

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052780.D
 Acq On : 11 Dec 2018 4:31
 Operator : MD\SY
 Sample : J6306-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 06:40:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

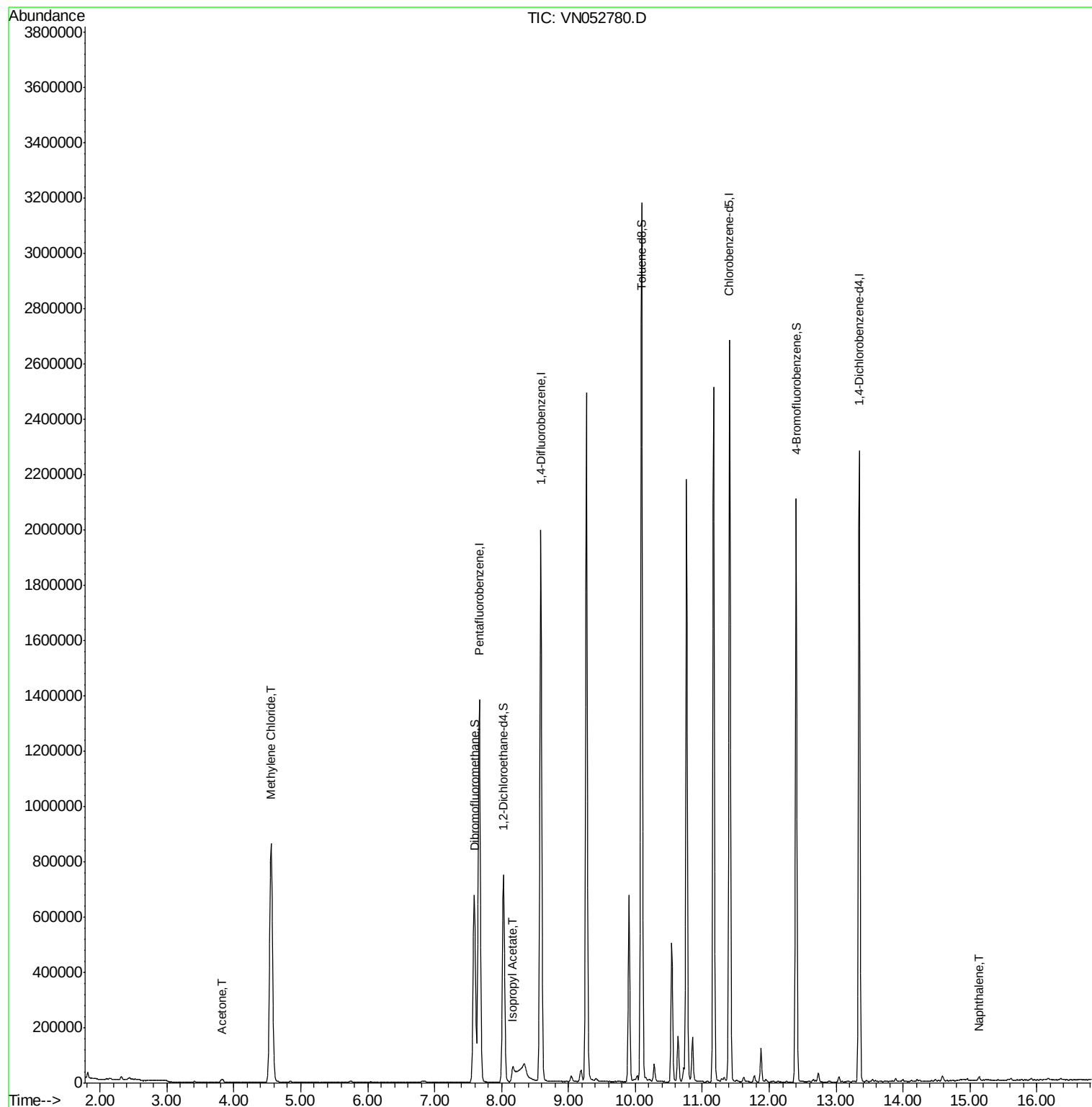
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1194300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1852664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1625394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	637105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	631471	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	7.59	113	530359	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	2253431	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	715474	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
Target Compounds						
16) Acetone	3.82	43	22851	6.662	ug/l	94
20) Methylene Chloride	4.55	84	666279	49.641	ug/l	98
43) Isopropyl Acetate	8.17	43	73281	4.056	ug/l #	74
95) Naphthalene	15.13	128	14305	3.984	ug/l	98

