

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050318.D
 Acq On : 3 Aug 2018 17:27
 Operator : MD\SY
 Sample : PB111719ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

Quant Time: Aug 04 00:10:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	939737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	467595	51.82	ug/l	0.00
Spiked Amount						
			Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	402536	45.74	ug/l	0.00
Spiked Amount						
			Recovery	=	91.48%	
50) Toluene-d8	10.09	98	1469888	45.43	ug/l	0.00
Spiked Amount						
			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.40	95	435647	40.89	ug/l	0.00
Spiked Amount						
			Recovery	=	81.78%	

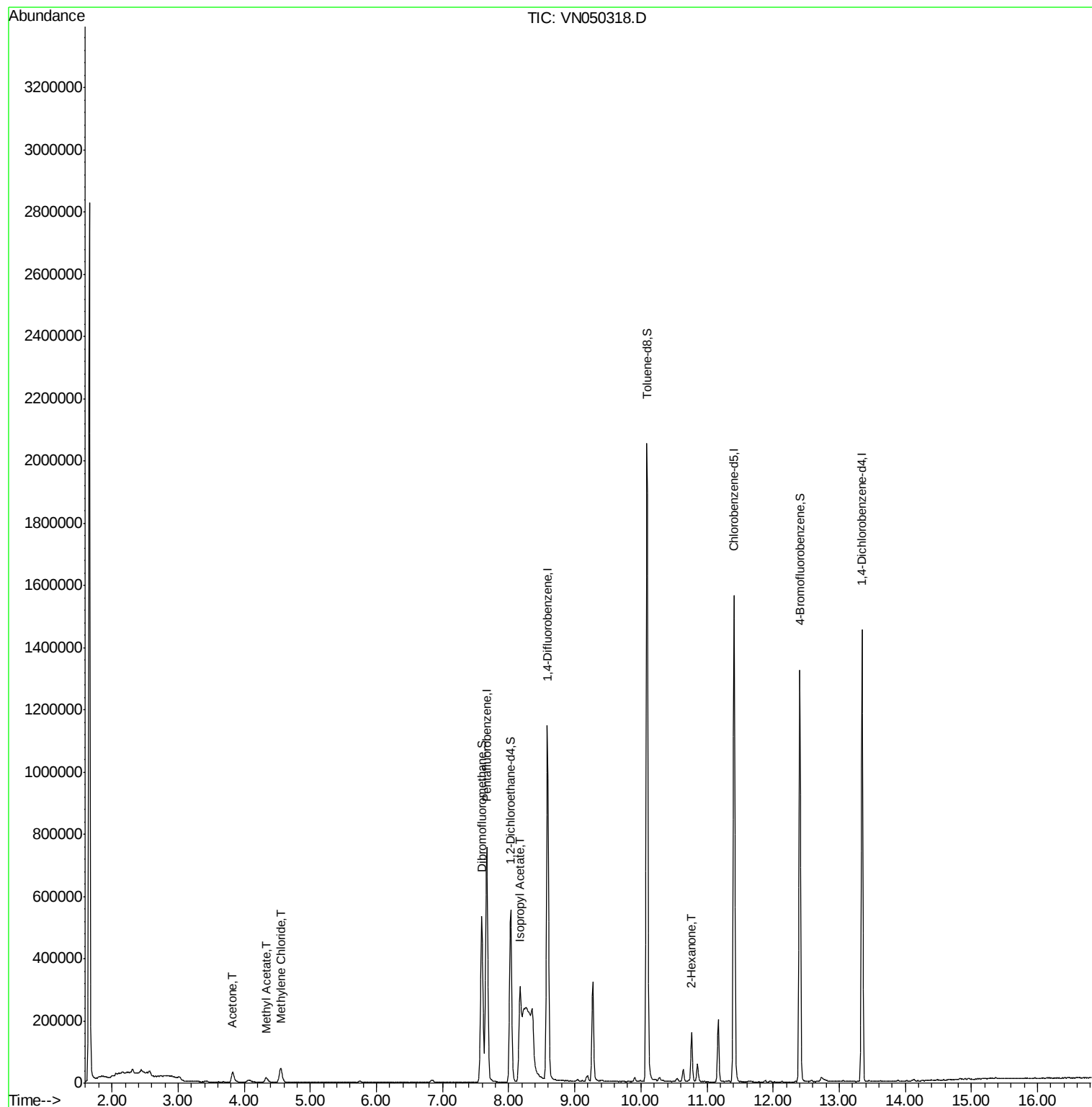
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	58443	23.56	ug/l	97
18) Methyl Acetate	4.33	43	27751	1.79	ug/l	97
20) Methylene Chloride	4.55	84	36107	3.34	ug/l	97
43) Isopropyl Acetate	8.17	43	374439	22.85	ug/l #	91
59) 2-Hexanone	10.77	43	22572	8.79	ug/l #	60

