

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052677.D
 Acq On : 5 Dec 2018 15:33
 Operator : MD\SY
 Sample : PB115330ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#08

Quant Time: Dec 06 05:40:39 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

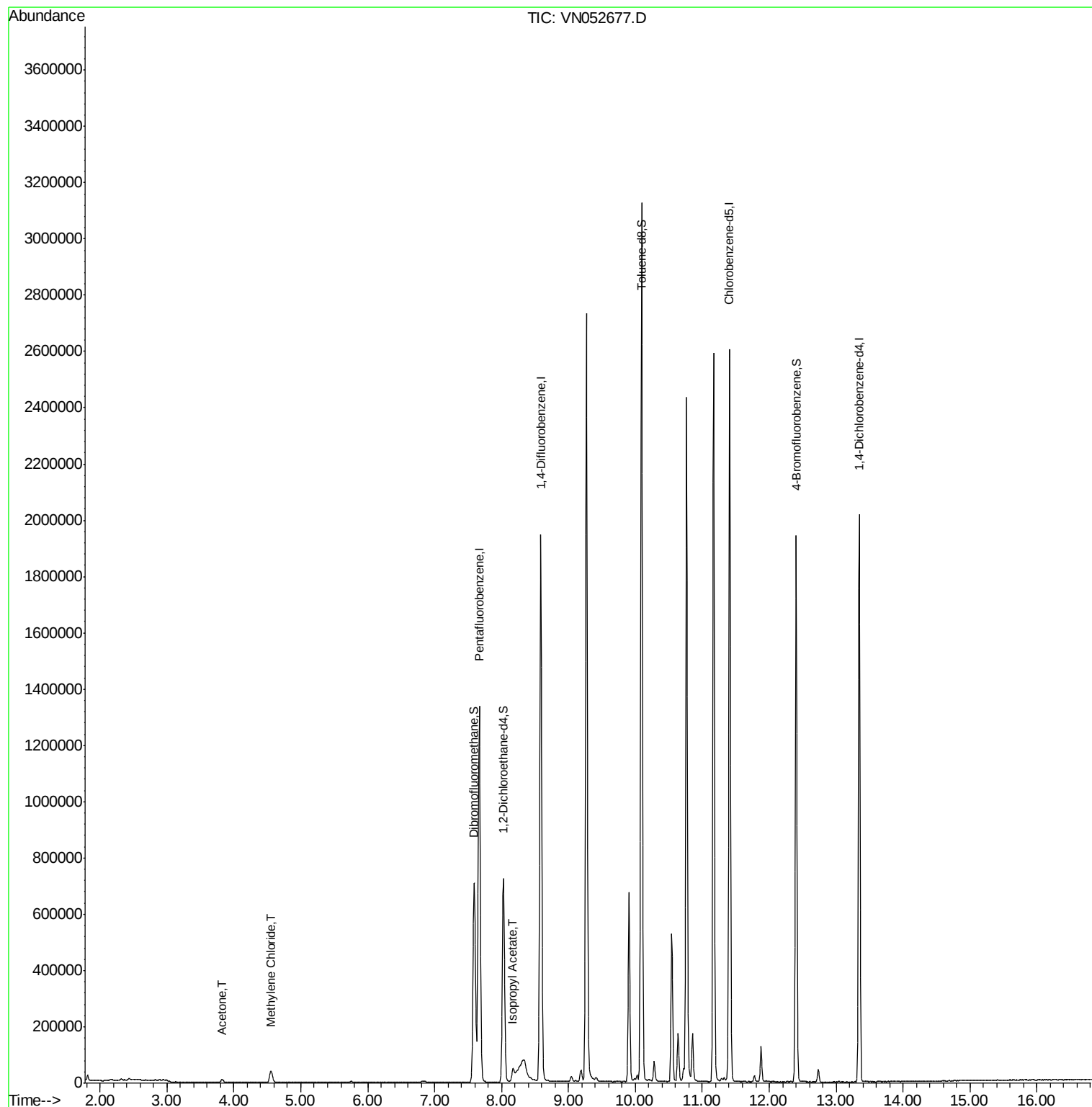
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1163080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1805150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1569960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	565937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	619153	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	556848	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.09	98	2198886	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	674517	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
16) Acetone	3.82	43	18335	5.489	ug/l	99
20) Methylene Chloride	4.56	84	30271	2.316	ug/l	96
43) Isopropyl Acetate	8.17	43	59361	3.372	ug/l #	79

