

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051331.D
 Acq On : 19 Sep 2018 20:10
 Operator : MD\SY
 Sample : PB112984ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112984ZHE#05

Quant Time: Sep 20 03:09:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	527848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	853596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	701759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	224988	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	312988	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	7.59	113	313388	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.09	98	1115878	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.40	95	292919	37.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.12%	

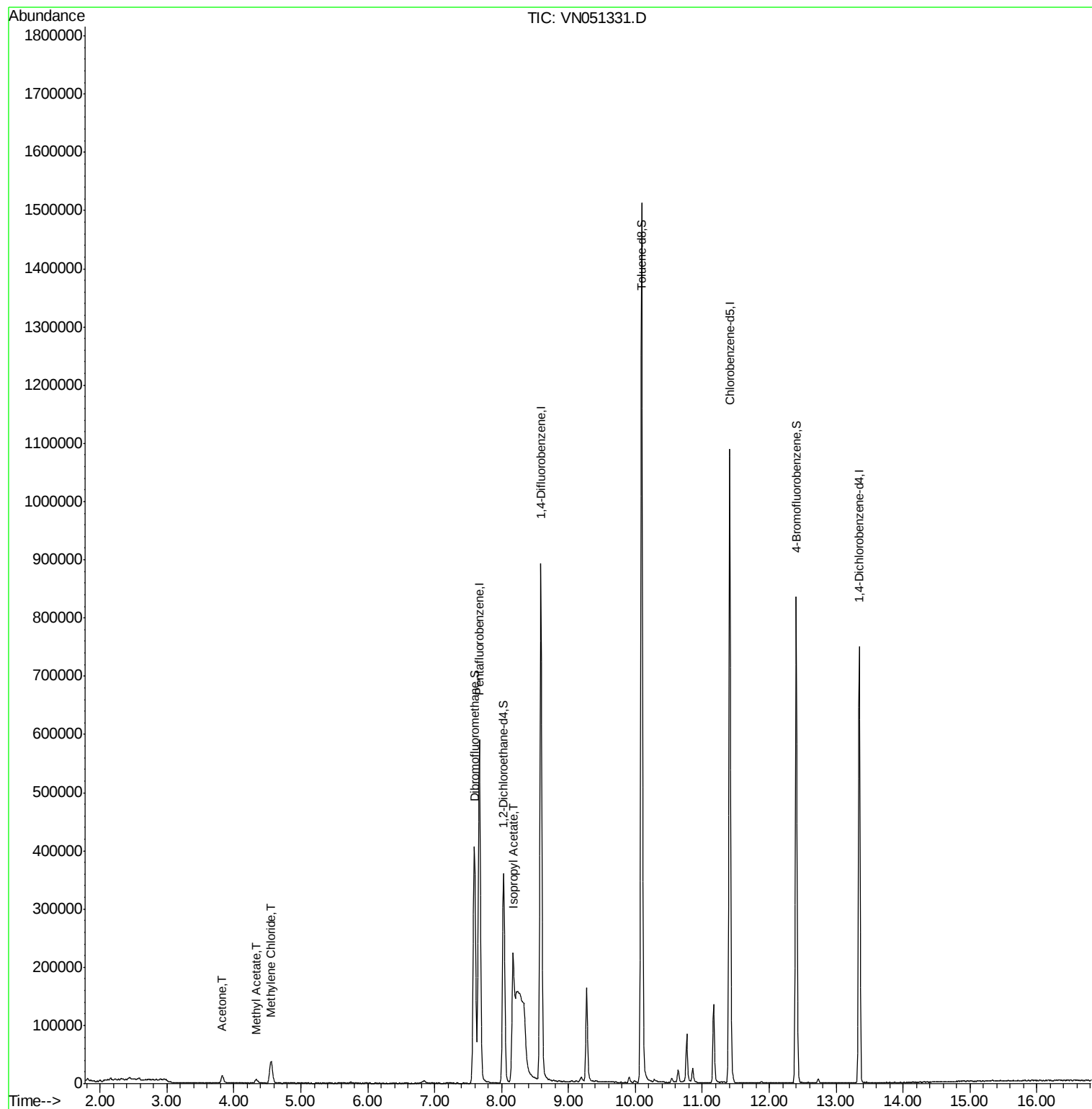
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22005	7.67	ug/l	89
18) Methyl Acetate	4.34	43	13067	2.65	ug/l #	79
20) Methylene Chloride	4.55	84	31264	4.98	ug/l	95
43) Isopropyl Acetate	8.17	43	264086	32.13	ug/l #	90

