

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052412.D
 Acq On : 20 Nov 2018 17:19
 Operator : MD\SY
 Sample : PB114952ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952ZHE#06

Quant Time: Nov 21 00:02:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

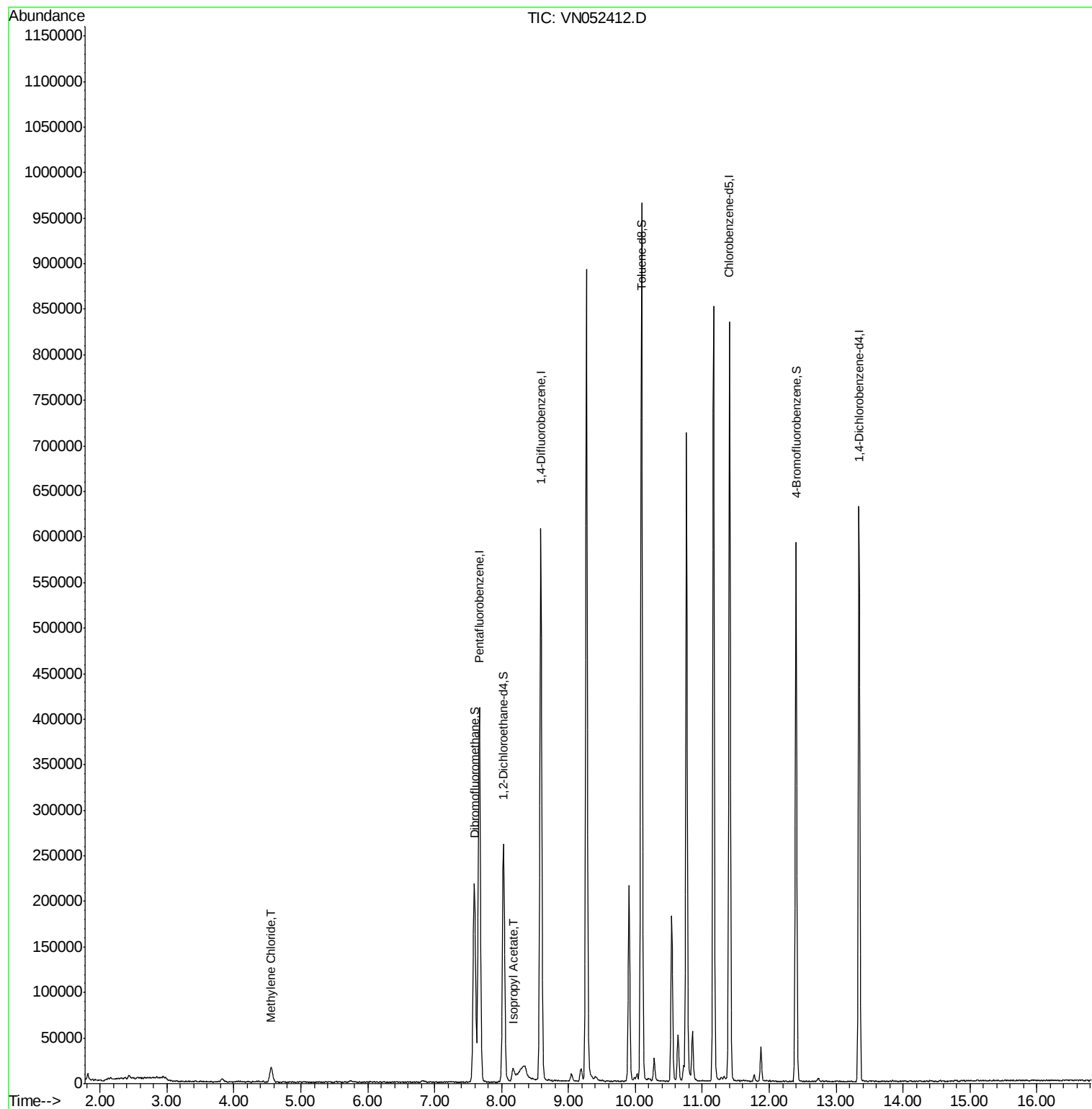
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	289597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	493006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	423543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	218859	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.59	113	161805	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
50) Toluene-d8	10.09	98	620287	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	183580	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
20) Methylene Chloride	4.56	84	10525	2.41	ug/l	89
43) Isopropyl Acetate	8.17	43	20364	2.94	ug/l #	96

