

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052671.D
 Acq On : 5 Dec 2018 12:53
 Operator : MD\SY
 Sample : PB115330ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#02

Quant Time: Dec 06 04:54:50 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

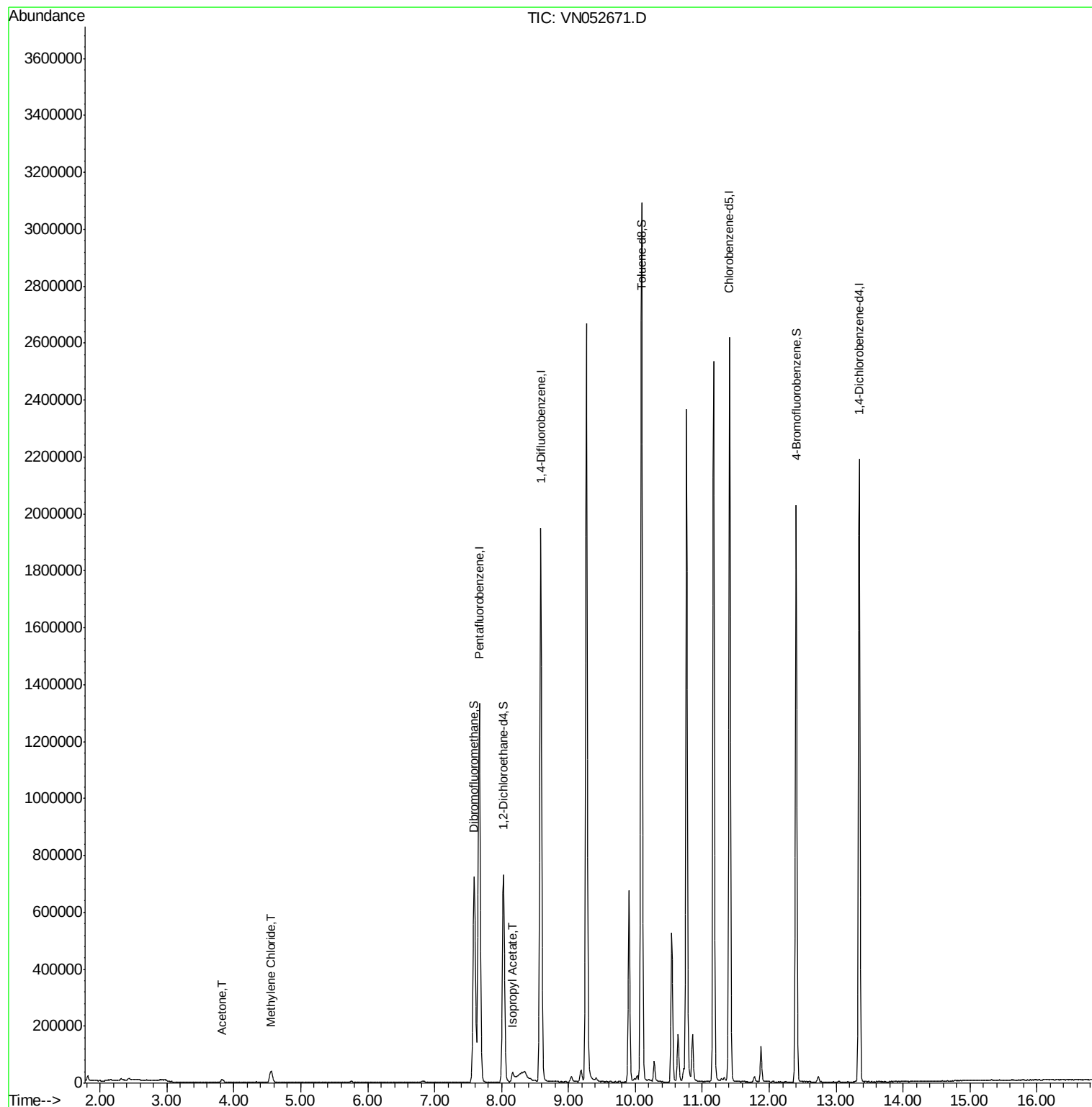
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1162943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1804219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1603775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	620435	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	553916	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	2209285	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	705849	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
Target Compounds						
16) Acetone	3.82	43	17738	5.311	ug/l	93
20) Methylene Chloride	4.55	84	30844	2.360	ug/l	97
43) Isopropyl Acetate	8.17	43	49402	2.807	ug/l #	81

