

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052658.D
 Acq On : 4 Dec 2018 16:54
 Operator : MD\SY
 Sample : PB115293ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115293ZHE#04

Quant Time: Dec 05 04:03:57 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

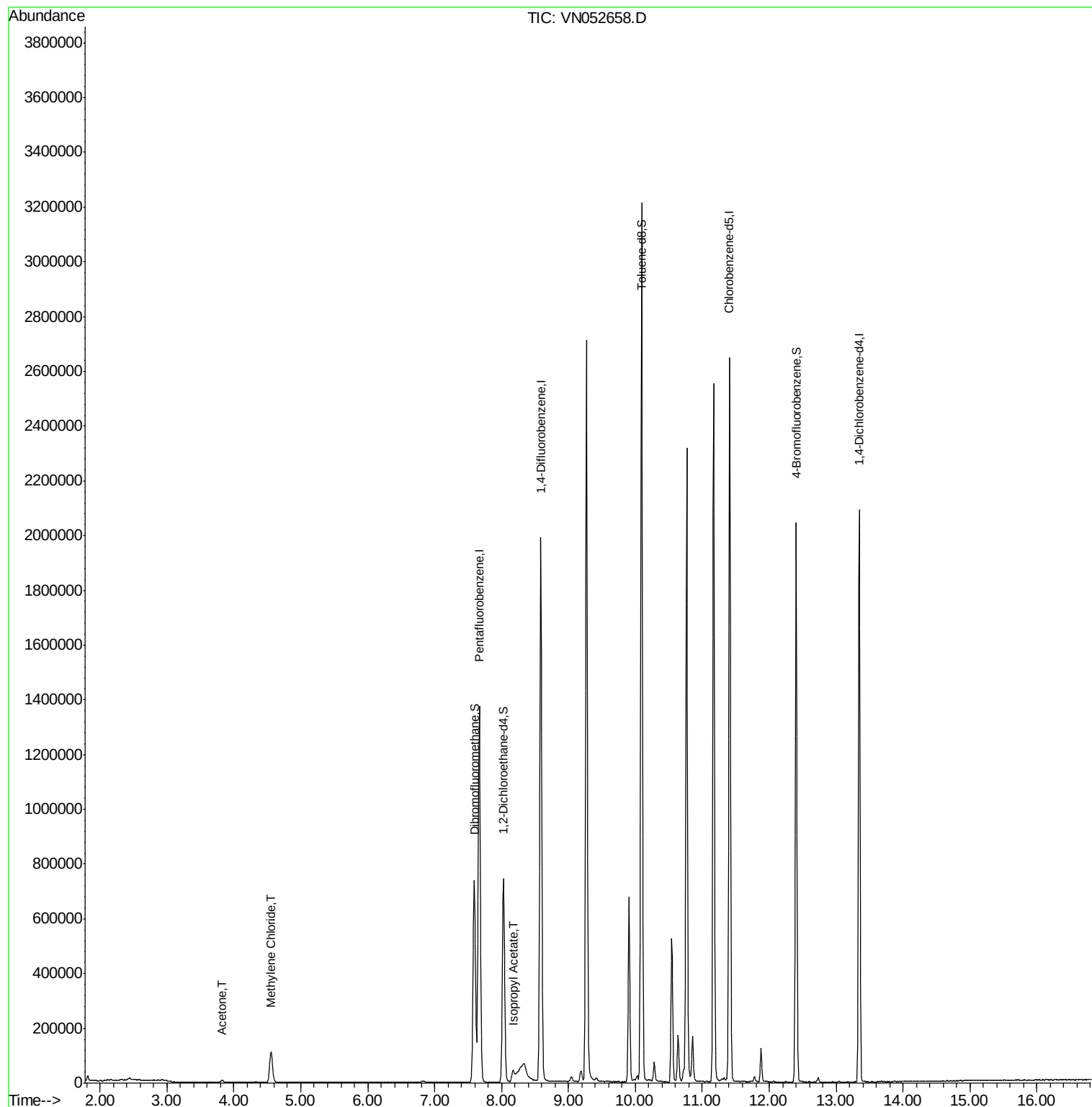
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1190369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1848340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1621799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	578509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	629908	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	568234	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.09	98	2263676	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	693856	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
16) Acetone	3.82	43	15411	4.508	ug/l #	88
20) Methylene Chloride	4.55	84	85847	6.417	ug/l	91
43) Isopropyl Acetate	8.17	43	68070	3.776	ug/l #	75