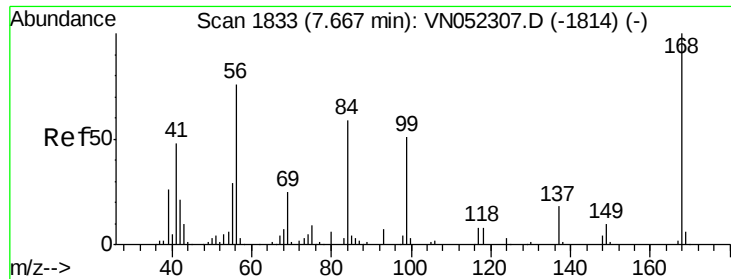
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
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QLast Update : Thu Nov 15 03:02:37 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

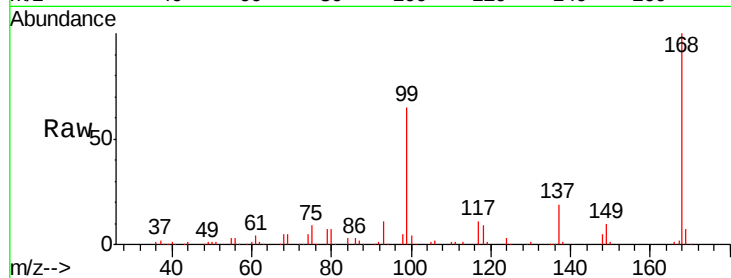
PB114952ZHE#06

Tgt Ion:168 Resp: 289597

Ion Ratio Lower Upper

168 100

99 65.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

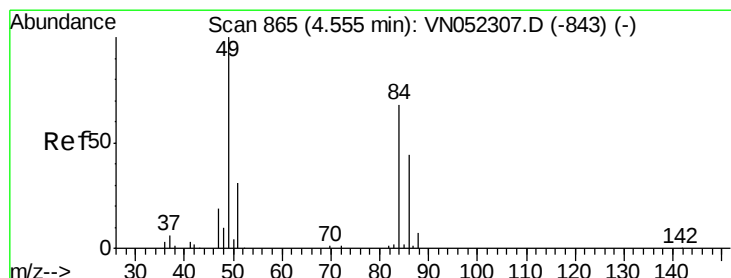
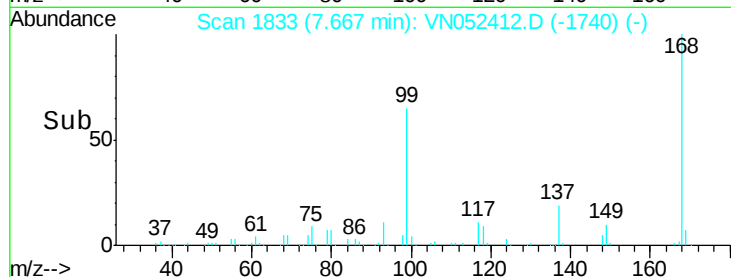
7.67

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.41 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

