

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052691.D
 Acq On : 6 Dec 2018 11:04
 Operator : MD\SY
 Sample : PB115376TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115376TB

Quant Time: Dec 07 06:56:36 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

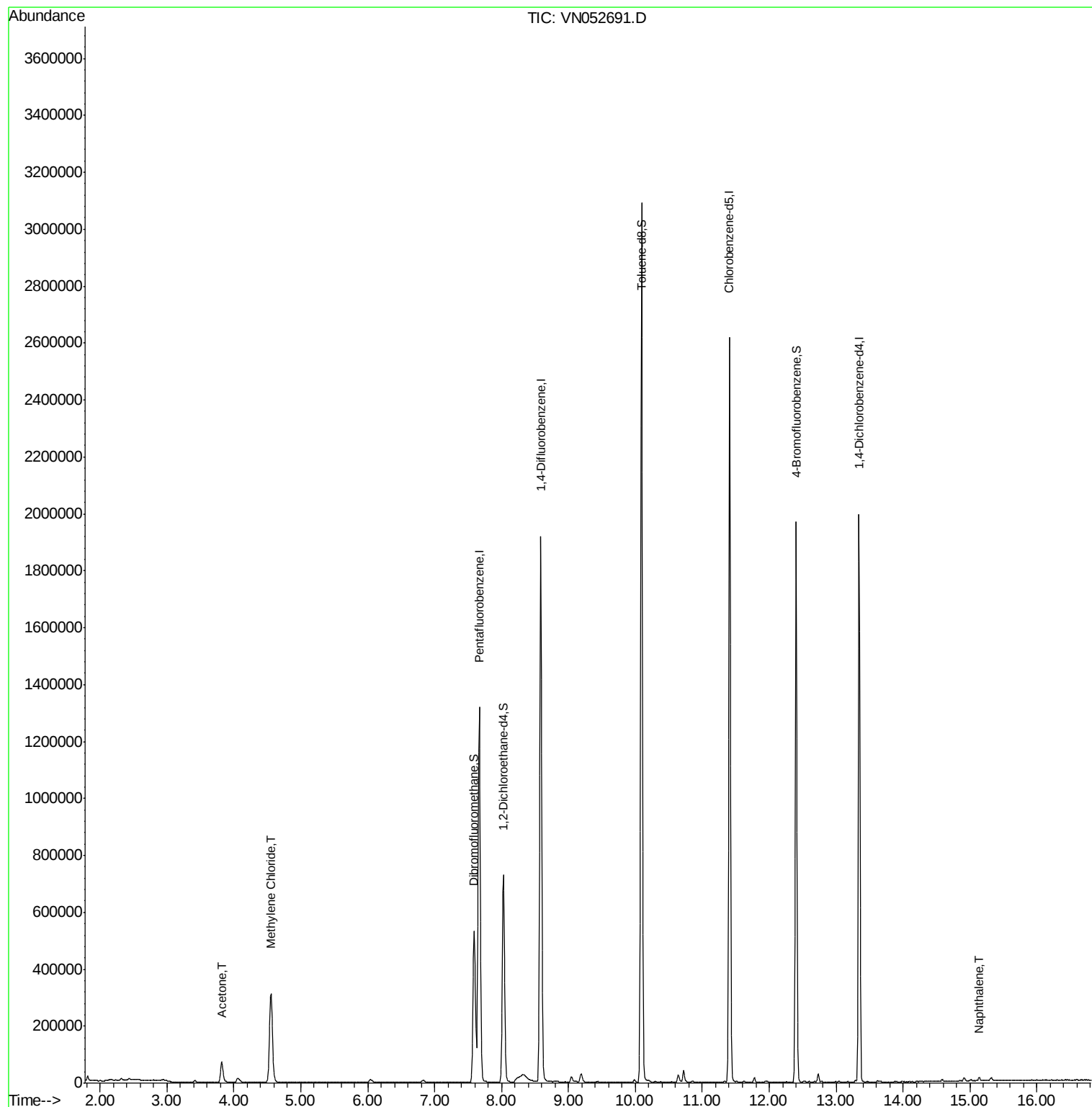
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1157179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1807542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1565715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	626702	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.59	113	420867	37.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.54%	
50) Toluene-d8	10.09	98	2200025	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	678046	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
16) Acetone	3.82	43	122516	36.866	ug/l	98
20) Methylene Chloride	4.55	84	246255	18.936	ug/l	97
95) Naphthalene	15.14	128	11102	3.906	ug/l	99

