

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052635.D
 Acq On : 3 Dec 2018 16:56
 Operator : MD\SY
 Sample : PB115231ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#06

Quant Time: Dec 04 01:20:45 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

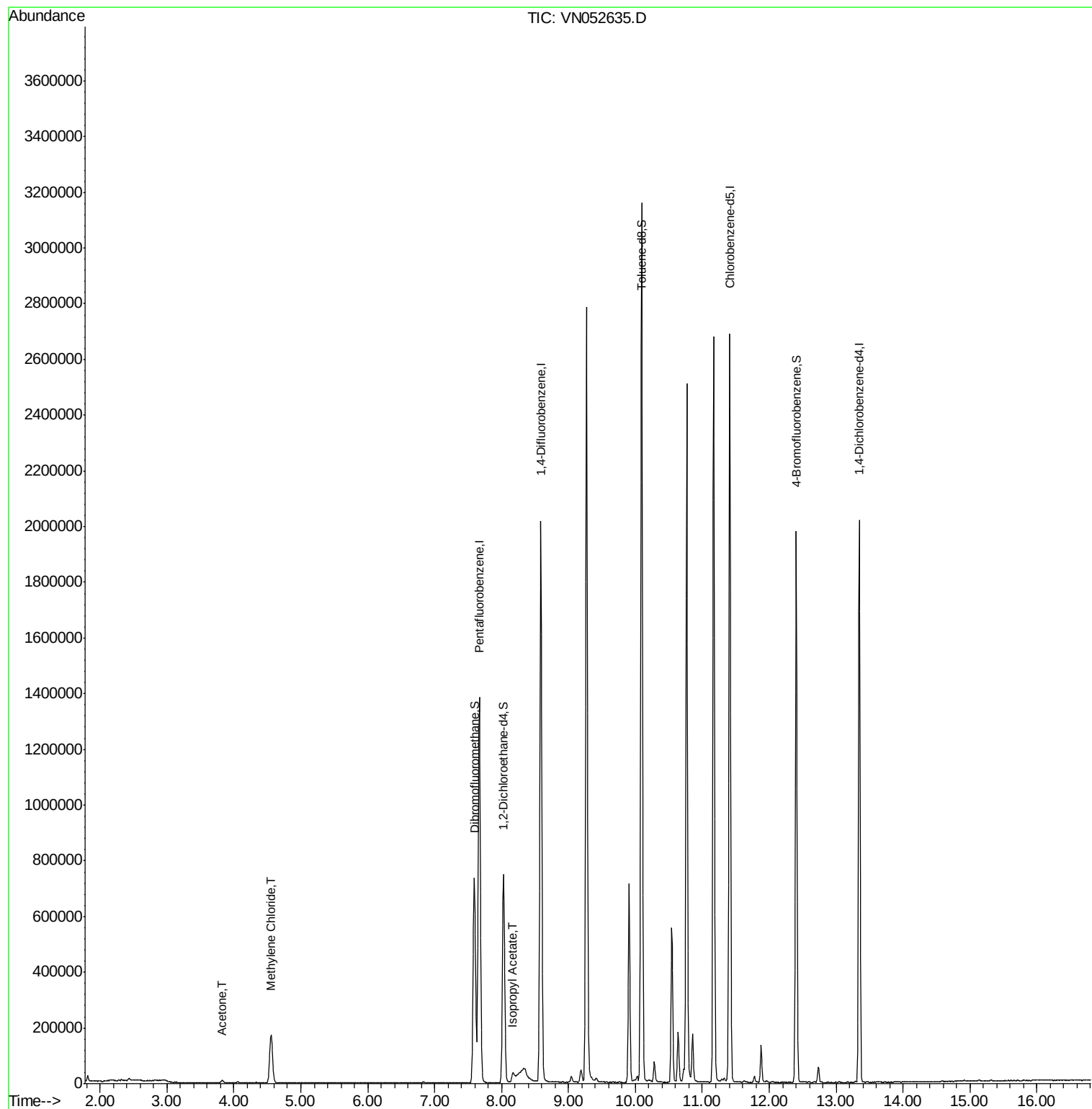
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1203310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1861860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1596827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	565477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	633077	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	7.59	113	572666	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.09	98	2273068	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	683414	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	3.82	43	15671	4.535	ug/l	98
20) Methylene Chloride	4.56	84	134098	9.916	ug/l	97
43) Isopropyl Acetate	8.17	43	55713	3.068	ug/l #	80