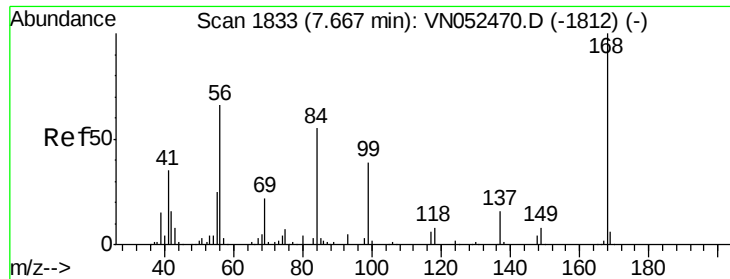
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN052677.D

Acq: 5 Dec 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

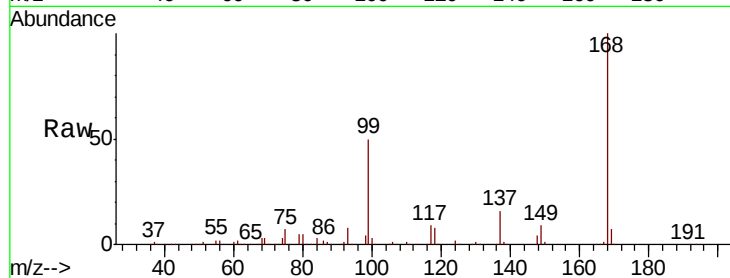
PB115330ZHE#08

Tot Ion:168 Resp: 1163080

Ion Ratio Lower Upper

168 100

99 50.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

500000

400000

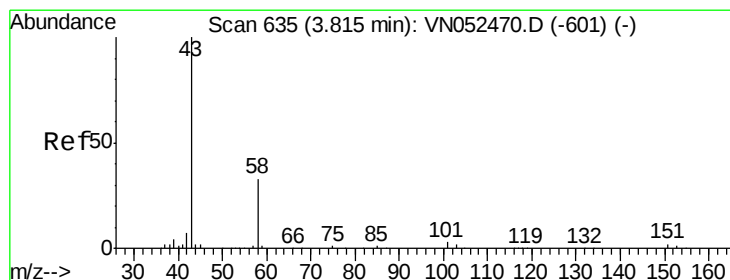
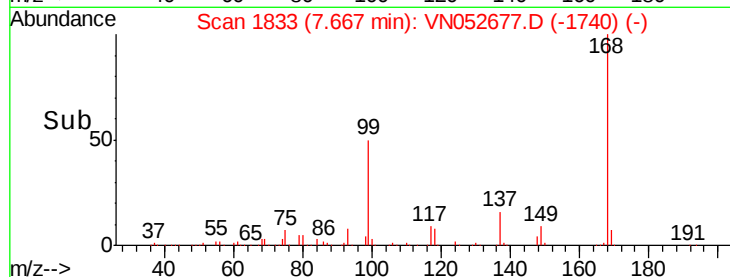
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.489 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052677.D