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

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Quant Time: Aug 04 00:10:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

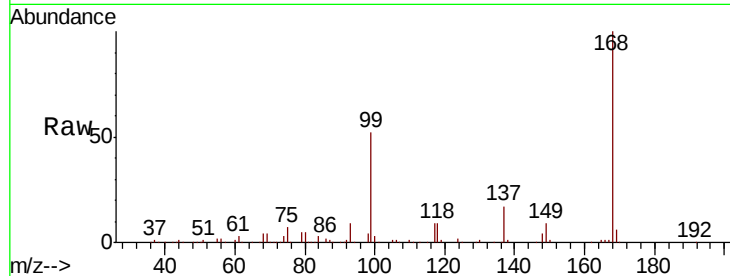
PB111719ZHE#03

Tot Ion:168 Resp: 646784

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

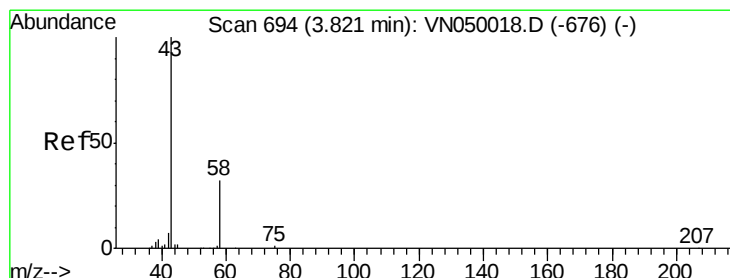
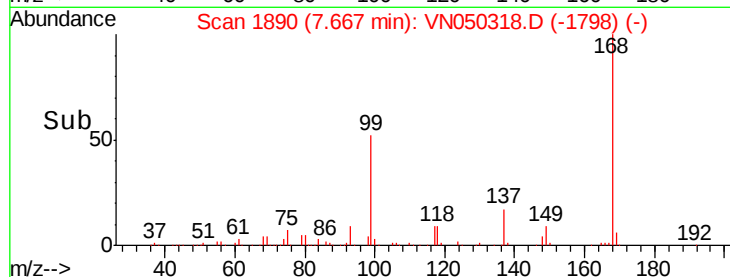
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.56 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050318.D

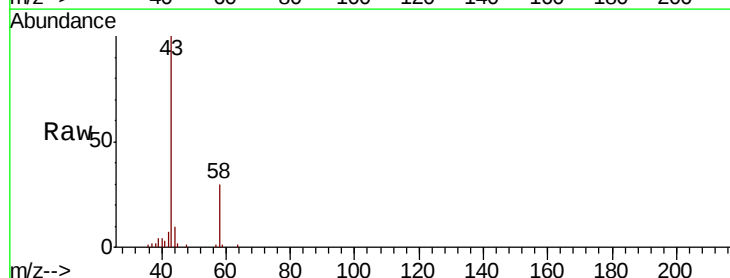
Acq: 3 Aug 2018 17:27

Tgt Ion: 43 Resp: 58443

Ion Ratio Lower Upper

43 100

58 30.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.82

25000

20000

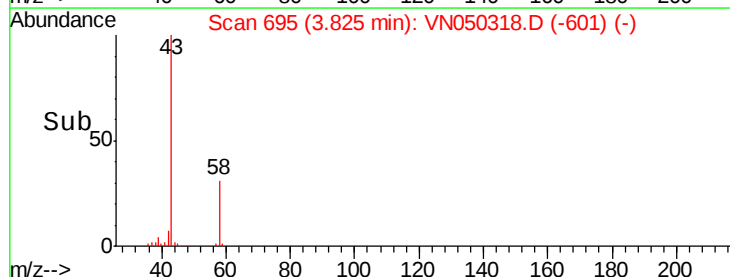
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10000