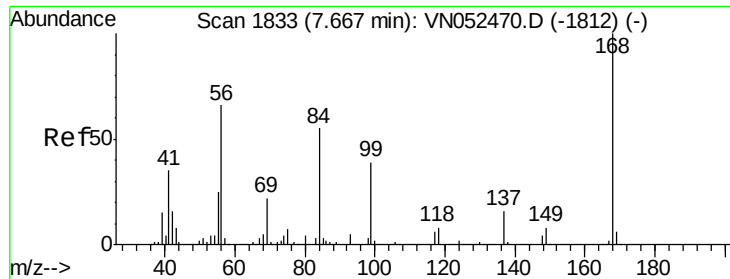
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
Data File : VN052658.D
Acq On : 4 Dec 2018 16:54
Operator : MD\SY
Sample : PB115293ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115293ZHE#04

Quant Time: Dec 05 04:03:57 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: VN052658.D

Acq: 4 Dec 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

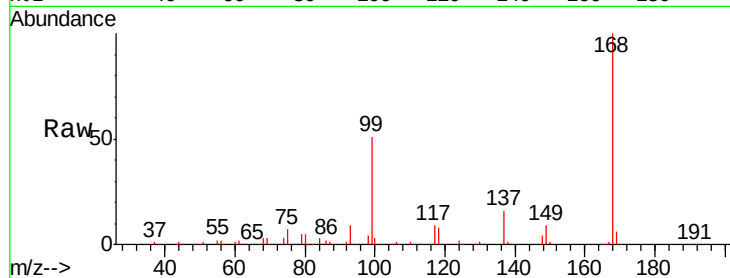
PB115293ZHE#04

Tgt Ion:168 Resp: 1190369

Ion Ratio Lower Upper

168 100

99 51.2 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

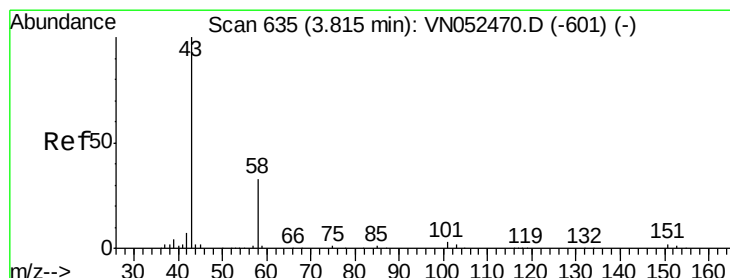
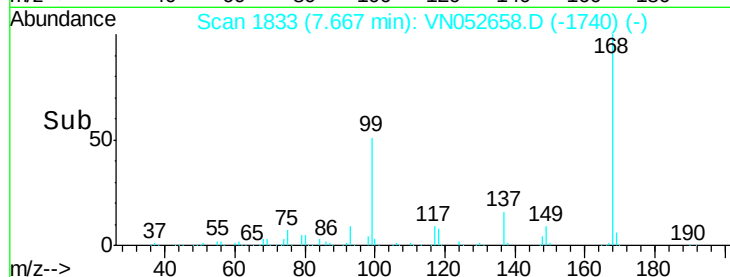
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 4.508 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052658.D