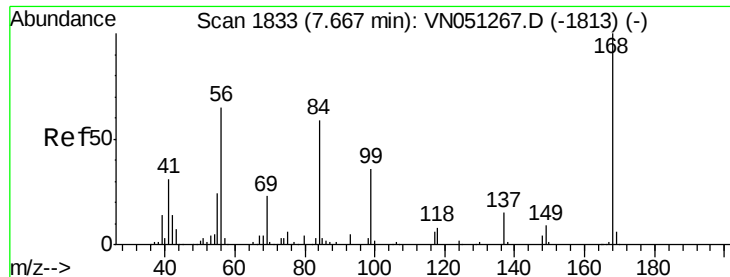
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

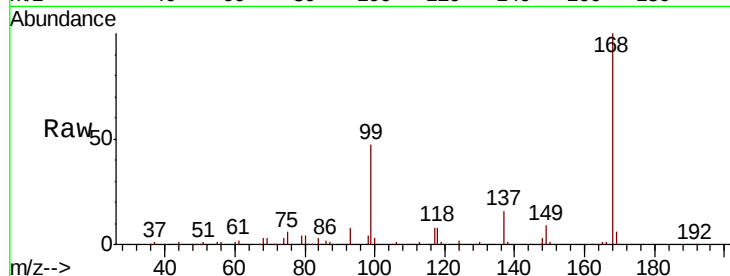
PB112984ZHE#05

Tot Ion:168 Resp: 527848

Ion Ratio Lower Upper

168 100

99 46.8 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

250000

200000

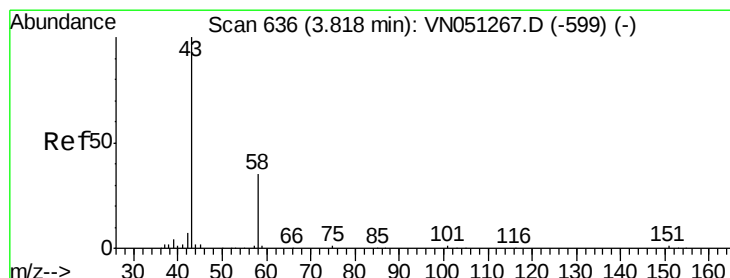
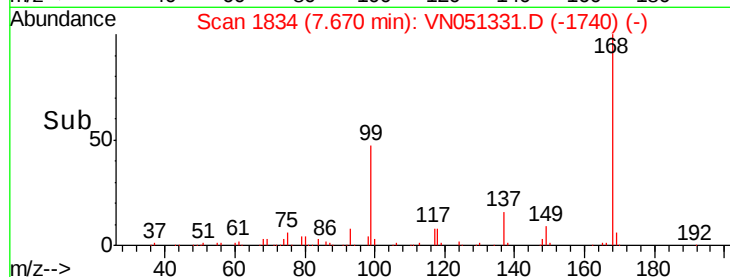
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.67 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051331.D

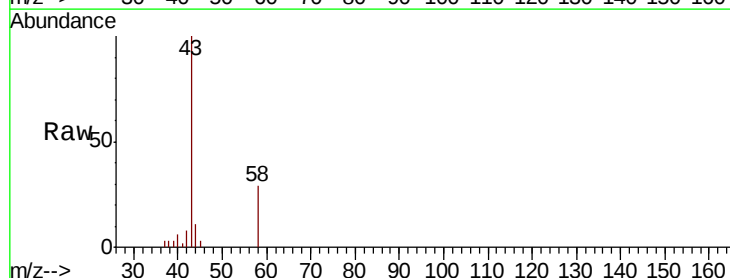
Acq: 19 Sep 2018 20:10

Tgt Ion: 43 Resp: 22005

Ion Ratio Lower Upper

43 100

58 28.9 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-599) (-)