5000

0

Time-->

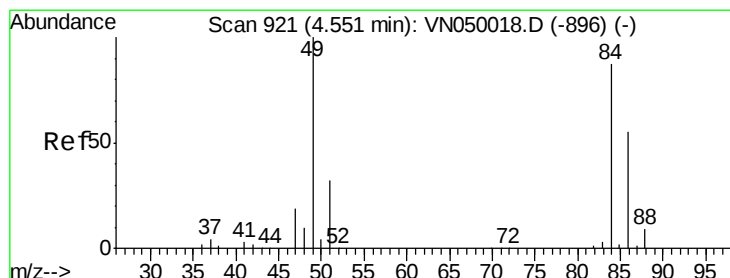
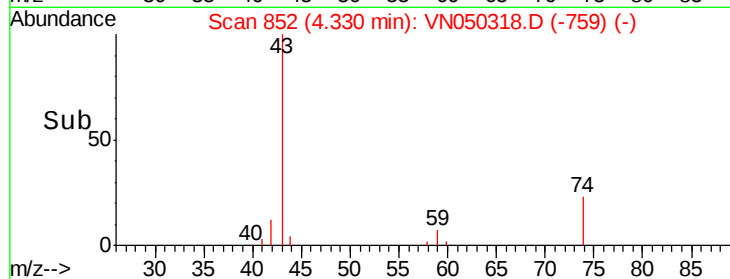
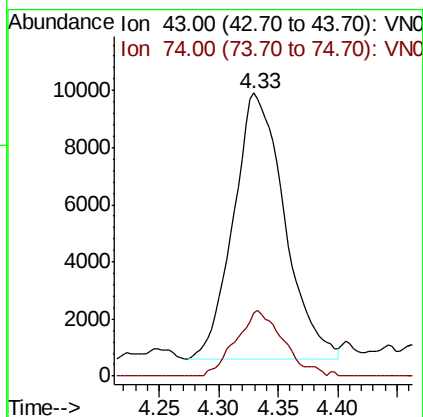
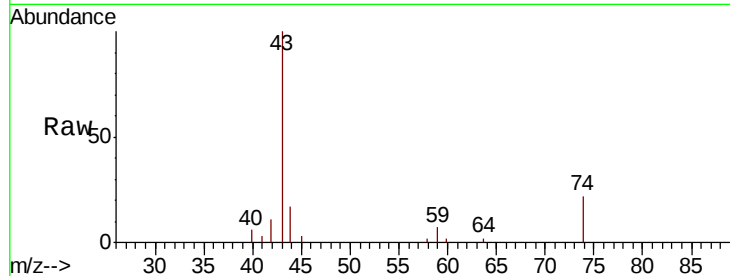




#18
Methyl Acetate
Concen: 1.79 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

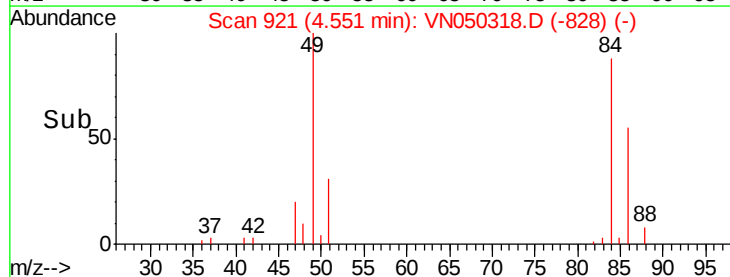
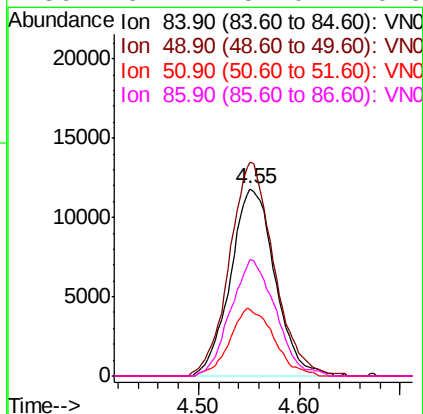
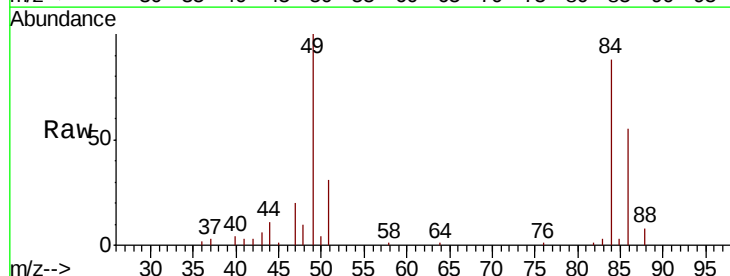
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#03