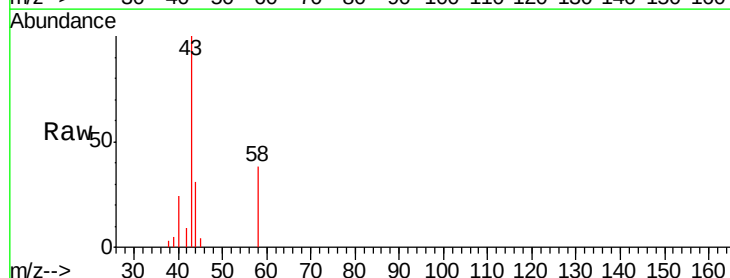
Acq: 4 Dec 2018 16:54

Tgt Ion: 43 Resp: 15411

Ion Ratio Lower Upper

43 100

58 39.2 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

5000

4000

3000

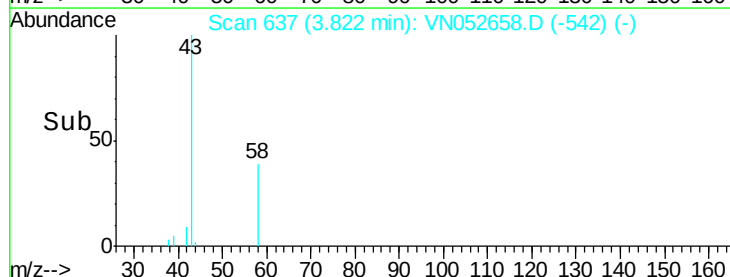
2000

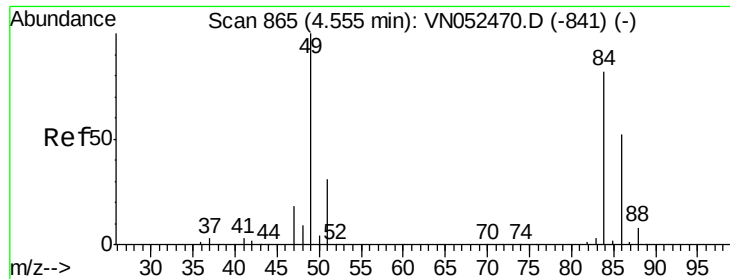
1000

0

3.70 3.80 3.90

Time-->

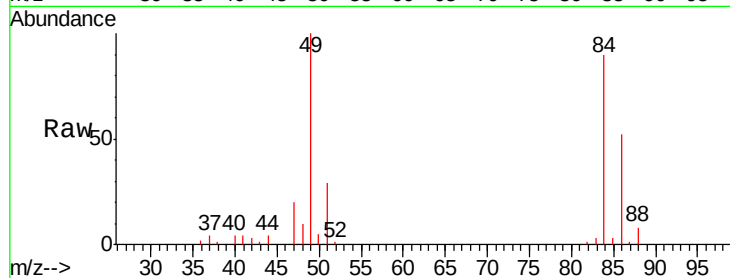




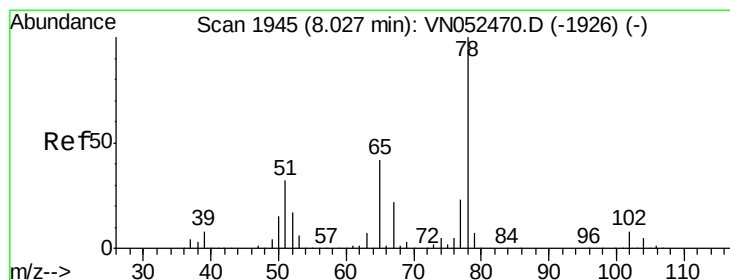
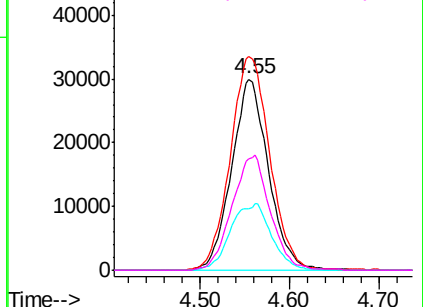
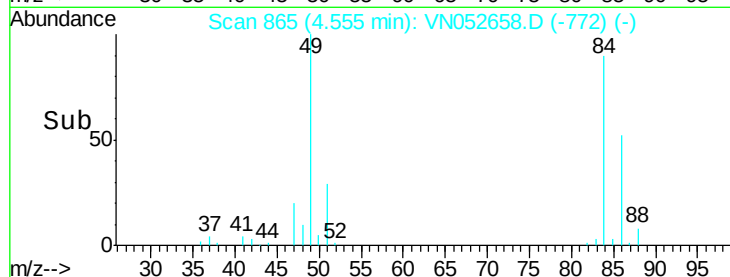
#20
Methylene Chloride
Concen: 6.417 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052658.D
Acq: 4 Dec 2018 16:54

Instrument :
MSVOA_N
ClientSampleId :
PB115293ZHE#04

Tgt Ion: 84 Resp: 85847
Ion Ratio Lower Upper
84 100
49 111.6 98.0 147.0
51 32.3 30.1 45.1
86 58.1 50.7 76.1

