

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052322.D
 Acq On : 14 Nov 2018 19:22
 Operator : MD\SY
 Sample : PB114787ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#04

Quant Time: Nov 15 03:42:26 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

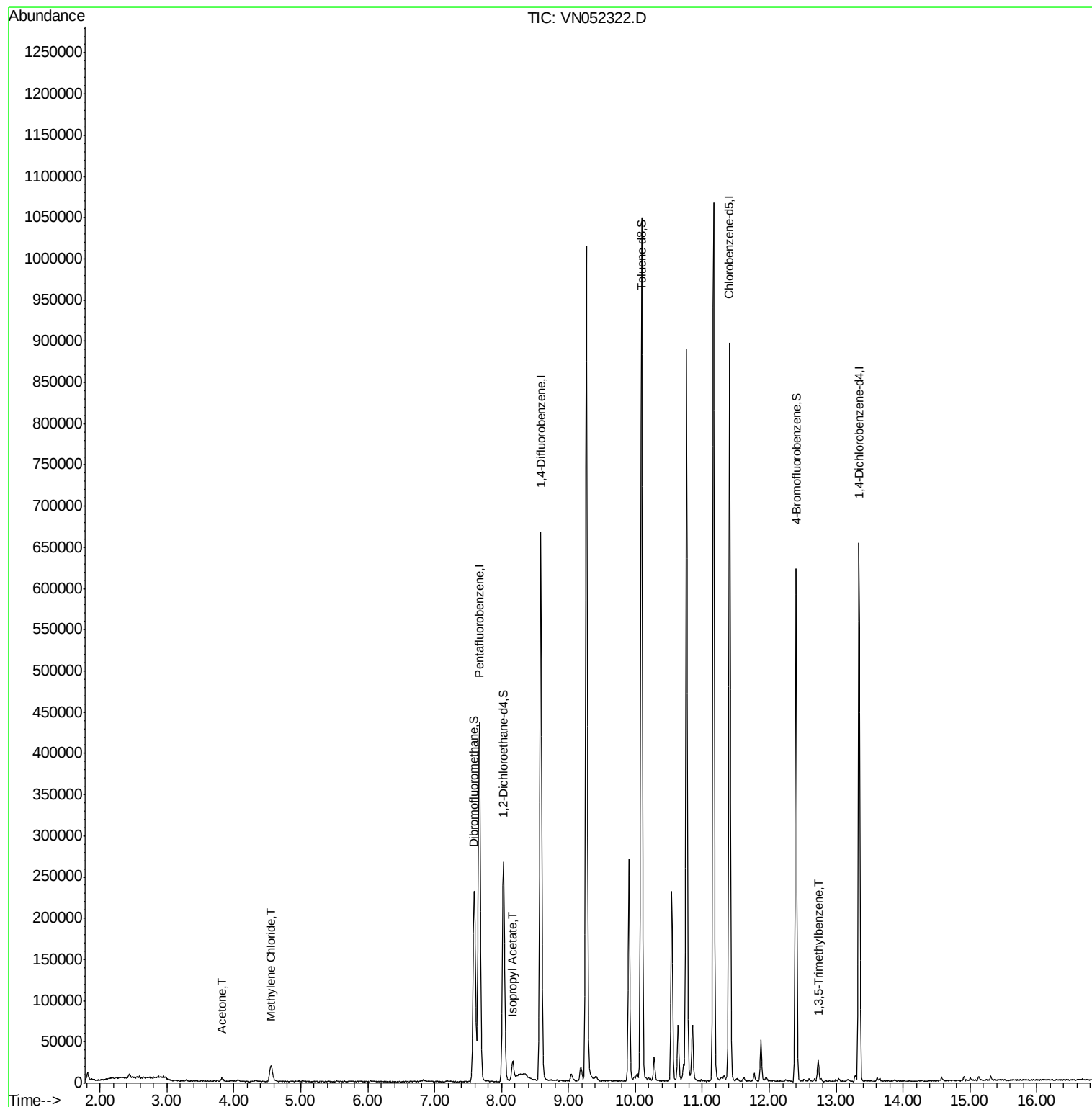
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	328707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	225532	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	173653	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.09	98	689598	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	199939	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
Target Compounds						
16) Acetone	3.82	43	6240	4.882	ug/l #	88
20) Methylene Chloride	4.56	84	12512	2.553	ug/l	92
43) Isopropyl Acetate	8.17	43	34716	4.515	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	12002	1.182	ug/l	97