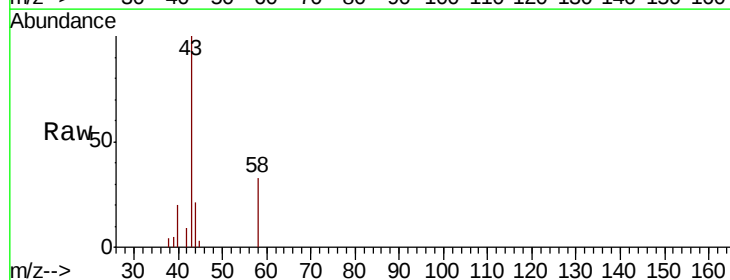
Acq: 5 Dec 2018 15:33

Tgt Ion: 43 Resp: 18335

Ion Ratio Lower Upper

43 100

58 33.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

8000

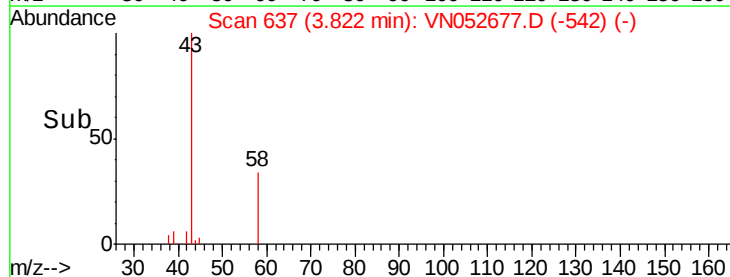
6000

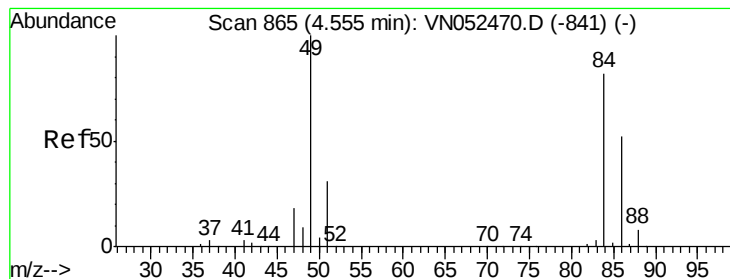
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.316 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052677.D

Acq: 5 Dec 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#08

Tot Ion: 84 Resp: 30271

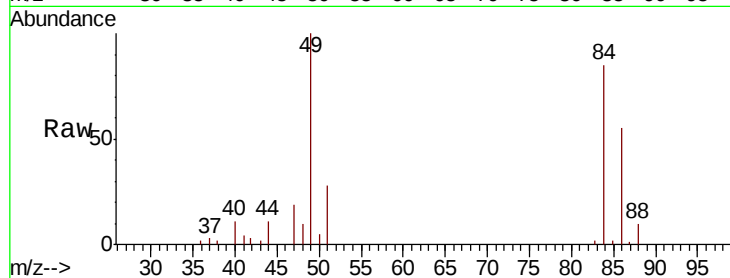
Ion Ratio Lower Upper

84 100

49 117.0 98.0 147.0

51 32.8 30.1 45.1

86 64.2 50.7 76.1

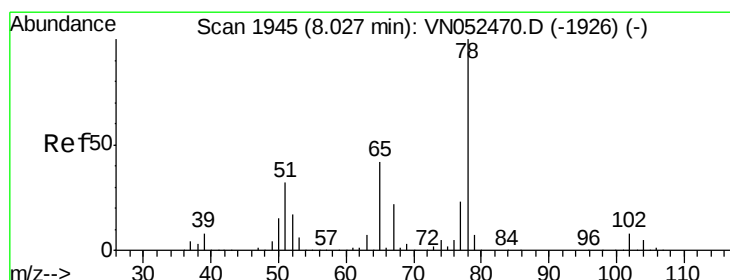
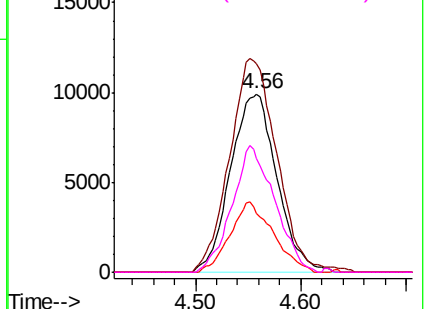
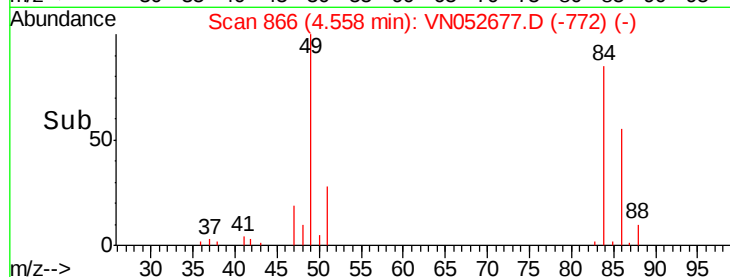