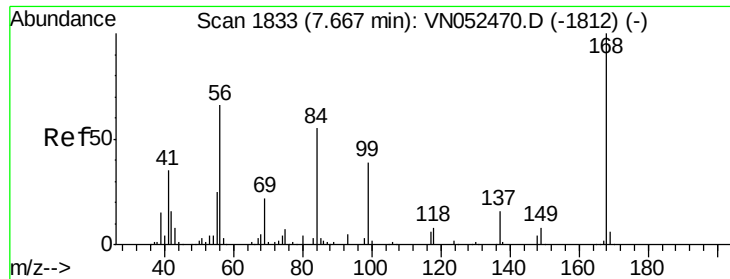
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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ClientSampleId :

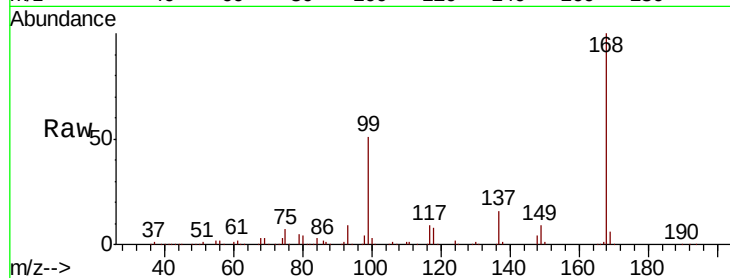
PB115231ZHE#06

Tot Ion:168 Resp: 1203310

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

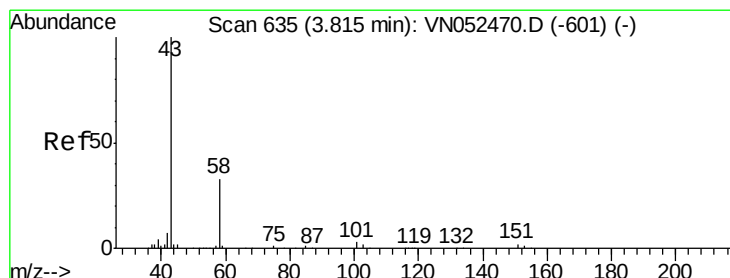
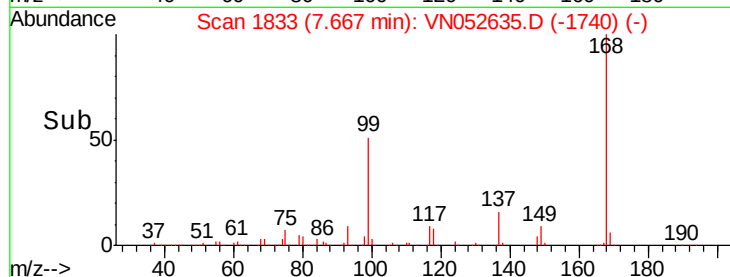
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.535 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052635.D