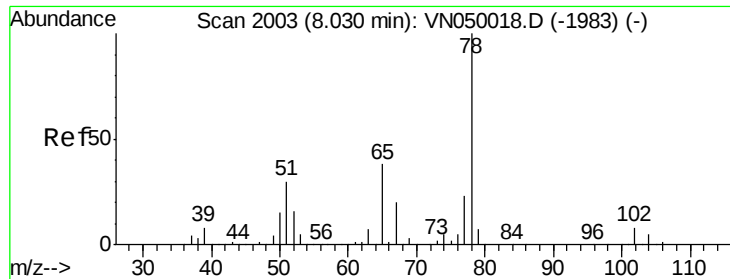
Tot Ion: 43 Resp: 27751
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8



#20
Methylene Chloride
Concen: 3.34 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

Tgt Ion: 84 Resp: 36107
Ion Ratio Lower Upper
84 100
49 114.0 94.8 142.2
51 35.7 28.3 42.5
86 62.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.82 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

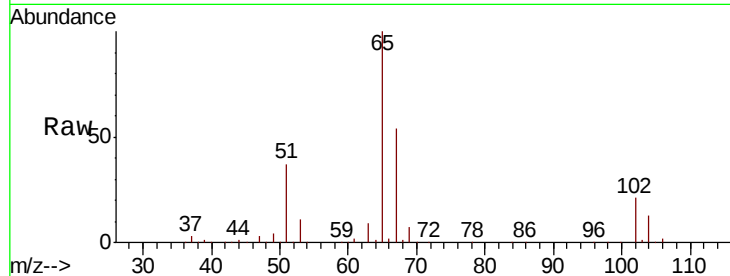
PB111719ZHE#03

Tot Ion: 65 Resp: 467595

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

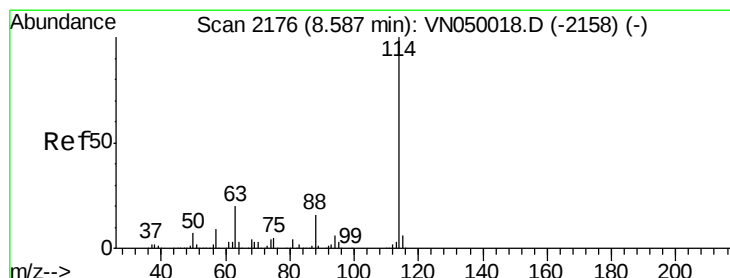
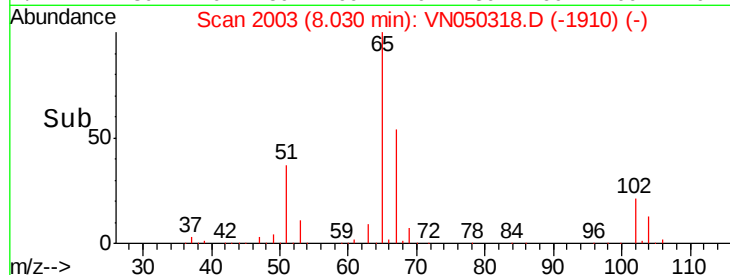
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

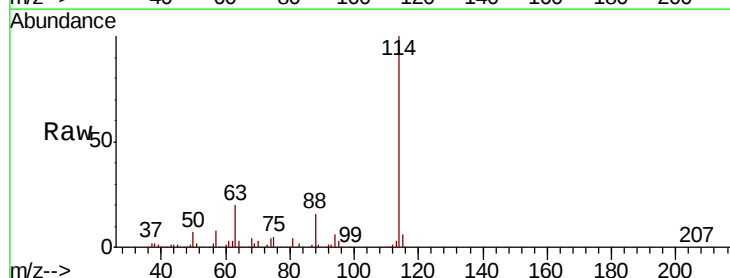
Tgt Ion:114 Resp: 1077881

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.7 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