Tgt Ion: 84 Resp: 10525

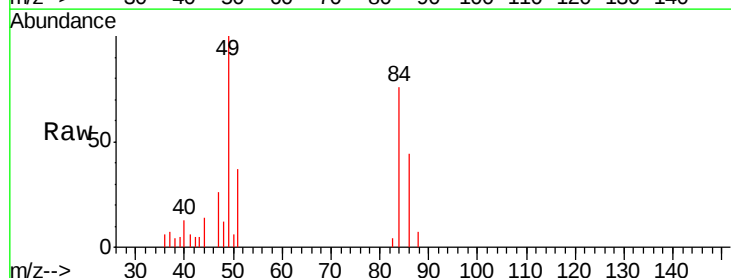
Ion Ratio Lower Upper

84 100

49 131.1 118.2 177.2

51 48.1 36.1 54.1

86 57.1 51.6 77.4



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

4.56

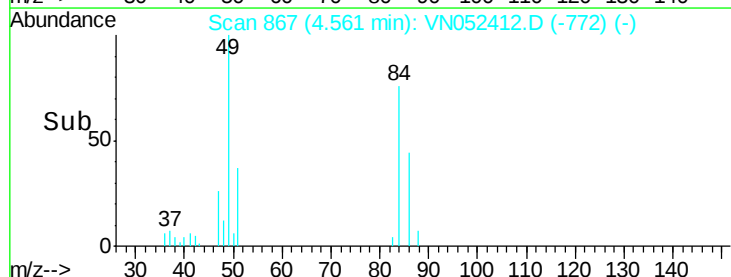
6000

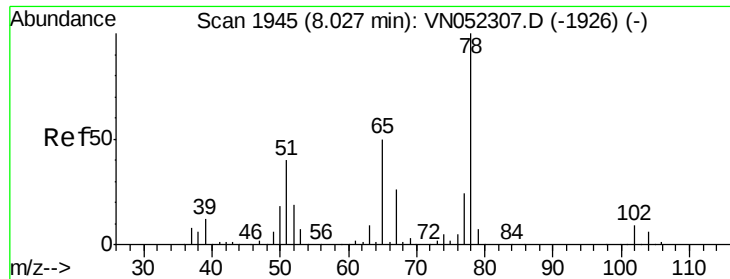
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

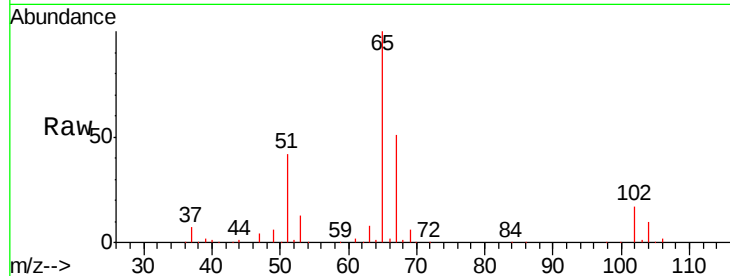
PB114952ZHE#06

Tgt Ion: 65 Resp: 218859

Ion Ratio Lower Upper

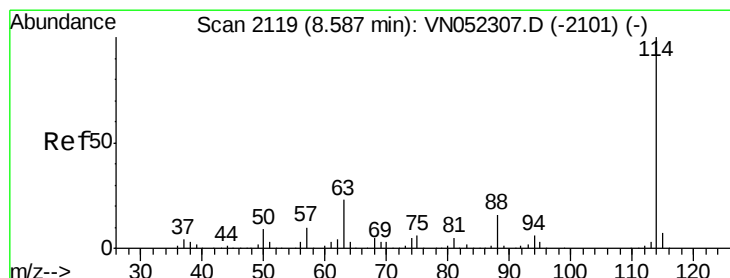
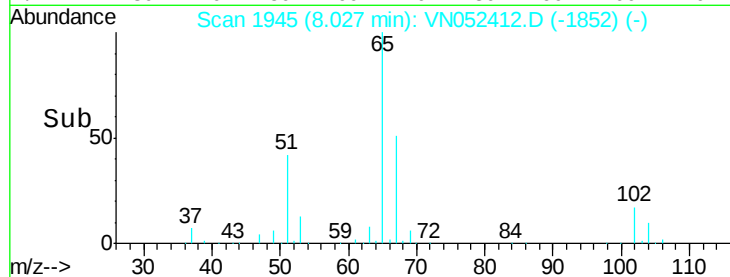
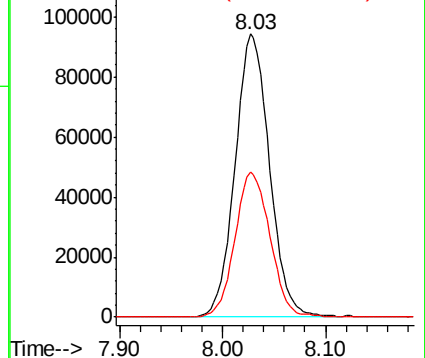
65 100

