

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052638.D
 Acq On : 3 Dec 2018 18:16
 Operator : MD\SY
 Sample : PB115231ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#09

Quant Time: Dec 04 01:27:04 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

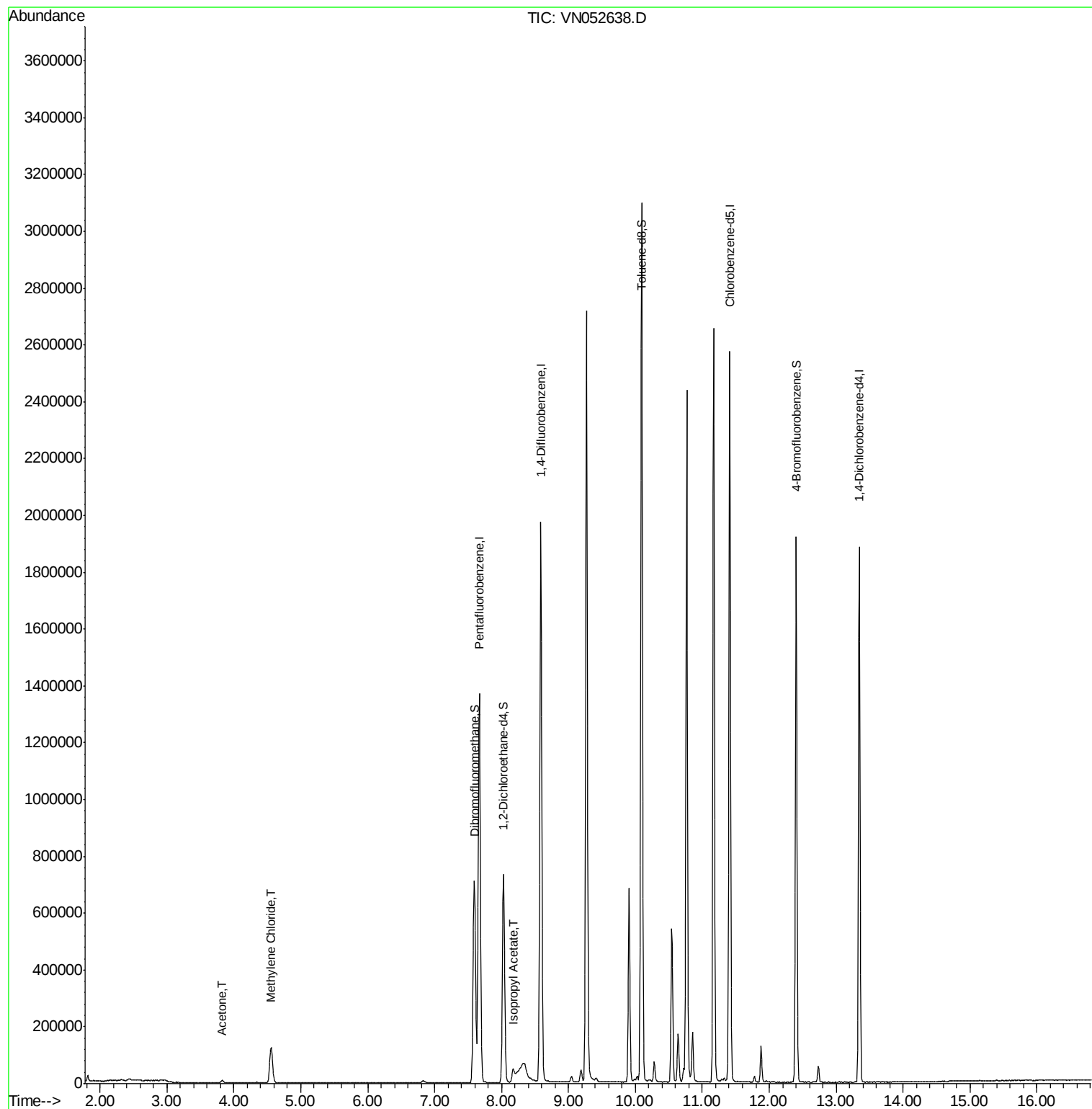
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1182829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1818686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1559438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	519996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	620620	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	7.59	113	562959	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.09	98	2217740	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	648718	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	3.82	43	13325	3.923	ug/l	97
20) Methylene Chloride	4.55	84	97391	7.326	ug/l	97
43) Isopropyl Acetate	8.17	43	63802	3.597	ug/l #	78

