

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052935.D
 Acq On : 17 Dec 2018 18:45
 Operator : MD\SY
 Sample : PB115729ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115729ZHE#05

Quant Time: Dec 18 06:11:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

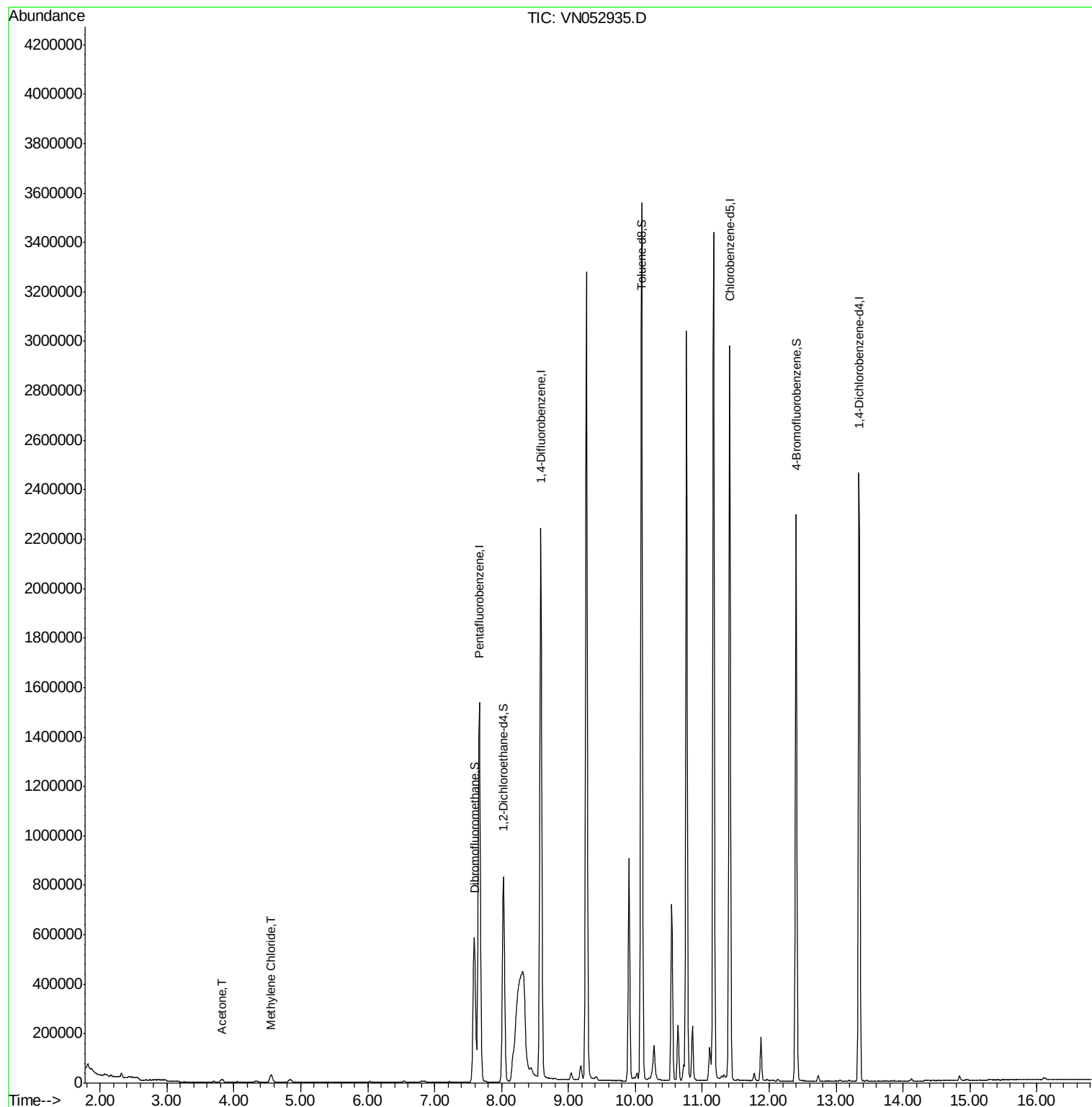
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1338343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2088577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1797468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	701292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	694197	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	7.59	113	460467	39.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.00%	
50) Toluene-d8	10.09	98	2508986	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	787270	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
16) Acetone	3.82	43	22180	6.940	ug/l	98
20) Methylene Chloride	4.56	84	23458	1.631	ug/l	96