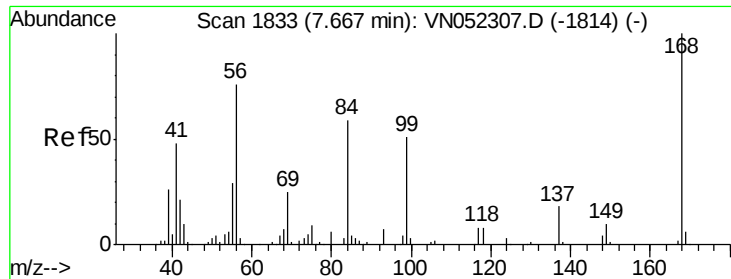
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111418\
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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 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: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

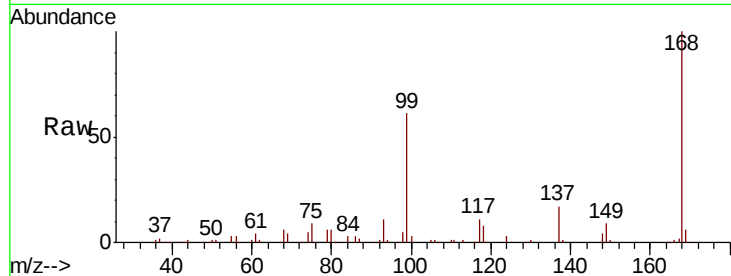
PB114787ZHE#04

Tot Ion:168 Resp: 328707

Ion Ratio Lower Upper

168 100

99 60.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

150000

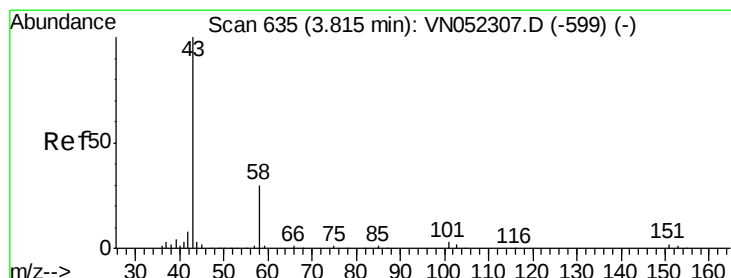
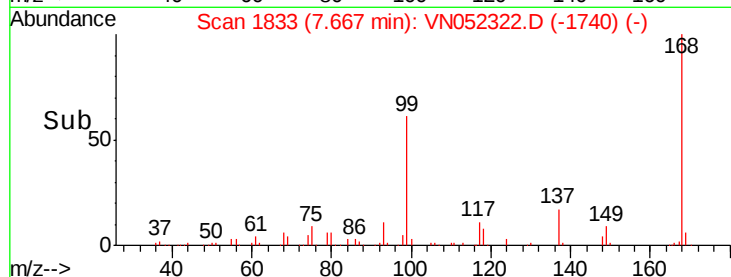
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 4.882 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052322.D