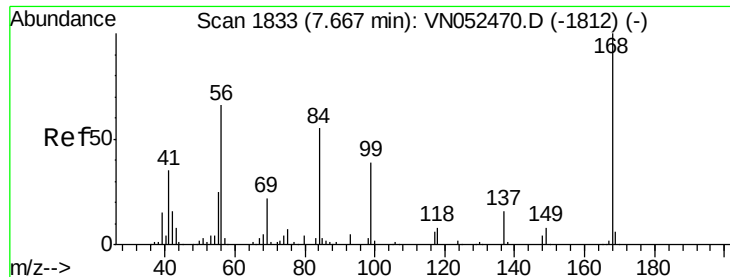
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
Data File : VN052780.D
Acq On : 11 Dec 2018 4:31
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Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Dec 11 06:40:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
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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: VN052780.D

Acq: 11 Dec 2018 4:31

Instrument :

MSVOA_N

ClientSampled :

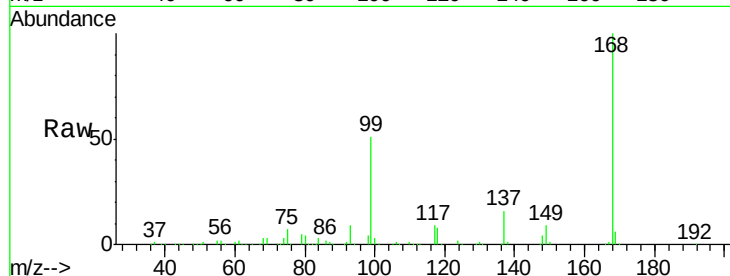
VB-16204

Tot Ion:168 Resp: 1194300

Ion Ratio Lower Upper

168 100

99 51.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

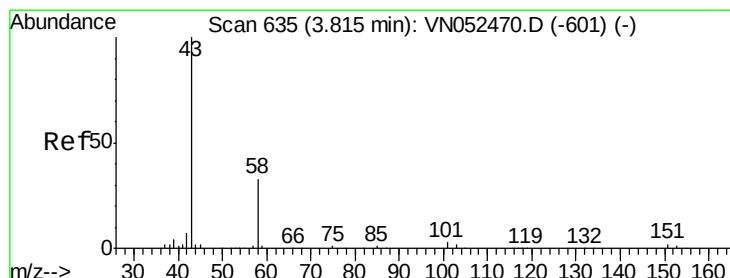
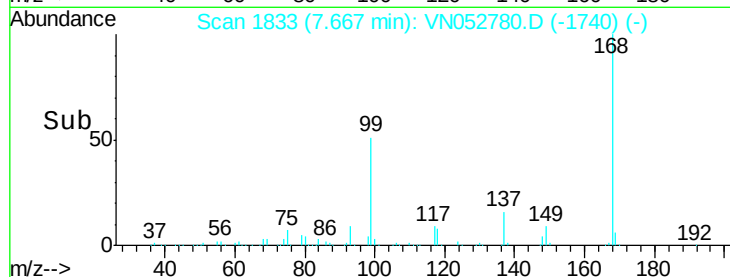
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.662 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052780.D