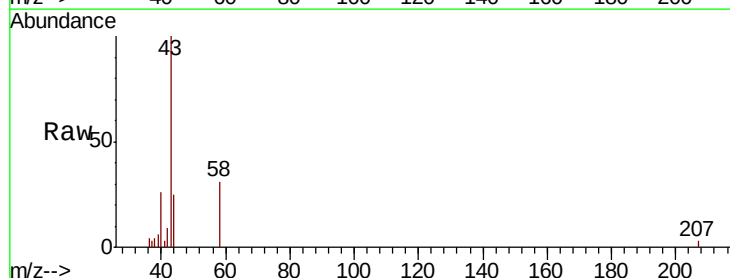
Acq: 3 Dec 2018 16:56

Tgt Ion: 43 Resp: 15671

Ion Ratio Lower Upper

43 100

58 31.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

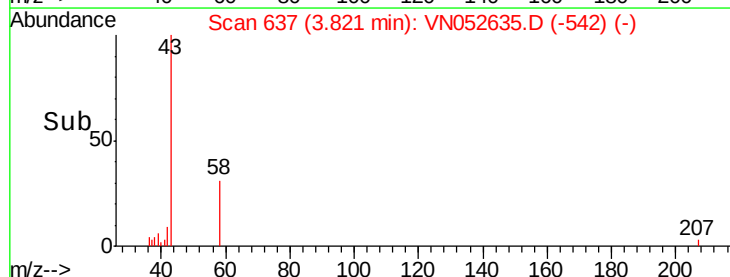
6000

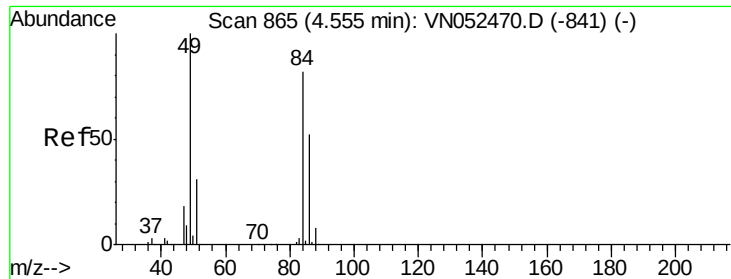
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

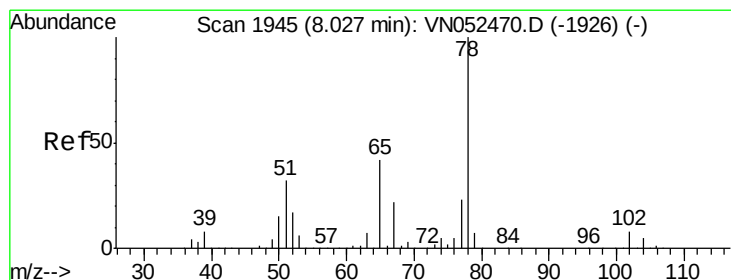
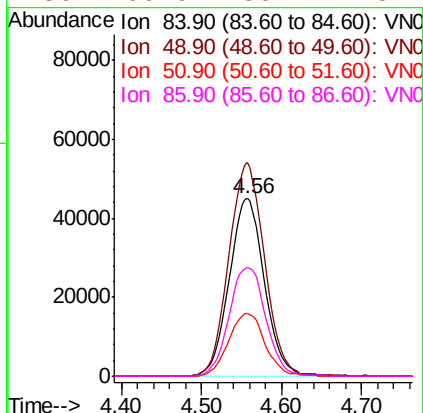
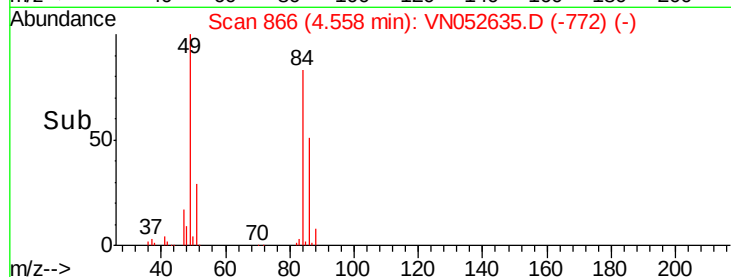
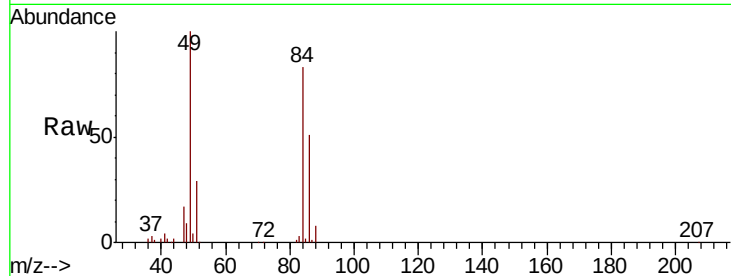




#20
Methylene Chloride
Concen: 9.916 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052635.D
Acq: 3 Dec 2018 16:56