8.59

600000

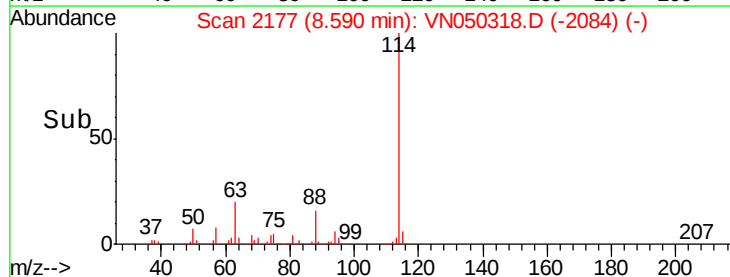
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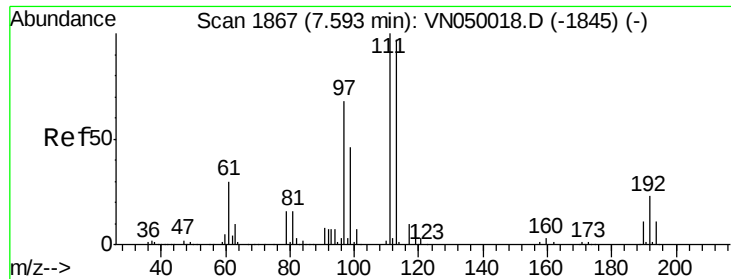
200000

0

Time-->

8.50 8.60 8.70

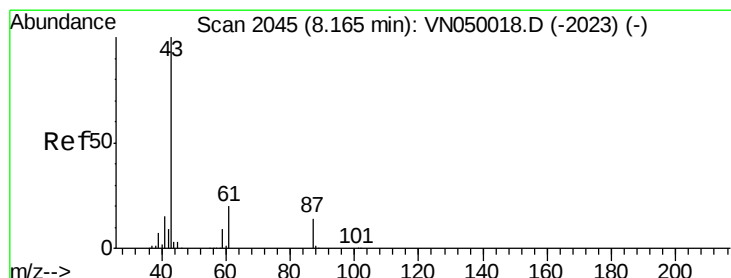
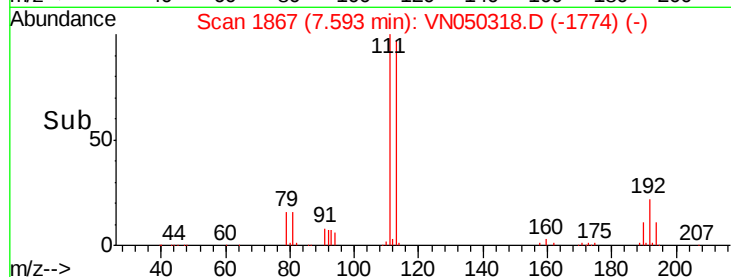
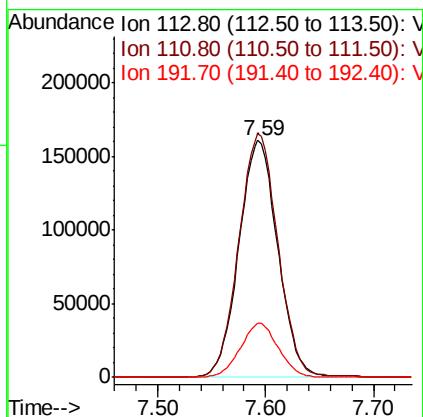
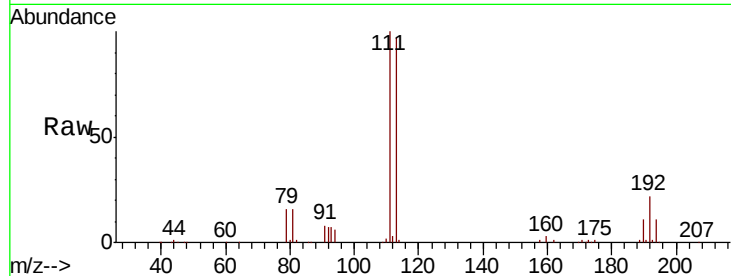




#35
 Dibromofluoromethane
 Concen: 45.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