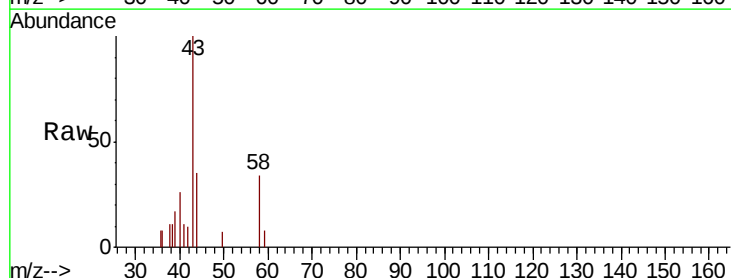
Acq: 14 Nov 2018 19:22

Tgt Ion: 43 Resp: 6240

Ion Ratio Lower Upper

43 100

58 36.8 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

2500

2000

1500

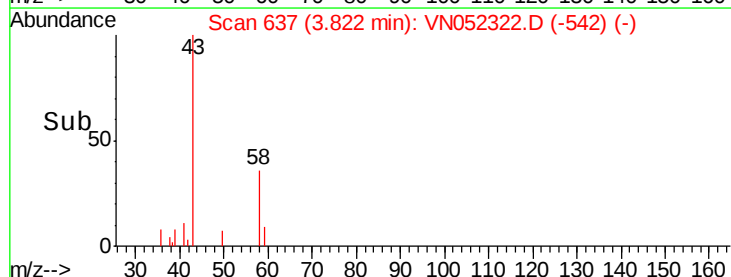
1000

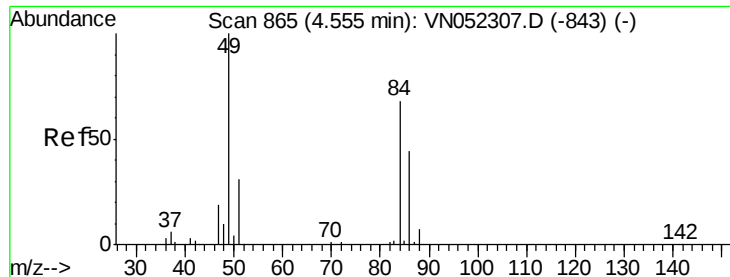
500

0

3.75 3.80 3.85 3.90

Time-->

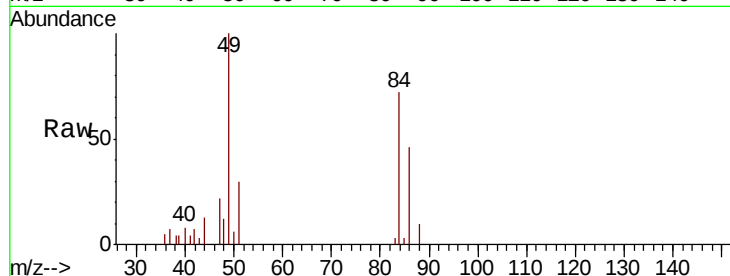




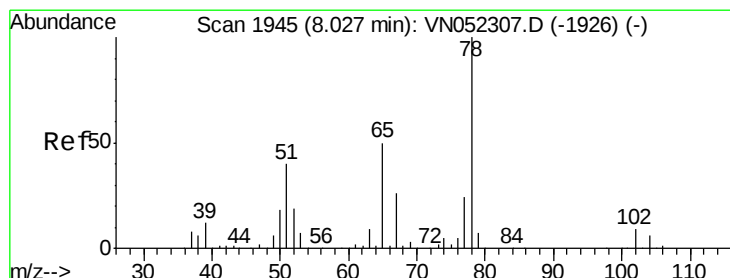
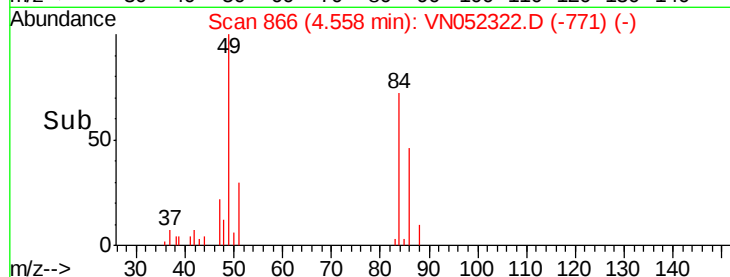
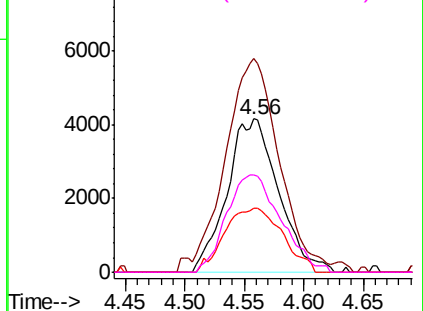
#20
Methvlene Chloride
Concen: 2.553 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#04

Tot Ion: 84 Resp: 12512
Ion Ratio Lower Upper
84 100
49 132.6 118.2 177.2
51 42.0 36.1 54.1
86 63.7 51.6 77.4