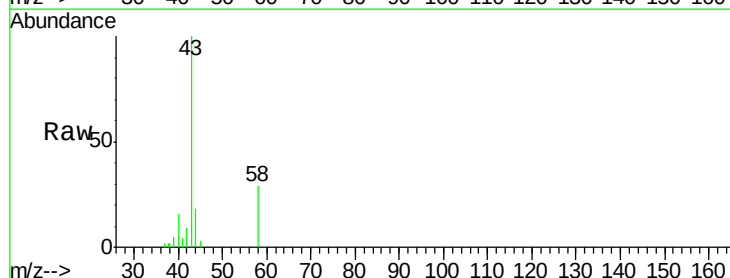
Acq: 11 Dec 2018 4:31

Tgt Ion: 43 Resp: 22851

Ion Ratio Lower Upper

43 100

58 29.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

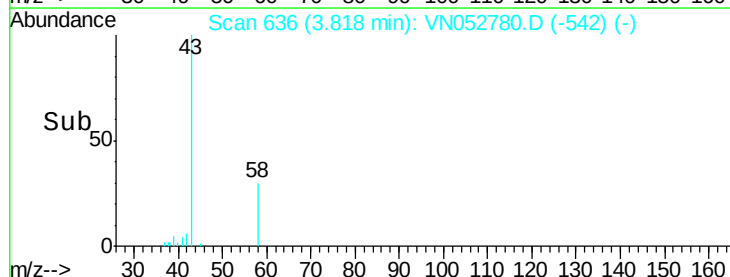
6000

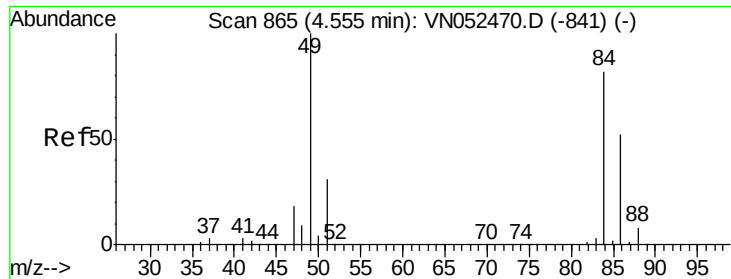
4000

2000

0

Time-->

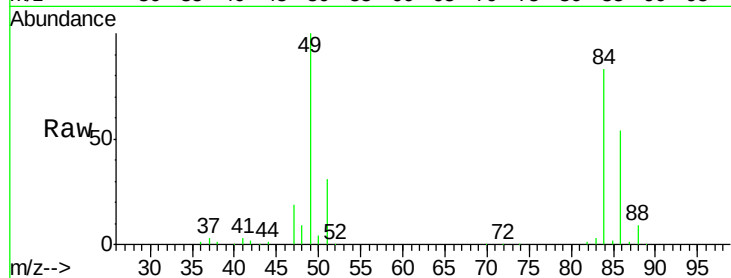




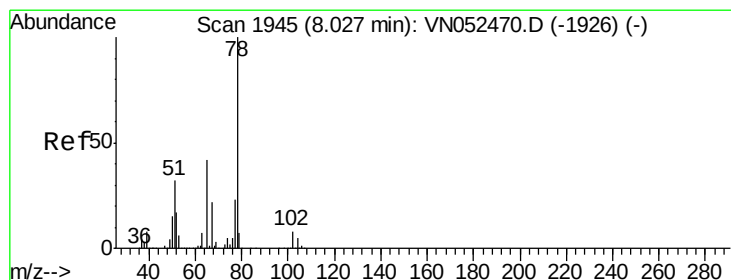
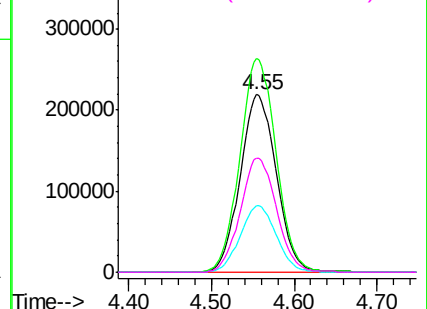
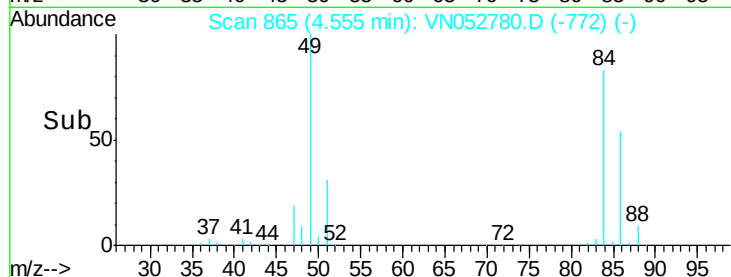
#20
Methylene Chloride
Concen: 49.641 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052780.D
Acq: 11 Dec 2018 4:31

Instrument :
MSVOA_N
ClientSampled :
VB-16204

Tot Ion: 84 Resp: 666279
Ion Ratio Lower Upper
84 100
49 120.4 98.0 147.0
51 37.5 30.1 45.1
86 64.6 50.7 76.1