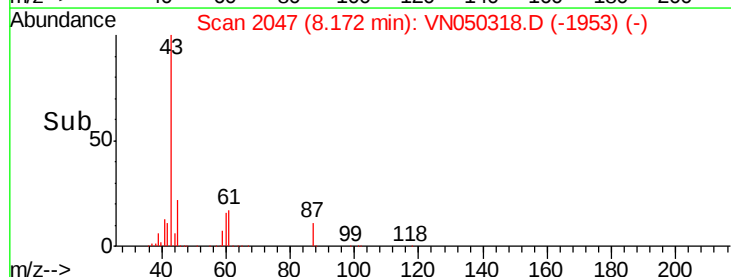
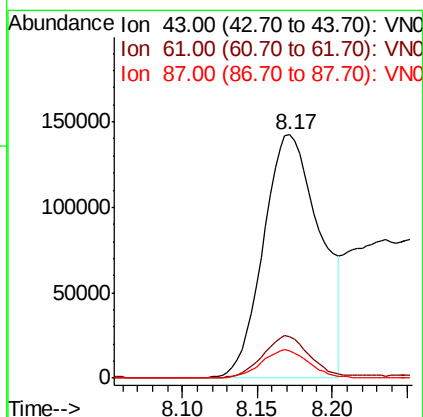
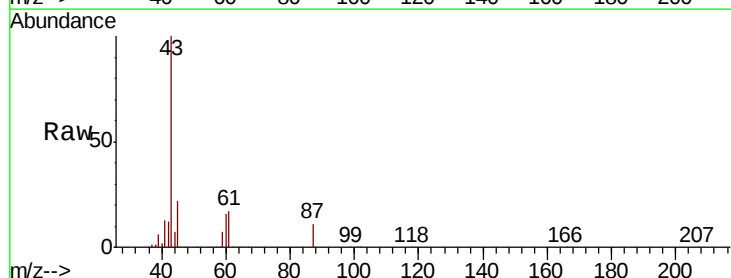
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

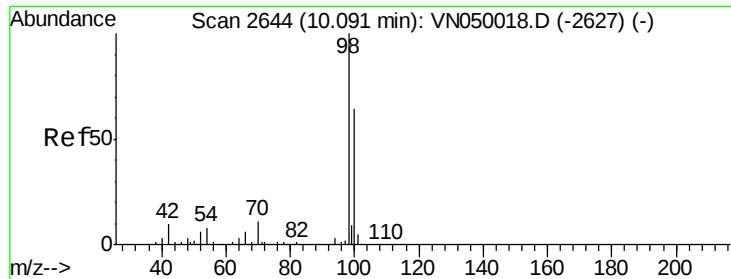
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	22.4	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 22.85 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	15.8	23.6#
87	9.7	10.3	15.5#

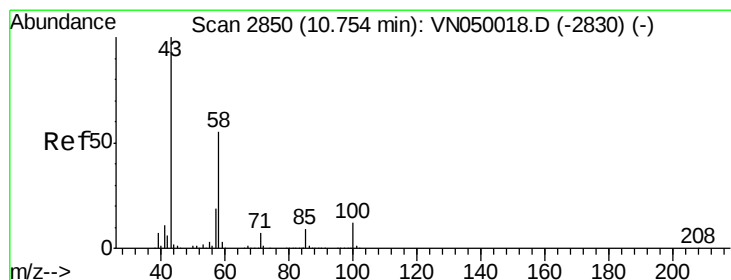
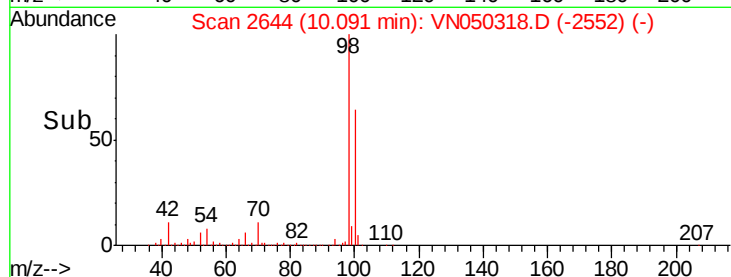
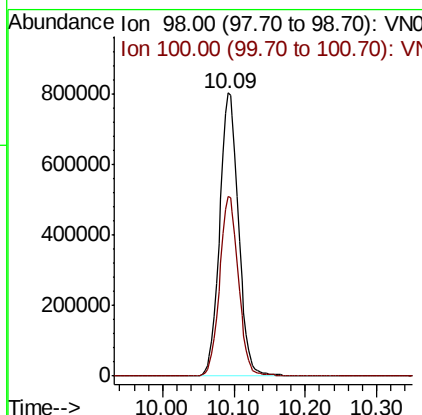
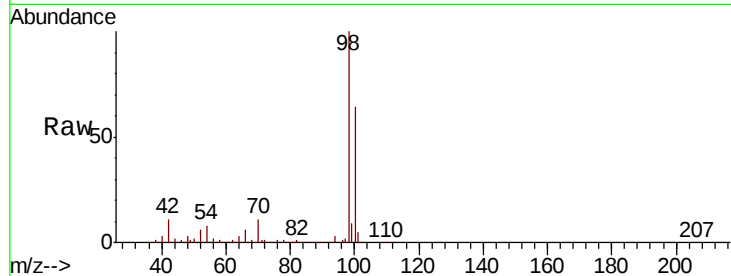