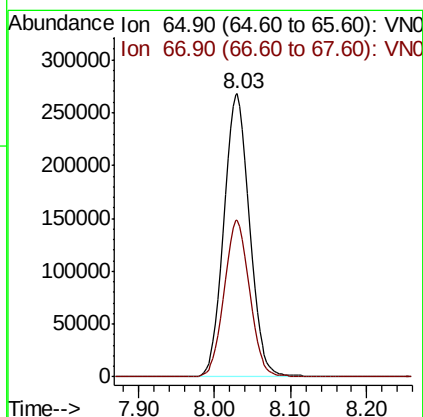
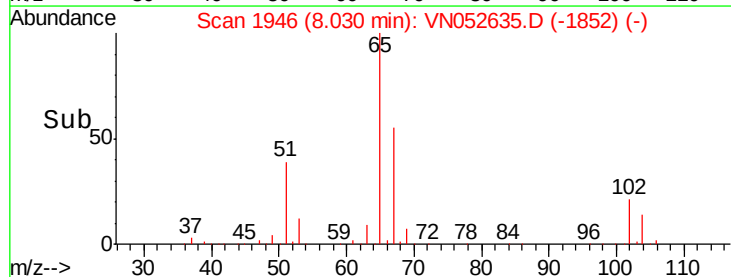
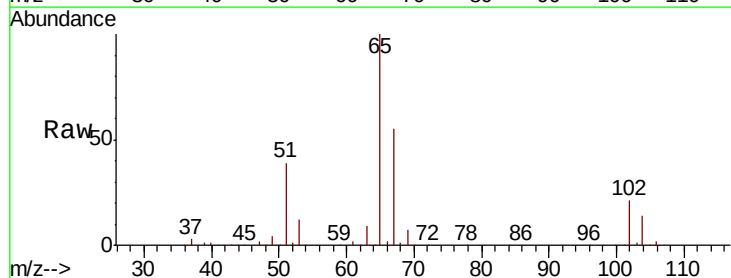
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#06

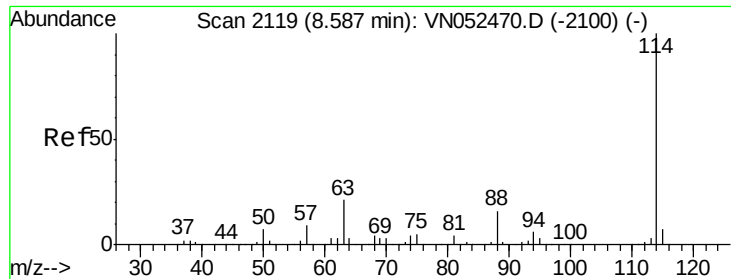
Tot Ion: 84 Resp: 134098
Ion Ratio Lower Upper
84 100
49 120.2 98.0 147.0
51 35.0 30.1 45.1
86 60.9 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052635.D
Acq: 3 Dec 2018 16:56

