

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052660.D
 Acq On : 4 Dec 2018 17:47
 Operator : MD\SY
 Sample : J6192-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-120318

Quant Time: Dec 05 04:12:00 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

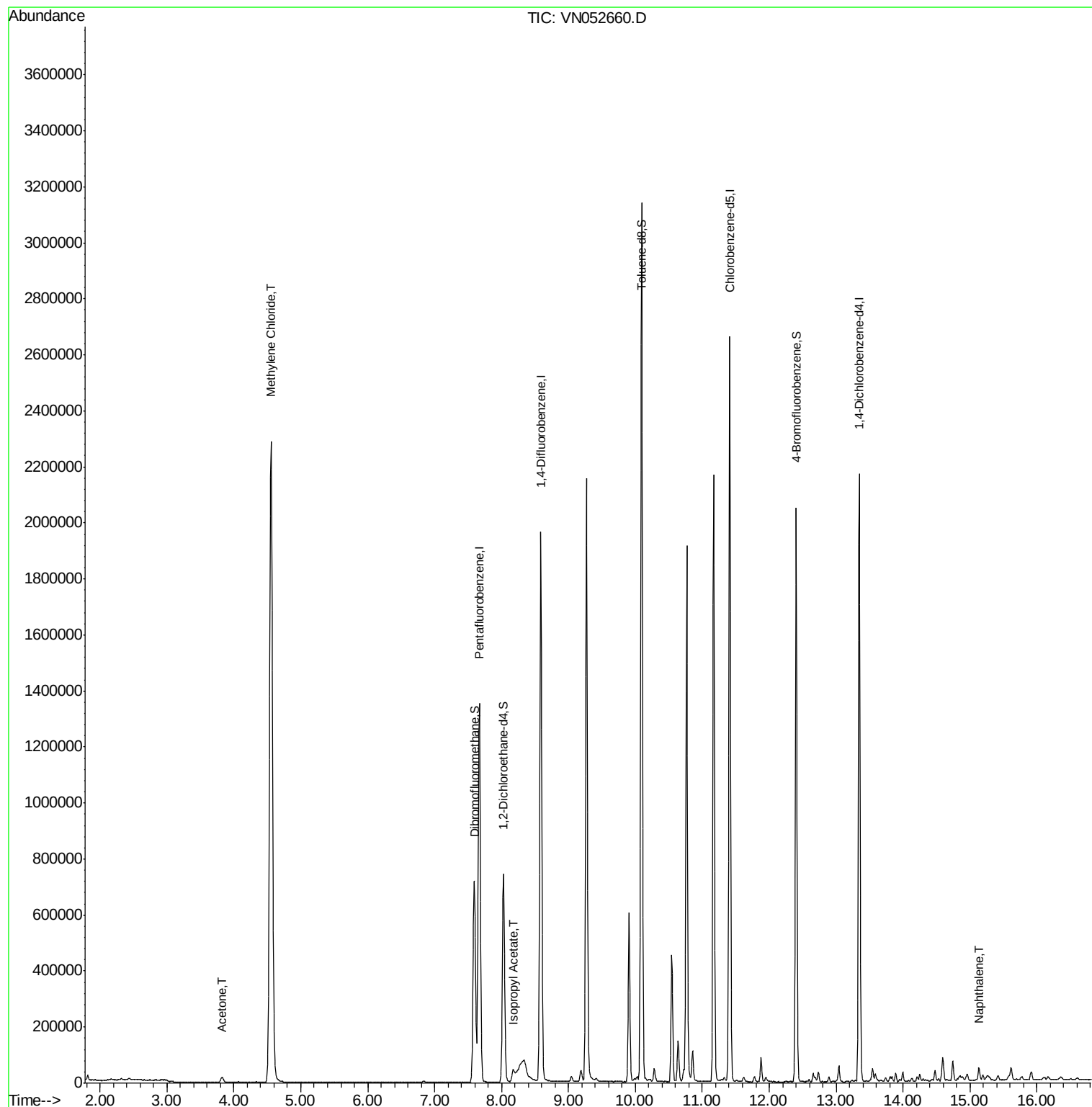
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1176841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1819219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1602609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	608792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	625864	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	562386	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.09	98	2224311	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	697428	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
16) Acetone	3.82	43	32433	9.596	ug/l	96
20) Methylene Chloride	4.55	84	1767216	133.619	ug/l	100
43) Isopropyl Acetate	8.17	43	57694	3.252	ug/l #	76
95) Naphthalene	15.13	128	39279	5.025	ug/l	97