#50
Toluene-d8
Concen: 45.43 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

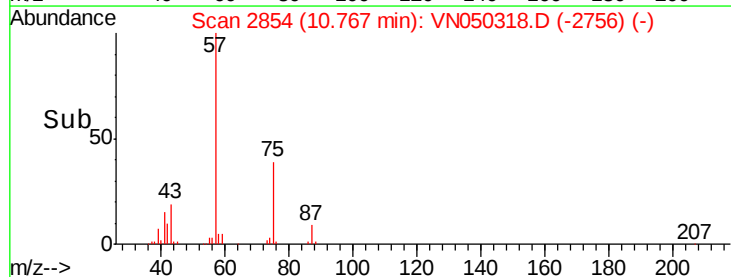
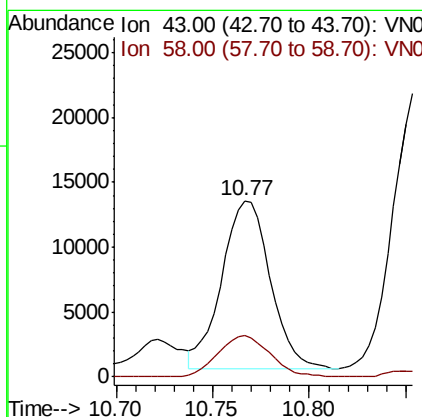
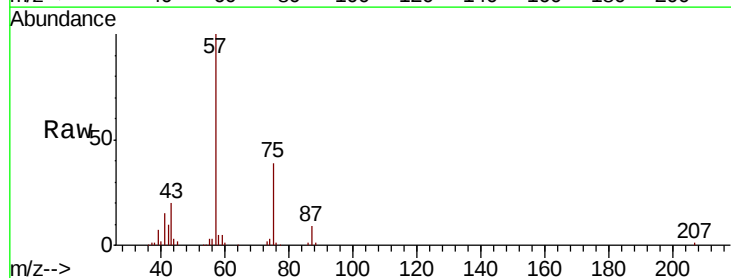
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#03

Tot Ion: 98 Resp: 1469888
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#59
2-Hexanone
Concen: 8.79 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

Tgt Ion: 43 Resp: 22572
Ion Ratio Lower Upper
43 100
58 26.4 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 40.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

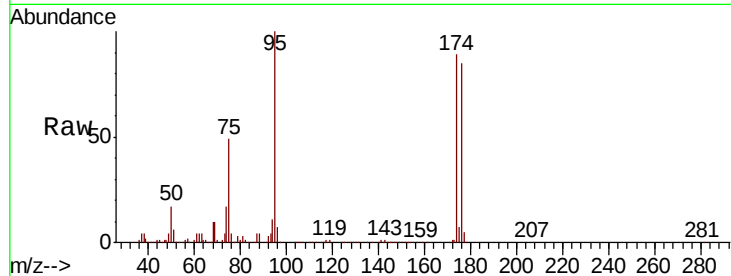
Tot Ion: 95 Resp: 435647

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

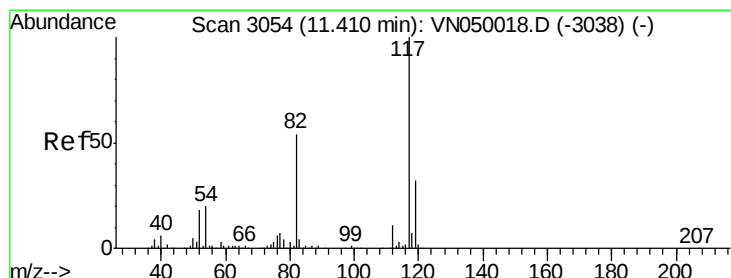
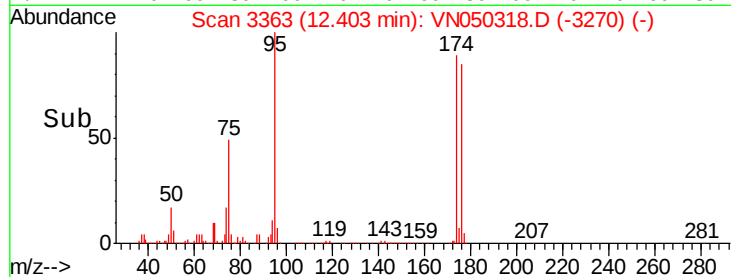
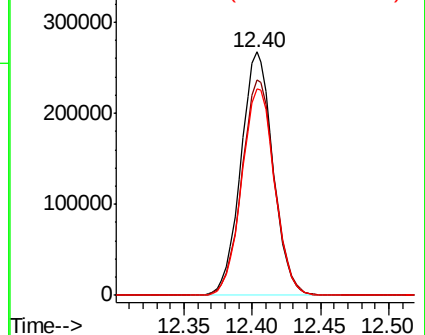
176 87.2 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

