

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052800.D
 Acq On : 11 Dec 2018 14:22
 Operator : MD\SY
 Sample : PB115504ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#05

Quant Time: Dec 12 01:27:08 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

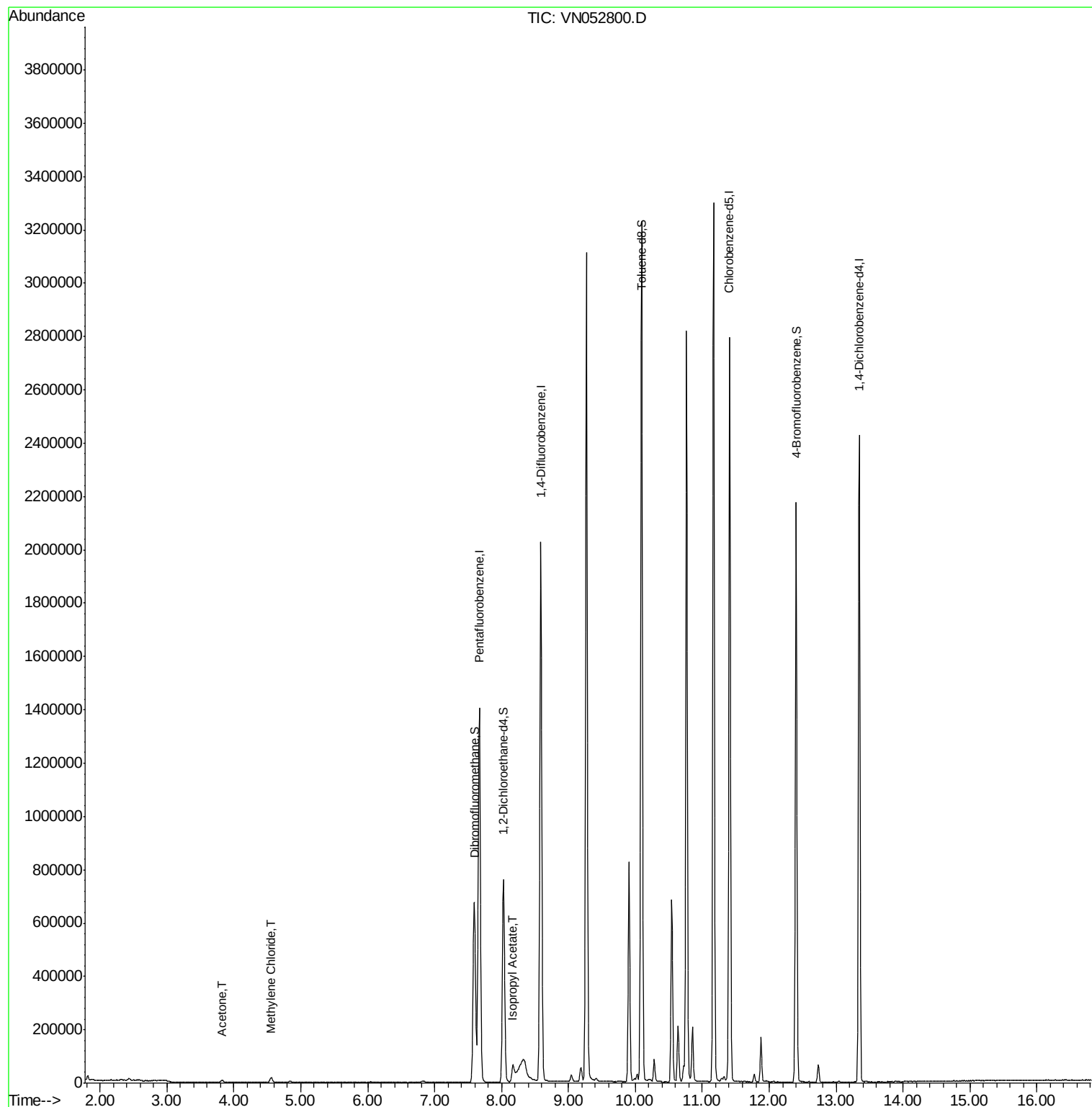
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1215018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1899313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1683692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	644394	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	530280	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	2317115	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	749242	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
Target Compounds						
16) Acetone	3.82	43	16530	4.737	ug/l	97
20) Methylene Chloride	4.55	84	13696	1.003	ug/l	94
43) Isopropyl Acetate	8.17	43	81246	4.386	ug/l #	76