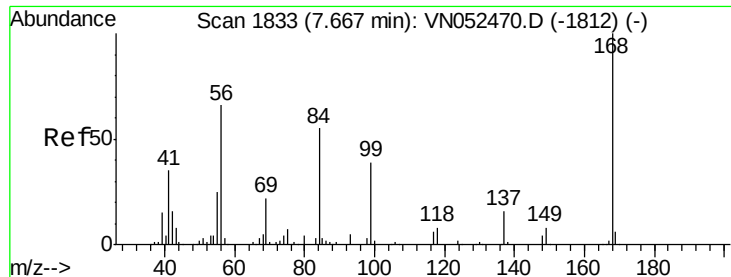
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
Data File : VN052660.D
Acq On : 4 Dec 2018 17:47
Operator : MD\SY
Sample : J6192-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
HD-02-120318

Quant Time: Dec 05 04:12:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
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: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampled :

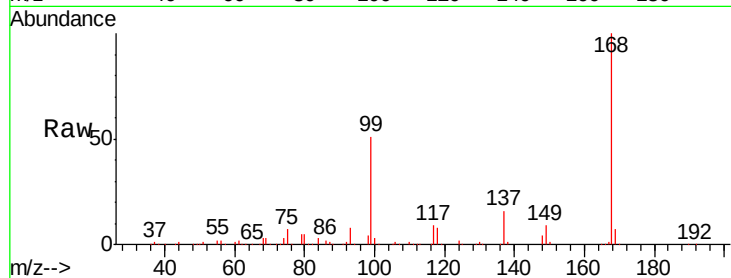
HD-02-120318

Tgt Ion:168 Resp: 1176841

Ion Ratio Lower Upper

168 100

99 50.8 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

500000

400000

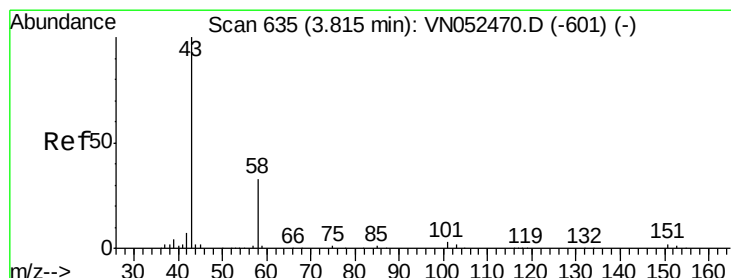
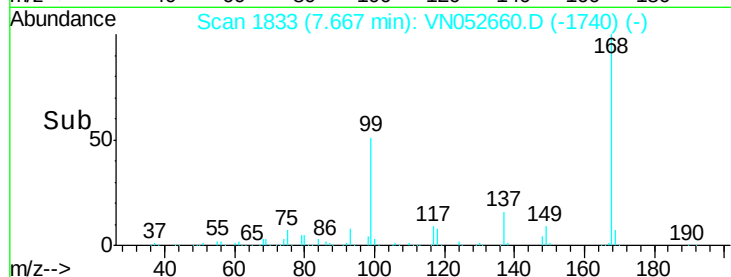
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.596 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052660.D