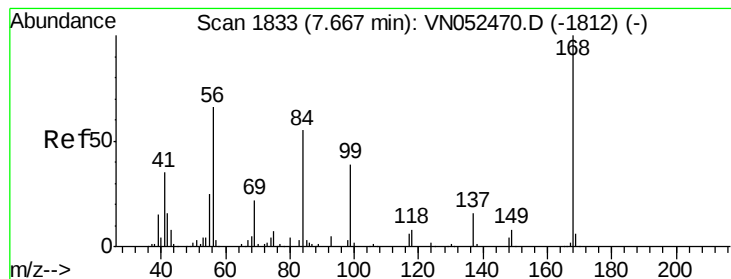
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120618\
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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: VN052691.D

Acq: 6 Dec 2018 11:04

Instrument :

MSVOA_N

ClientSampleId :

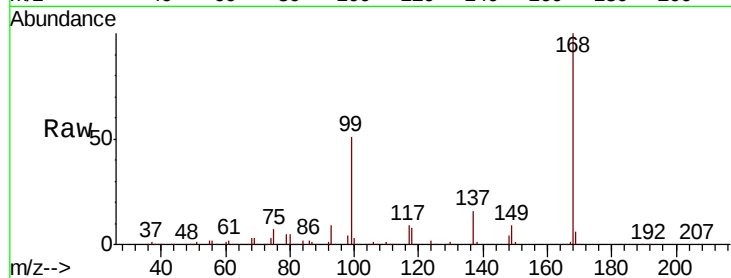
PB115376TB

Tot Ion:168 Resp: 1157179

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



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

Ion 98.90 (98.60 to 99.60): VN052470.D

7.67

500000

400000

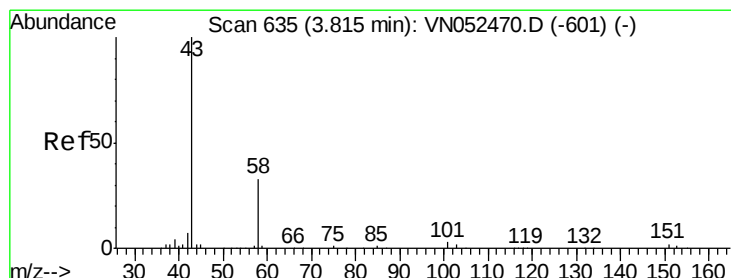
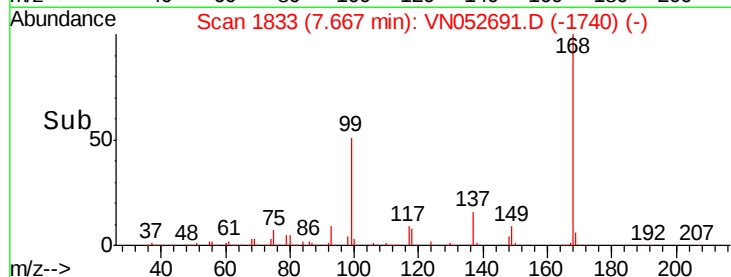
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 36.866 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052691.D