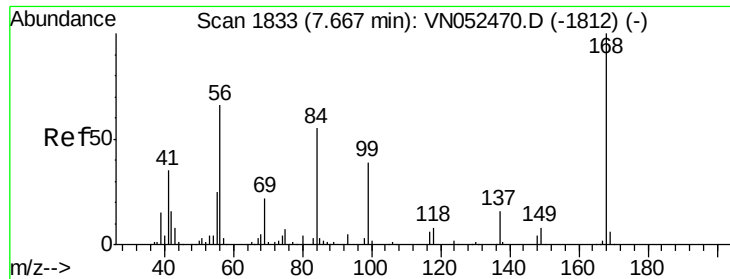
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

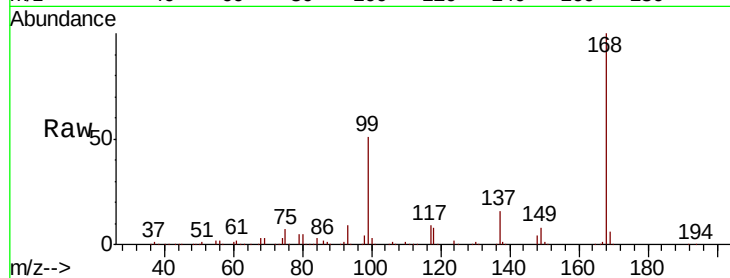
PB115330ZHE#02

Tot Ion:168 Resp: 1162943

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): VN0

7.67

500000

400000

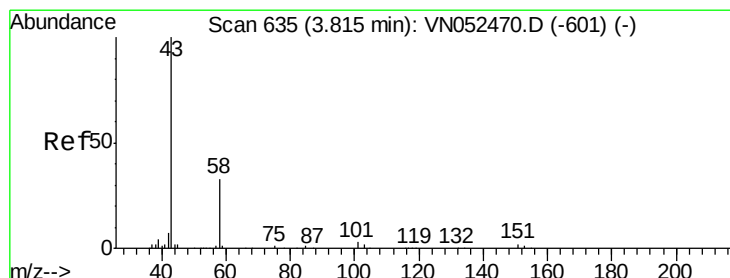
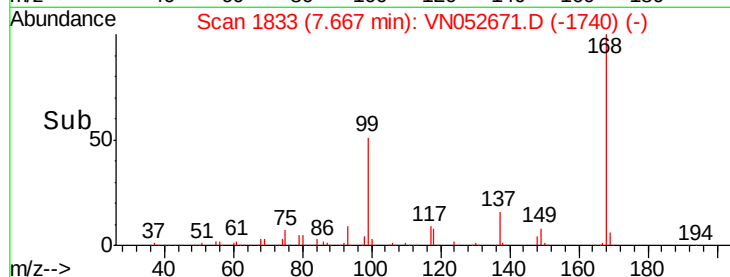
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.311 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052671.D