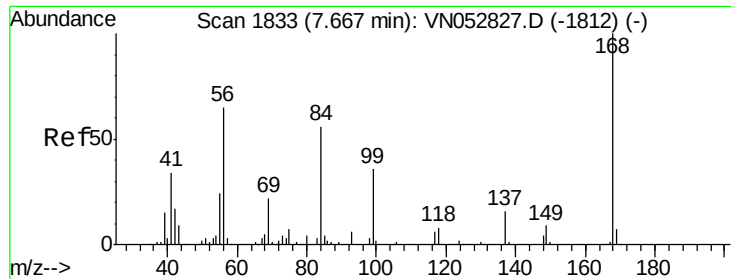
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052935.D

Acq: 17 Dec 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

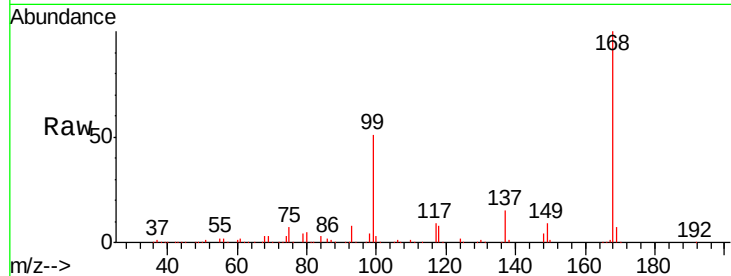
PB115729ZHE#05

Tgt Ion:168 Resp: 1338343

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

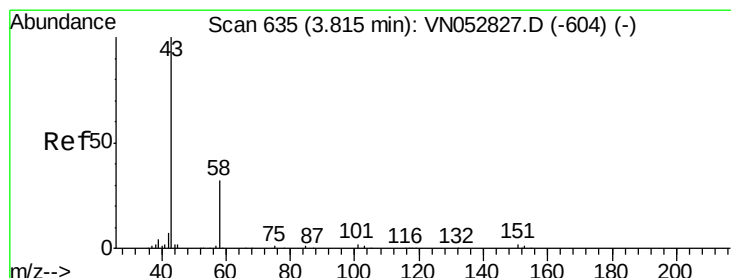
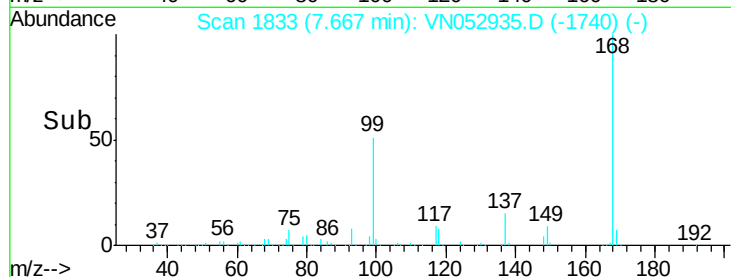
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.940 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052935.D