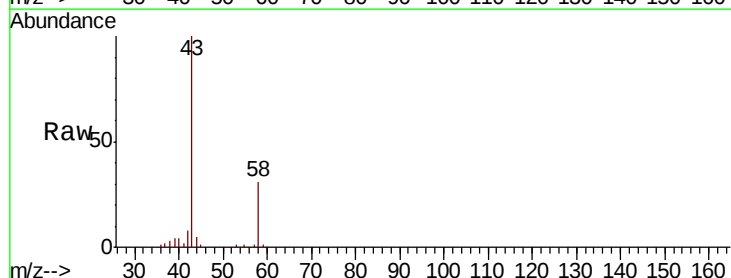
Acq: 6 Dec 2018 11:04

Tgt Ion: 43 Resp: 122516

Ion Ratio Lower Upper

43 100

58 31.3 26.0 39.0



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

Ion 58.00 (57.70 to 58.70): VN052470.D

3.82

50000

40000

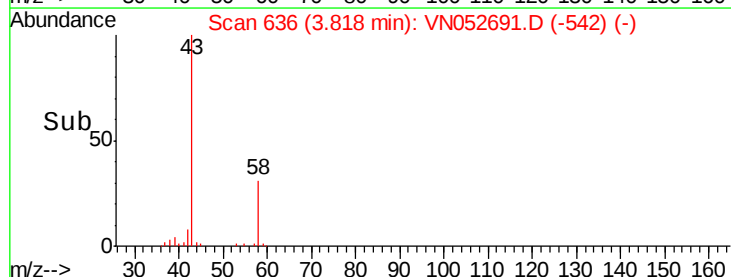
30000

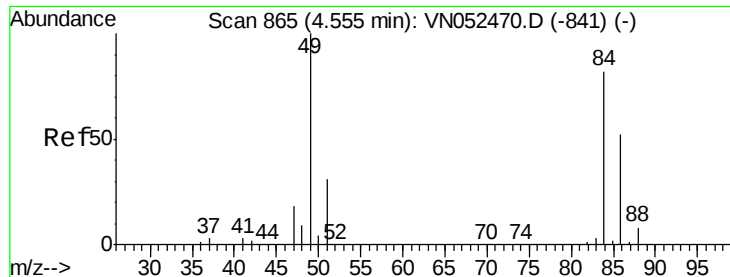
20000

10000

0

Time-->





#20

Methylene Chloride

Concen: 18.936 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052691.D

Acq: 6 Dec 2018 11:04

Instrument :

MSVOA_N

ClientSampleID :

PB115376TB

Tot Ion: 84 Resp: 246255

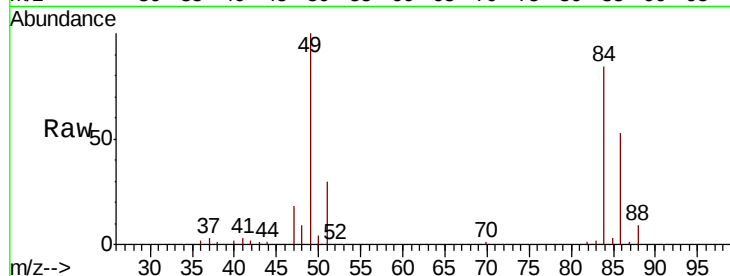
Ion Ratio Lower Upper

84 100

49 118.2 98.0 147.0

51 35.9 30.1 45.1

86 62.9 50.7 76.1



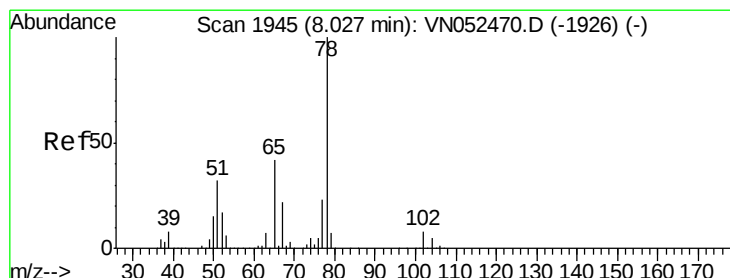
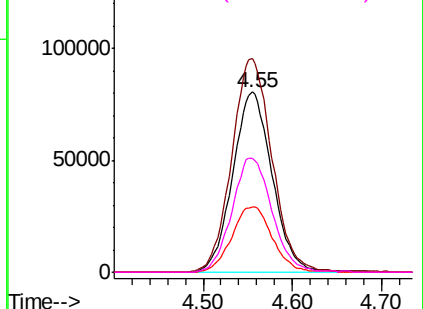
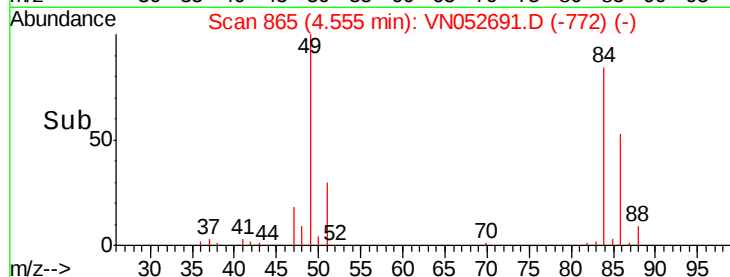
Abundance