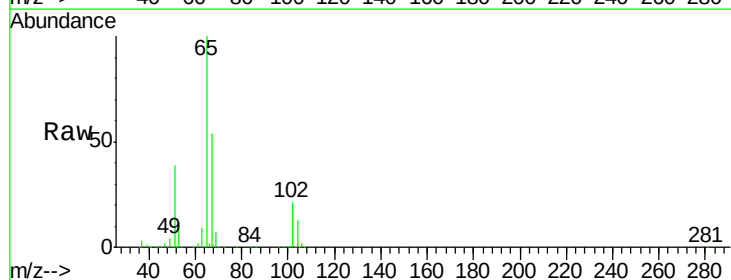


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

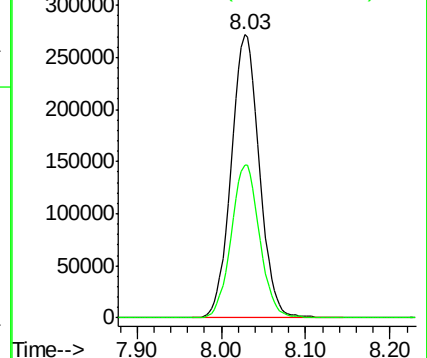
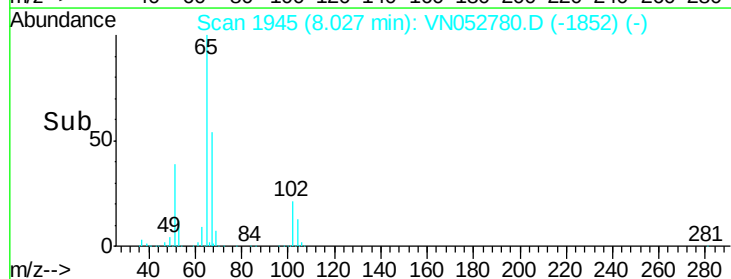


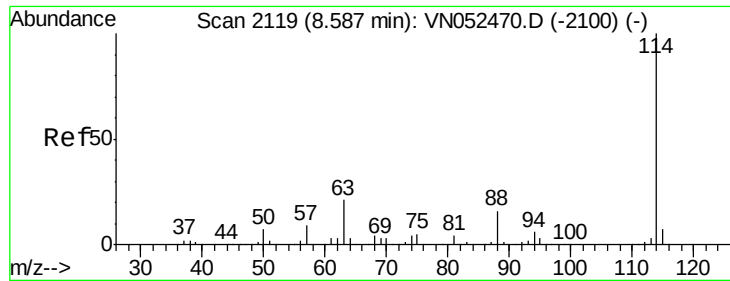
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052780.D
Acq: 11 Dec 2018 4:31

Tgt Ion: 65 Resp: 631471
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.8



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

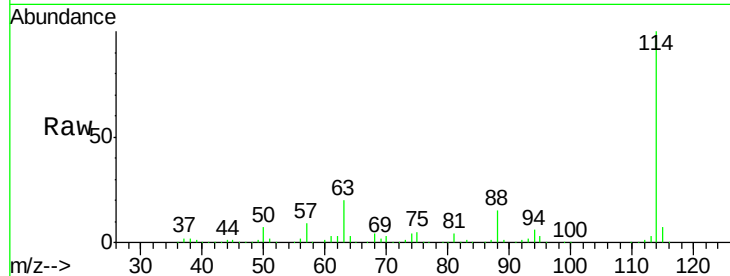




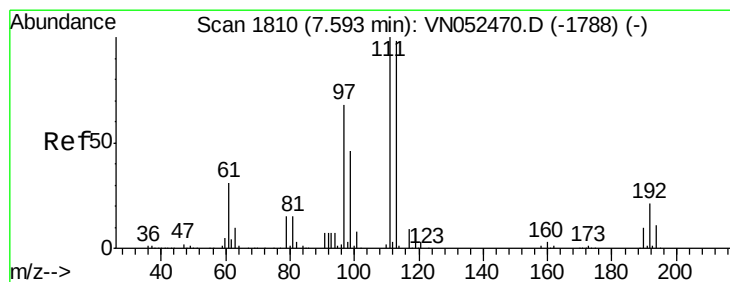
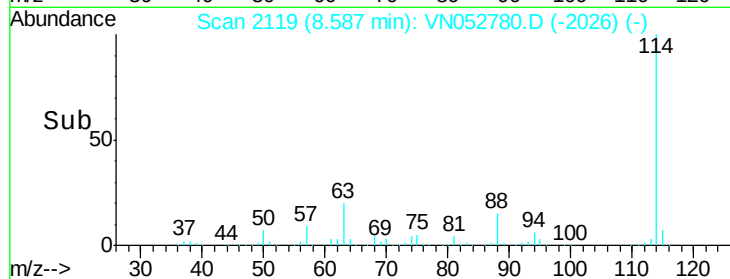
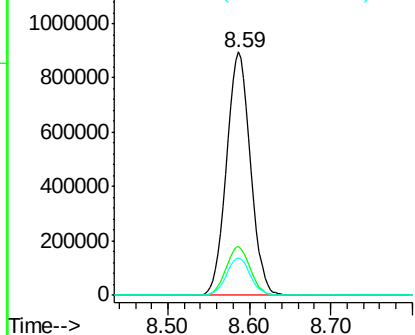
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052780.D
 Acq: 11 Dec 2018 4:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VB-16204