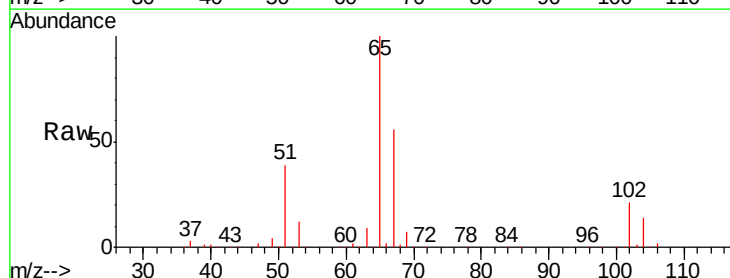


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

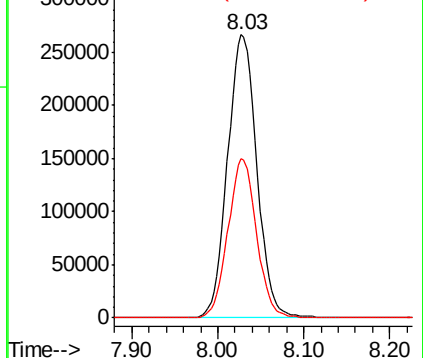
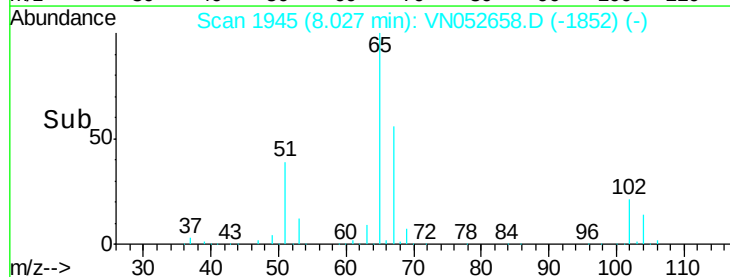


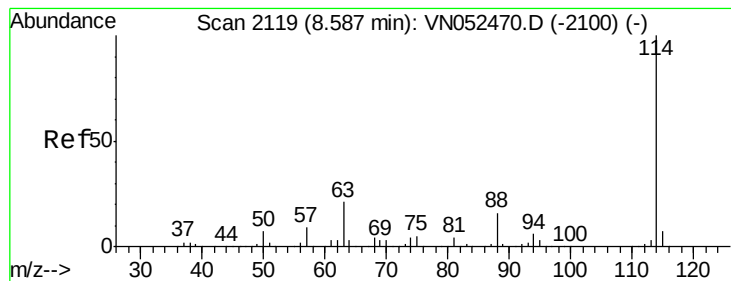
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052658.D
Acq: 4 Dec 2018 16:54

Tgt Ion: 65 Resp: 629908
Ion Ratio Lower Upper
65 100
67 54.8 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: VN052658.D