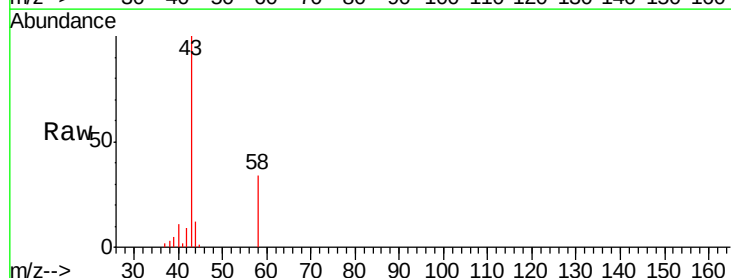
Acq: 4 Dec 2018 17:47

Tgt Ion: 43 Resp: 32433

Ion Ratio Lower Upper

43 100

58 34.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

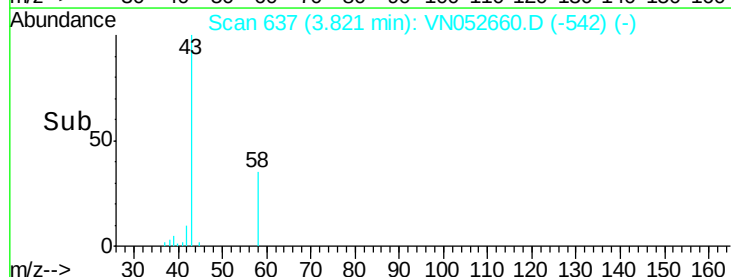
3.82

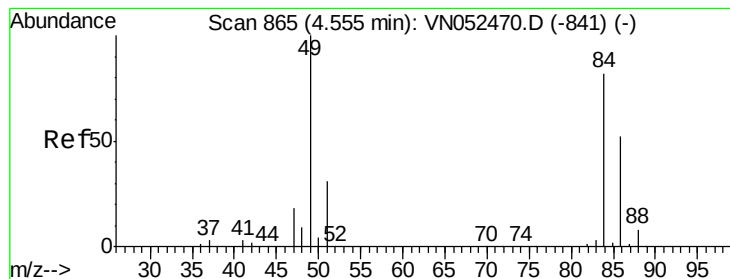
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 133.619 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampled :

HD-02-120318

Tgt Ion: 84 Resp: 1767216

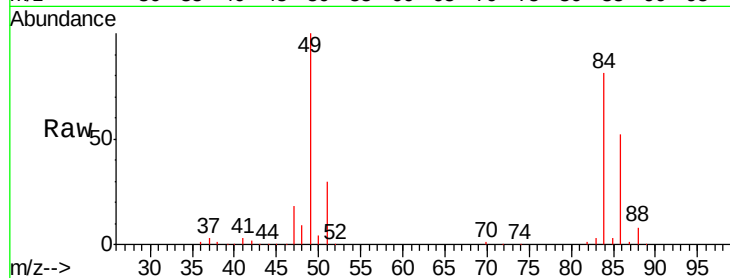
Ion Ratio Lower Upper

84 100

49 123.1 98.0 147.0

51 37.3 30.1 45.1

86 63.7 50.7 76.1

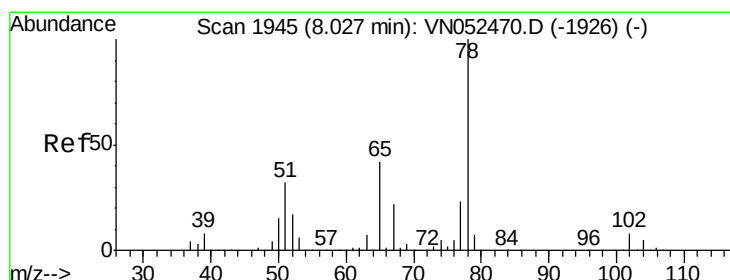
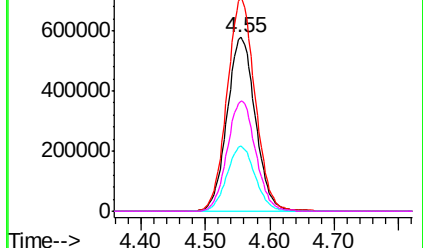
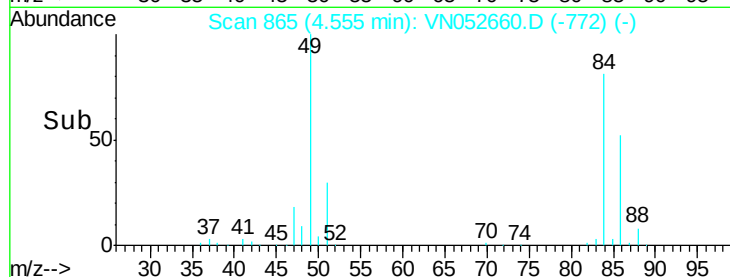