Tot Ion:114 Resp: 1852664
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

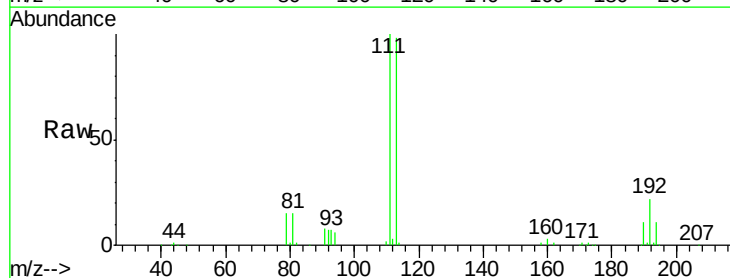


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

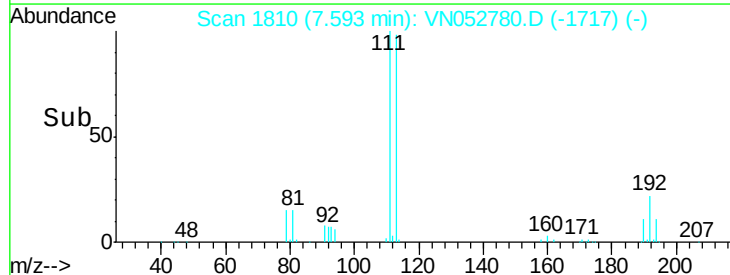
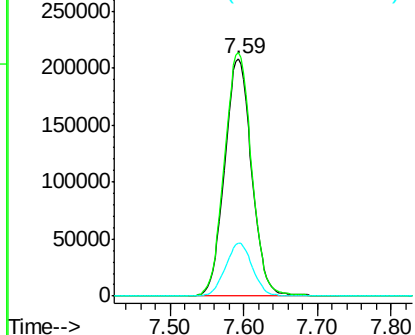


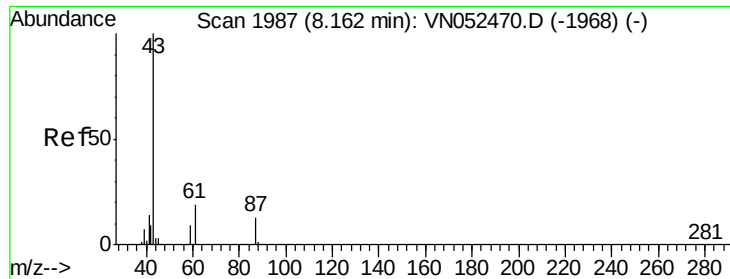
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052780.D
 Acq: 11 Dec 2018 4:31

Tgt Ion:113 Resp: 530359
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 22.2 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 4.056 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052780.D

Acq: 11 Dec 2018 4:31

Instrument :

MSVOA_N

ClientSampleId :