Acq: 4 Dec 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

PB115293ZHE#04

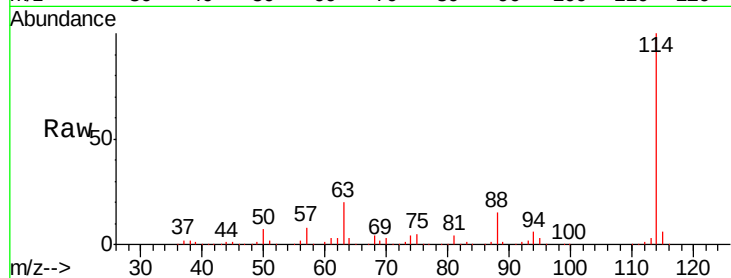
Tgt Ion:114 Resp: 1848340

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.8

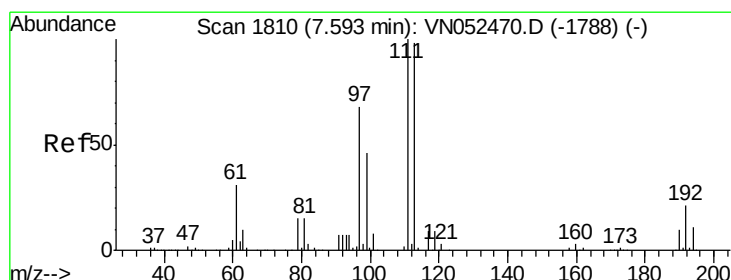
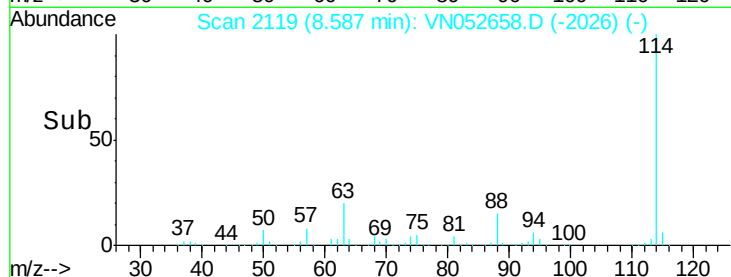
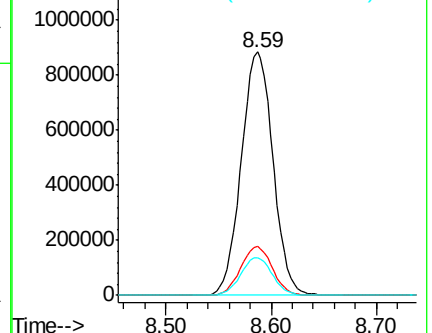
88 15.5 0.0 31.6



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# 1810

Delta R.T. 0.00 min

Lab File: VN052658.D

Acq: 4 Dec 2018 16:54

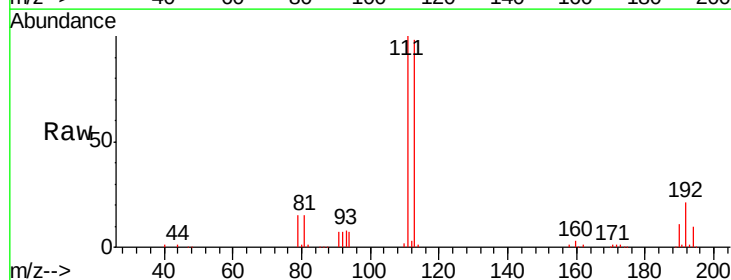
Tgt Ion:113 Resp: 568234

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

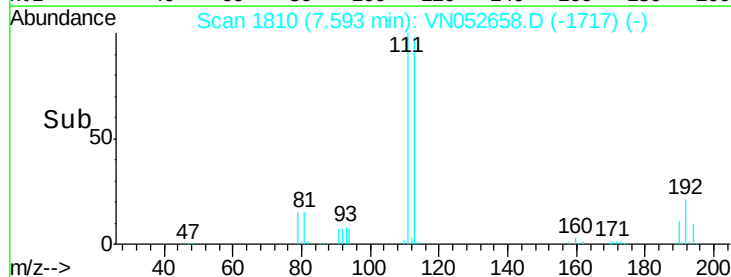
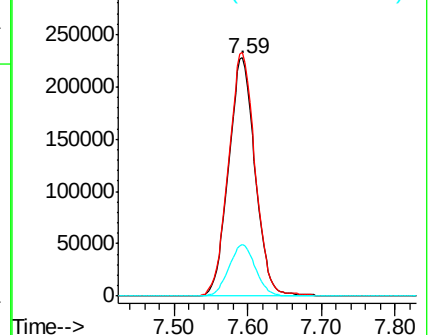
192 21.7 17.0 25.6

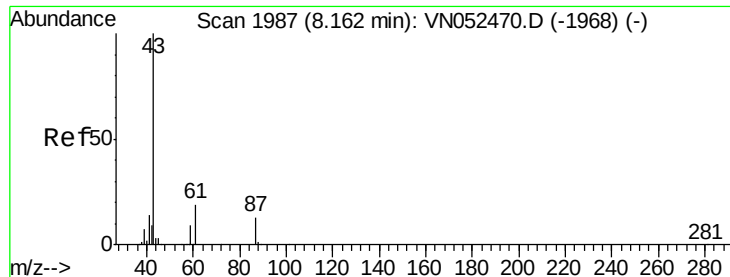


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.776 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052658.D