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052660.D

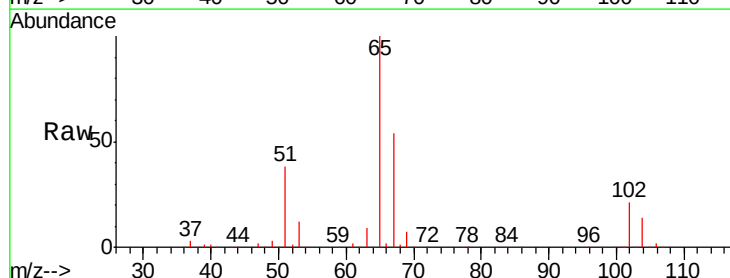
Acq: 4 Dec 2018 17:47

Tgt Ion: 65 Resp: 625864

Ion Ratio Lower Upper

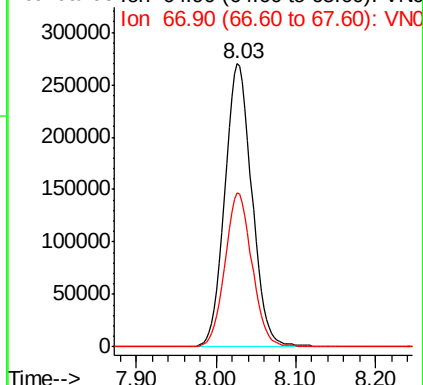
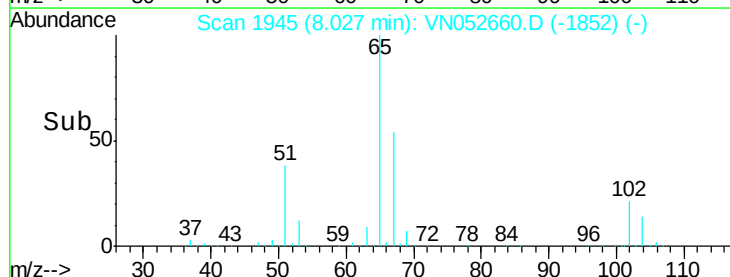
65 100

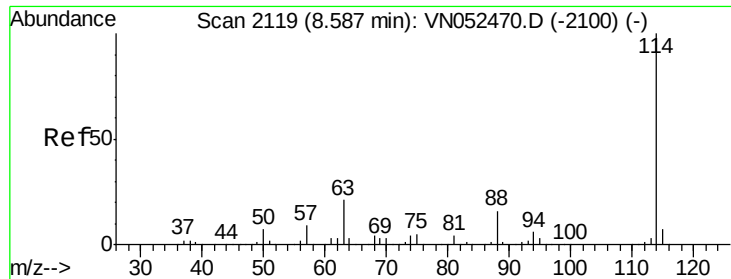
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

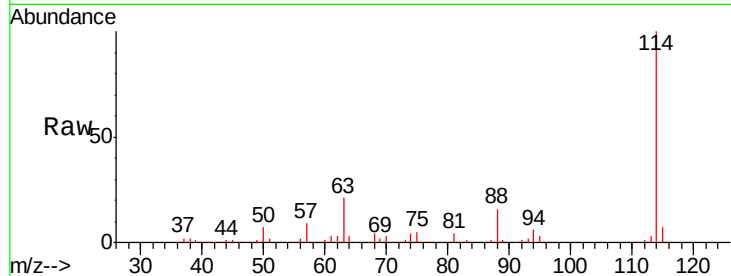




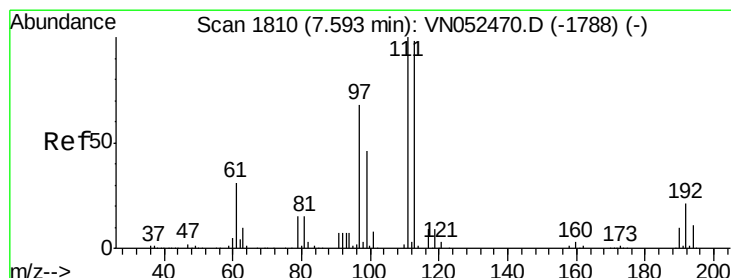
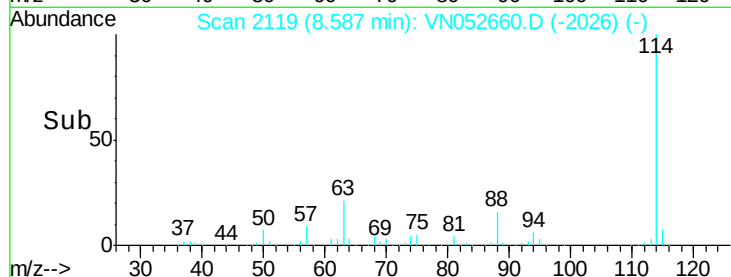
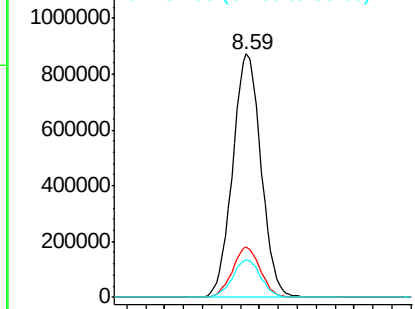
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Instrument :
MSVOA_N
ClientSampleId :
HD-02-120318