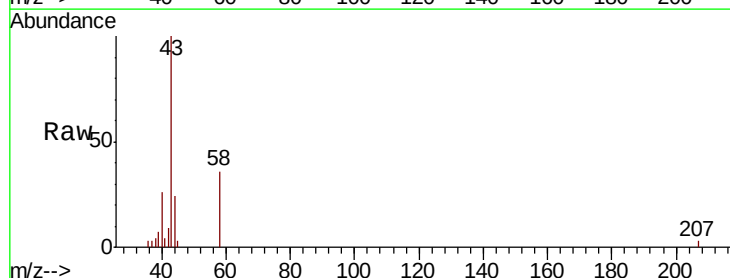
Acq: 5 Dec 2018 12:53

Tgt Ion: 43 Resp: 17738

Ion Ratio Lower Upper

43 100

58 36.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

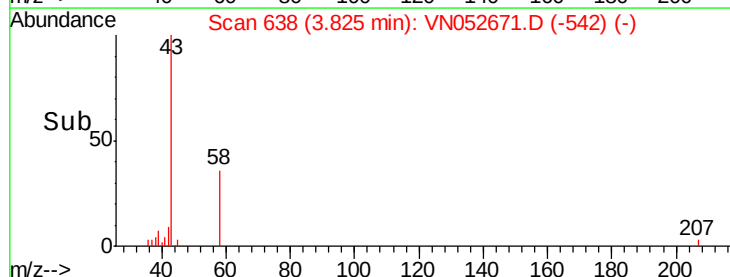
6000

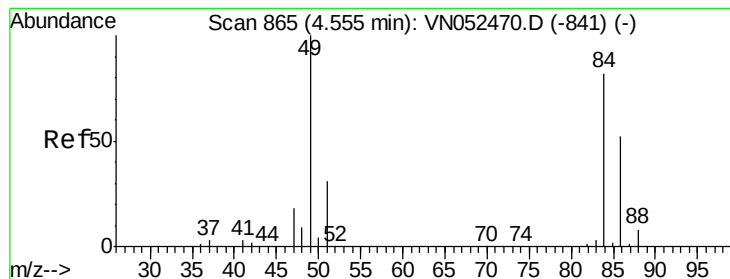
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.360 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

Tot Ion: 84 Resp: 30844

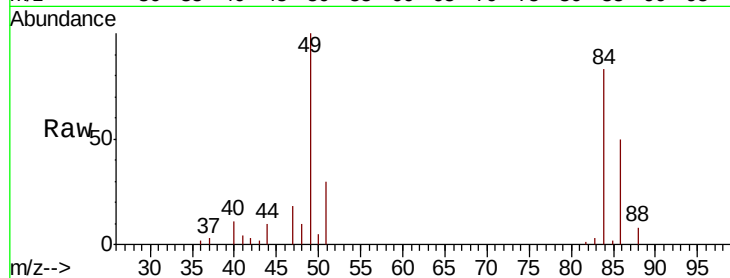
Ion Ratio Lower Upper

84 100

49 120.2 98.0 147.0

51 35.5 30.1 45.1

86 60.0 50.7 76.1

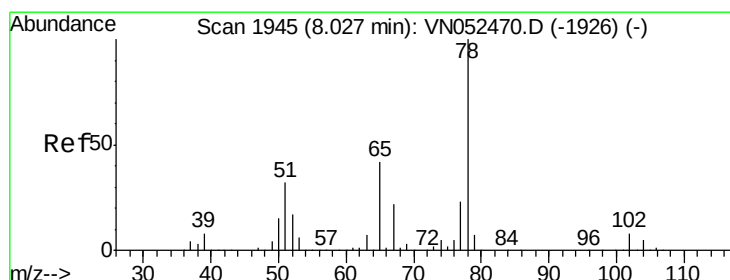
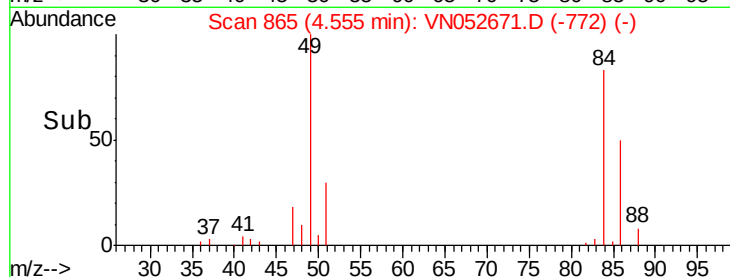
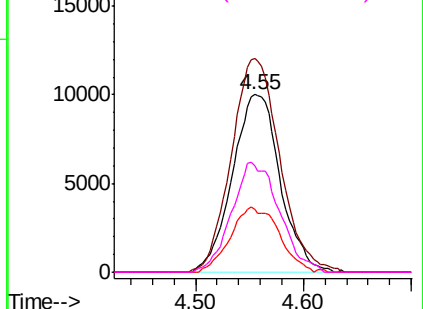