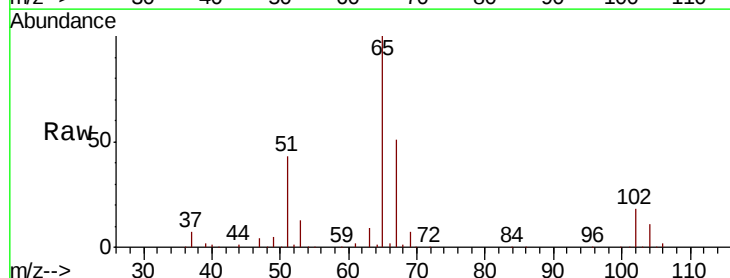


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

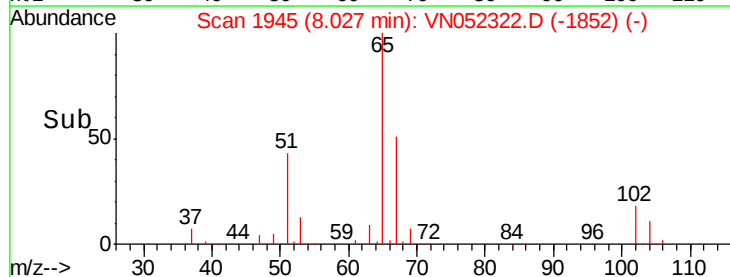
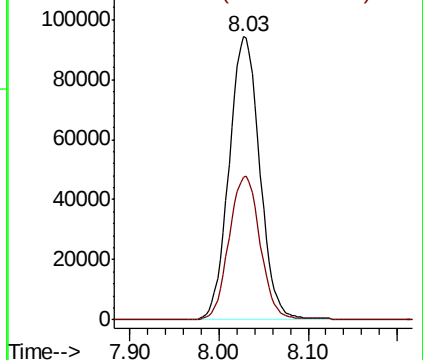


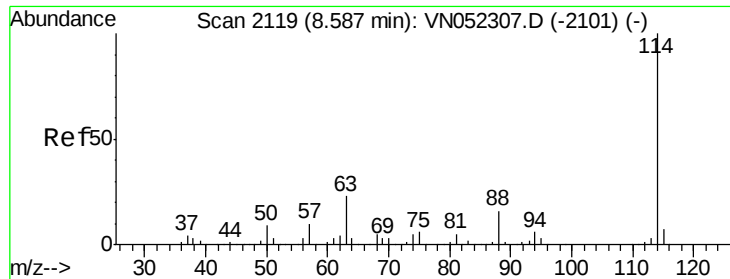
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052322.D
Acq: 14 Nov 2018 19:22

Tgt Ion: 65 Resp: 225532
Ion Ratio Lower Upper
65 100
67 51.5 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: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

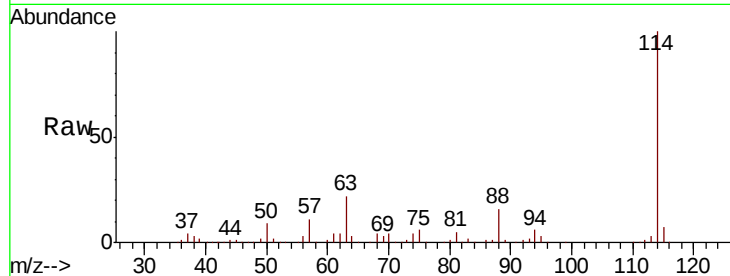
Tot Ion:114 Resp: 547730

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.4

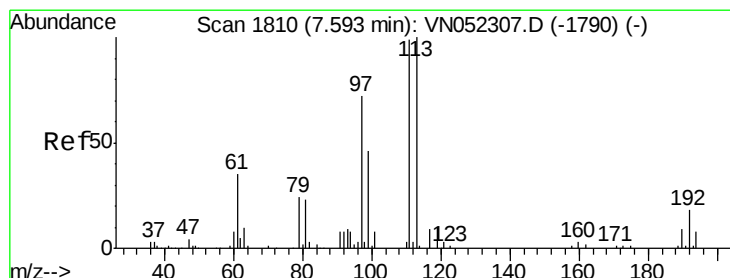
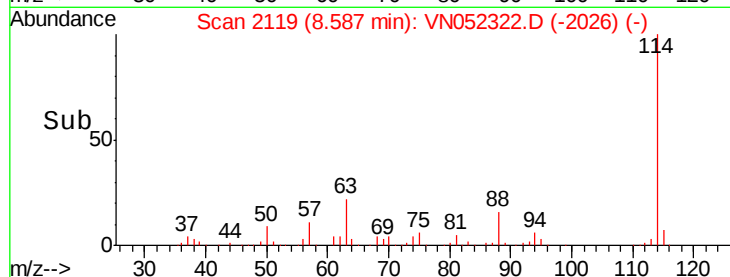
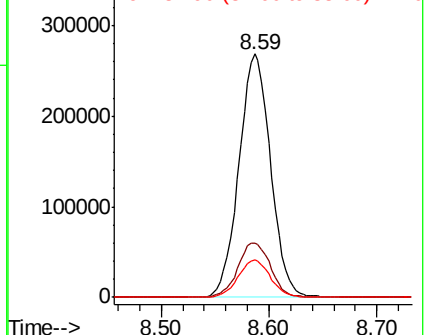
88 15.6 0.0 31.2