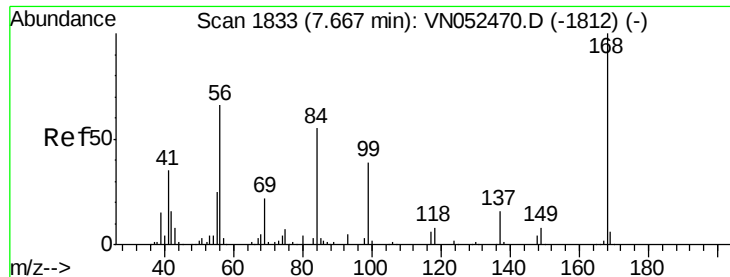
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120318\
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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: VN052638.D

Acq: 3 Dec 2018 18:16

Instrument :

MSVOA_N

ClientSampleId :

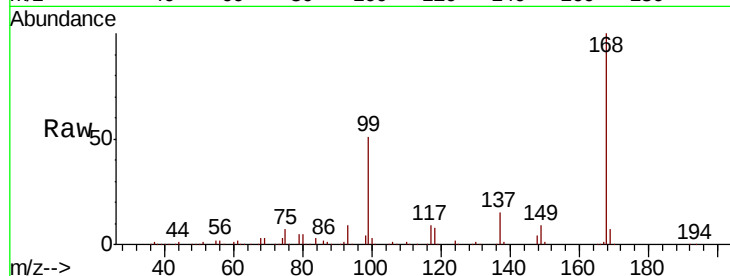
PB115231ZHE#09

Tot Ion:168 Resp: 1182829

Ion Ratio Lower Upper

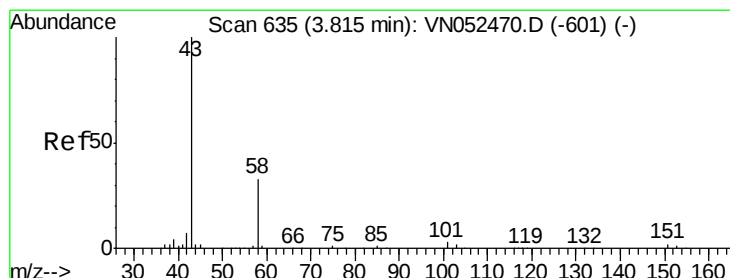
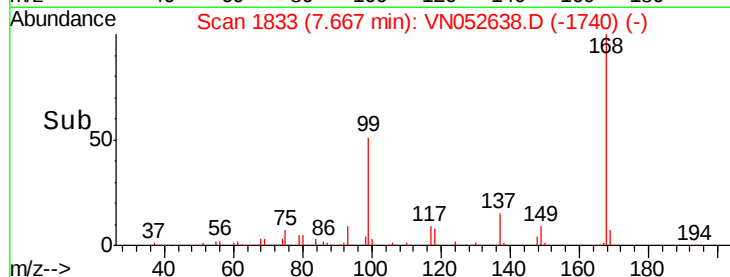
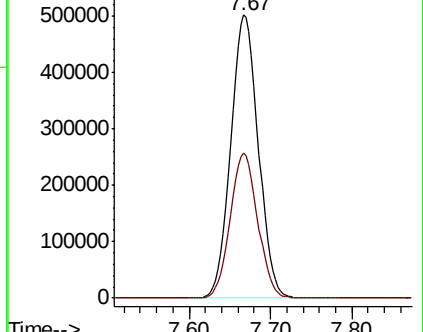
168 100

99 51.2 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) (-)