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052671.D

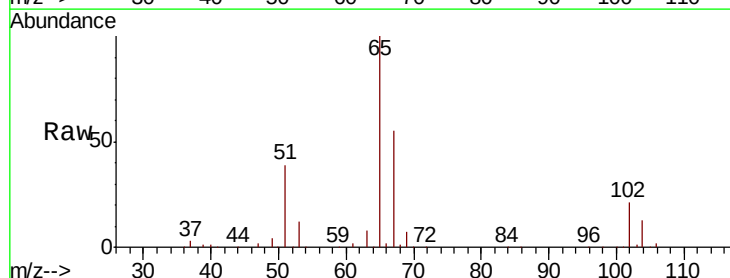
Acq: 5 Dec 2018 12:53

Tgt Ion: 65 Resp: 620435

Ion Ratio Lower Upper

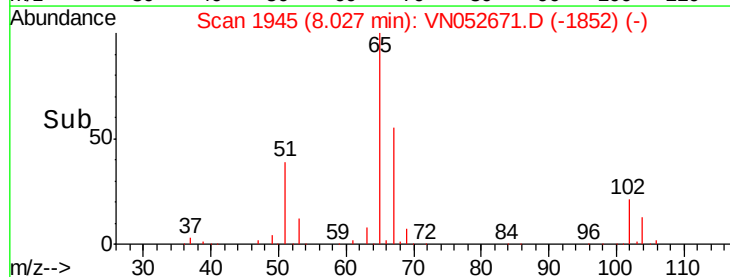
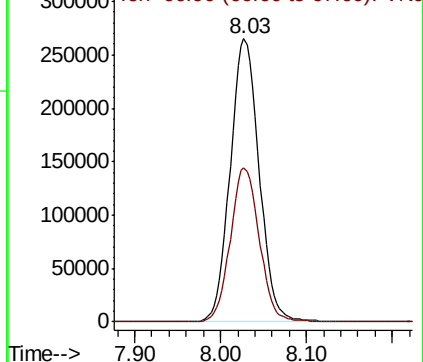
65 100

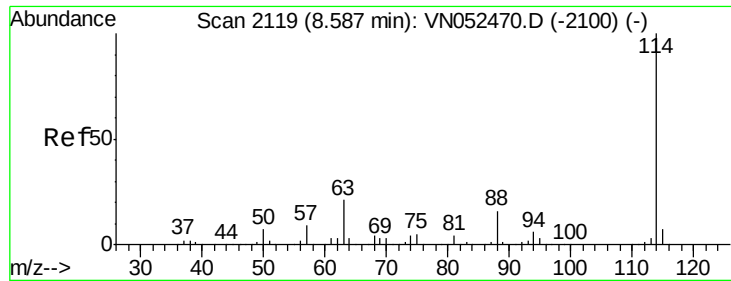
67 54.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