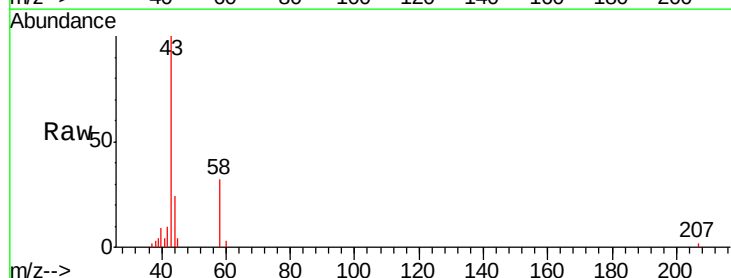
Acq: 17 Dec 2018 18:45

Tgt Ion: 43 Resp: 22180

Ion Ratio Lower Upper

43 100

58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

10000

8000

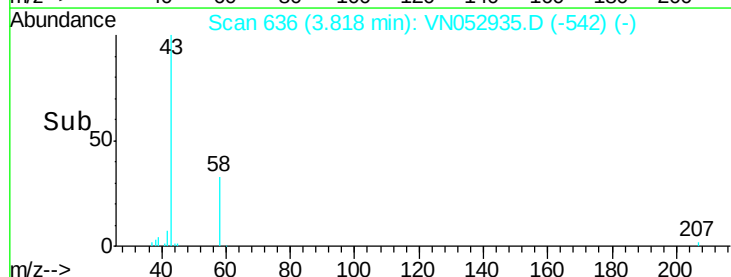
6000

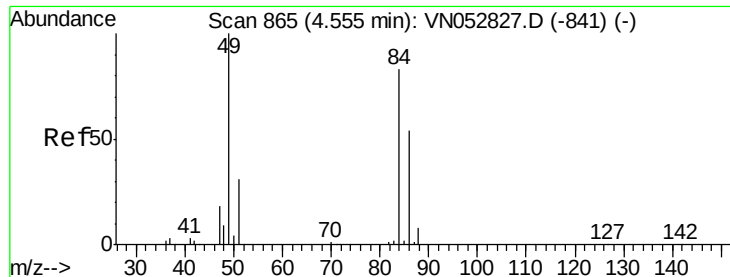
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.631 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052935.D

Acq: 17 Dec 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB115729ZHE#05

Tgt Ion: 84 Resp: 23458

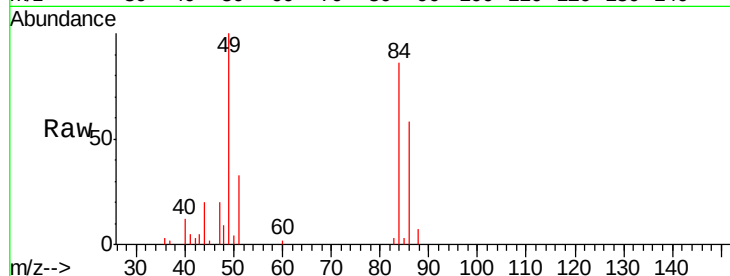
Ion Ratio Lower Upper

84 100

49 116.1 96.8 145.2

51 38.2 29.9 44.9

86 67.2 51.8 77.6

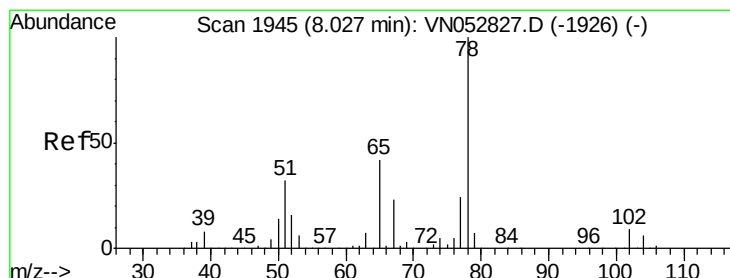
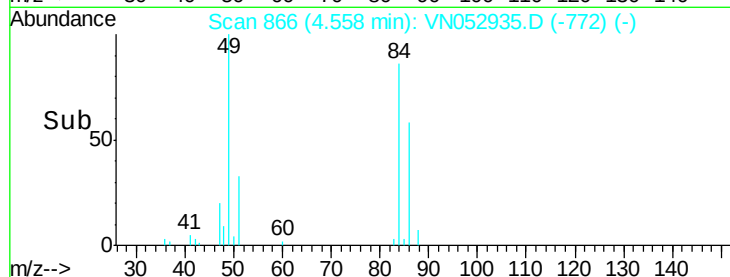
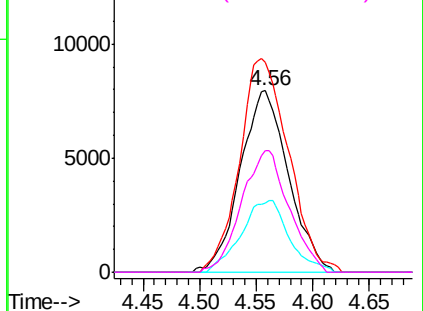