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052677.D

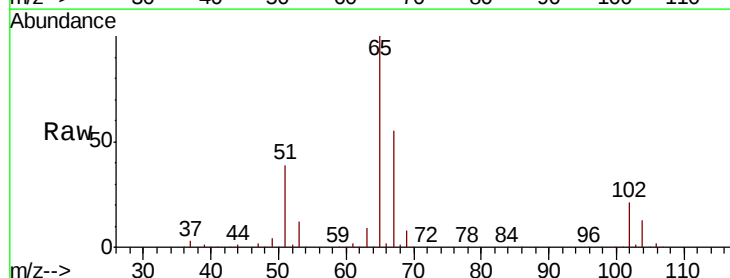
Acq: 5 Dec 2018 15:33

Tgt Ion: 65 Resp: 619153

Ion Ratio Lower Upper

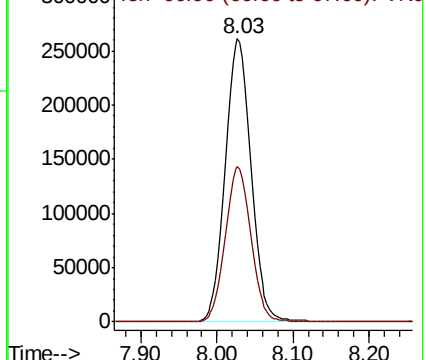
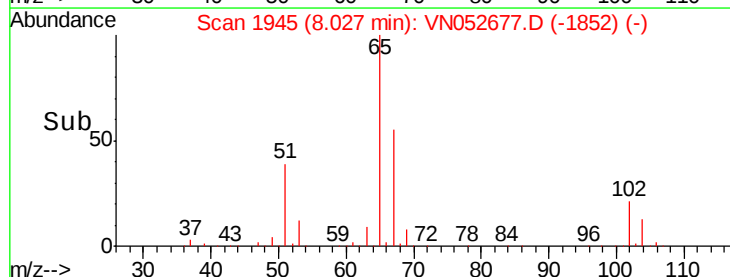
65 100

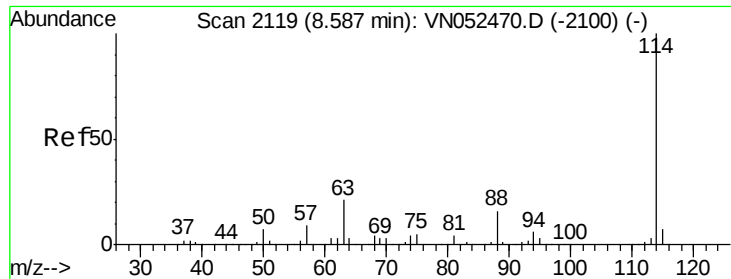
67 54.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