Tgt Ion:114 Resp: 1819219
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.8
88 15.5 0.0 31.6

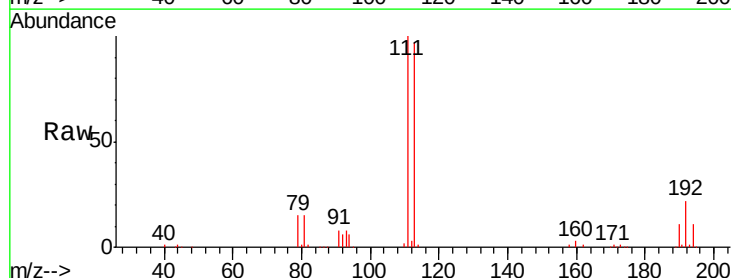


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

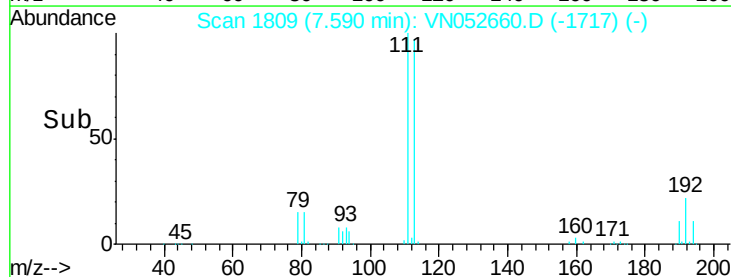
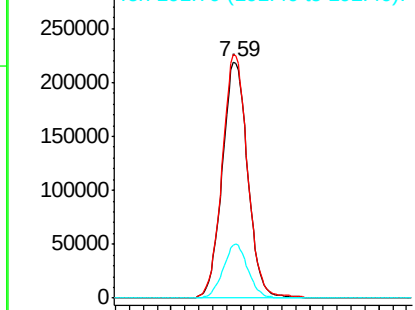


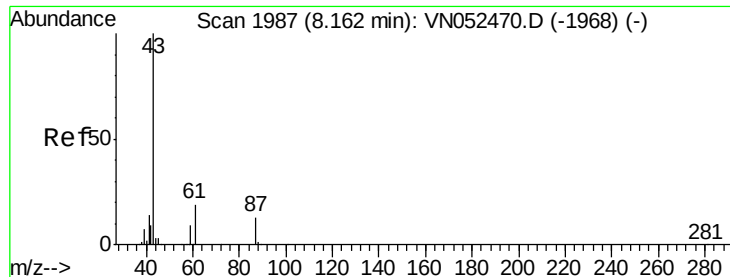
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052660.D
Acq: 4 Dec 2018 17:47

Tgt Ion:113 Resp: 562386
Ion Ratio Lower Upper
113 100
111 102.4 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: 3.252 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