Tgt Ion: 65 Resp: 633077
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.8

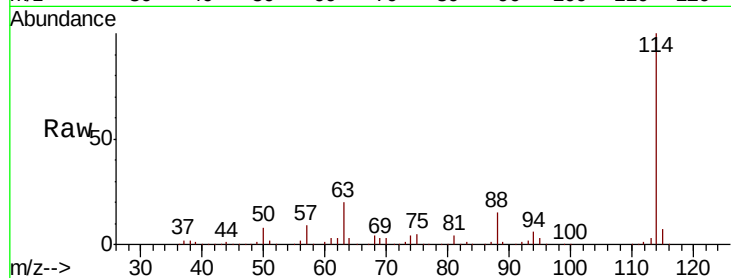




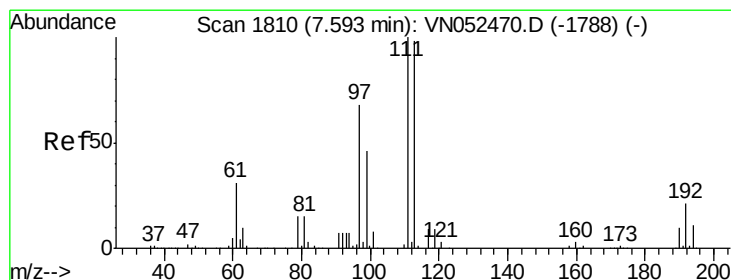
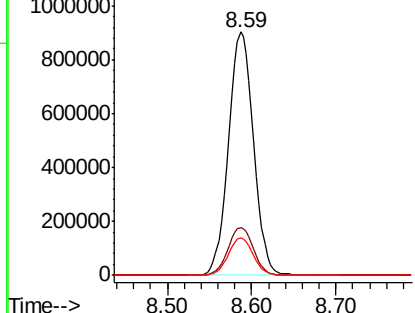
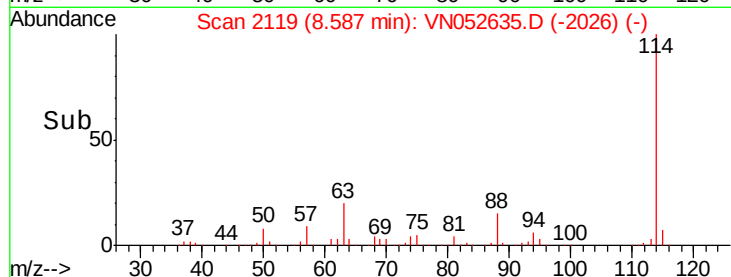
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052635.D
 Acq: 3 Dec 2018 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#06

Tot Ion:114 Resp: 1861860
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.8
 88 15.4 0.0 31.6

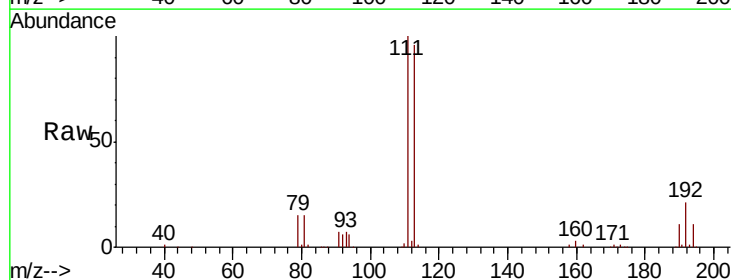


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

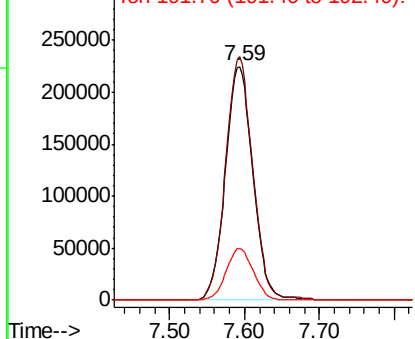
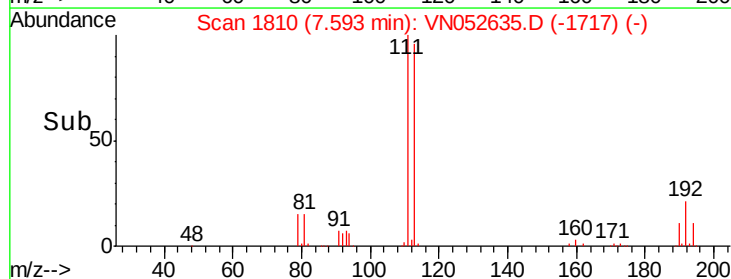


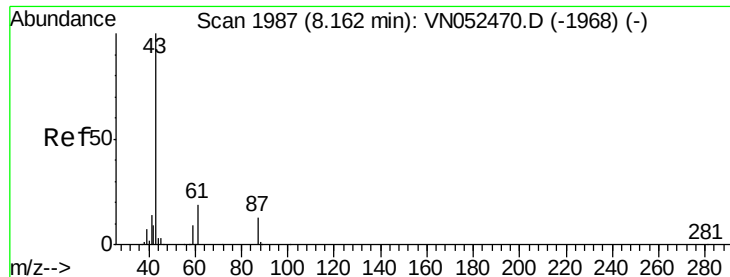
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052635.D
 Acq: 3 Dec 2018 16:56