3.82

8000

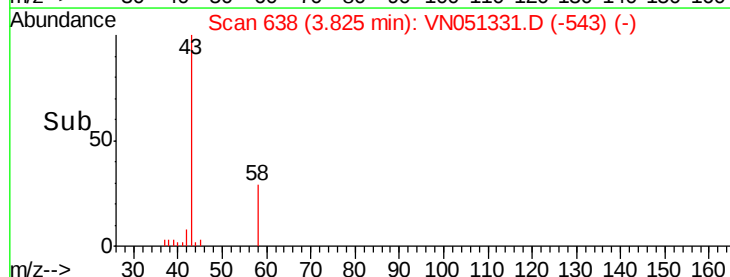
6000

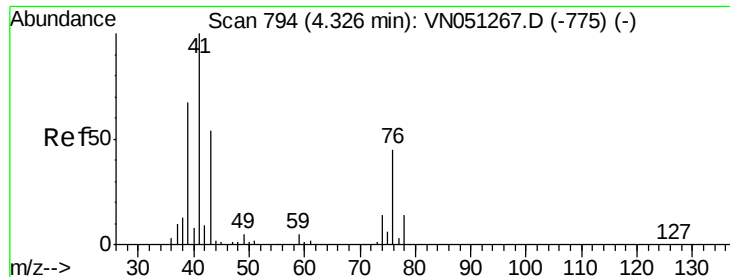
4000

2000

0

Time-->

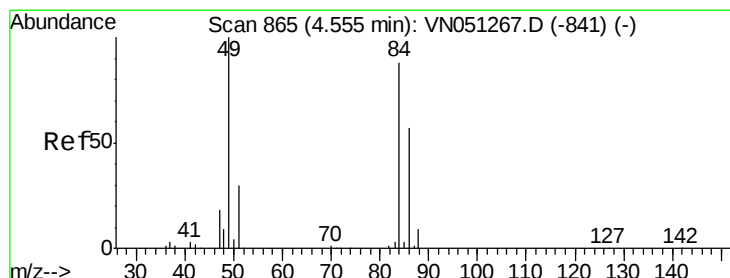
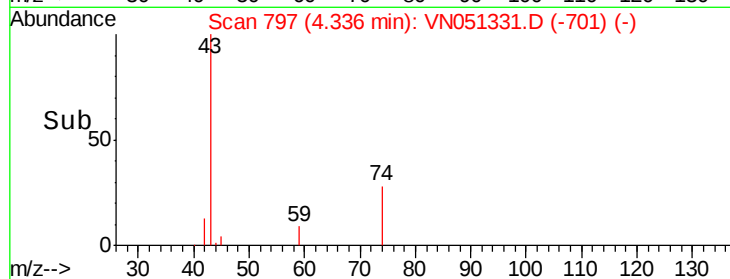
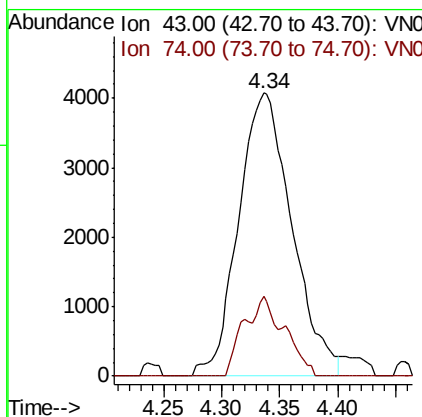
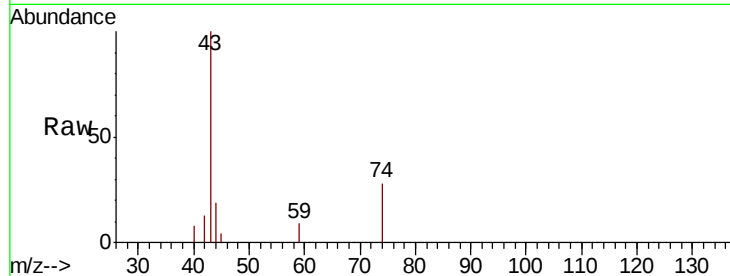