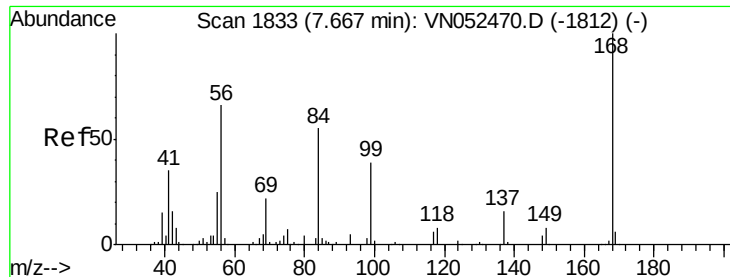
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121118\
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QLast Update : Mon Dec 03 03:24:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

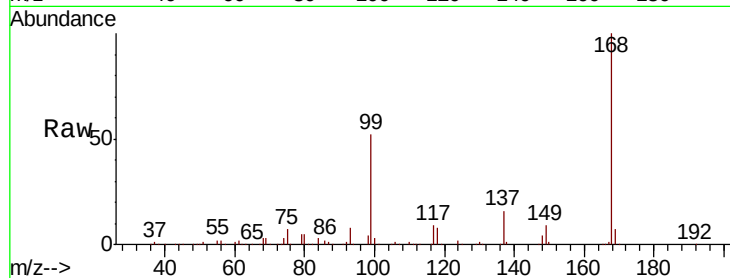
PB115504ZHE#05

Tot Ion:168 Resp: 1215018

Ion Ratio Lower Upper

168 100

99 51.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052800.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052800.D (-1740) (-)

7.67

600000

500000

400000

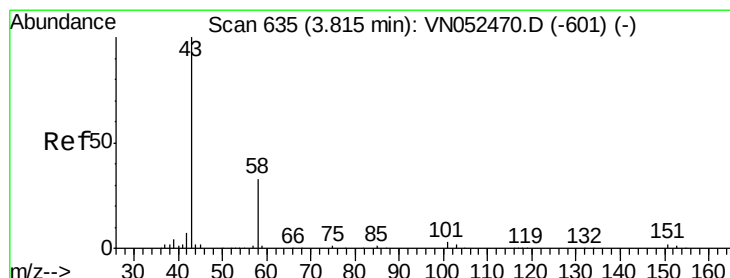
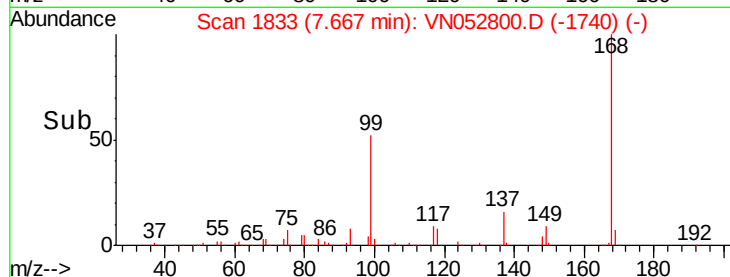
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.737 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052800.D

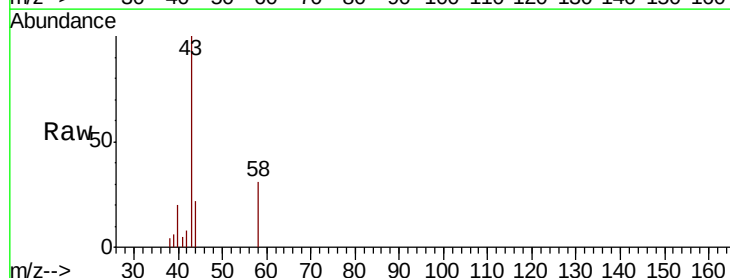
Acq: 11 Dec 2018 14:22

Tgt Ion: 43 Resp: 16530

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052800.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052800.D (-542) (-)