VB-16204

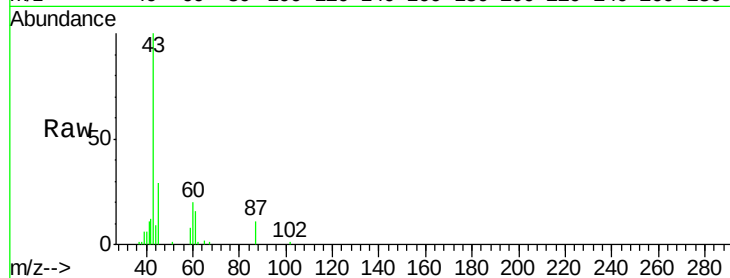
Tot Ion: 43 Resp: 73281

Ion Ratio Lower Upper

43 100

61 13.2 24.1 36.1#

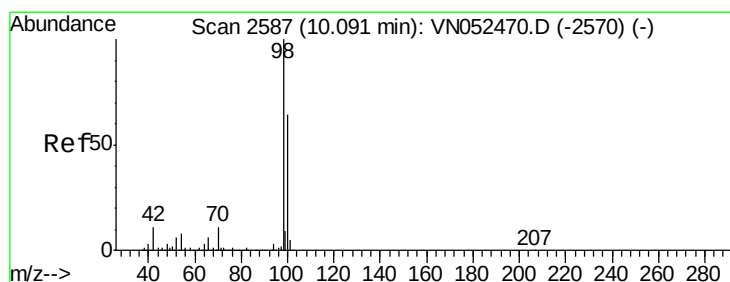
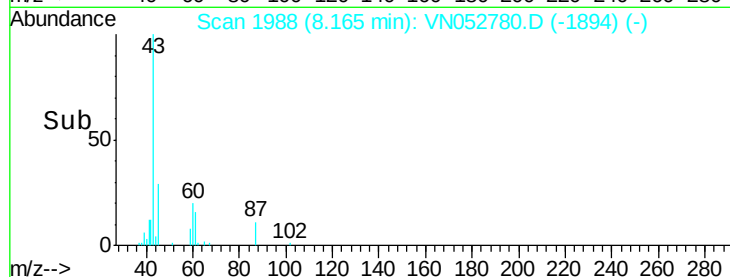
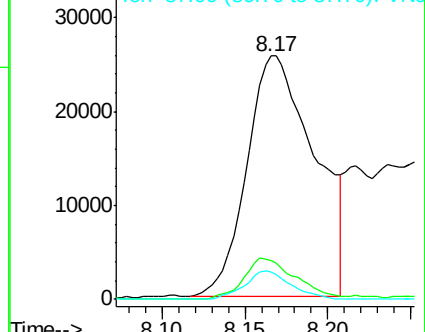
87 8.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052780.D

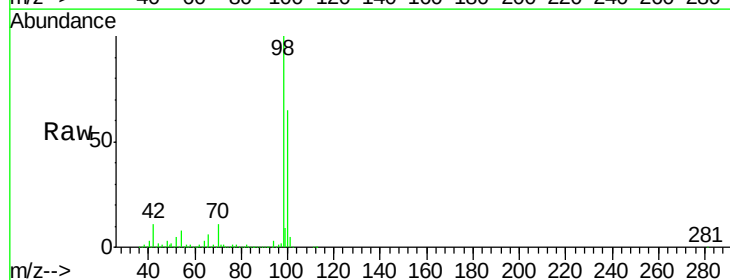
Acq: 11 Dec 2018 4:31

Tgt Ion: 98 Resp: 2253431

Ion Ratio Lower Upper

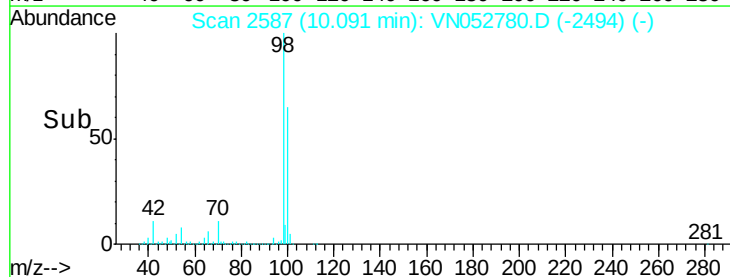
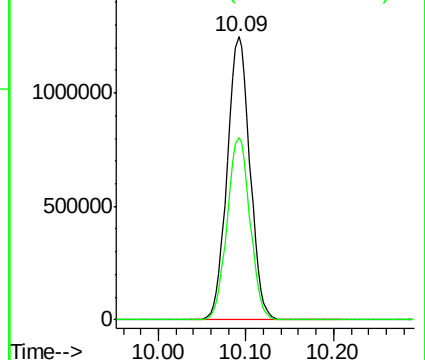
98 100