HD-02-120318

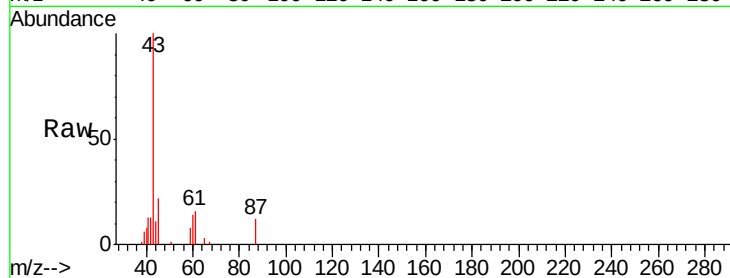
Tgt Ion: 43 Resp: 57694

Ion Ratio Lower Upper

43 100

61 13.8 24.1 36.1#

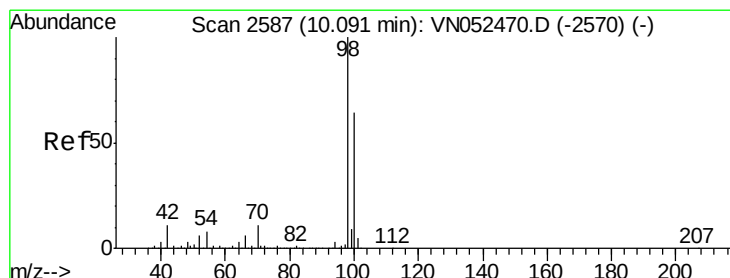
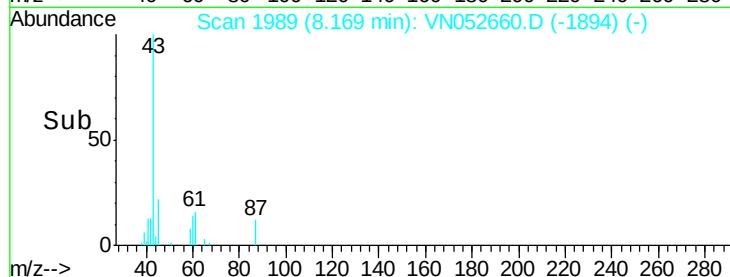
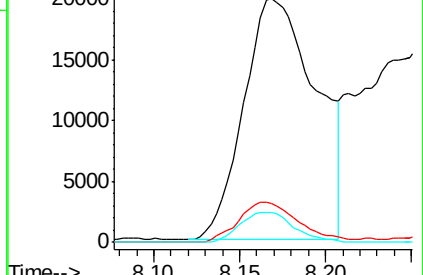
87 9.3 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052660.D

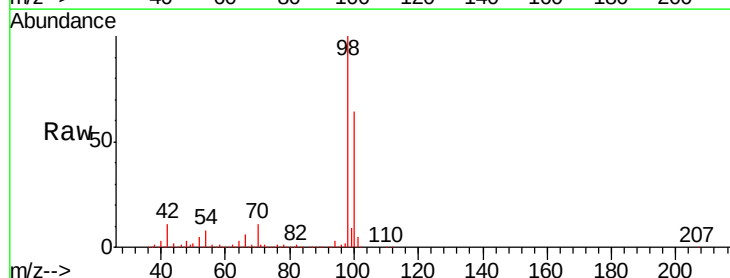
Acq: 4 Dec 2018 17:47

Tgt Ion: 98 Resp: 2224311

Ion Ratio Lower Upper

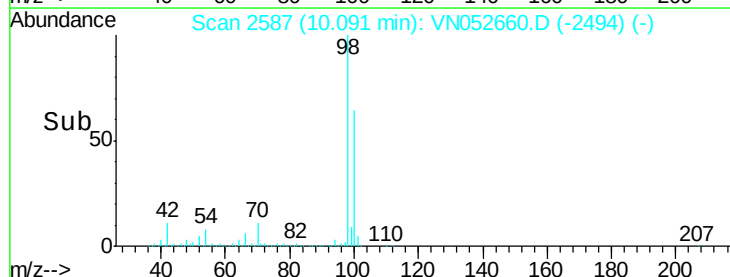
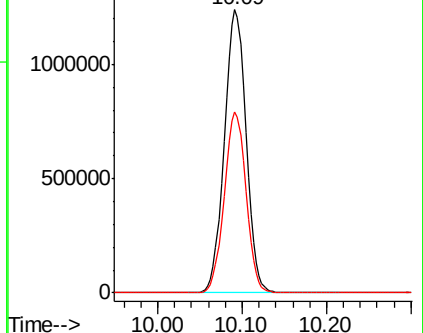
98 100

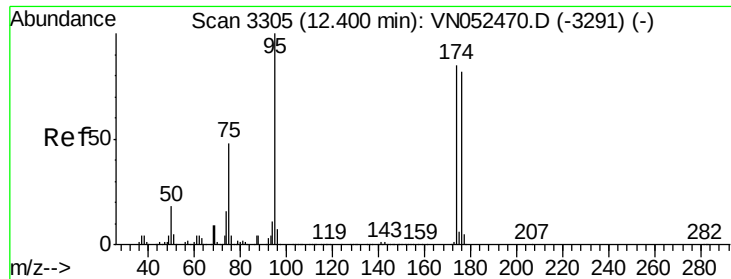
100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