3.82

6000

5000

4000

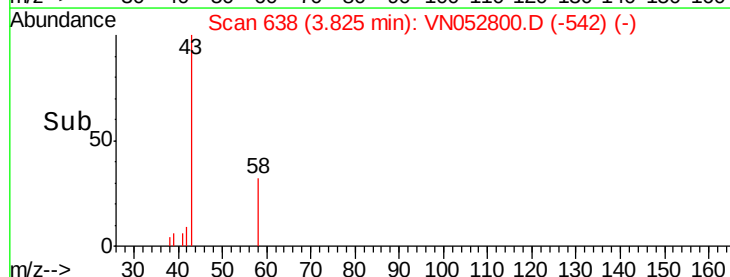
3000

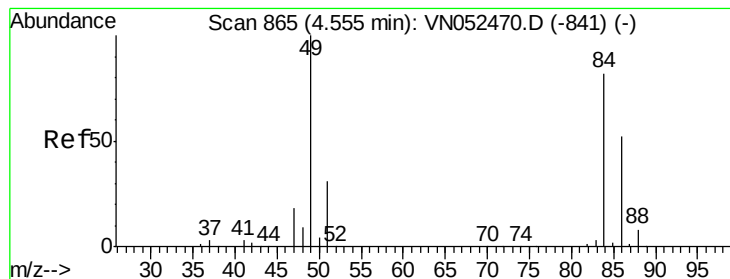
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.003 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

Tot Ion: 84 Resp: 13696

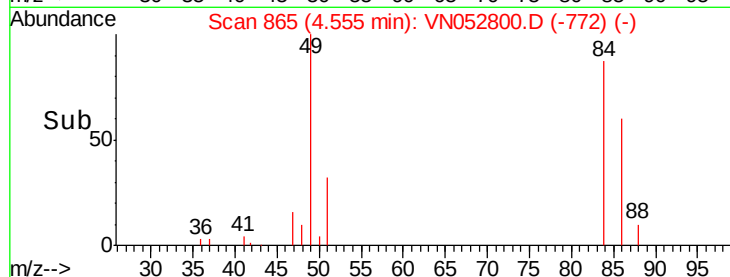
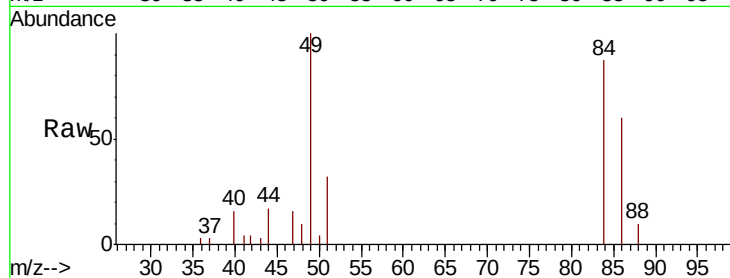
Ion Ratio Lower Upper

84 100

49 114.3 98.0 147.0

51 36.5 30.1 45.1

86 68.1 50.7 76.1



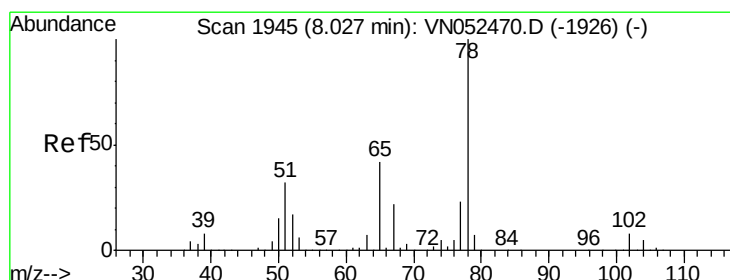
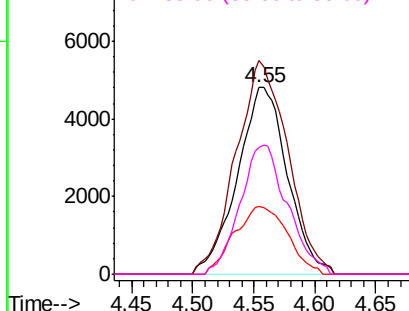
Abundance