#16

Acetone

Concen: 3.923 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052638.D

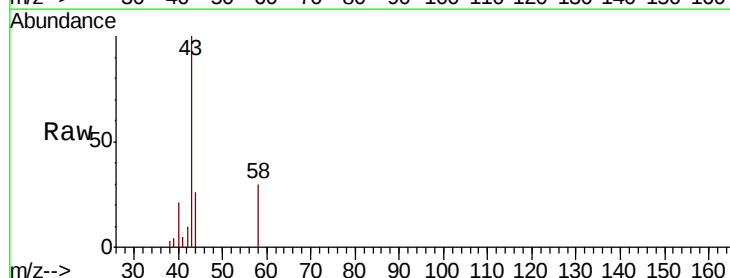
Acq: 3 Dec 2018 18:16

Tgt Ion: 43 Resp: 13325

Ion Ratio Lower Upper

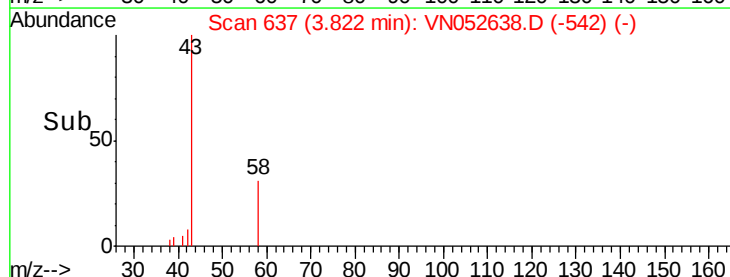
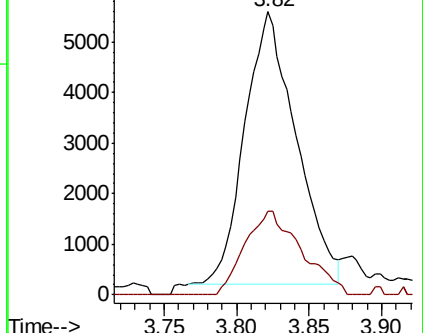
43 100