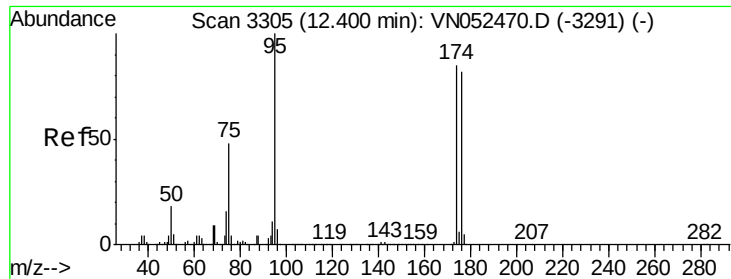
100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052780.D

Acq: 11 Dec 2018 4:31

Instrument :

MSVOA_N

ClientSampleId :

VB-16204

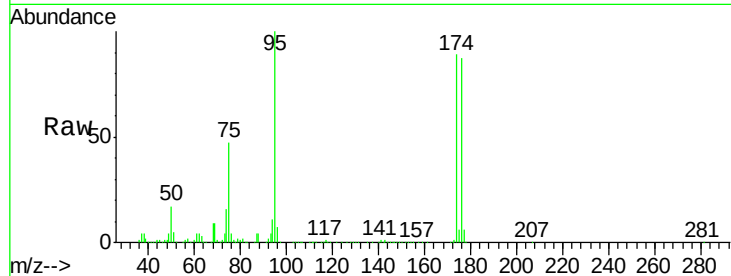
Tot Ion: 95 Resp: 715474

Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.0

176 86.1 0.0 166.2



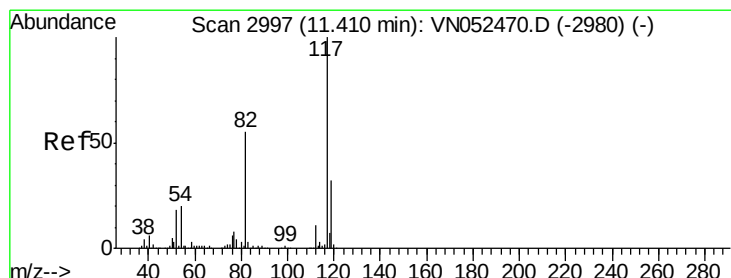
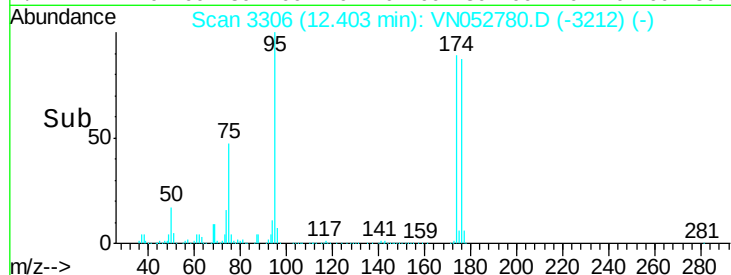
Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052780.D

Acq: 11 Dec 2018 4:31

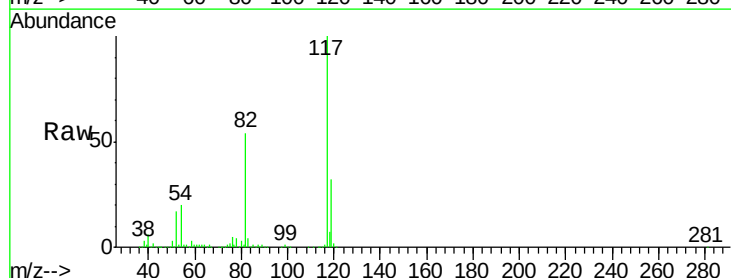
Tgt Ion: 117 Resp: 1625394

Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

119 32.0 25.4 38.2



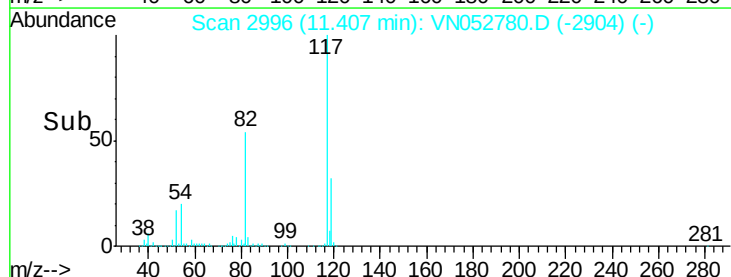
Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