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: VN052800.D

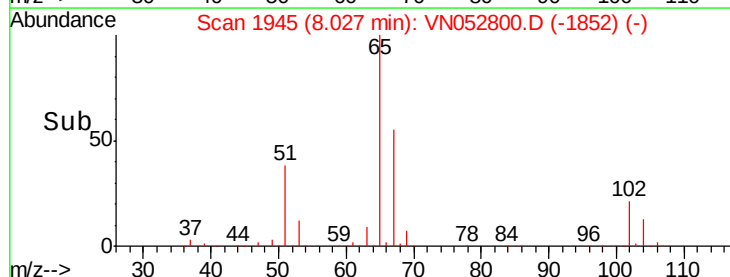
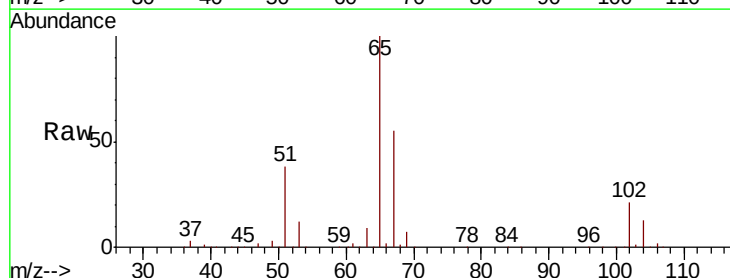
Acq: 11 Dec 2018 14:22