67 52.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

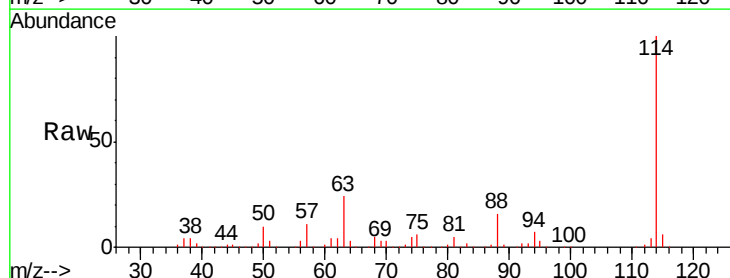
Tgt Ion: 114 Resp: 493006

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.4

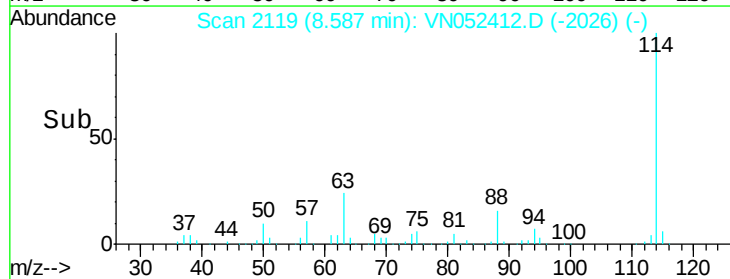
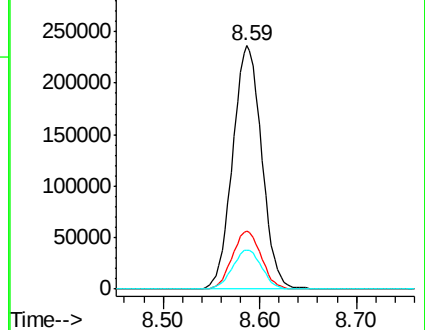
88 16.2 0.0 31.2