Acq: 4 Dec 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

PB115293ZHE#04

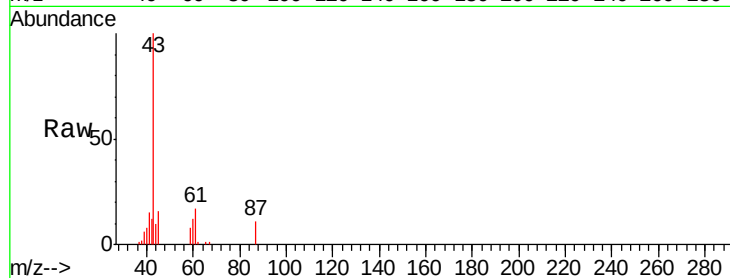
Tgt Ion: 43 Resp: 68070

Ion Ratio Lower Upper

43 100

61 13.4 24.1 36.1#

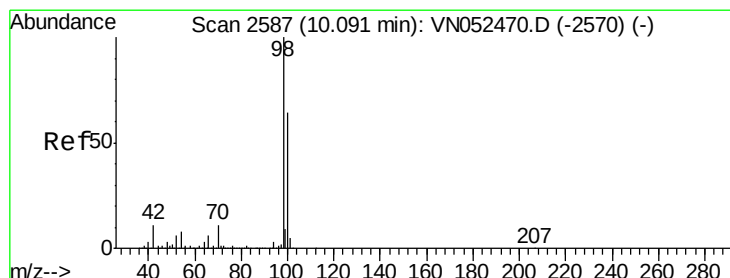
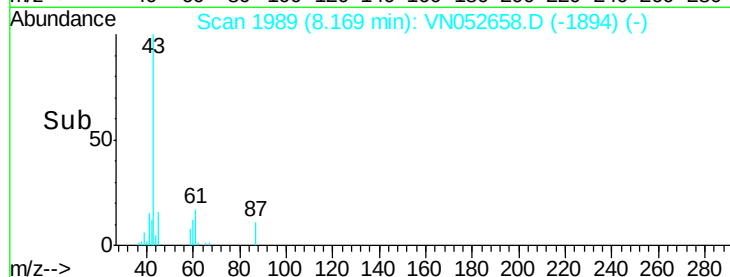
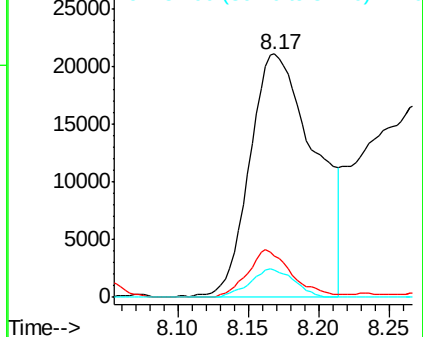
87 7.8 10.6 15.8#



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: VN052658.D

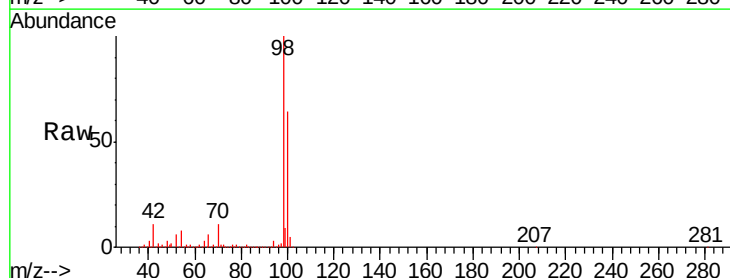
Acq: 4 Dec 2018 16:54

Tgt Ion: 98 Resp: 2263676

Ion Ratio Lower Upper

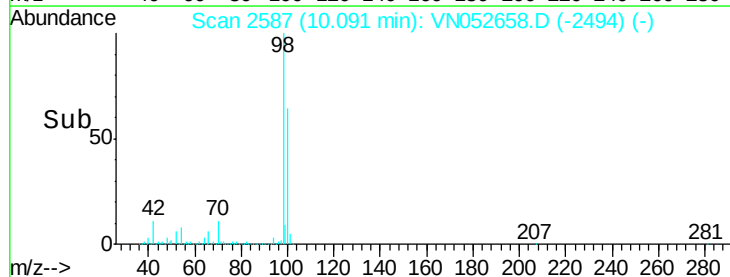
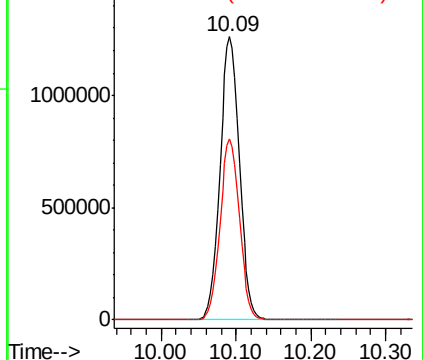
98 100