#18
Methyl Acetate
Concen: 2.65 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051331.D
Acq: 19 Sep 2018 20:10

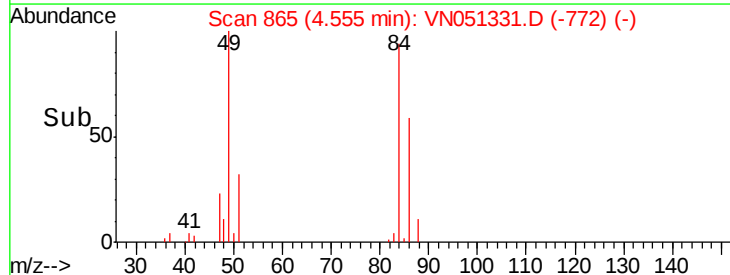
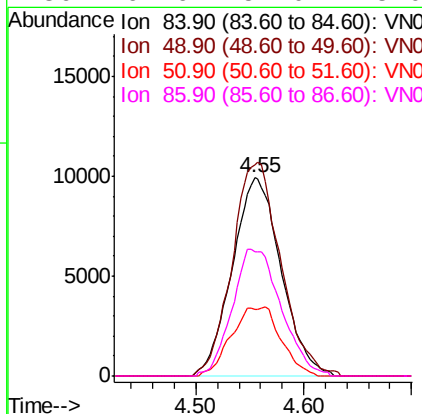
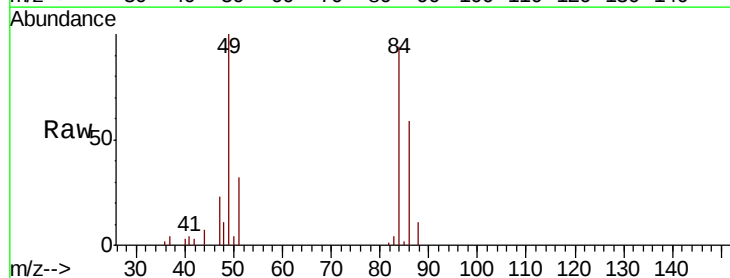
Instrument :
MSVOA_N
ClientSampleId :
PB112984ZHE#05

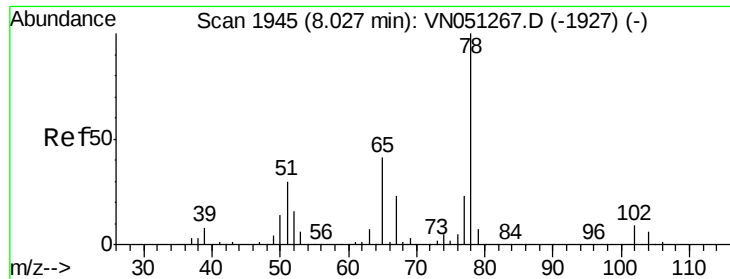
Tot Ion: 43 Resp: 13067
Ion Ratio Lower Upper
43 100
74 15.1 20.8 31.2#



#20
Methylene Chloride
Concen: 4.98 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051331.D
Acq: 19 Sep 2018 20:10

Tgt Ion: 84 Resp: 31264
Ion Ratio Lower Upper
84 100
49 106.6 91.2 136.8
51 33.7 27.7 41.5
86 62.6 52.0 78.0