Tgt Ion: 65 Resp: 644394

Ion Ratio Lower Upper

65 100

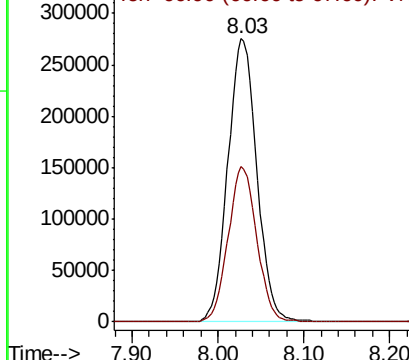
67 54.3 0.0 109.8

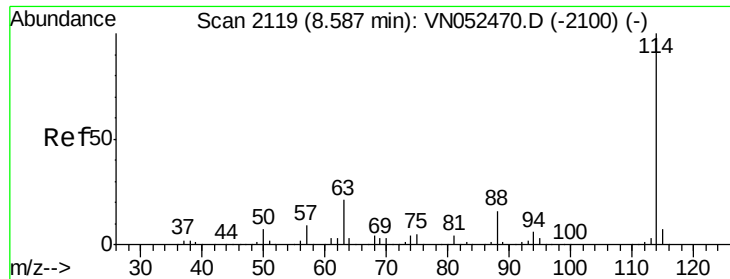


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

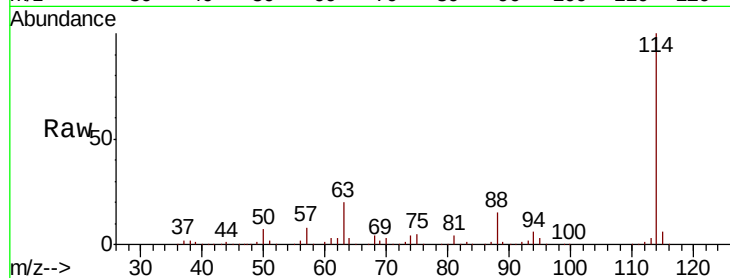




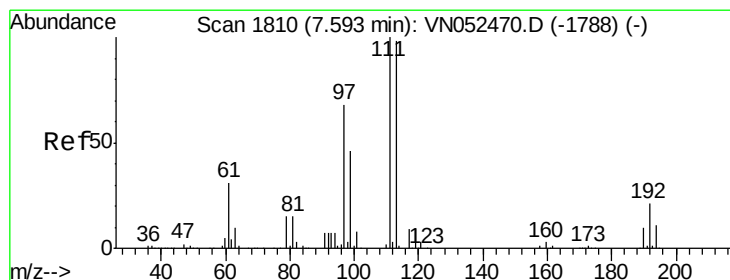
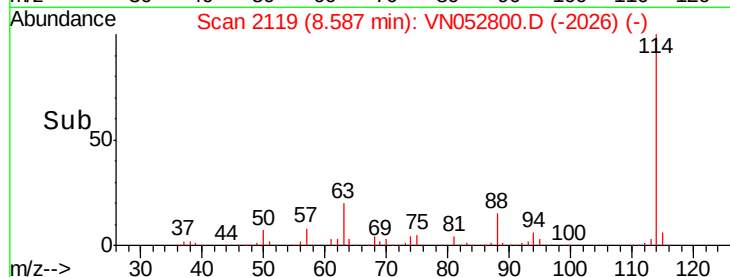
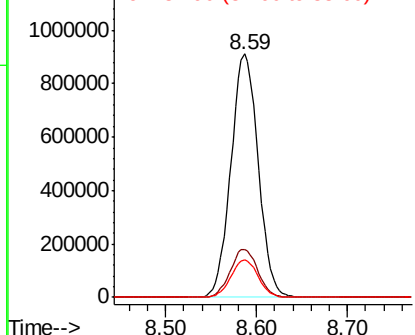
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#05

Tot Ion:114 Resp: 1899313
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 15.4 0.0 31.6

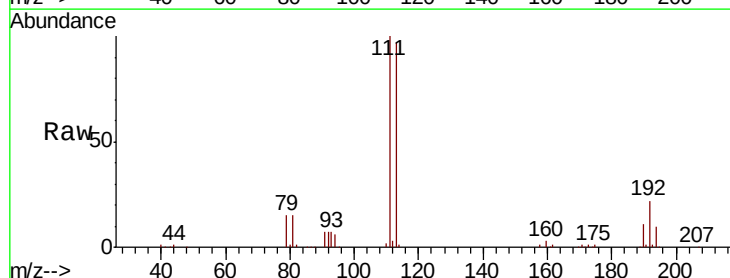


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

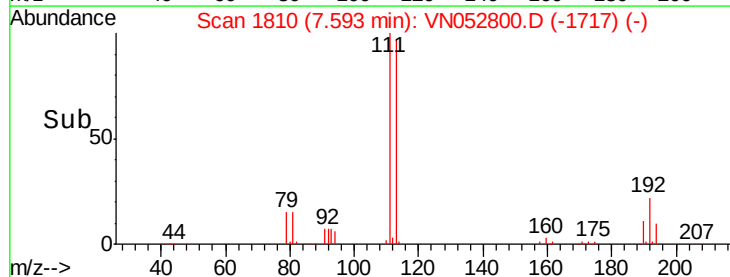
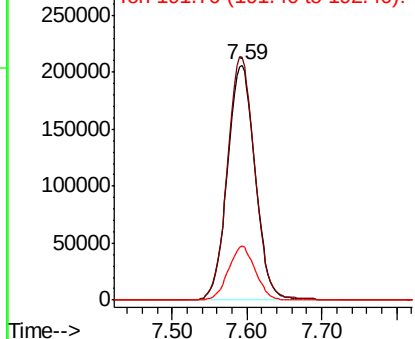