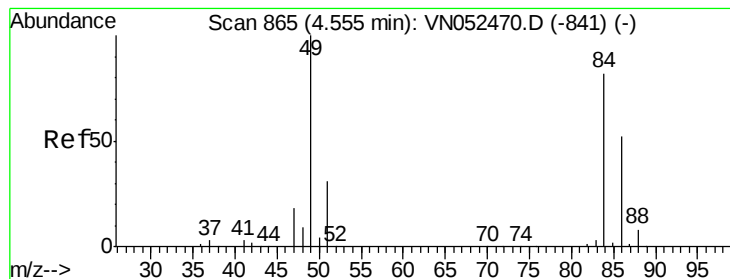
58 30.6 26.0 39.0



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

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





#20

Methylene Chloride

Concen: 7.326 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052638.D

Acq: 3 Dec 2018 18:16

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#09

Tot Ion: 84 Resp: 97391

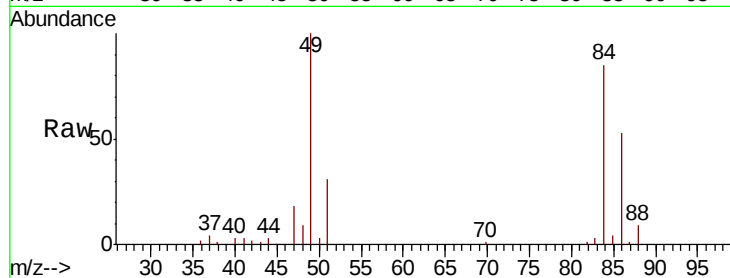
Ion Ratio Lower Upper

84 100

49 118.1 98.0 147.0

51 36.9 30.1 45.1

86 62.8 50.7 76.1



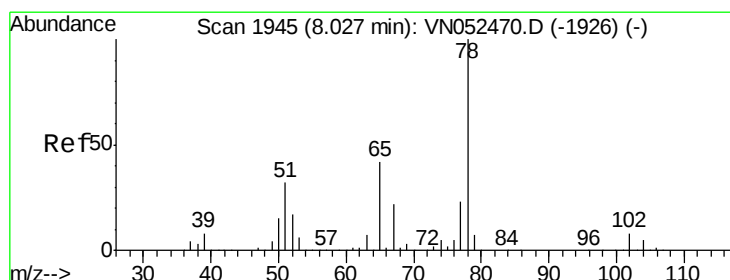
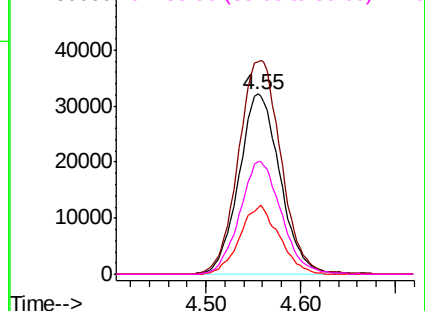
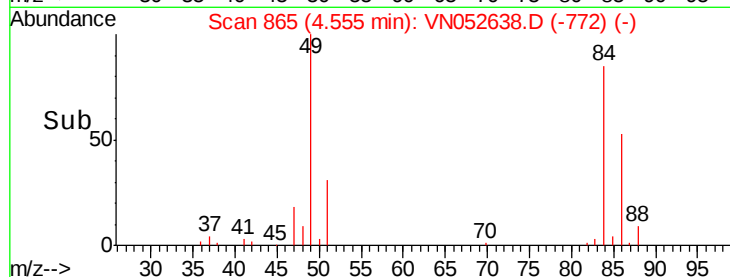
Abundance

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# 1946

Delta R.T. 0.00 min

Lab File: VN052638.D

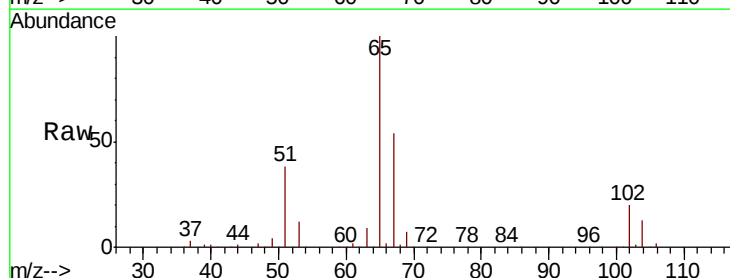
Acq: 3 Dec 2018 18:16

Tgt Ion: 65 Resp: 620620

Ion Ratio Lower Upper

65 100

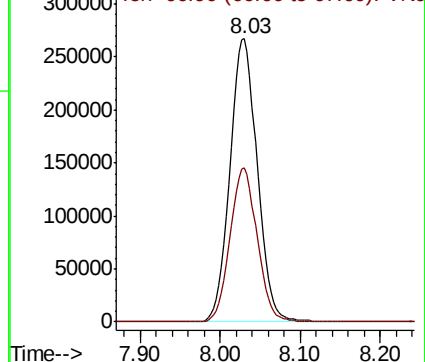
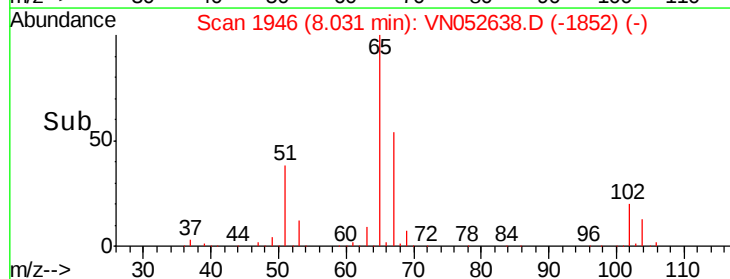
67 53.9 0.0 109.8