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052935.D

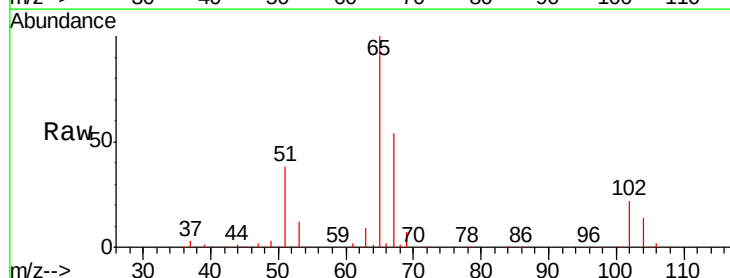
Acq: 17 Dec 2018 18:45

Tgt Ion: 65 Resp: 694197

Ion Ratio Lower Upper

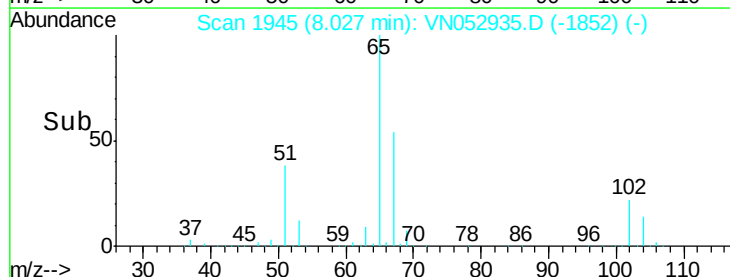
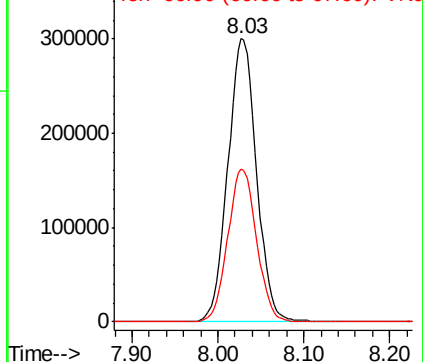
65 100

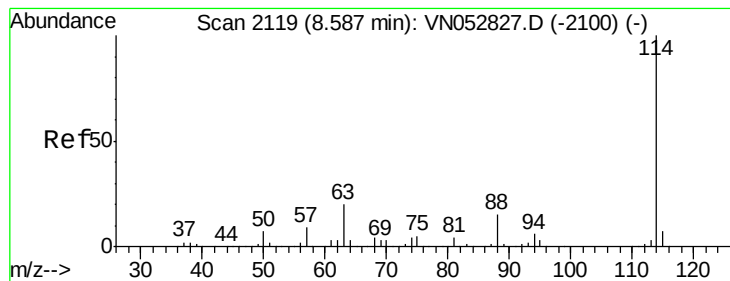
67 54.4 0.0 110.4



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: VN052935.D

Acq: 17 Dec 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB115729ZHE#05

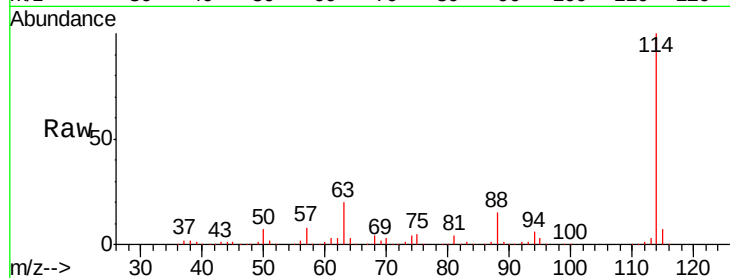
Tgt Ion:114 Resp: 2088577

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

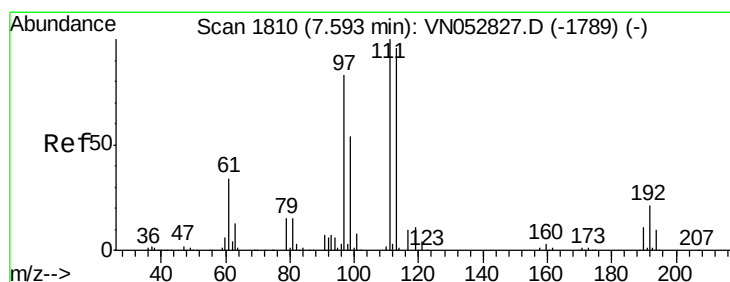
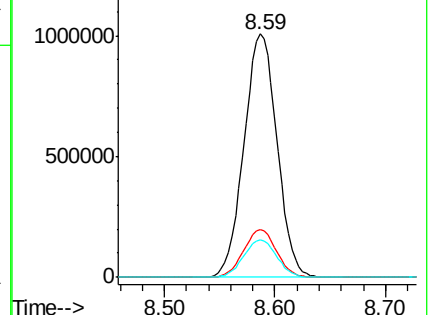
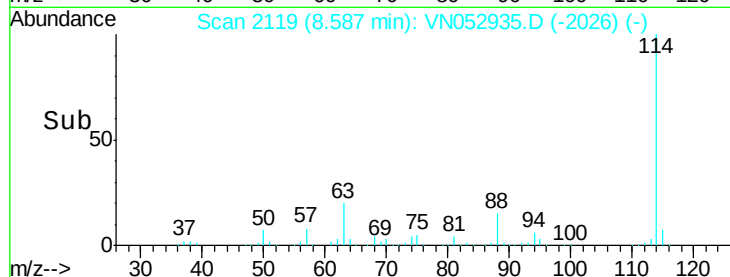
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052935.D