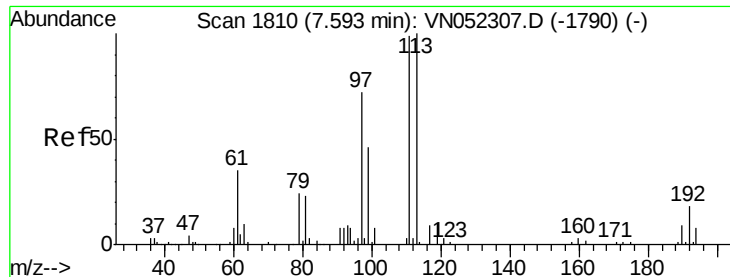


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#06

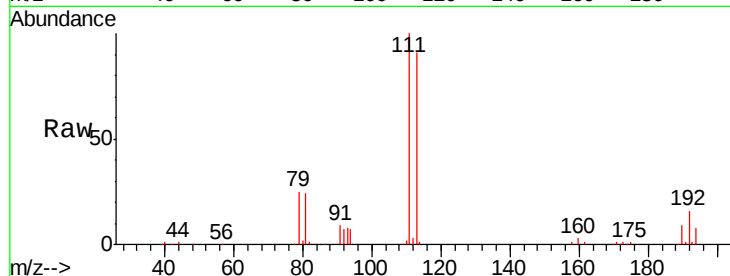
Tgt Ion:113 Resp: 161805

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

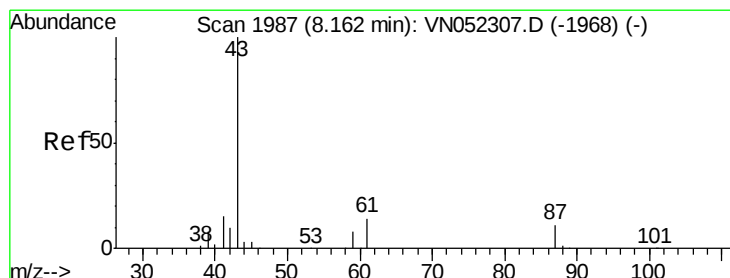
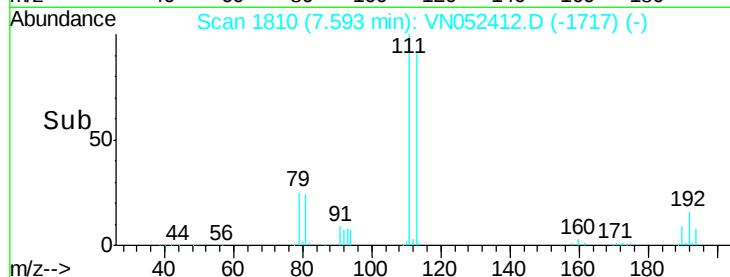
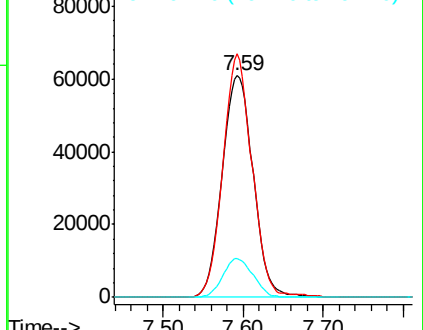
192 17.1 13.8 20.6



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: 2.94 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

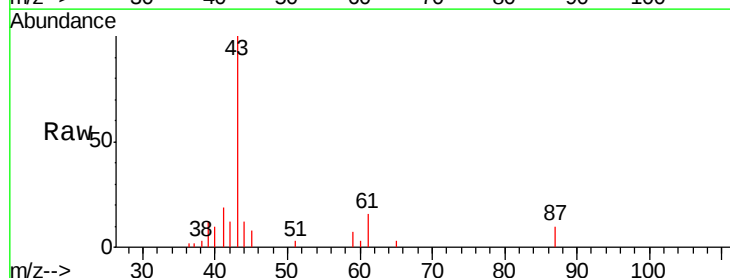
Tgt Ion: 43 Resp: 20364

Ion Ratio Lower Upper

43 100

61 13.6 12.0 18.0

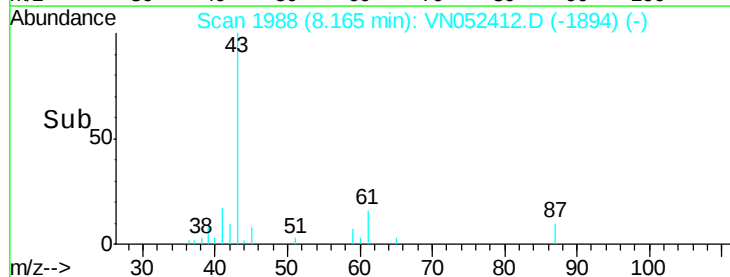
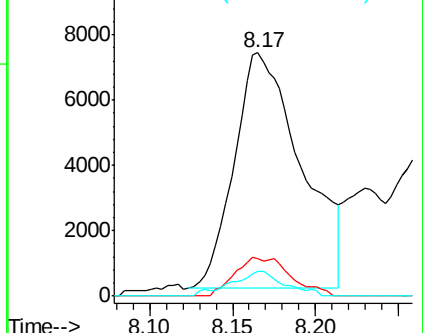
87 8.2 8.3 12.5#