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# 1945

Delta R.T. -0.00 min

Lab File: VN052691.D

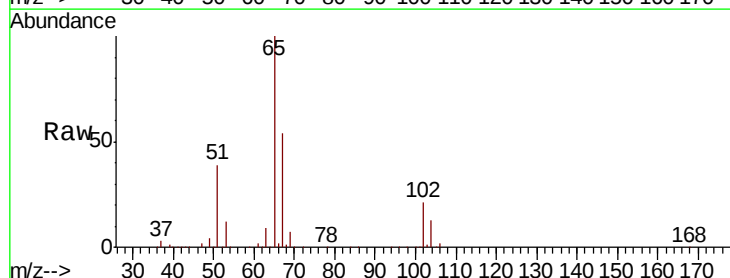
Acq: 6 Dec 2018 11:04

Tgt Ion: 65 Resp: 626702

Ion Ratio Lower Upper

65 100

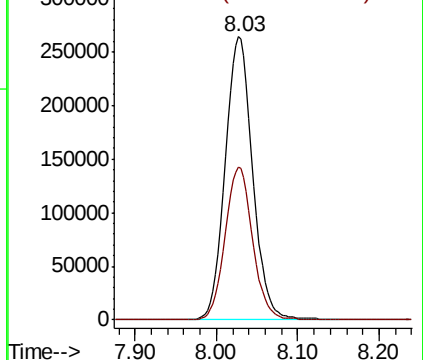
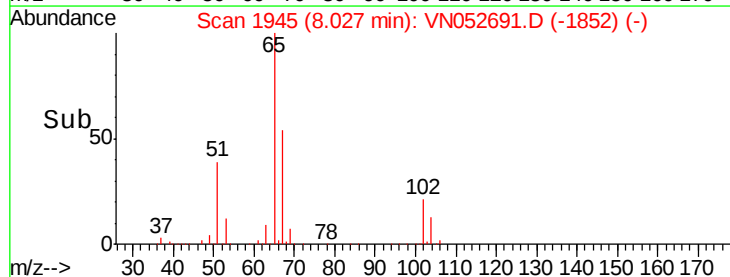
67 54.3 0.0 109.8

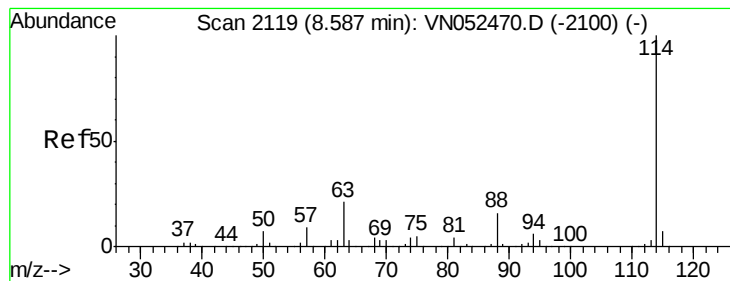


Abundance

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: VN052691.D

Acq: 6 Dec 2018 11:04

Instrument :

MSVOA_N

ClientSampleId :