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: VN052322.D

Acq: 14 Nov 2018 19:22

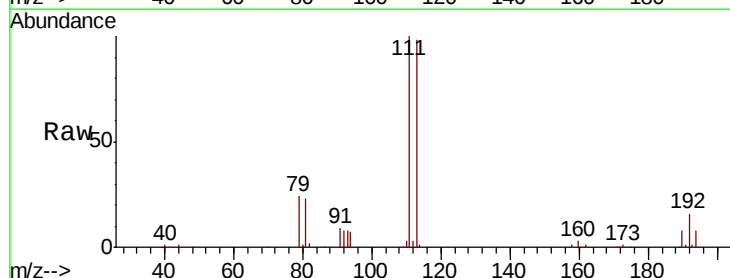
Tgt Ion:113 Resp: 173653

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

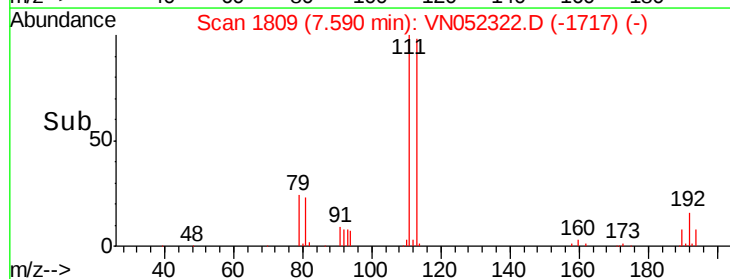
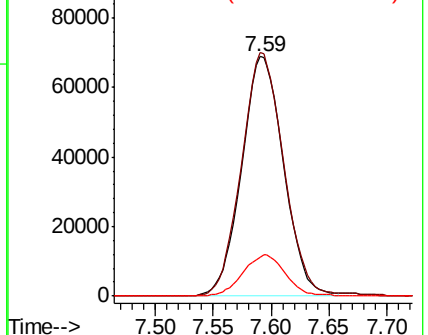
192 17.6 13.8 20.6

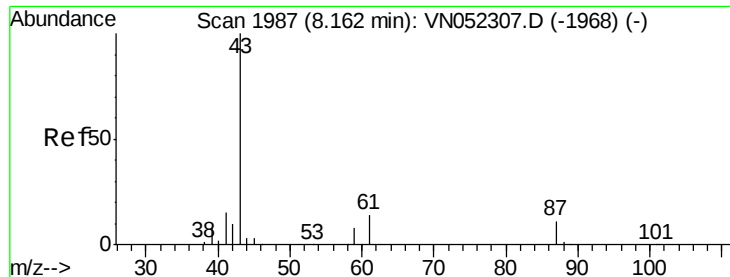


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.515 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