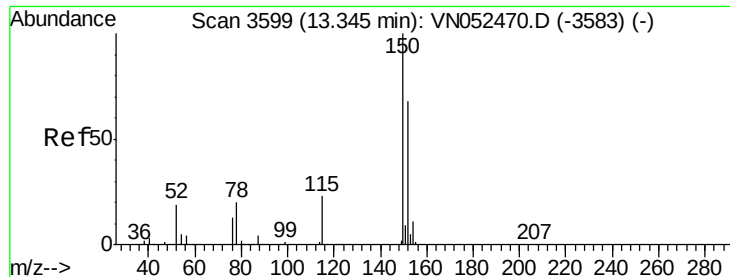
Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052780.D

Acq: 11 Dec 2018 4:31

Instrument :

MSVOA_N

ClientSampleId :

VB-16204

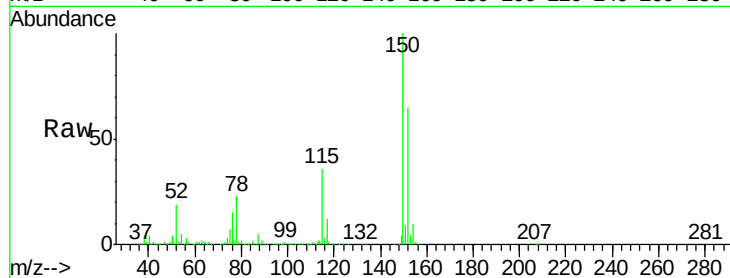
Tot Ion:152 Resp: 637105

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

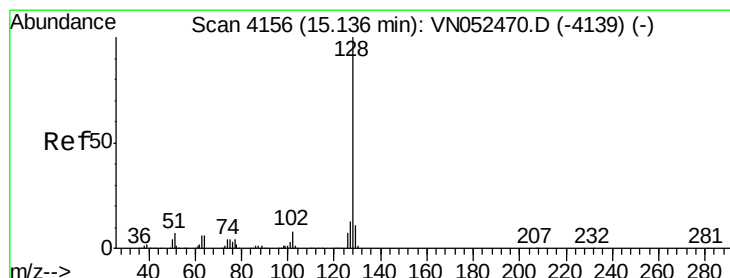
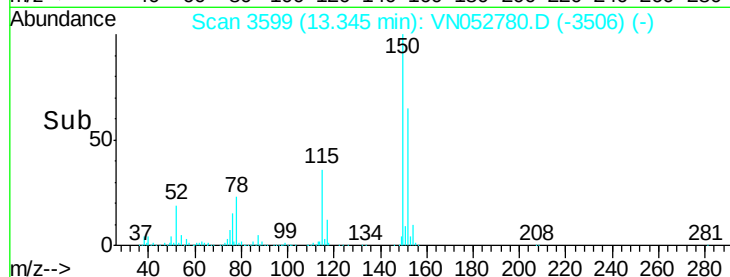
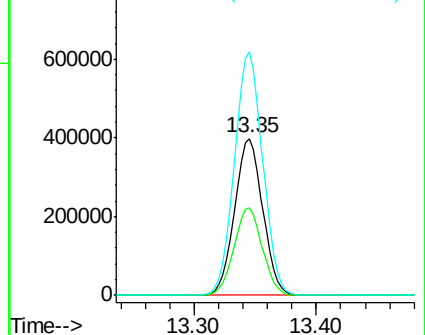
150 156.6 0.0 346.0



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



#95

Naphthalene

Concen: 3.984 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052780.D

Acq: 11 Dec 2018 4:31

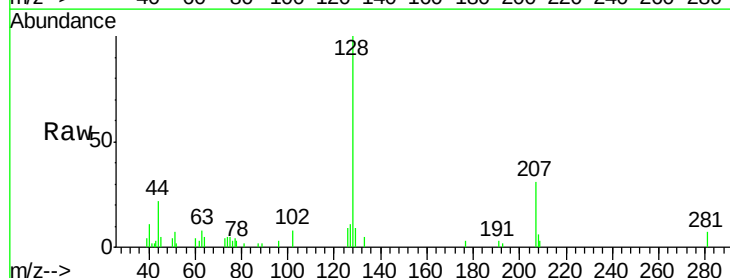
Tgt Ion:128 Resp: 14305

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

129 9.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