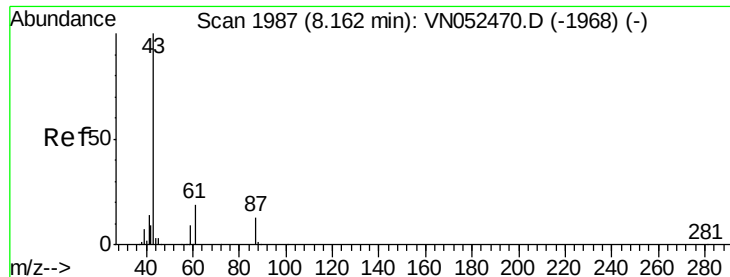
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

Tgt Ion:113 Resp: 530280
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 22.4 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: 4.386 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

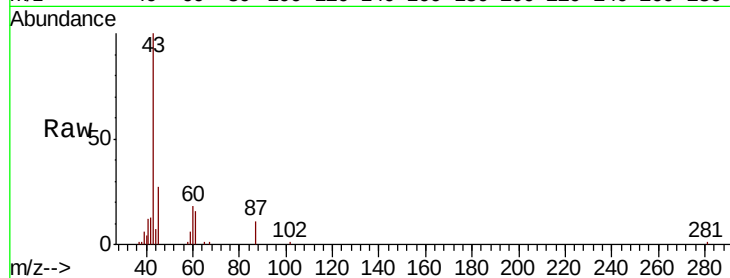
Tot Ion: 43 Resp: 81246

Ion Ratio Lower Upper

43 100

61 14.0 24.1 36.1#

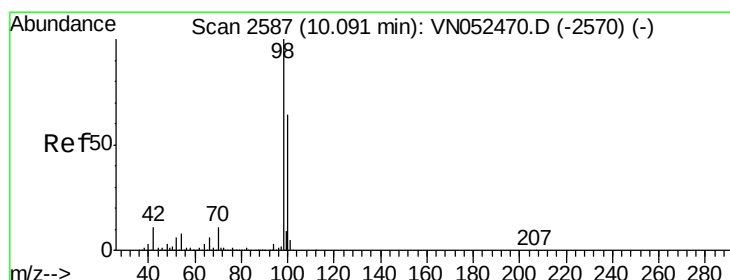
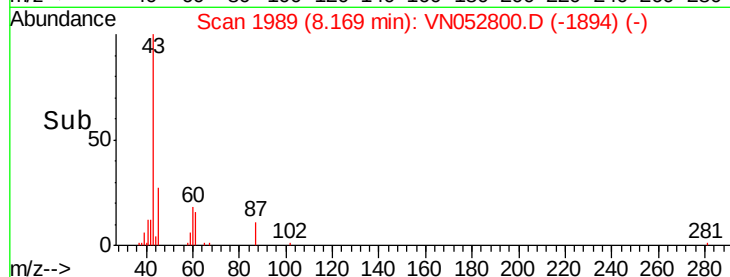
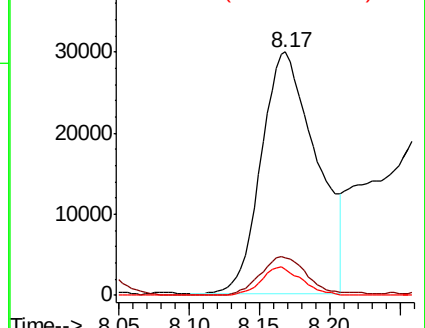
87 8.6 10.6 15.8#