Tgt Ion:113 Resp: 572666
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 22.0 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: 3.068 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052635.D

Acq: 3 Dec 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#06

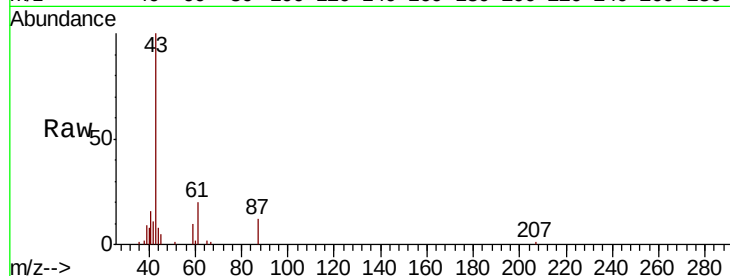
Tot Ion: 43 Resp: 55713

Ion Ratio Lower Upper

43 100

61 16.4 24.1 36.1#

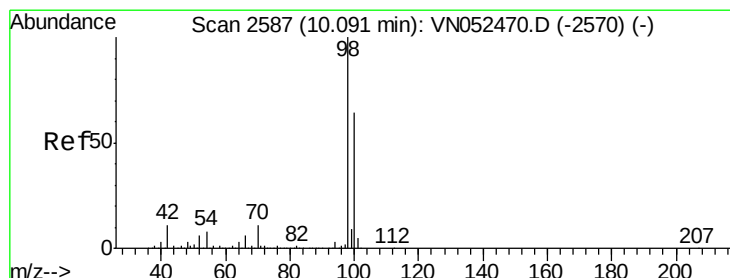
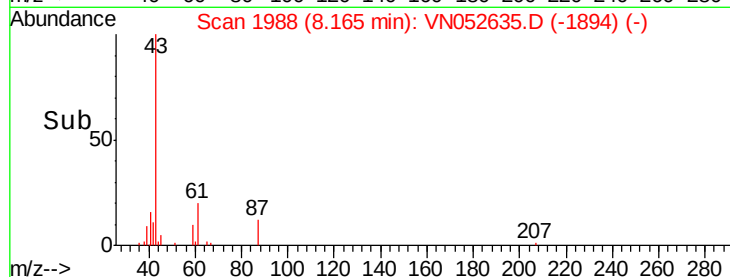
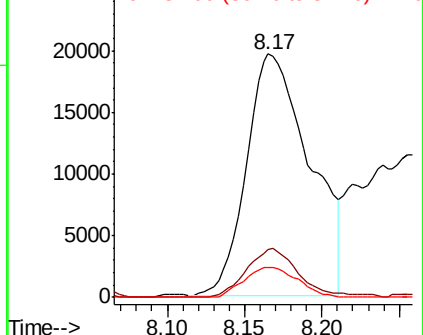
87 10.4 10.6 15.8#