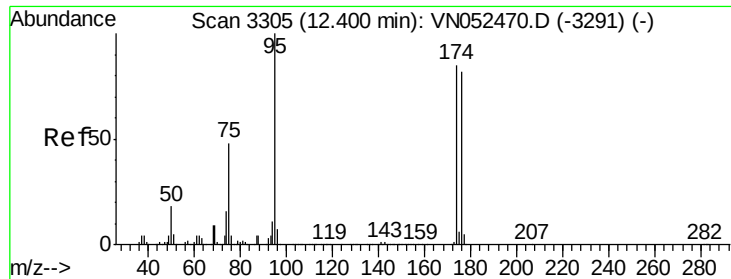
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

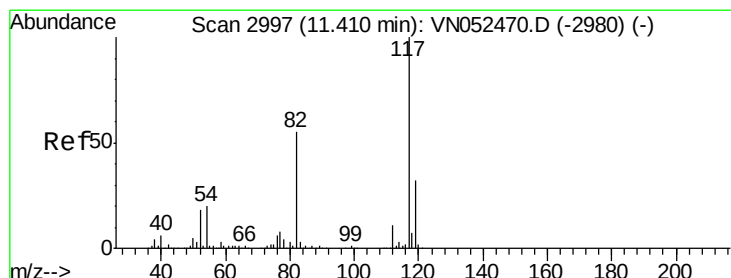
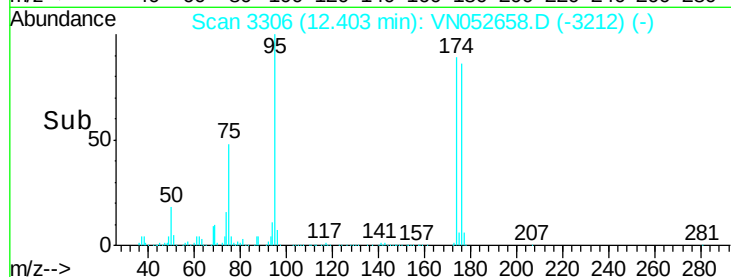
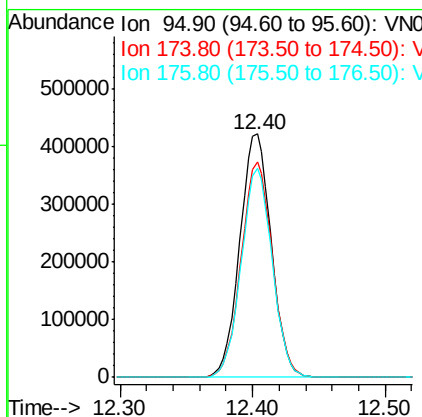
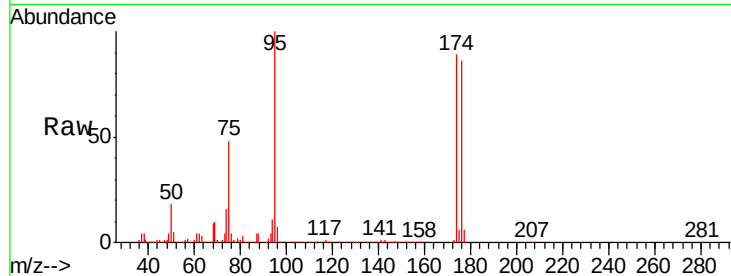




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052658.D
Acq: 4 Dec 2018 16:54