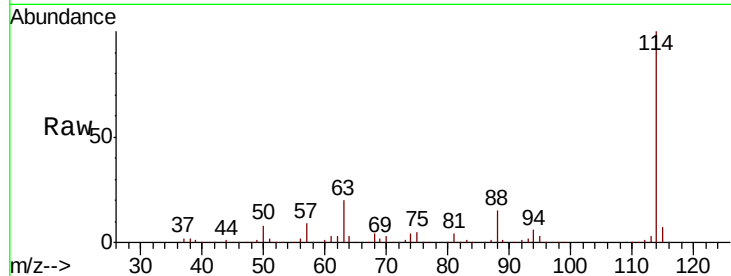




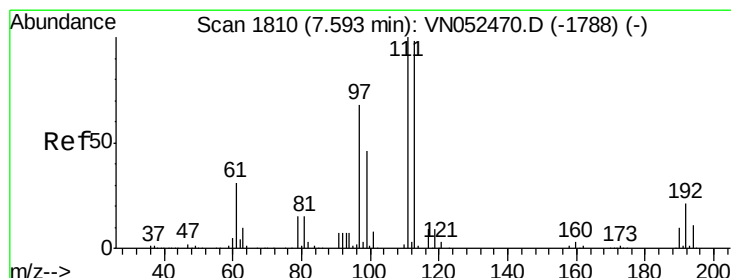
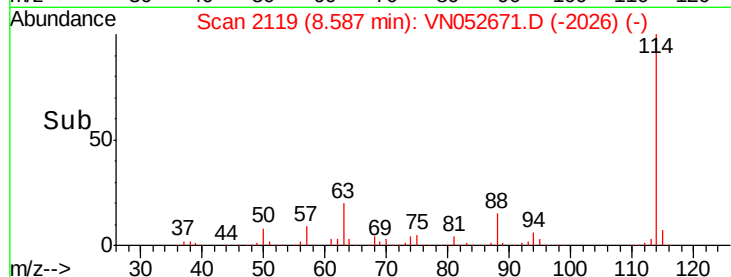
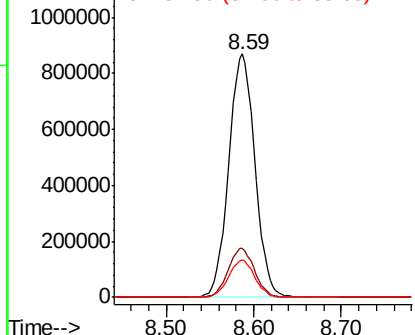
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

Tot Ion:114 Resp: 1804219
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 15.2 0.0 31.6

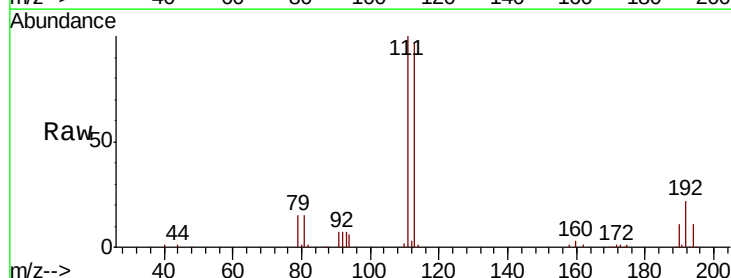


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

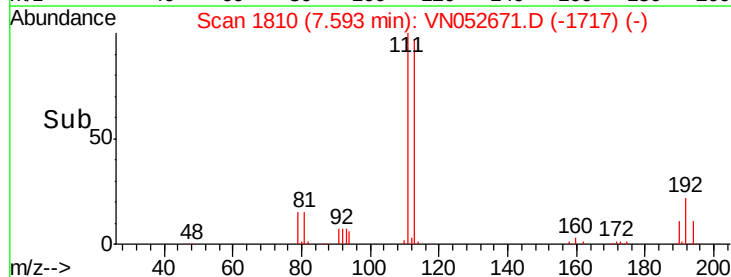
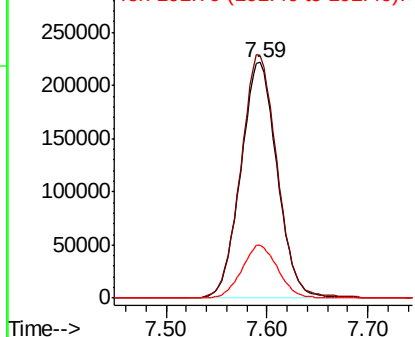


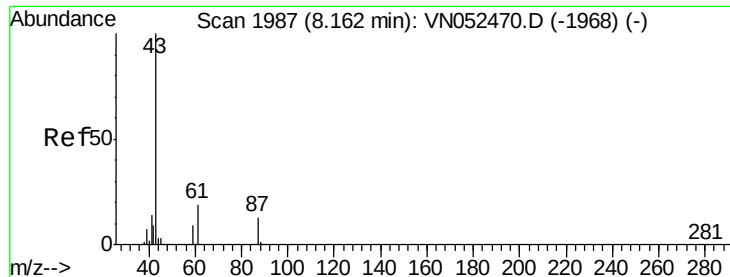
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion:113 Resp: 553916
Ion Ratio Lower Upper
113 100
111 103.6 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: 2.807 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