PB115376TB

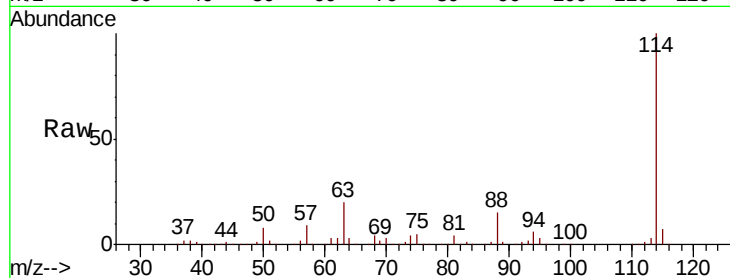
Tot Ion:114 Resp: 1807542

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

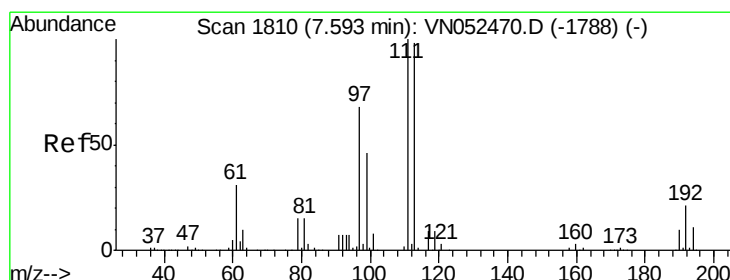
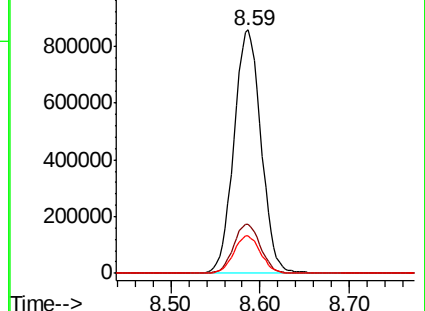
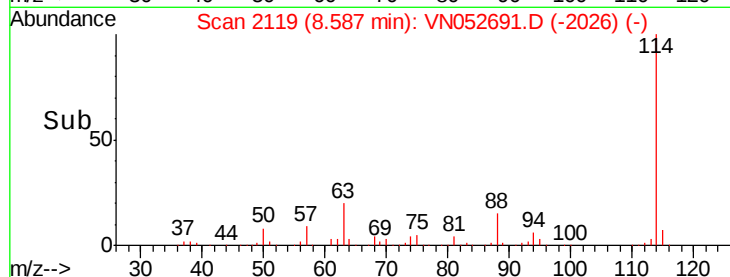
88 15.3 0.0 31.6



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: VN052691.D

Acq: 6 Dec 2018 11:04

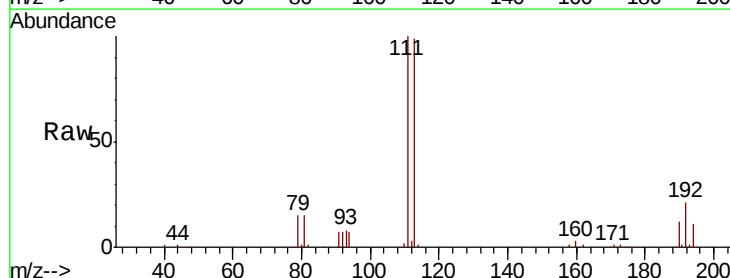
Tgt Ion:113 Resp: 420867

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

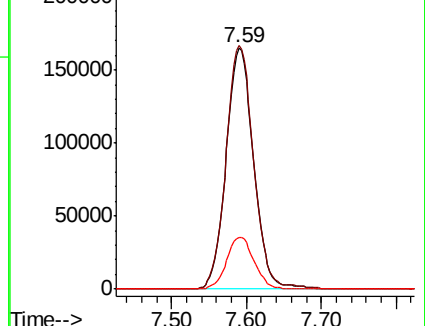
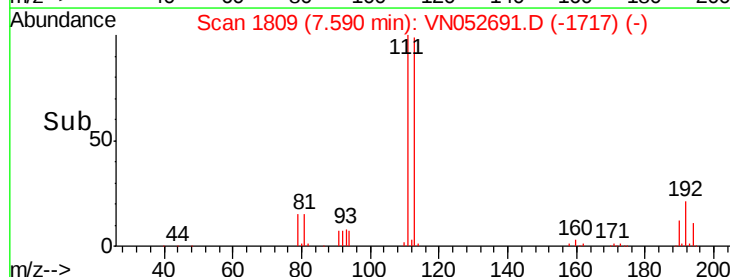
192 21.5 17.0 25.6

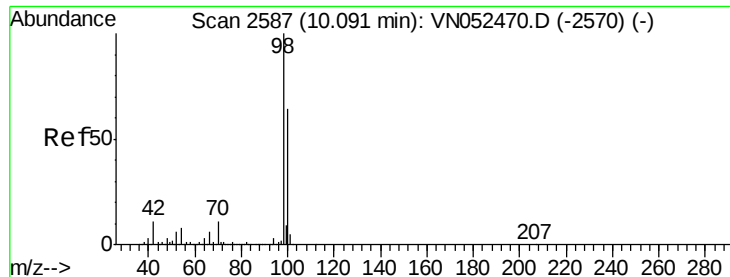


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052691.D

Acq: 6 Dec 2018 11:04

Instrument :