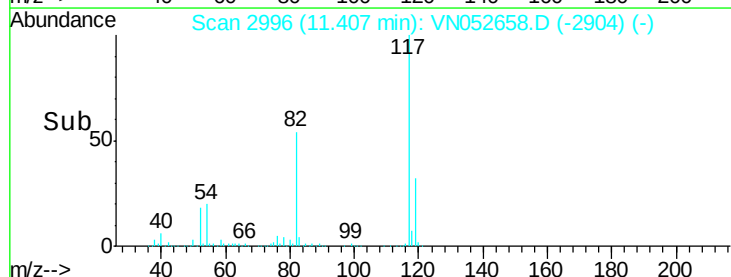
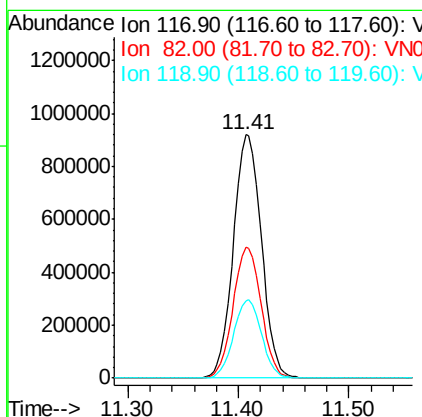
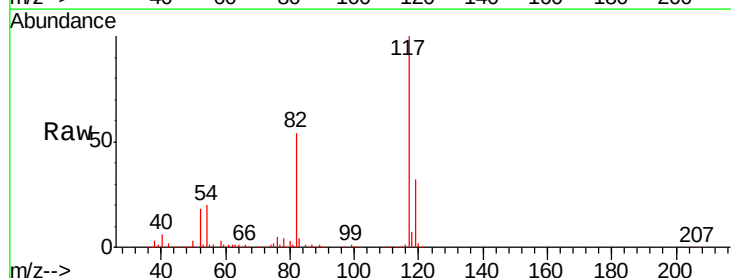
Instrument :
MSVOA_N
ClientSampleId :
PB115293ZHE#04

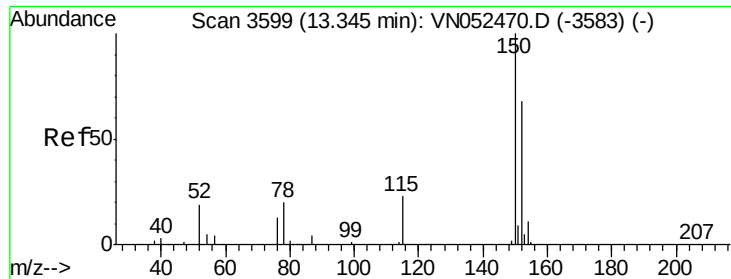
Tgt Ion: 95 Resp: 693856
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.0
176 84.8 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052658.D
Acq: 4 Dec 2018 16:54

Tgt Ion: 117 Resp: 1621799
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 31.9 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: VN052658.D

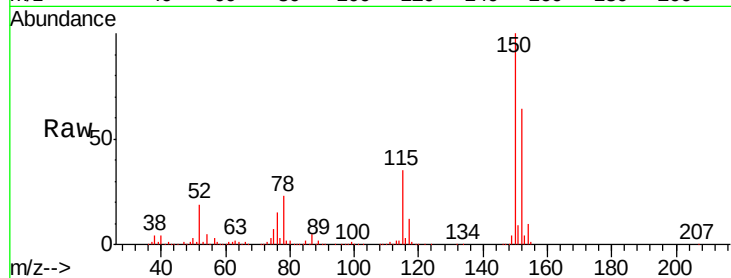
Acq: 4 Dec 2018 16:54

Instrument :

MSVOA_N

ClientSampleId :

PB115293ZHE#04



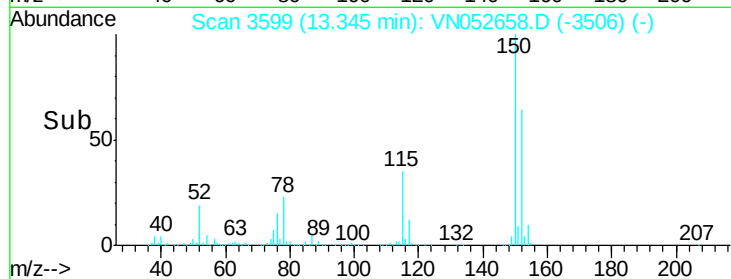
Tgt Ion:152 Resp: 578509

Ion Ratio Lower Upper

152 100

115 55.8 28.4 85.2

150 155.7 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