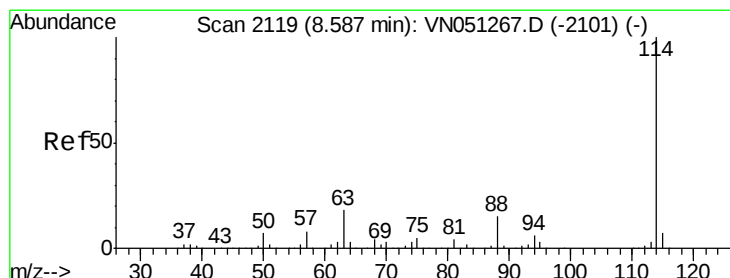
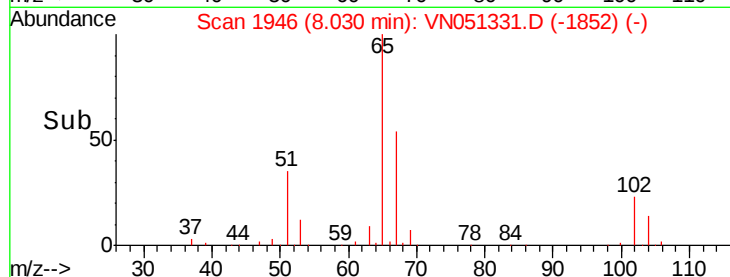
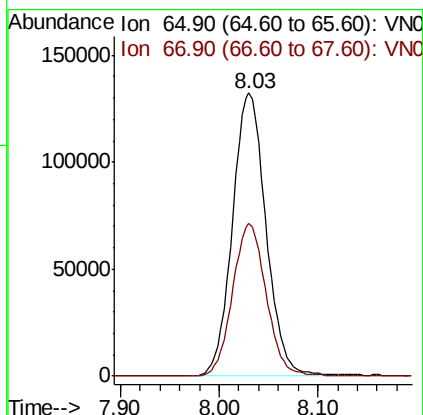
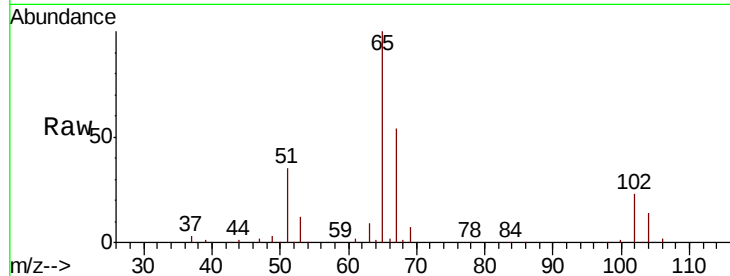




#33
 1,2-Dichloroethane-d4
 Concen: 54.56 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051331.D
 Acq: 19 Sep 2018 20:10

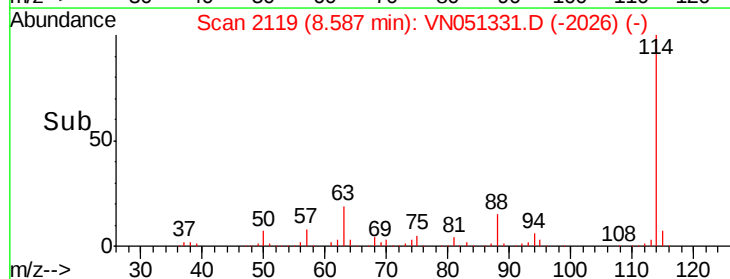
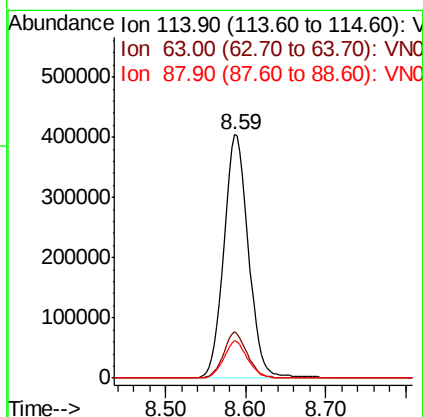
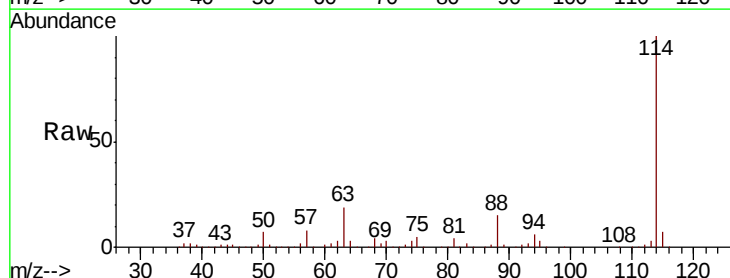
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112984ZHE#05