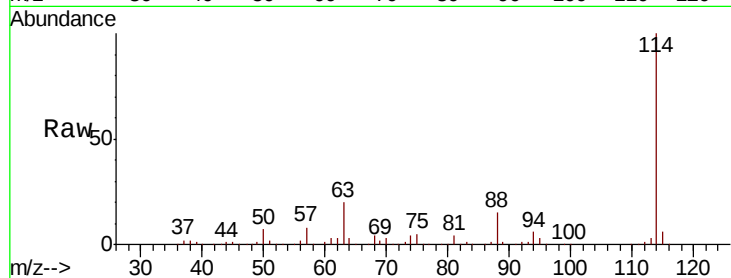




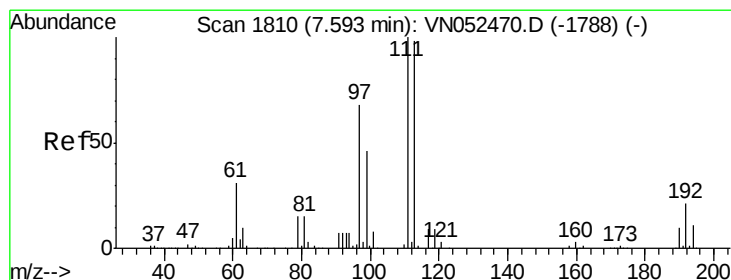
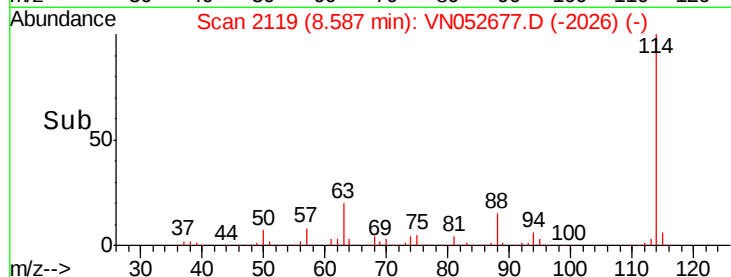
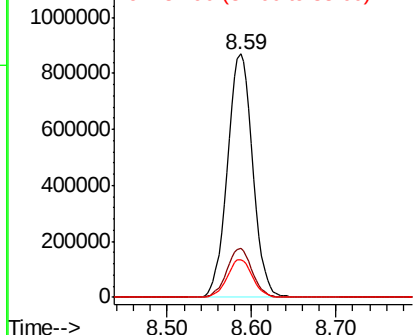
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052677.D
 Acq: 5 Dec 2018 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#08

Tot Ion:114 Resp: 1805150
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.5 0.0 31.6

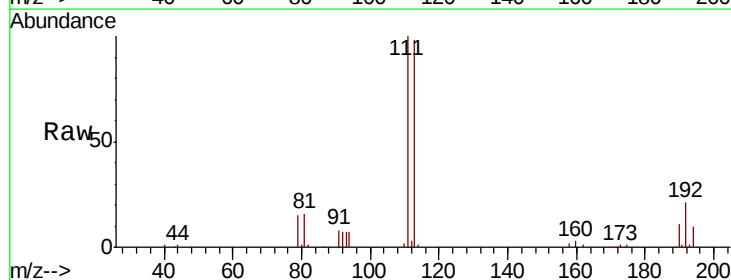


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

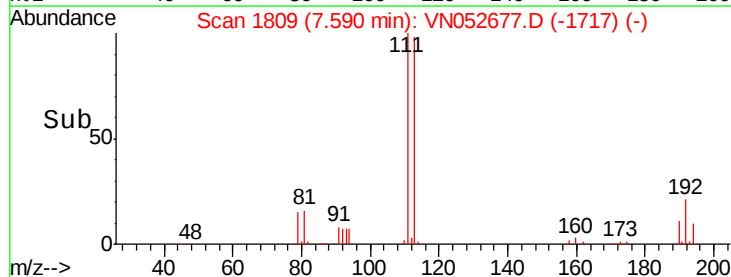
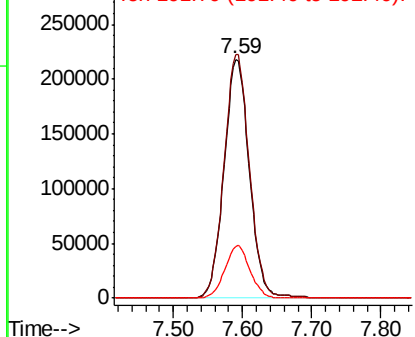