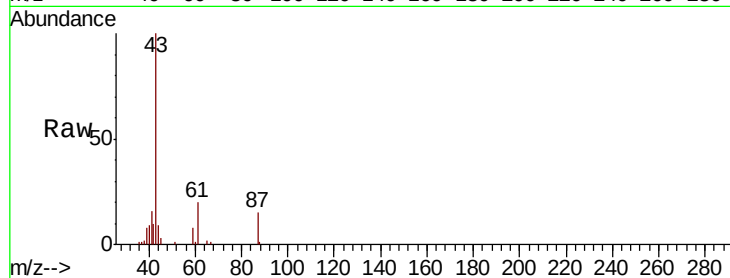
Tot Ion: 43 Resp: 49402

Ion Ratio Lower Upper

43 100

61 16.0 24.1 36.1#

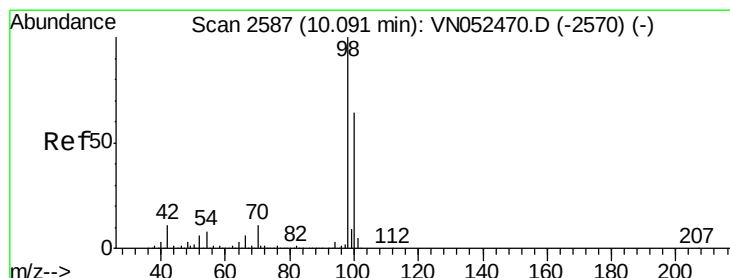
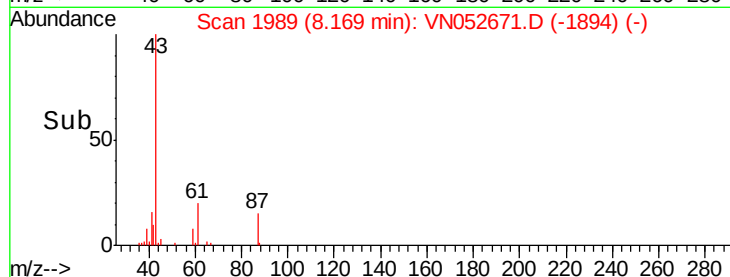
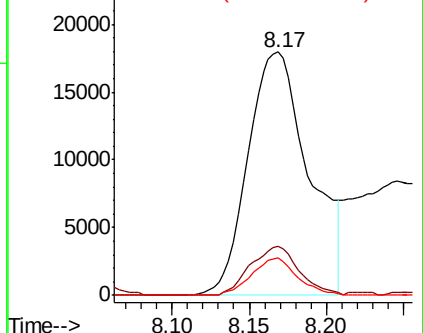
87 11.4 10.6 15.8