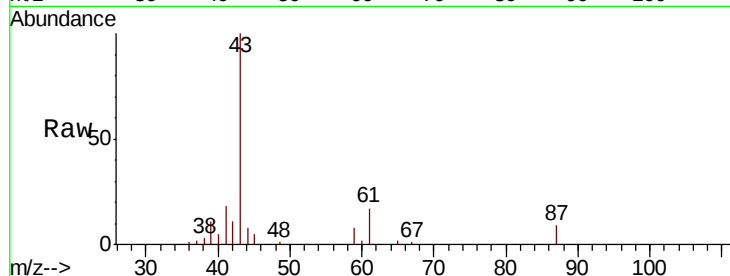
Tot Ion: 43 Resp: 34716

Ion Ratio Lower Upper

43 100

61 15.8 12.0 18.0

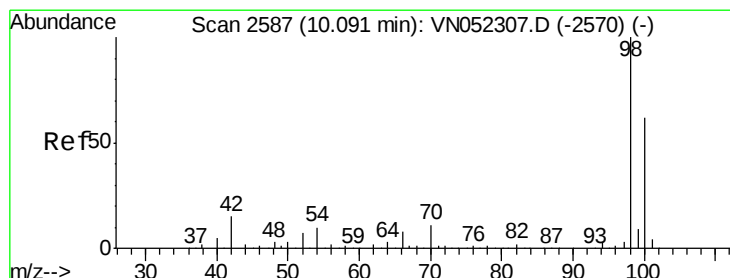
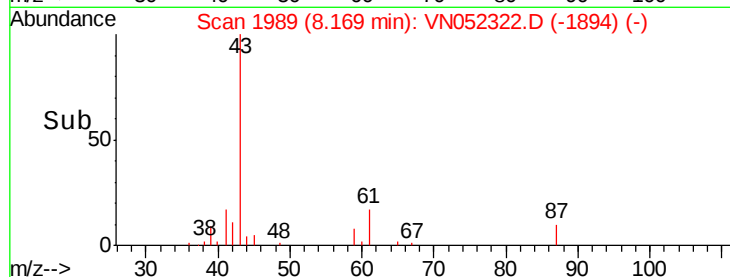
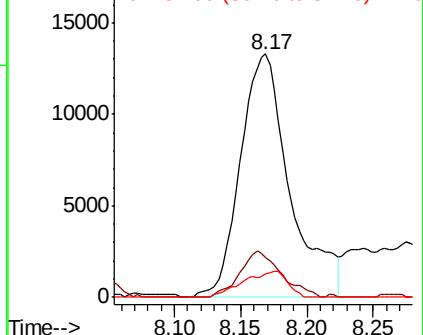
87 9.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052322.D

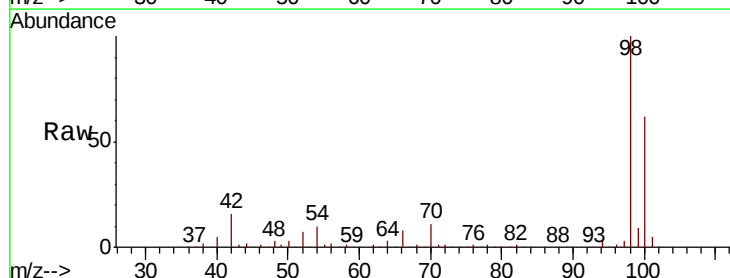
Acq: 14 Nov 2018 19:22

Tgt Ion: 98 Resp: 689598

Ion Ratio Lower Upper

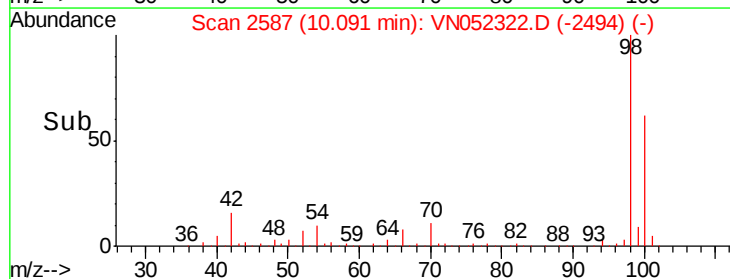
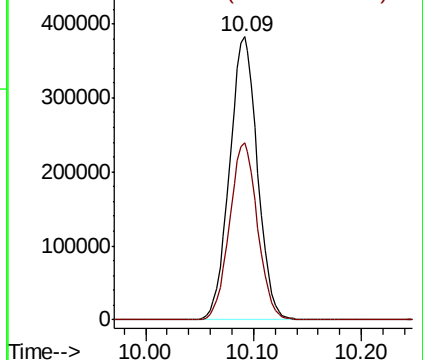
98 100