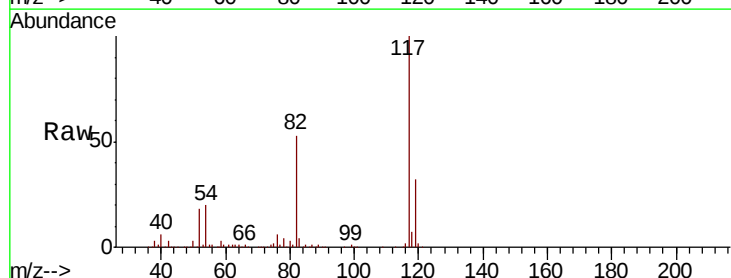
Tgt Ion: 117 Resp: 939737

Ion Ratio Lower Upper

117 100

82 53.3 43.7 65.5

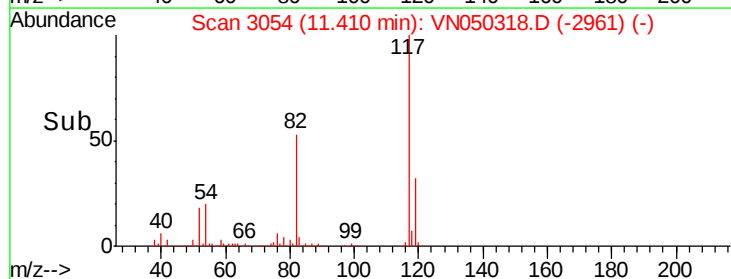
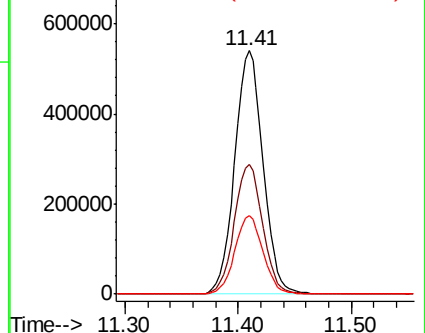
119 32.2 26.1 39.1

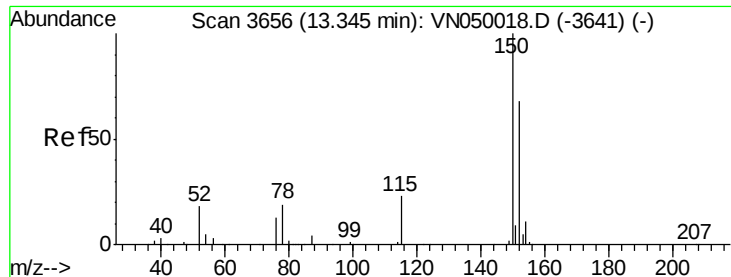


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

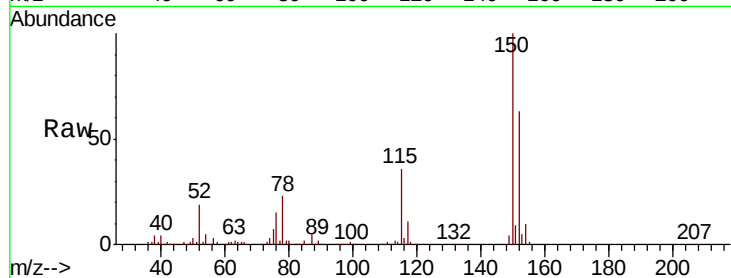
Tot Ion:152 Resp: 405155

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

150 157.9 0.0 348.6



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