Acq: 17 Dec 2018 18:45

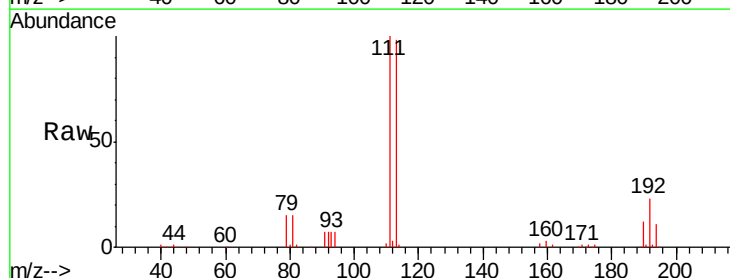
Tgt Ion:113 Resp: 460467

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

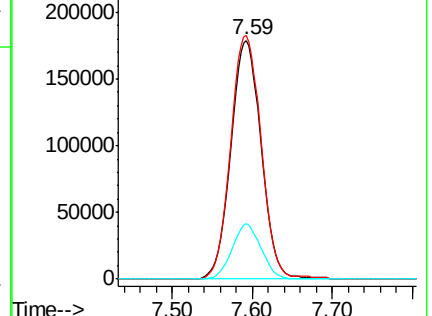
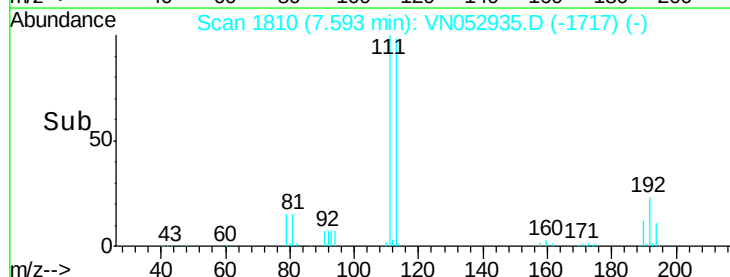
192 21.9 17.5 26.3

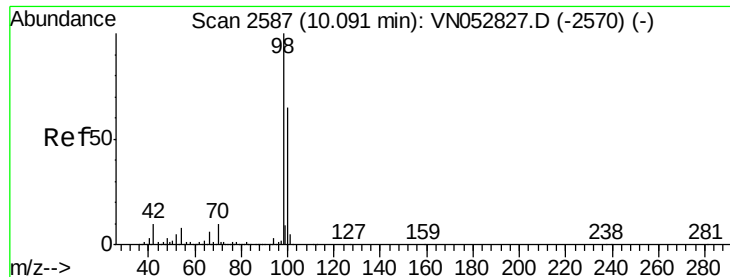


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN052935.D

Acq: 17 Dec 2018 18:45

Instrument :

MSVOA_N

ClientSampleId :