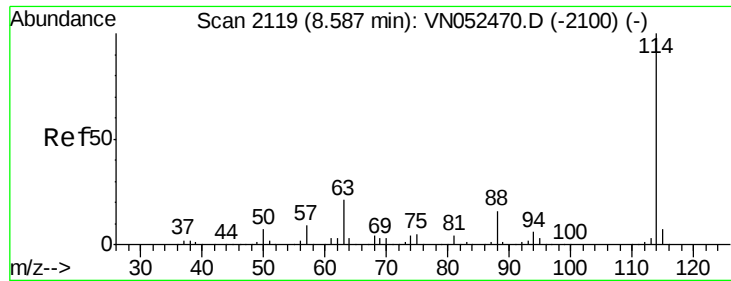


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

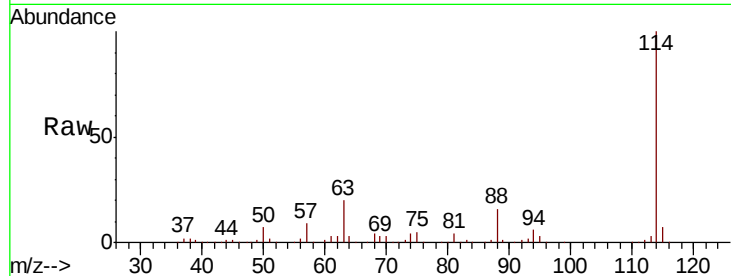




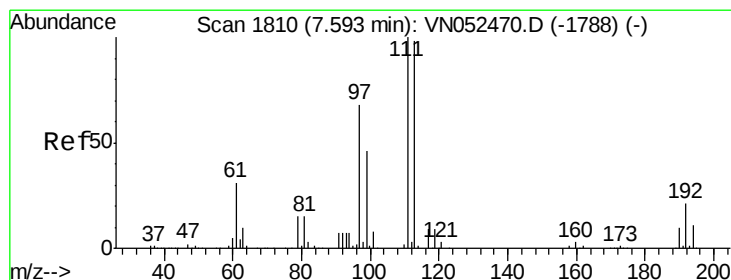
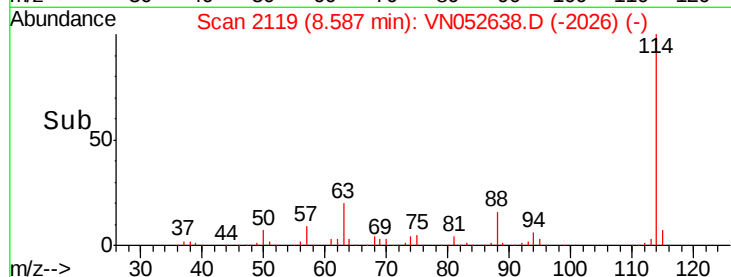
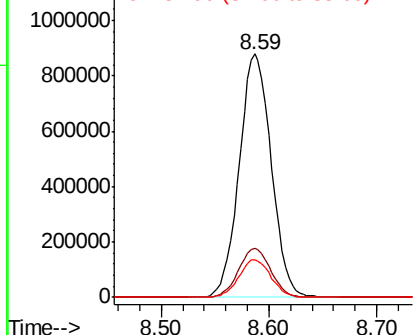
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052638.D
 Acq: 3 Dec 2018 18:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#09

Tot Ion:114 Resp: 1818686
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.5 0.0 31.6