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: VN052671.D

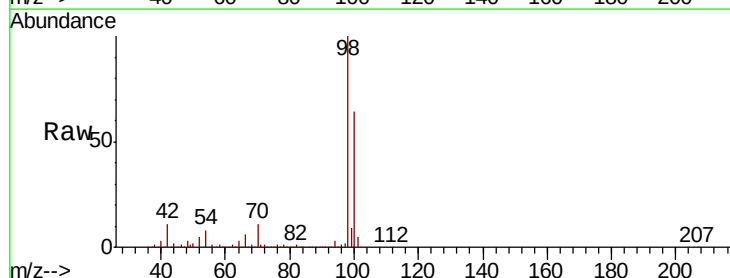
Acq: 5 Dec 2018 12:53

Tgt Ion: 98 Resp: 2209285

Ion Ratio Lower Upper

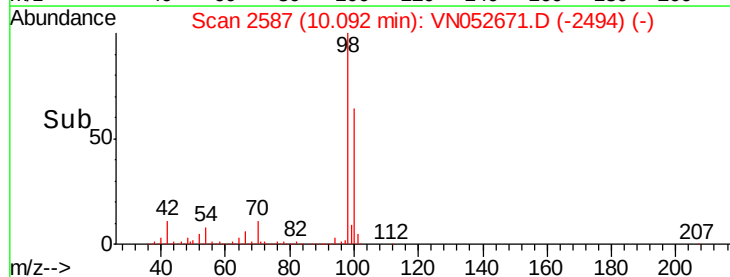
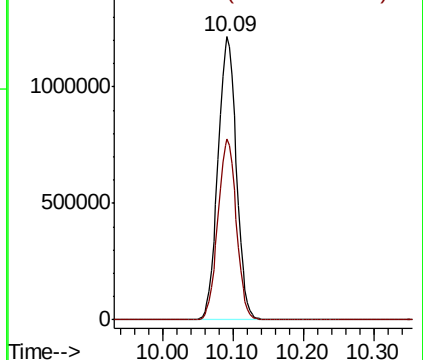
98 100

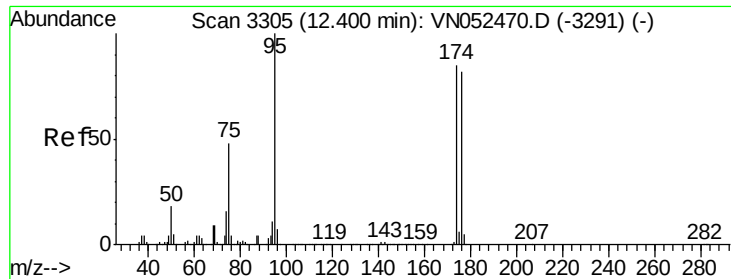
100 63.6 51.3 76.9



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

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

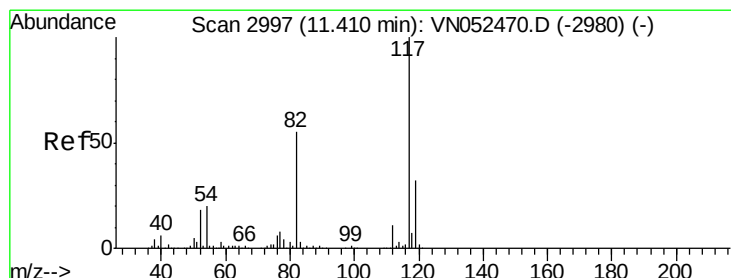
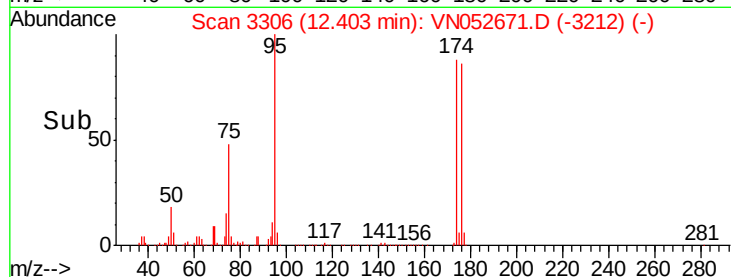
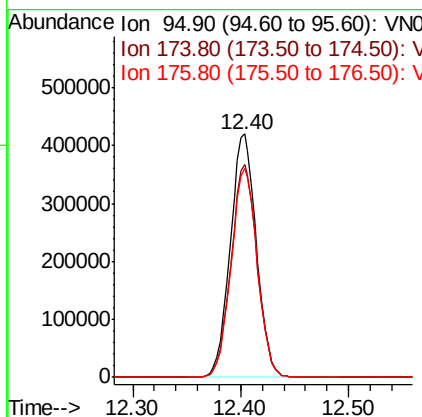
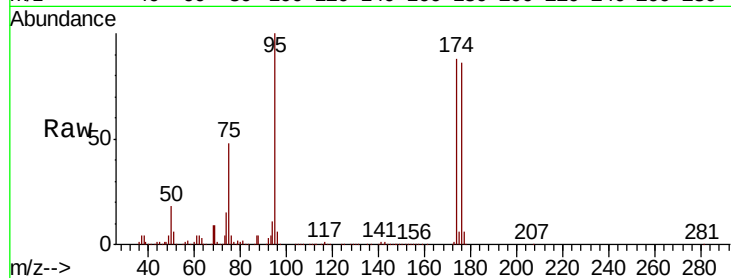