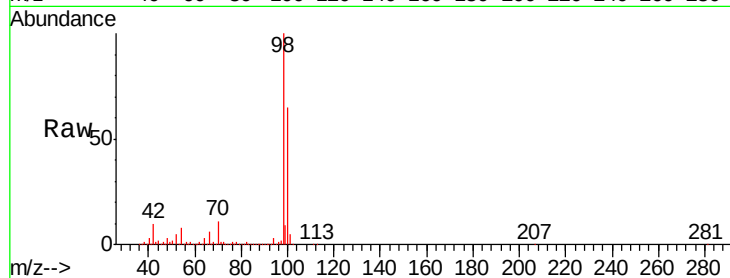
PB115729ZHE#05

Tgt Ion: 98 Resp: 2508986

Ion Ratio Lower Upper

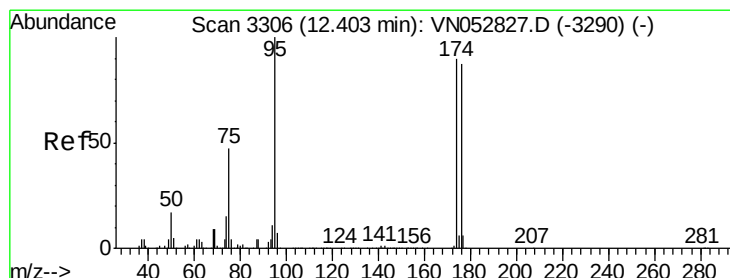
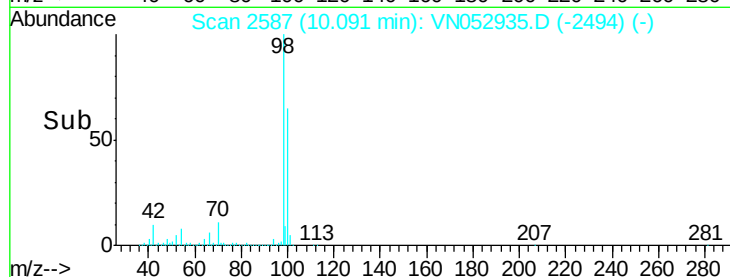
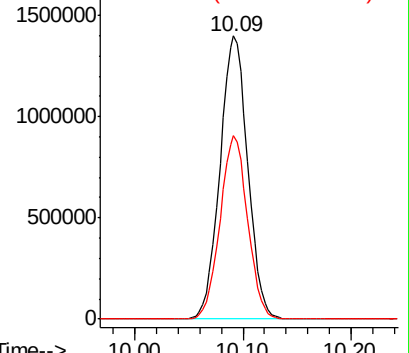
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052935.D

Acq: 17 Dec 2018 18:45

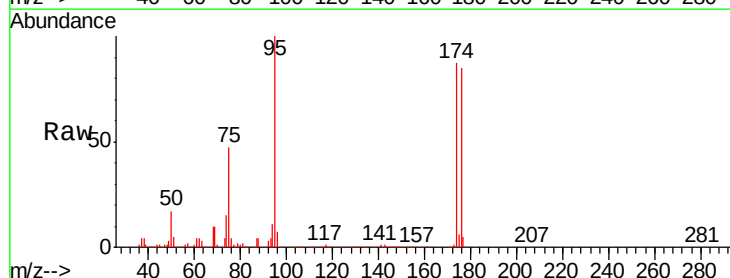
Tgt Ion: 95 Resp: 787270

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

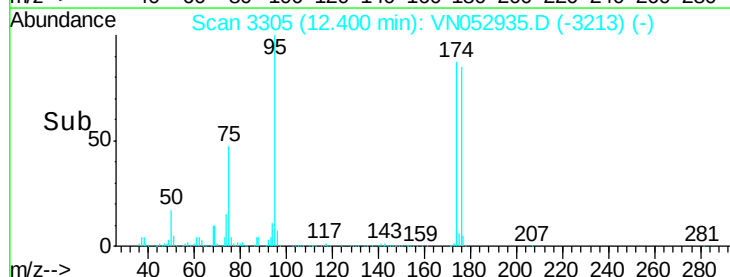
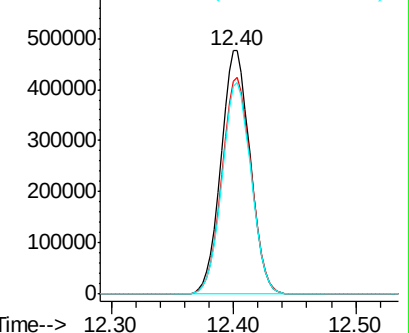
176 86.2 0.0 173.8