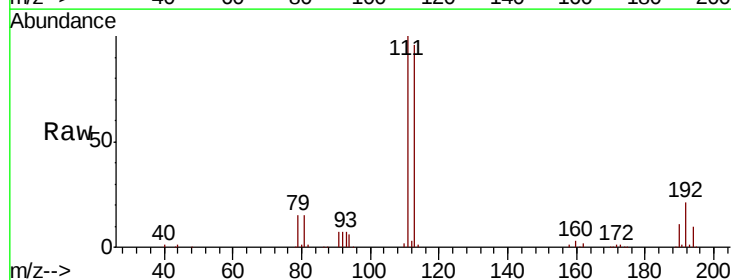


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

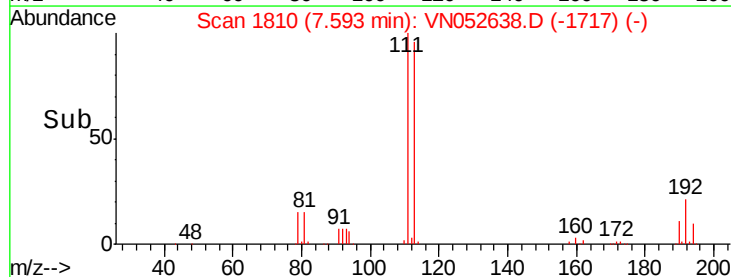
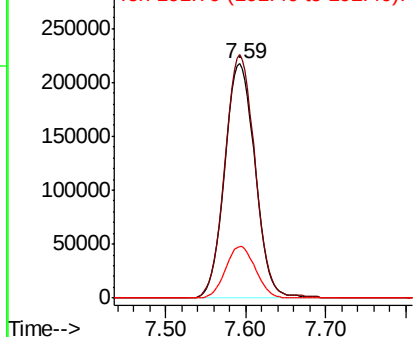


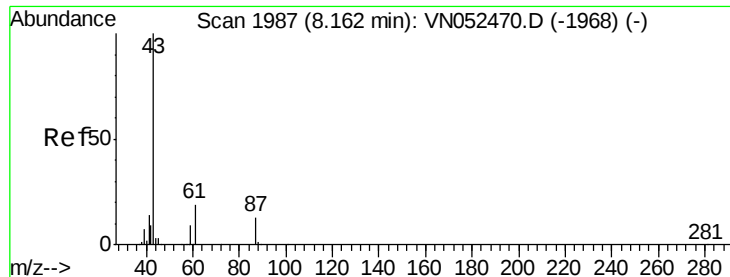
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052638.D
 Acq: 3 Dec 2018 18:16

Tgt Ion:113 Resp: 562959
 Ion Ratio Lower Upper
 113 100
 111 102.9 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: 3.597 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052638.D

Acq: 3 Dec 2018 18:16

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#09

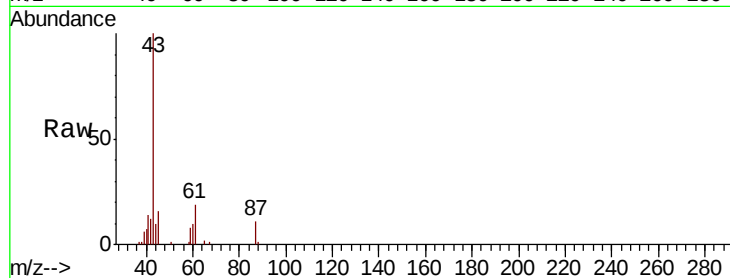
Tot Ion: 43 Resp: 63802

Ion Ratio Lower Upper

43 100

61 15.0 24.1 36.1#

87 9.5 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) (-)

Time-->

8.17

25000

20000

15000

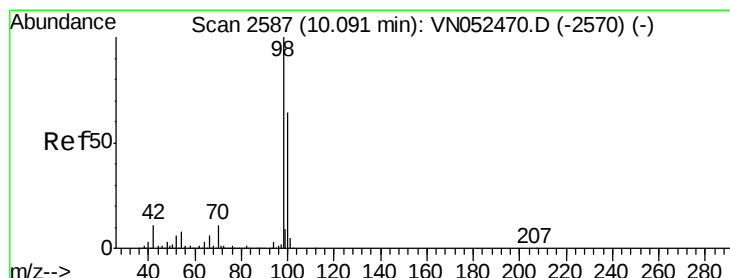
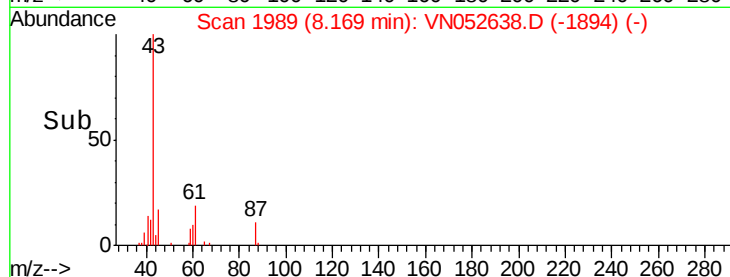
10000