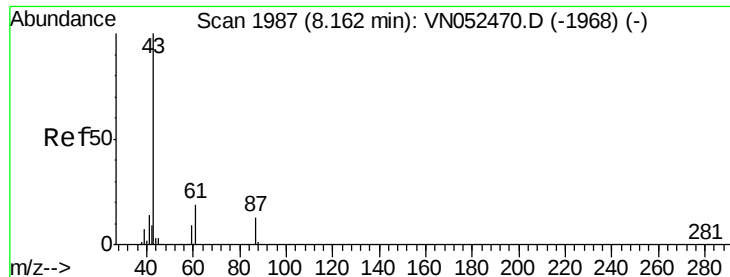
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052677.D
 Acq: 5 Dec 2018 15:33

Tgt Ion:113 Resp: 556848
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 21.8 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: 3.372 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052677.D

Acq: 5 Dec 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#08

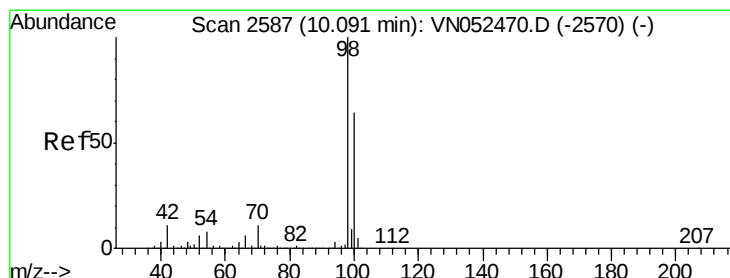
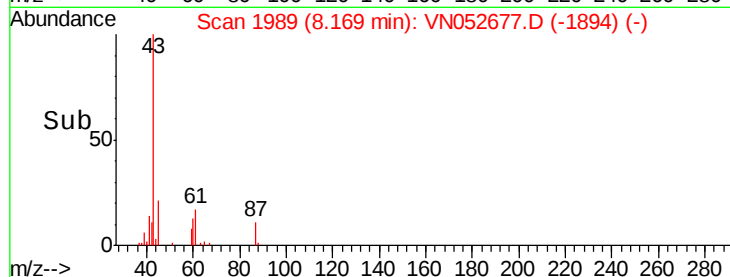
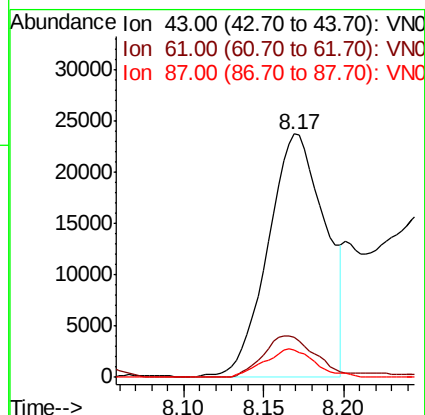
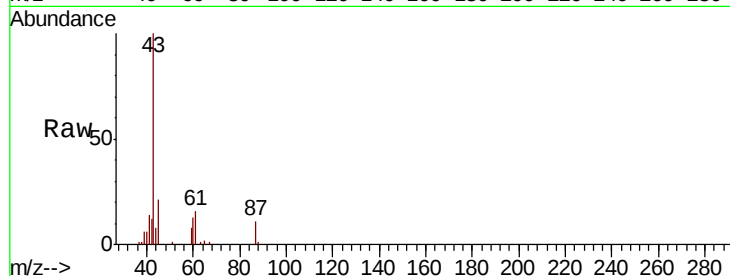
Tot Ion: 43 Resp: 59361