MSVOA_N

ClientSampled :

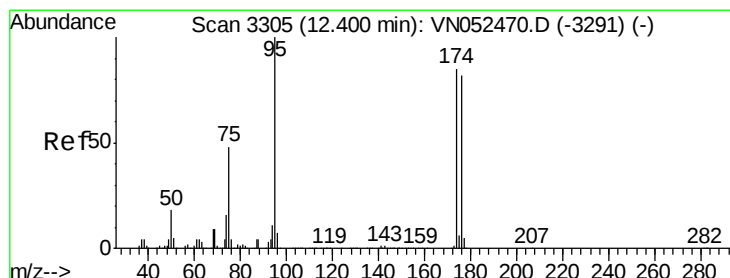
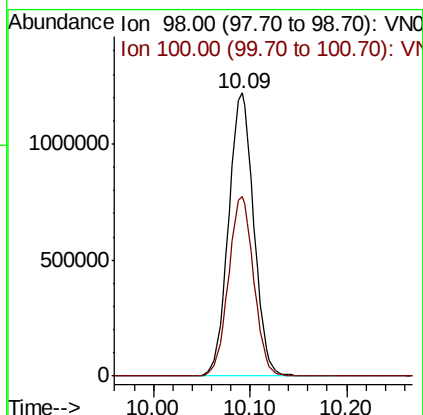
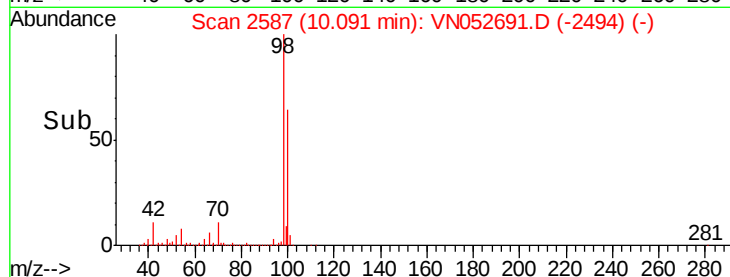
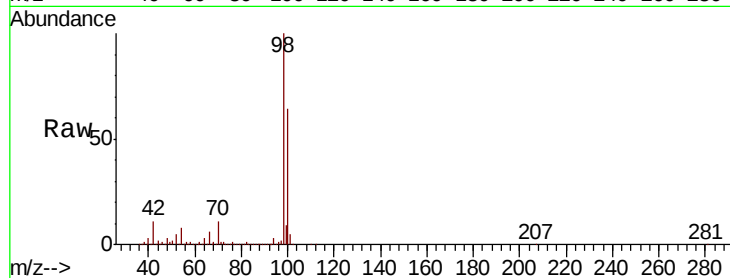
PB115376TB

Tot Ion: 98 Resp: 2200025

Ion Ratio Lower Upper

98 100

100 63.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052691.D

Acq: 6 Dec 2018 11:04

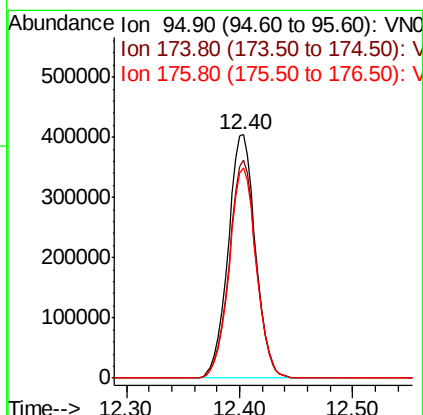
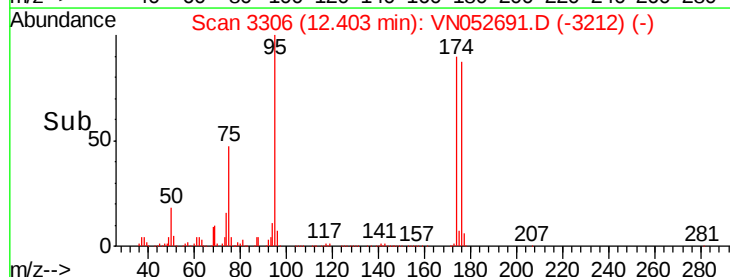
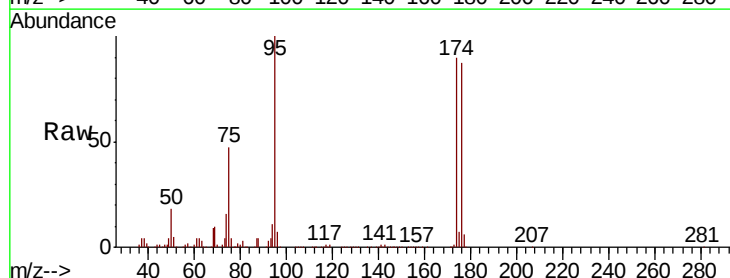
Tgt Ion: 95 Resp: 678046