Instrument :

MSVOA_N

ClientSampleId :

HD-02-120318

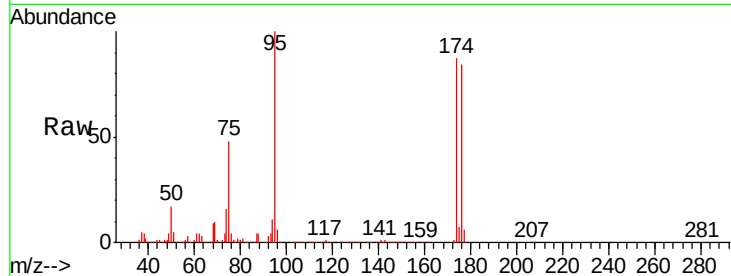
Tgt Ion: 95 Resp: 697428

Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.0

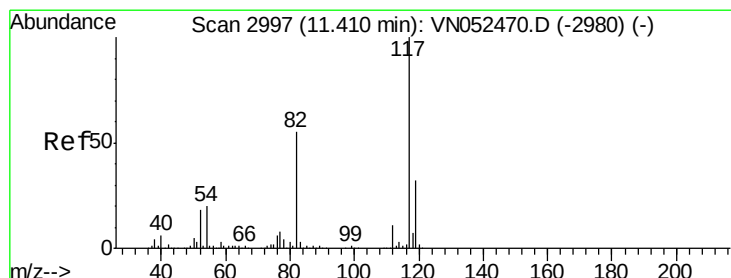
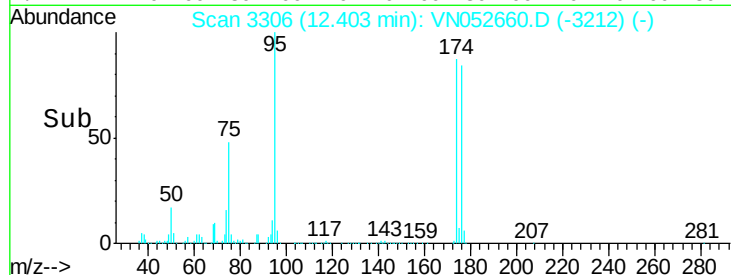
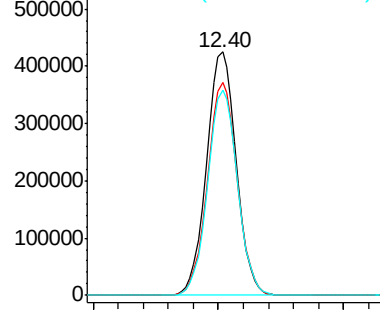
176 84.7 0.0 166.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052660.D

Acq: 4 Dec 2018 17:47

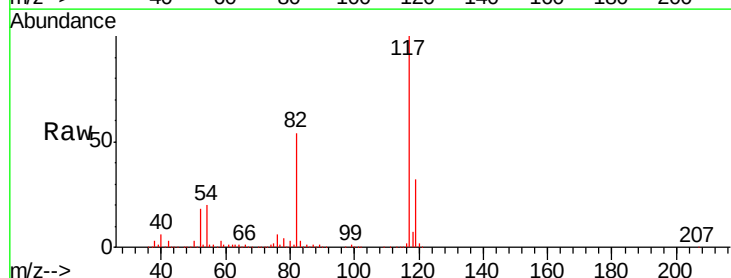
Tgt Ion: 117 Resp: 1602609

Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

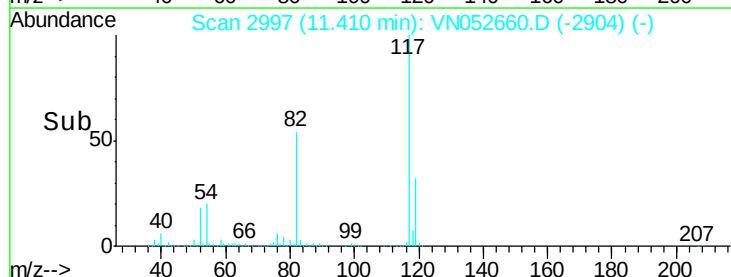
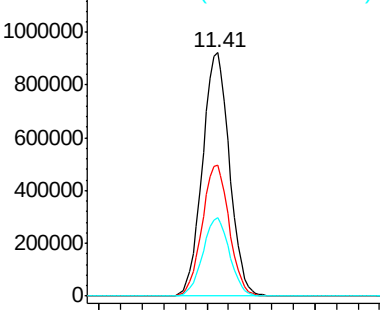
119 32.1 25.4 38.2