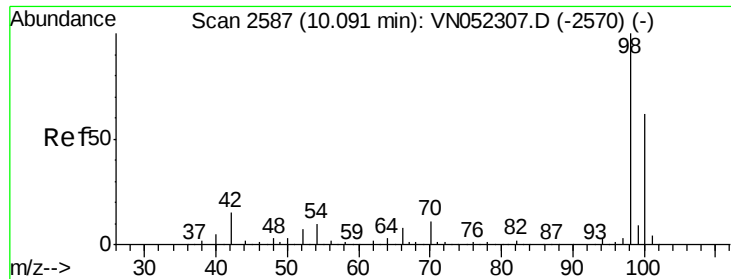


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

Instrument :

MSVOA_N

ClientSampleId :

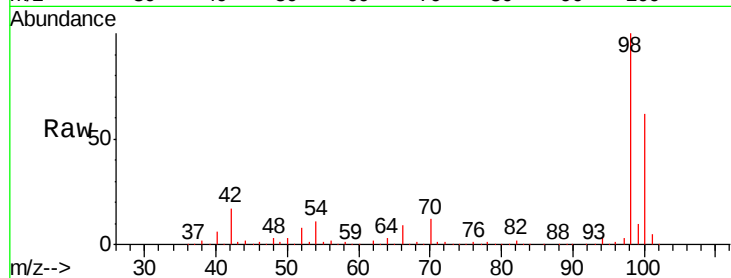
PB114952ZHE#06

Tgt Ion: 98 Resp: 620287

Ion Ratio Lower Upper

98 100

100 61.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)

10.09

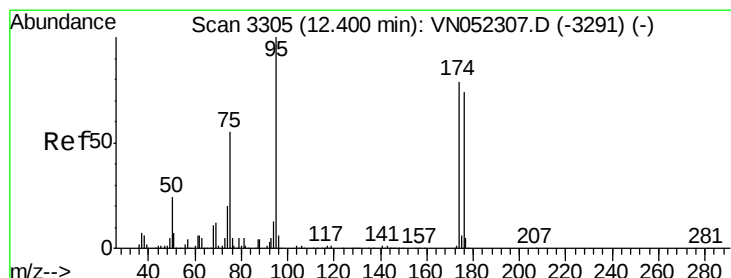
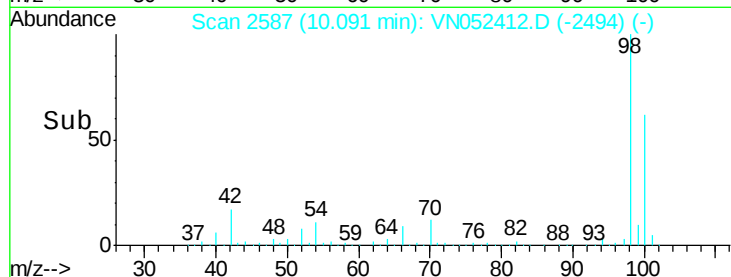
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052412.D

Acq: 20 Nov 2018 17:19

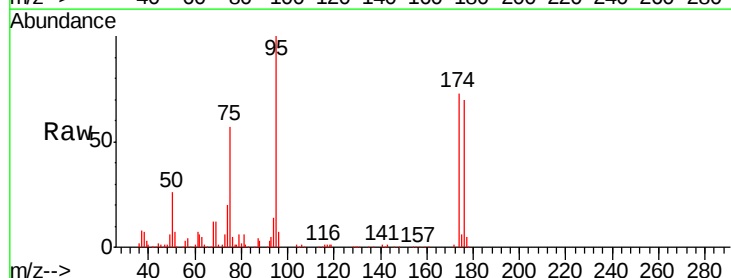
Tgt Ion: 95 Resp: 183580

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

176 72.8 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)