Ion Ratio Lower Upper

43 100

61 15.3 24.1 36.1#

87 10.1 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052677.D

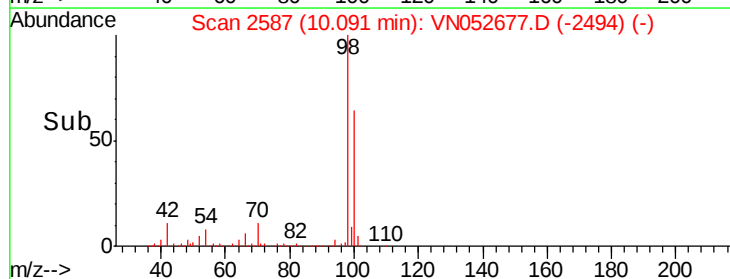
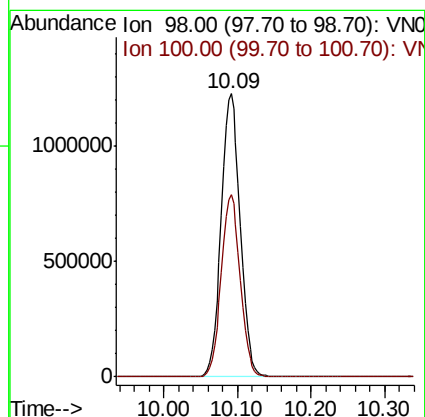
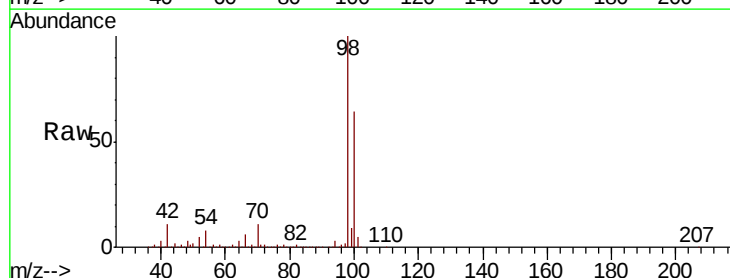
Acq: 5 Dec 2018 15:33

Tgt Ion: 98 Resp: 2198886

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9

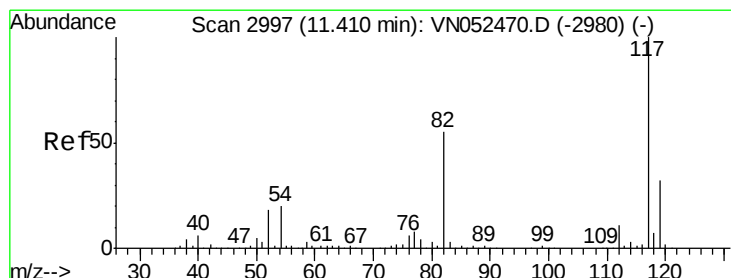
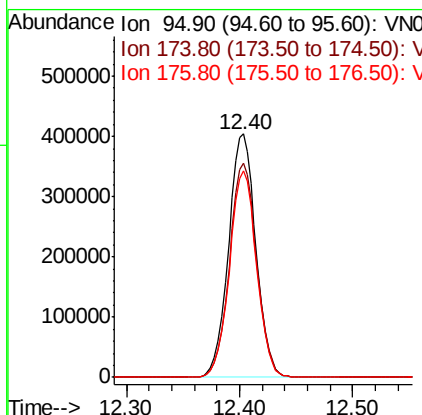
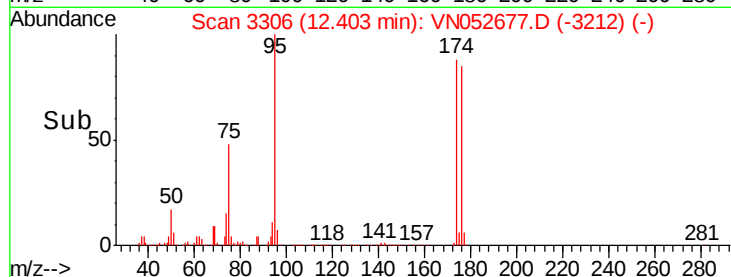
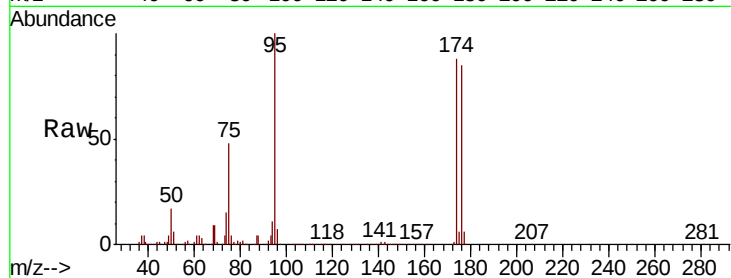