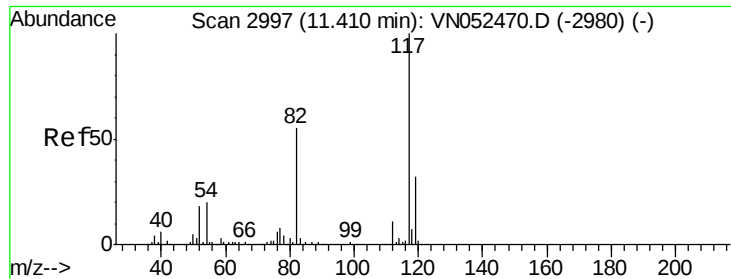
Ion Ratio Lower Upper

95 100

174 88.6 0.0 173.0

176 85.7 0.0 166.2

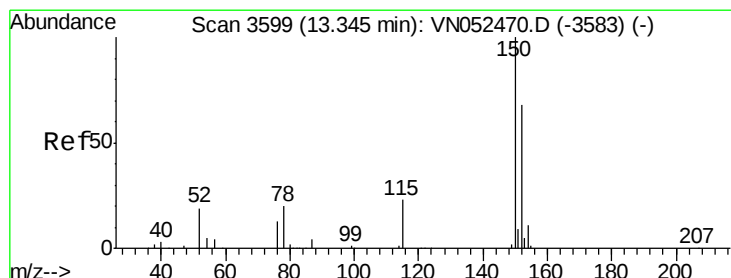
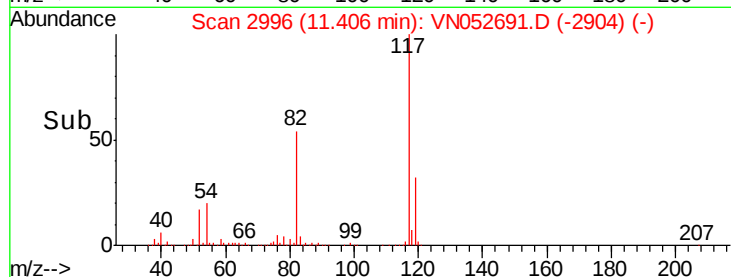
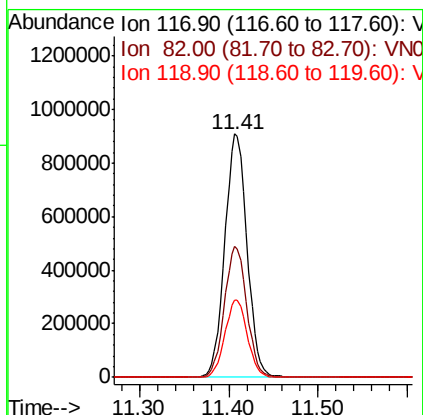
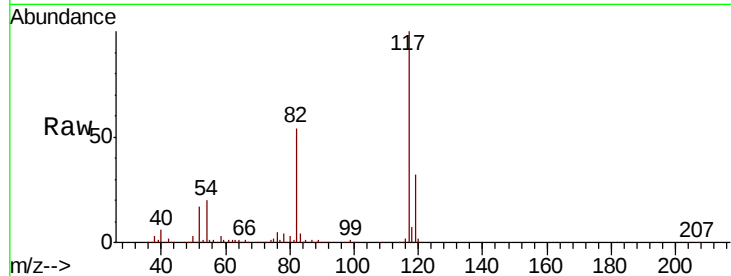