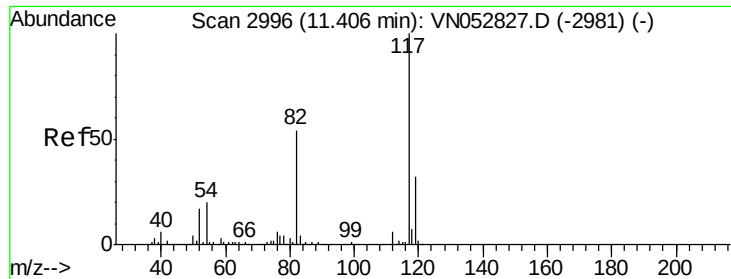


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

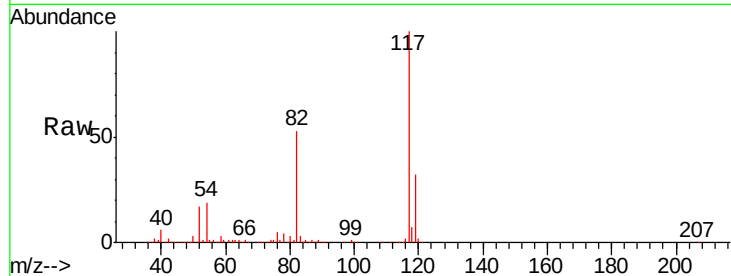




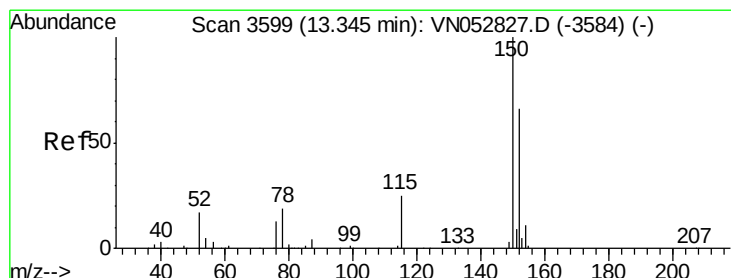
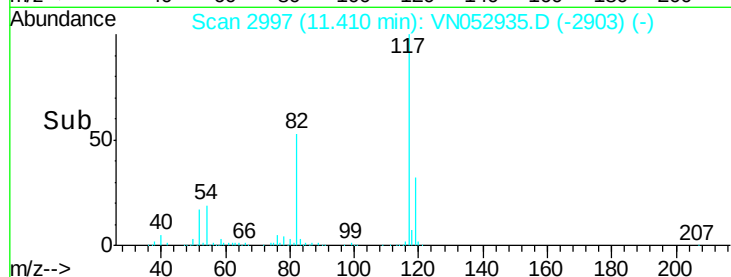
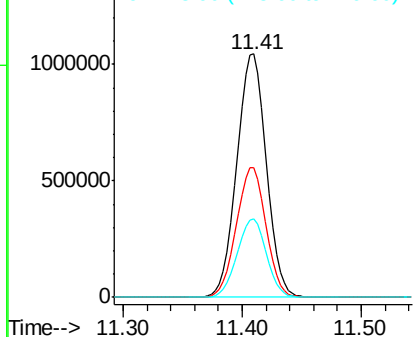
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052935.D
Acq: 17 Dec 2018 18:45

Instrument :
MSVOA_N
ClientSampleId :
PB115729ZHE#05

Tgt Ion:117 Resp: 1797468
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.1 25.5 38.3

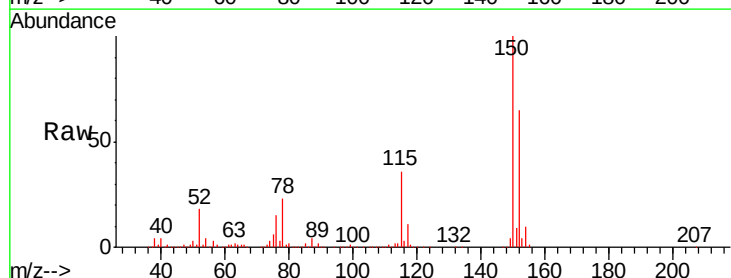


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052935.D
Acq: 17 Dec 2018 18:45

Tgt Ion:152 Resp: 701292
Ion Ratio Lower Upper
152 100
115 56.0 28.3 85.0
150 155.2 0.0 347.8



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