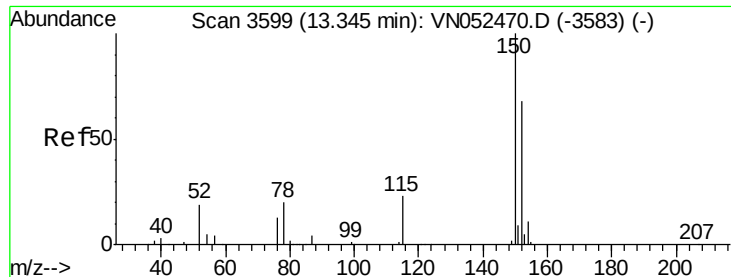


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

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

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

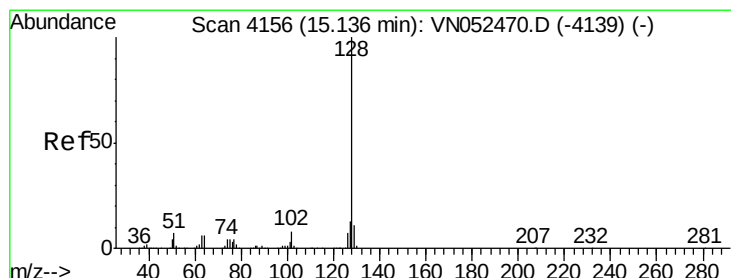
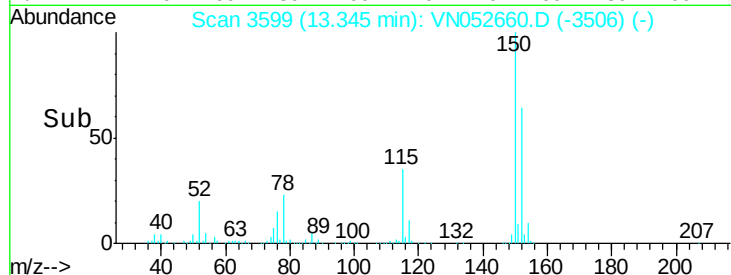
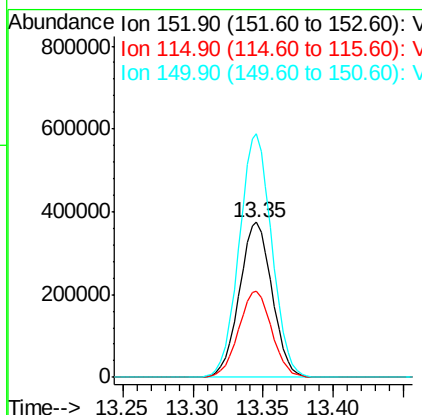
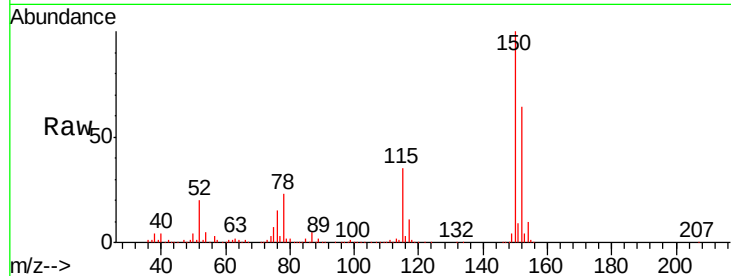




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-120318

Tgt Ion:152 Resp: 608792
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.4 85.2
 150 156.7 0.0 346.0



#95
 Naphthalene
 Concen: 5.025 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052660.D
 Acq: 4 Dec 2018 17:47

Tgt Ion:128 Resp: 39279
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.2 15.2
 129 9.4 8.7 13.1

