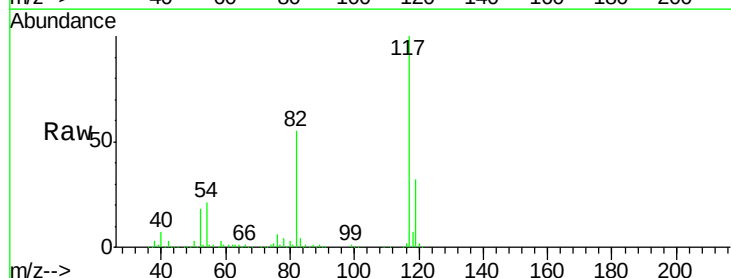
Tgt Ion: 117 Resp: 1036682

Ion Ratio Lower Upper

117 100

82 54.8 41.4 62.2

119 32.0 25.3 37.9

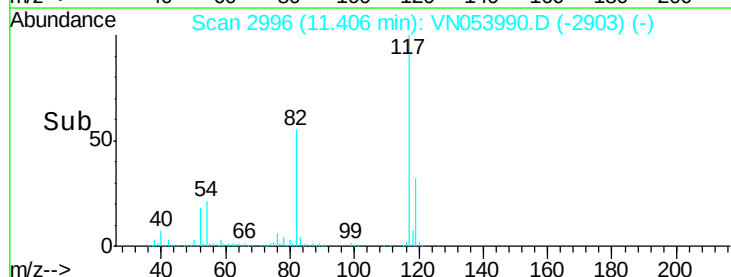


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

Time--> 11.30 11.40 11.50

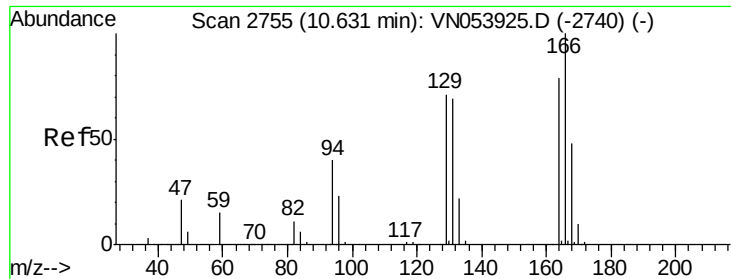


Abundance Ion 116.90 (116.60 to 117.60): VN053990.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053990.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053990.D (-2903) (-)

Time--> 11.30 11.40 11.50



#64

Tetrachloroethene

Concen: 2.077 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN053990.D

Acq: 28 Feb 2019 1:05

Instrument :

MSVOA_N

ClientSampleId :

TWP-6

Tot Ion:164 Resp: 18229

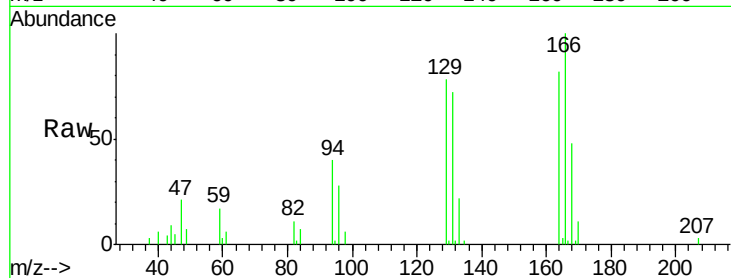
Ion Ratio Lower Upper

164 100

166 122.3 102.6 153.8

129 95.6 69.4 104.0

131 87.8 68.1 102.1

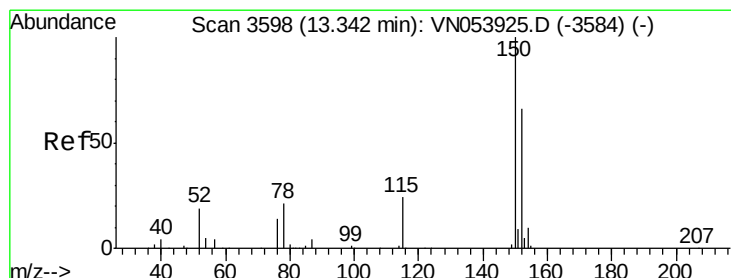
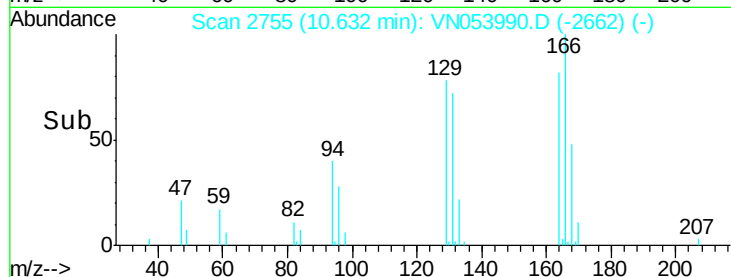
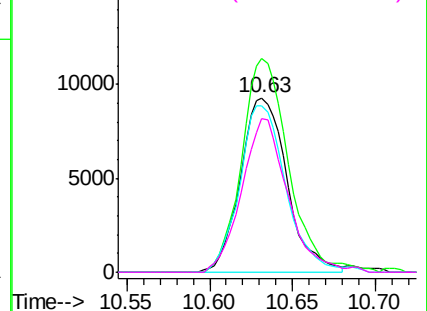


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053990.D

Acq: 28 Feb 2019 1:05

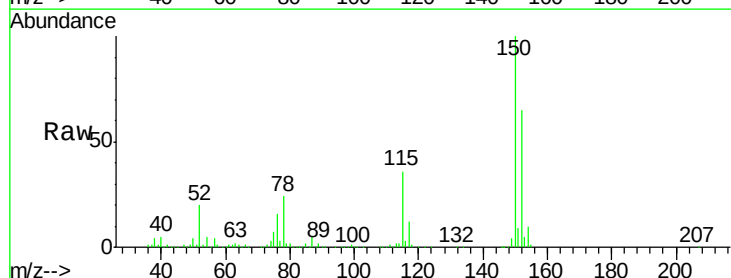
Tgt Ion:152 Resp: 398394

Ion Ratio Lower Upper

152 100

115 56.5 27.2 81.6

150 156.0 0.0 348.2



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