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: VN052635.D

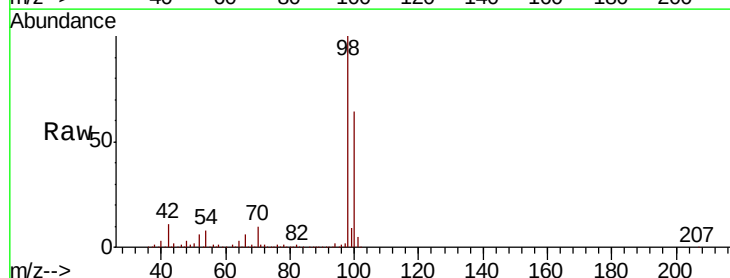
Acq: 3 Dec 2018 16:56

Tgt Ion: 98 Resp: 2273068

Ion Ratio Lower Upper

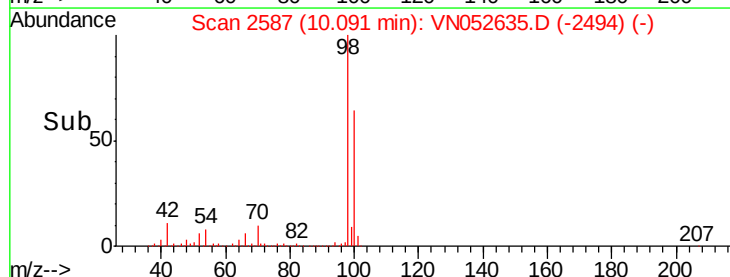
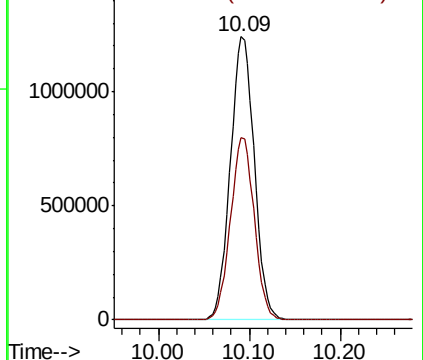
98 100

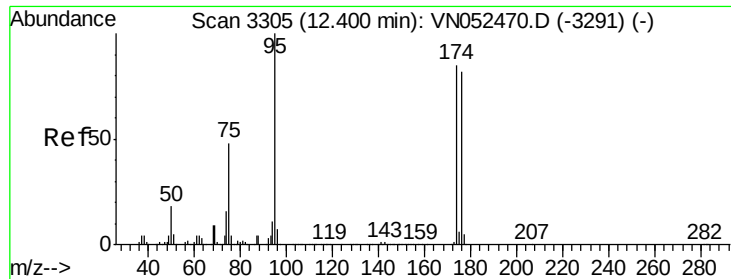
100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

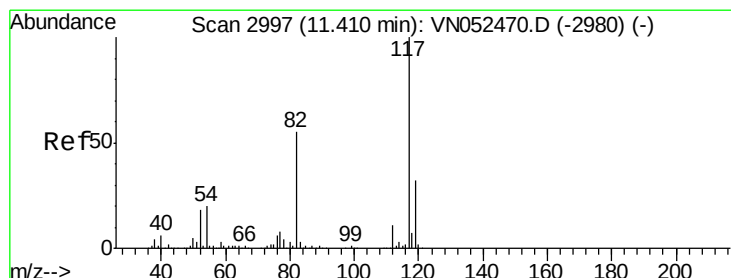
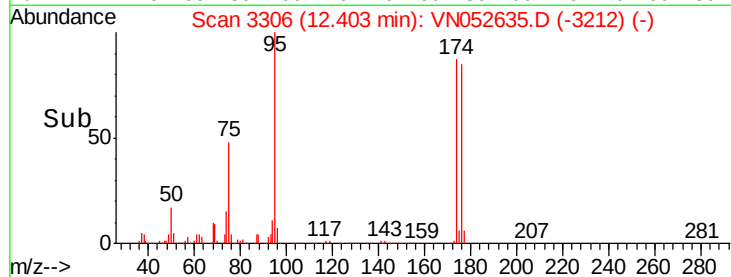
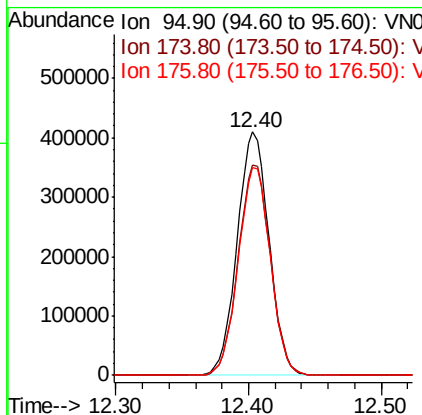
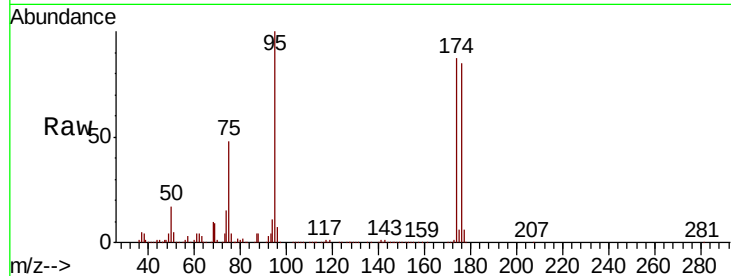