5000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052638.D

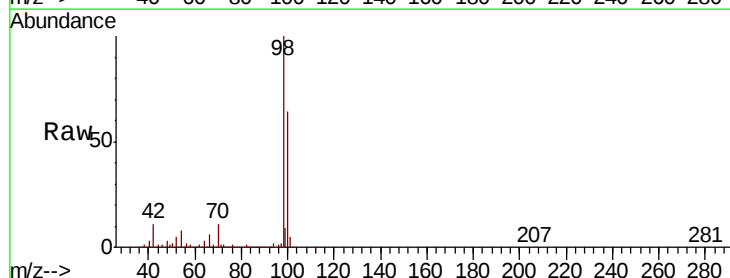
Acq: 3 Dec 2018 18:16

Tgt Ion: 98 Resp: 2217740

Ion Ratio Lower Upper

98 100

100 64.2 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) (-)

Time-->

10.09

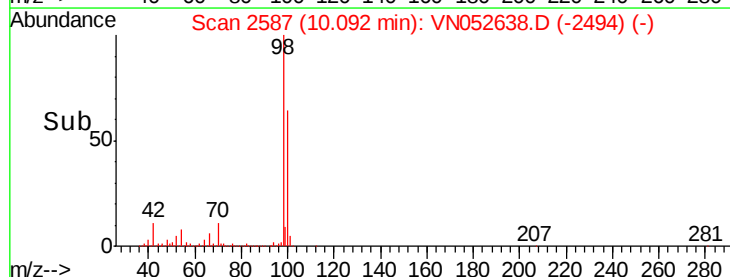
1000000

500000

0

10.00 10.10 10.20

Time-->

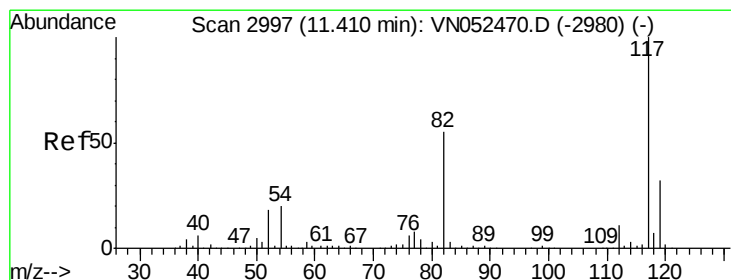
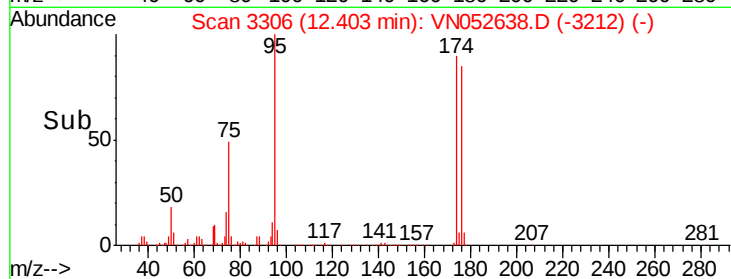
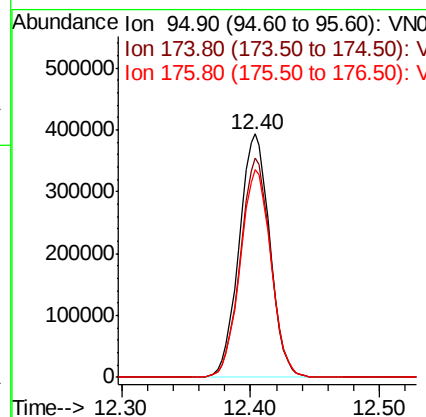
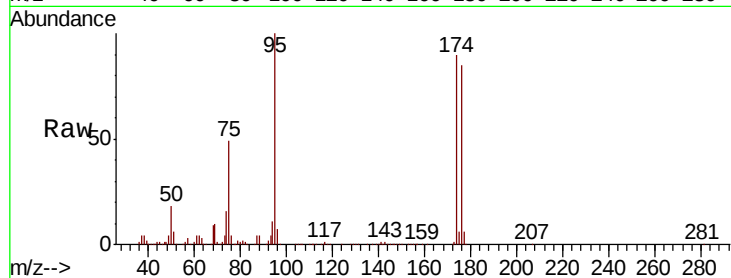