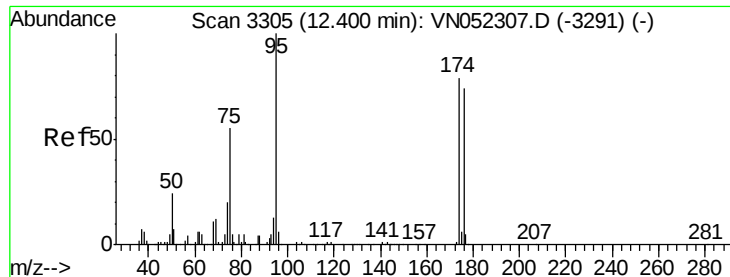
100 62.5 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

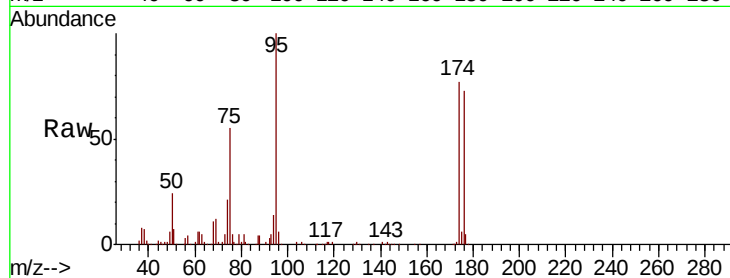
Tot Ion: 95 Resp: 199939

Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.0

176 73.1 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

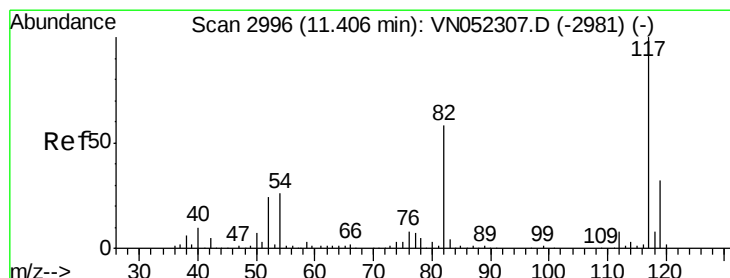
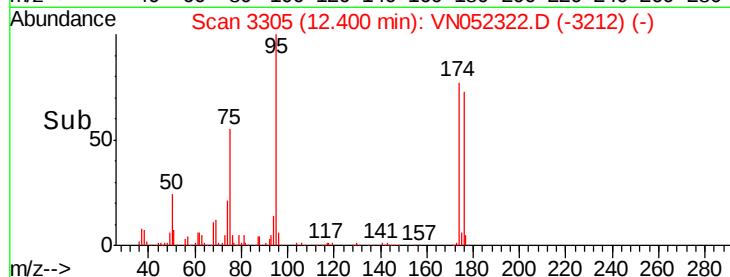
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

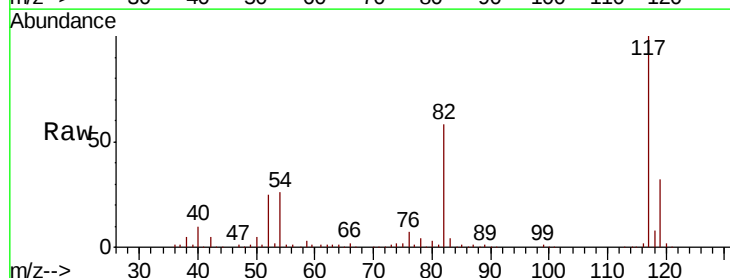
Tgt Ion: 117 Resp: 467927

Ion Ratio Lower Upper

117 100

82 58.1 46.5 69.7

119 32.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

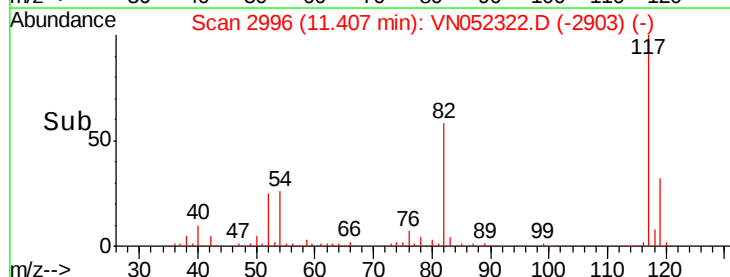
300000

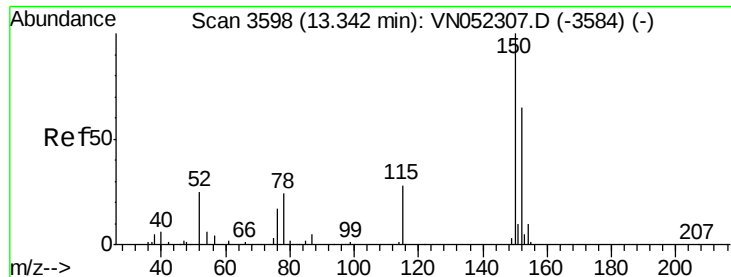
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052322.D