12.40

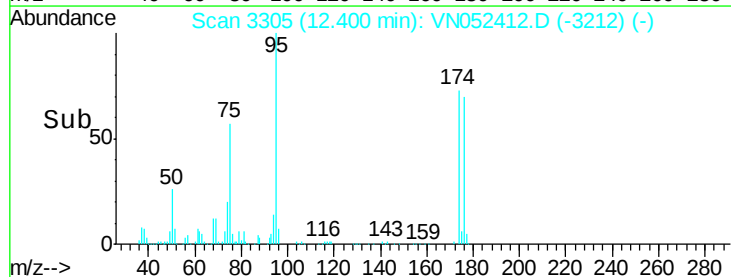
150000

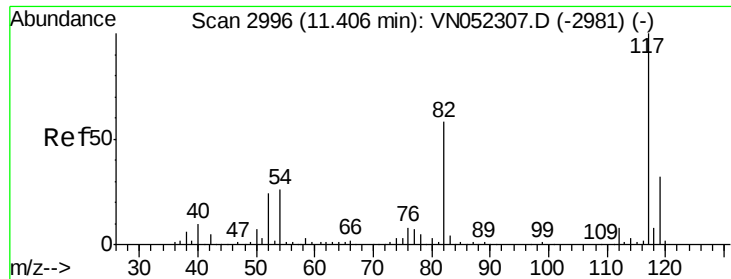
100000

50000

0

Time-->

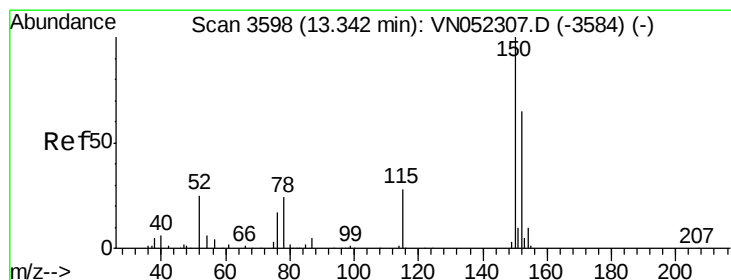
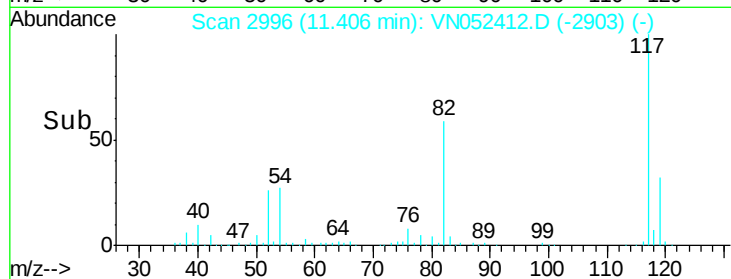
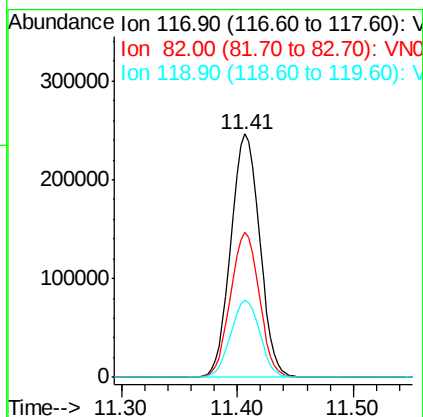
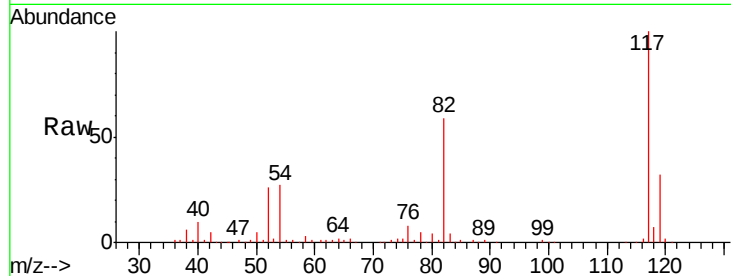




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052412.D
Acq: 20 Nov 2018 17:19

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#06

Tgt Ion:117 Resp: 423543
Ion Ratio Lower Upper
117 100
82 59.3 46.5 69.7
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052412.D
Acq: 20 Nov 2018 17:19

Tgt Ion:152 Resp: 145422
Ion Ratio Lower Upper
152 100
115 61.7 30.3 91.0
150 158.8 0.0 348.2