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052638.D
Acq: 3 Dec 2018 18:16

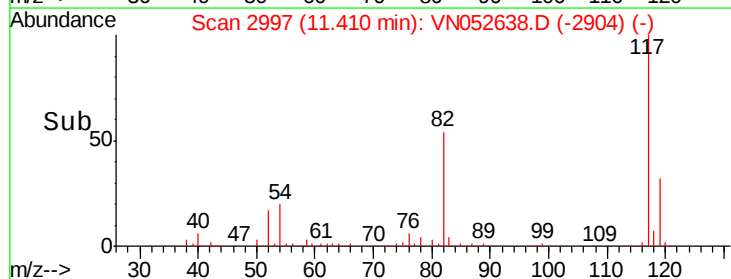
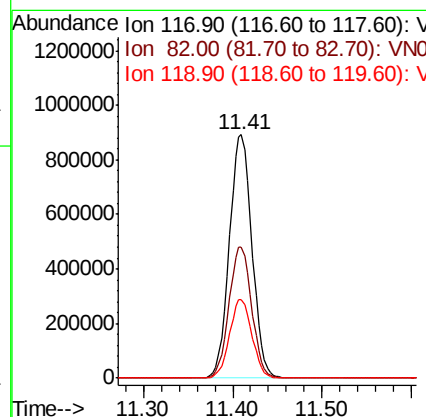
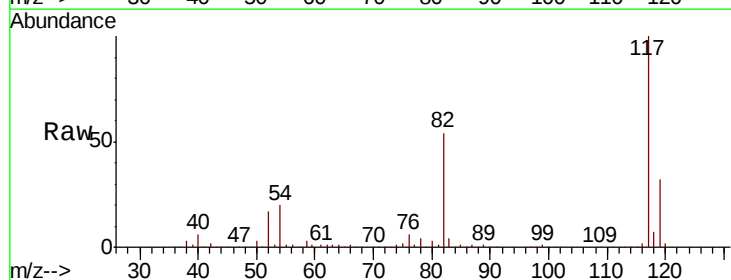
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#09

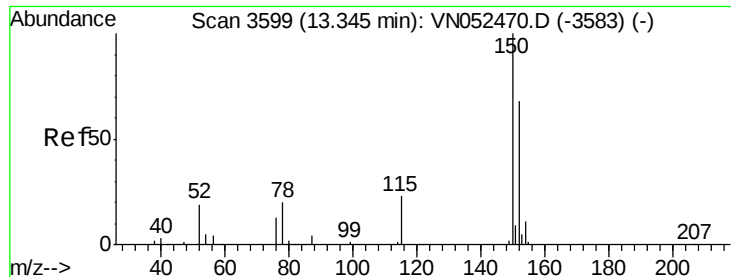
Tot Ion: 95 Resp: 648718
Ion Ratio Lower Upper
95 100
174 89.3 0.0 173.0
176 85.8 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052638.D
Acq: 3 Dec 2018 18:16

Tgt Ion: 117 Resp: 1559438
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.4 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: VN052638.D

Acq: 3 Dec 2018 18:16

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#09

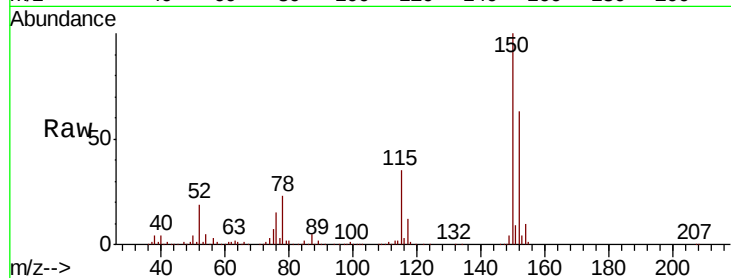
Tot Ion:152 Resp: 519996

Ion Ratio Lower Upper

152 100

115 56.3 28.4 85.2

150 158.2 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