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

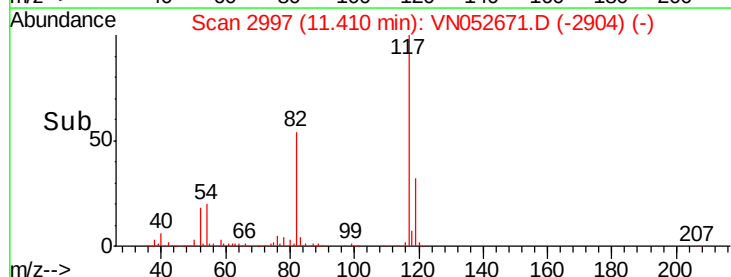
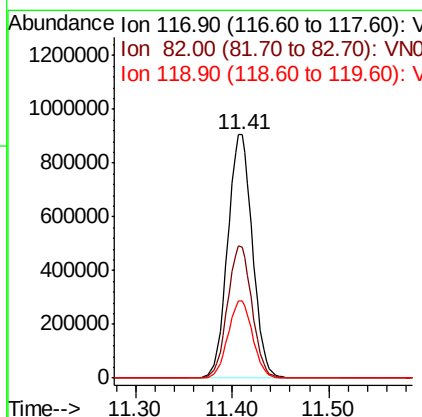
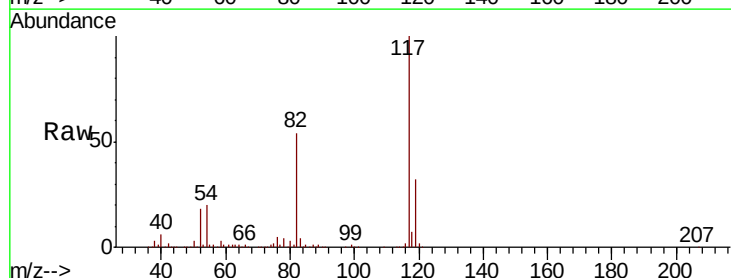
Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

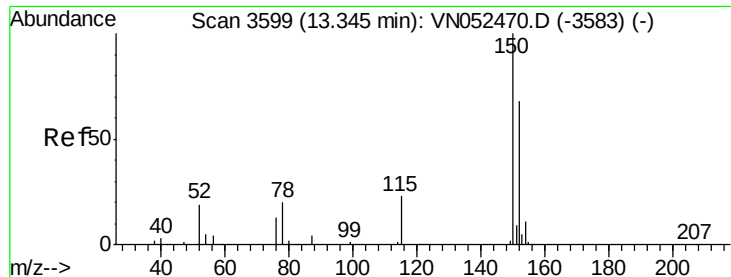
Tot Ion: 95 Resp: 705849
Ion Ratio Lower Upper
95 100
174 87.7 0.0 173.0
176 85.9 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion: 117 Resp: 1603775
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.0 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: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

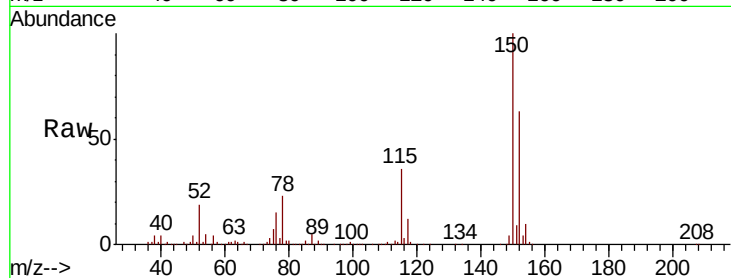
Tot Ion:152 Resp: 615077

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

150 158.0 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