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: VN052800.D

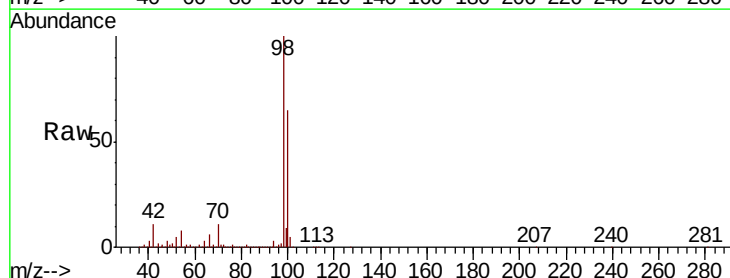
Acq: 11 Dec 2018 14:22

Tgt Ion: 98 Resp: 2317115

Ion Ratio Lower Upper

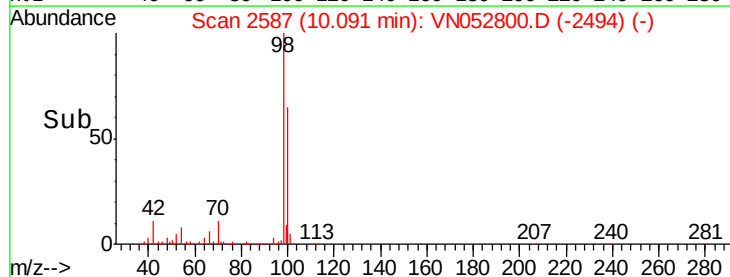
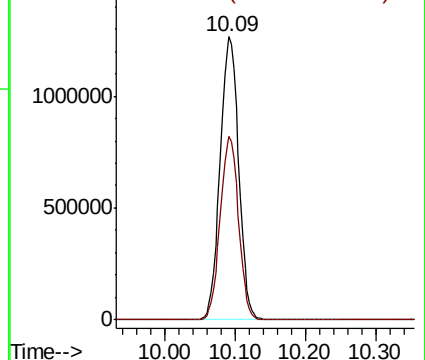
98 100

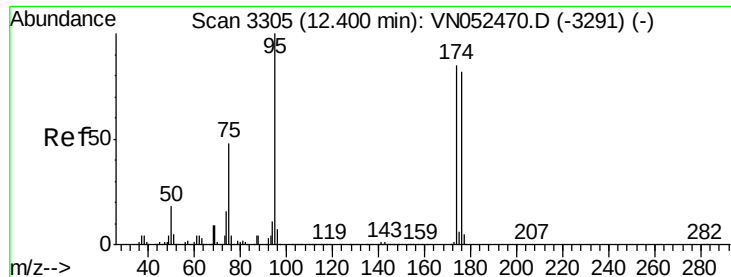
100 64.1 51.3 76.9



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

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

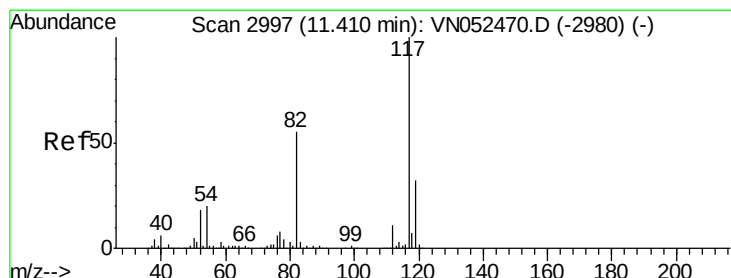
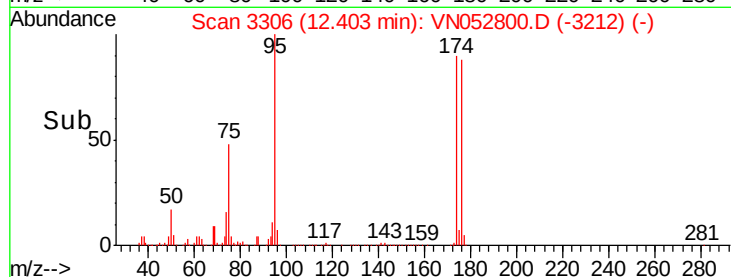
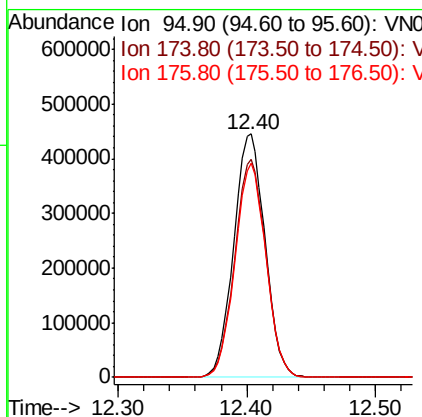
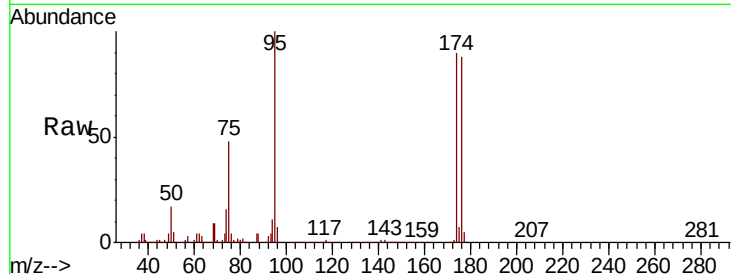