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052691.D
Acq: 6 Dec 2018 11:04

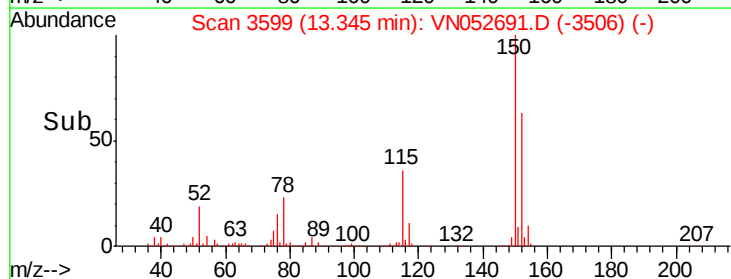
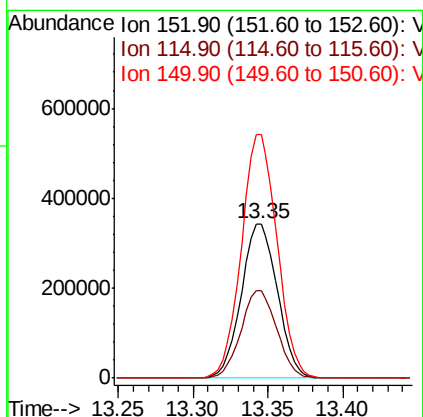
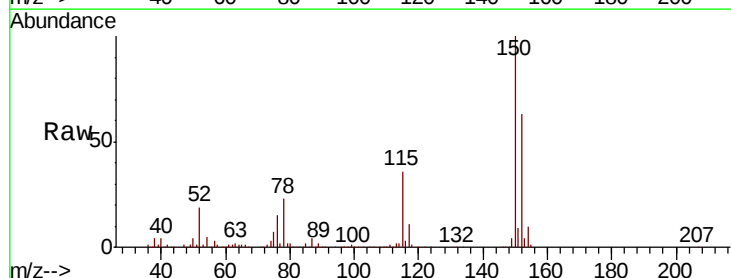
Instrument :
MSVOA_N
ClientSampleId :
PB115376TB

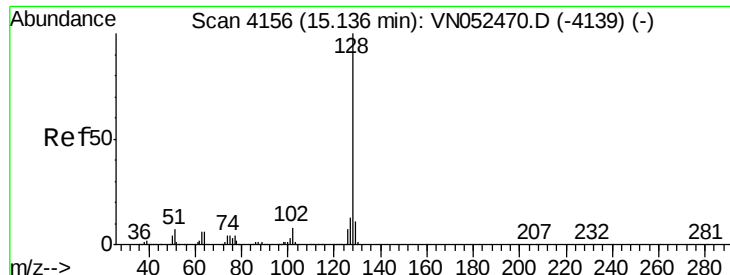
Tot Ion:117 Resp: 1565715
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052691.D
Acq: 6 Dec 2018 11:04

Tgt Ion:152 Resp: 574969
Ion Ratio Lower Upper
152 100
115 56.2 28.4 85.2
150 156.1 0.0 346.0





#95

Naphthalene

Concen: 3.906 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052691.D

Acq: 6 Dec 2018 11:04

Instrument :

MSVOA_N

ClientSampleId :

PB115376TB

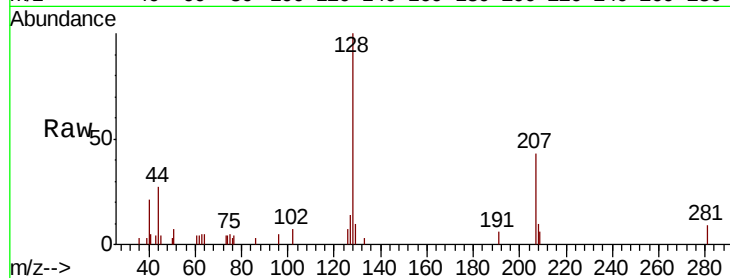
Tot Ion:128 Resp: 11102

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