Acq: 14 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#04

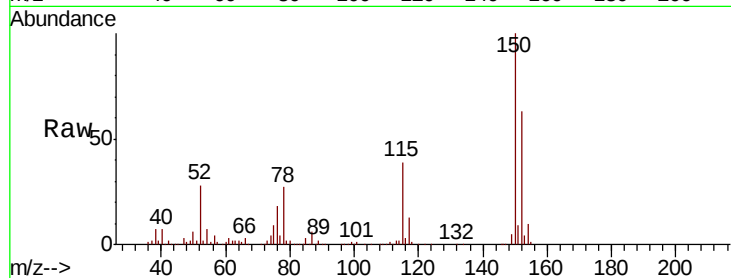
Tot Ion:152 Resp: 158776

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

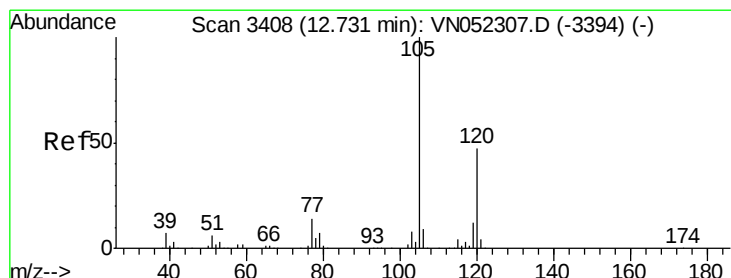
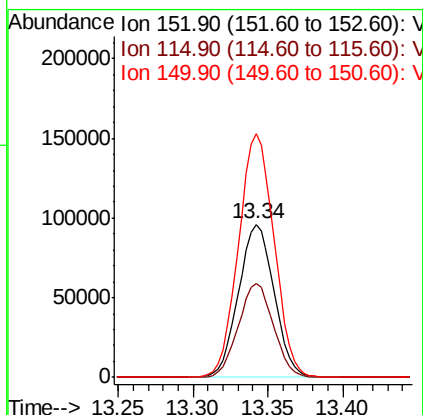
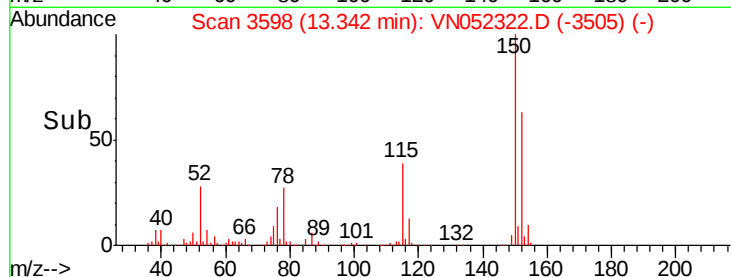
150 159.0 0.0 348.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.182 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052322.D

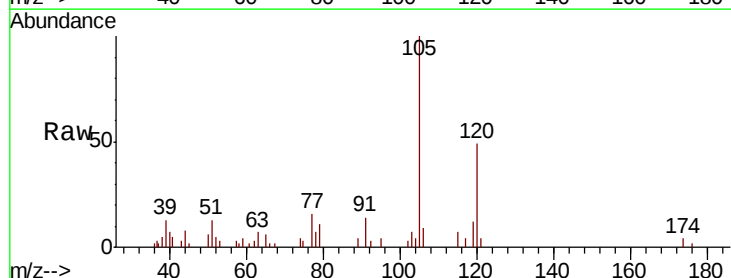
Acq: 14 Nov 2018 19:22

Tgt Ion:105 Resp: 12002

Ion Ratio Lower Upper

105 100

120 49.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