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

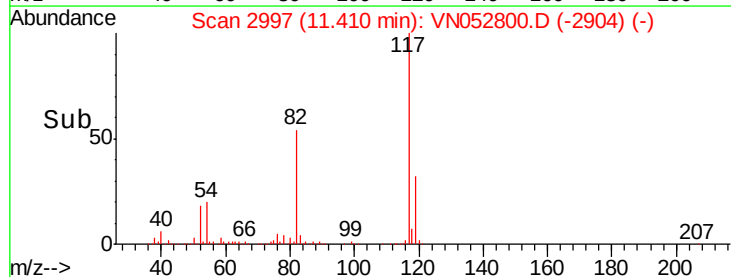
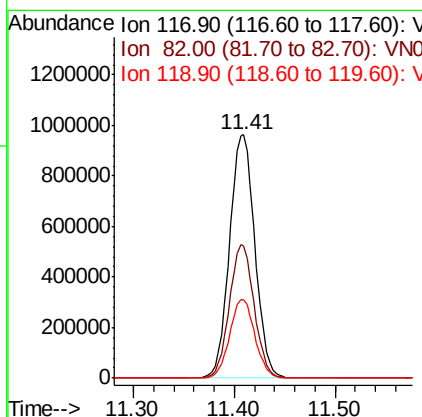
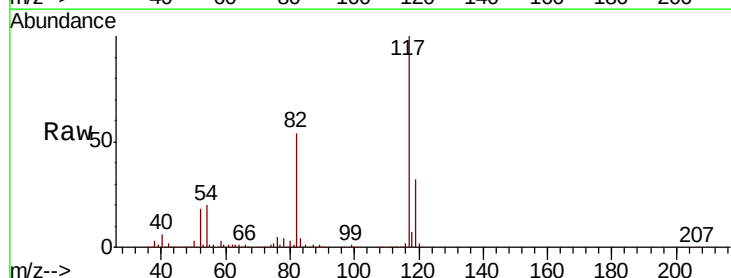
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#05

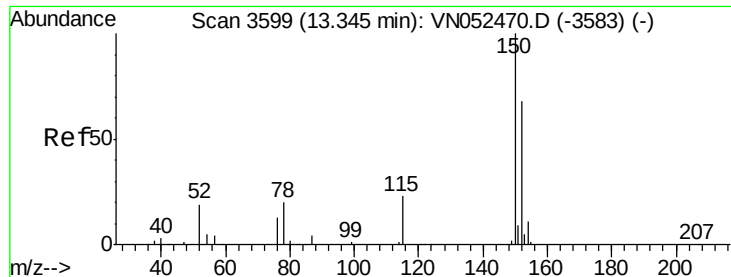
Tot Ion: 95 Resp: 749242
Ion Ratio Lower Upper
95 100
174 89.3 0.0 173.0
176 87.1 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

Tgt Ion: 117 Resp: 1683692
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

Tot Ion:152 Resp: 686175

Ion Ratio Lower Upper

152 100

115 57.0 28.4 85.2

150 158.5 0.0 346.0