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052635.D
Acq: 3 Dec 2018 16:56

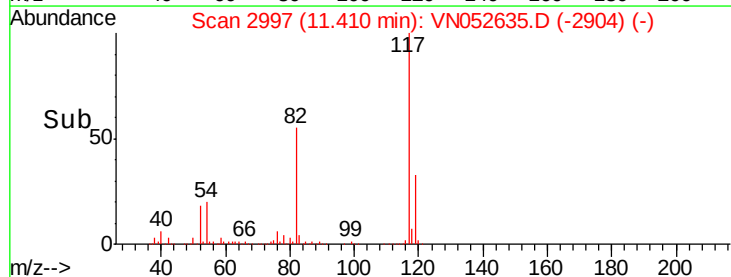
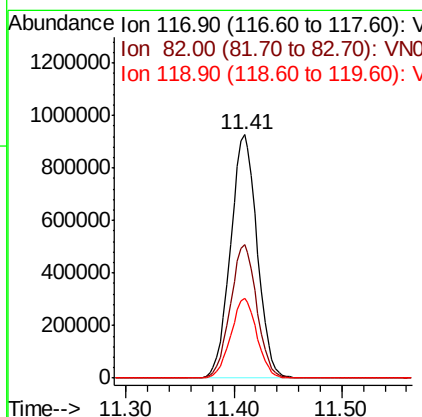
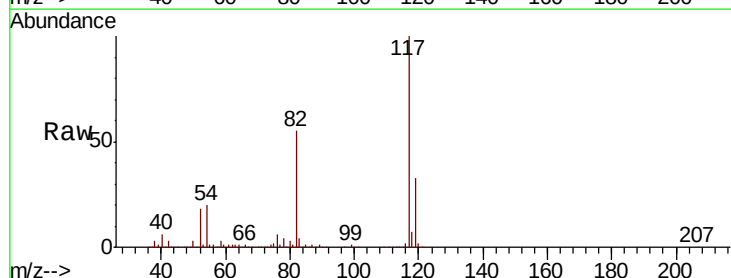
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#06

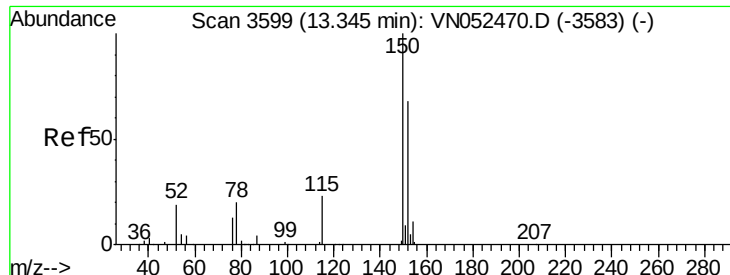
Tot Ion: 95 Resp: 683414
Ion Ratio Lower Upper
95 100
174 87.6 0.0 173.0
176 85.9 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052635.D
Acq: 3 Dec 2018 16:56

Tgt Ion: 117 Resp: 1596827
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.6 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: VN052635.D

Acq: 3 Dec 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#06

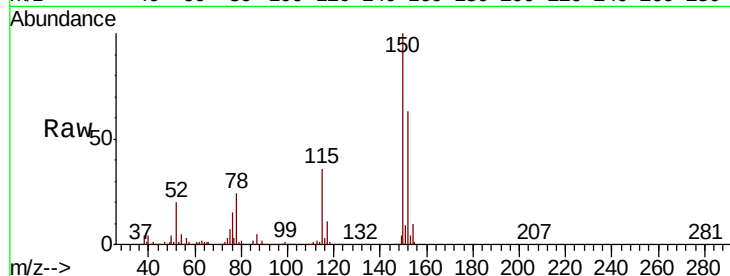
Tot Ion:152 Resp: 565477

Ion Ratio Lower Upper

152 100

115 56.3 28.4 85.2

150 156.7 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