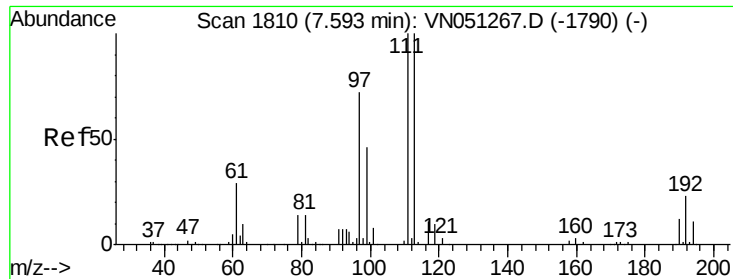
Tot Ion: 65 Resp: 312988
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051331.D
 Acq: 19 Sep 2018 20:10

Tgt Ion: 114 Resp: 853596
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.8
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.25 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB112984ZHE#05

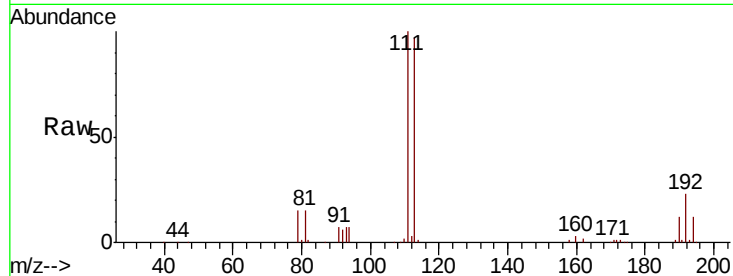
Tot Ion:113 Resp: 313388

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

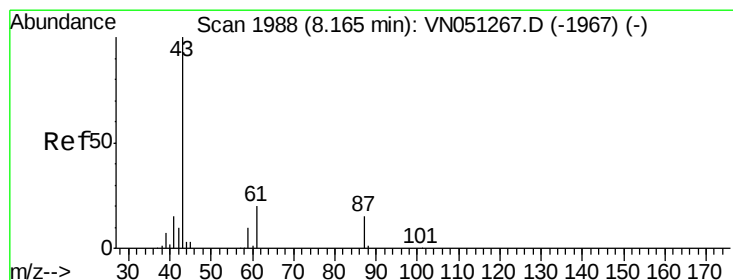
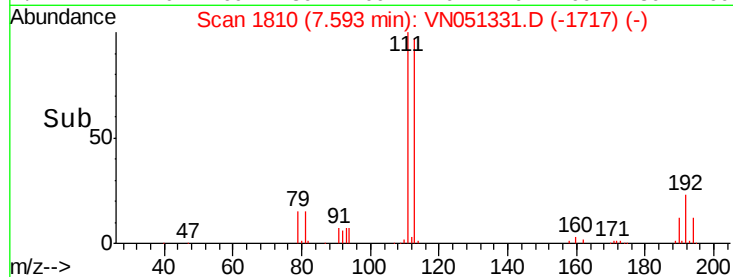
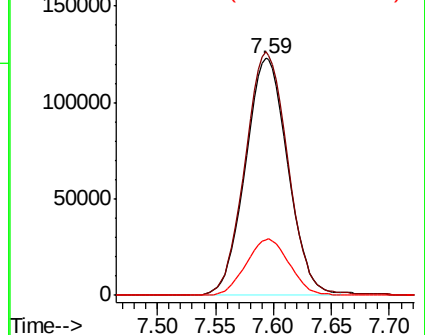
192 24.2 19.0 28.6



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: 32.13 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