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052677.D
Acq: 5 Dec 2018 15:33

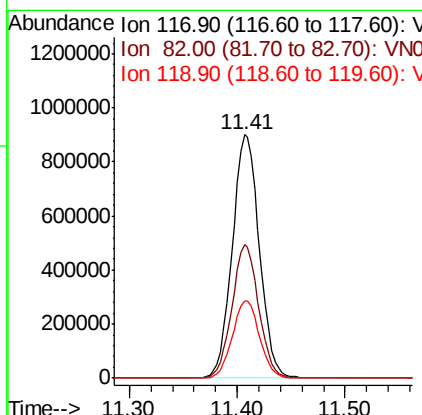
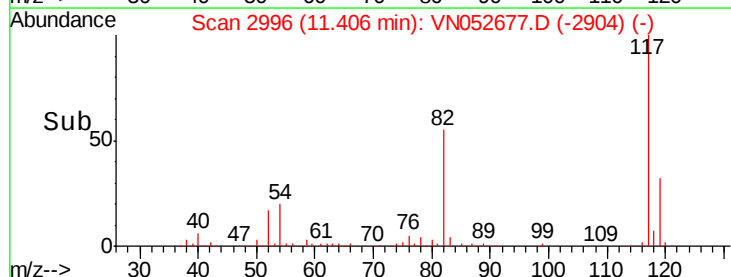
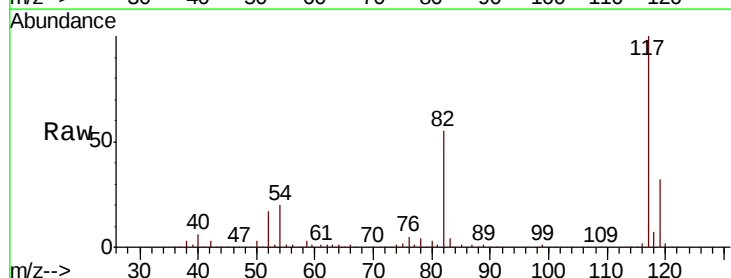
Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#08

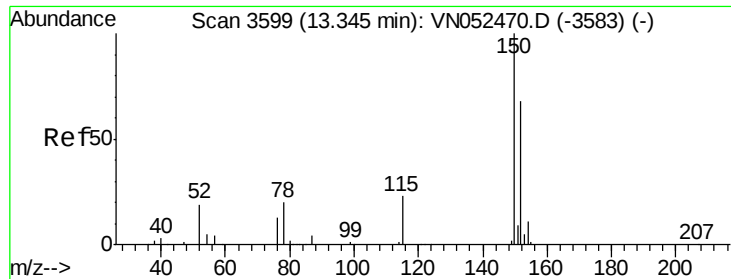
Tot Ion: 95 Resp: 674517
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.0
176 84.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052677.D
Acq: 5 Dec 2018 15:33

Tgt Ion: 117 Resp: 1569960
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 31.8 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: VN052677.D

Acq: 5 Dec 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#08

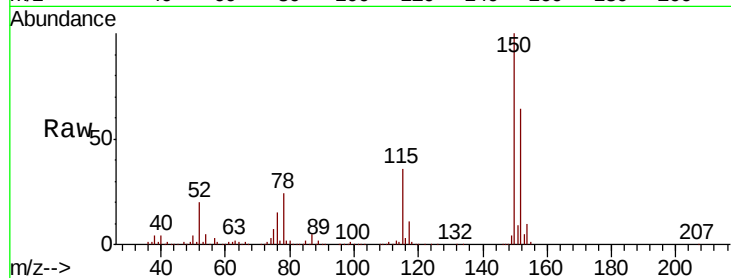
Tot Ion:152 Resp: 565937

Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.2

150 156.5 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