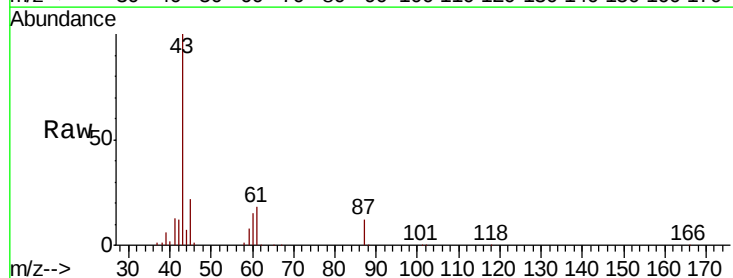
Tgt Ion: 43 Resp: 264086

Ion Ratio Lower Upper

43 100

61 17.1 17.4 26.2#

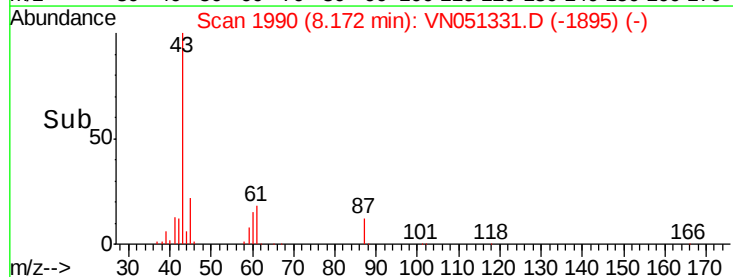
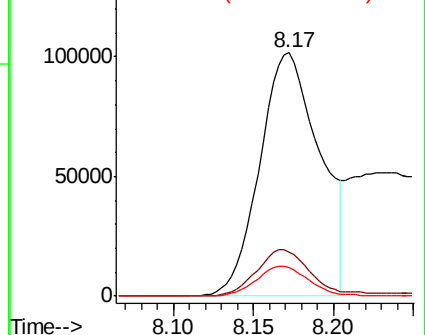
87 10.7 12.2 18.4#

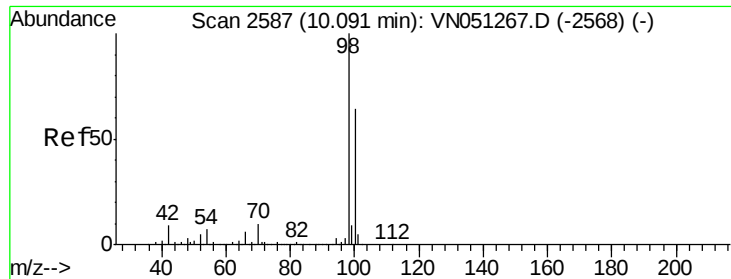


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 45.51 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

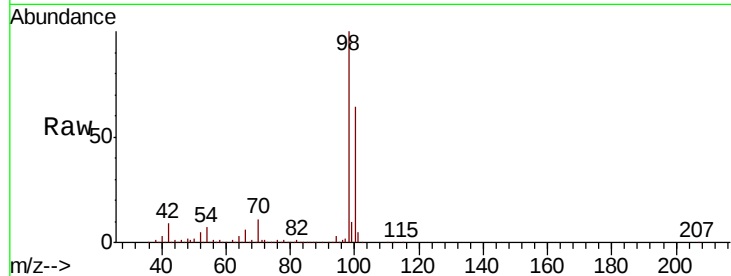
PB112984ZHE#05

Tot Ion: 98 Resp: 1115878

Ion Ratio Lower Upper

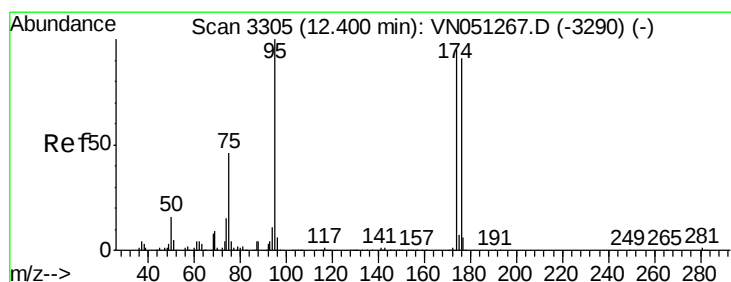
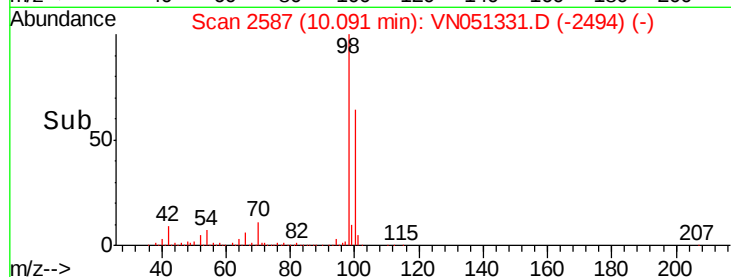
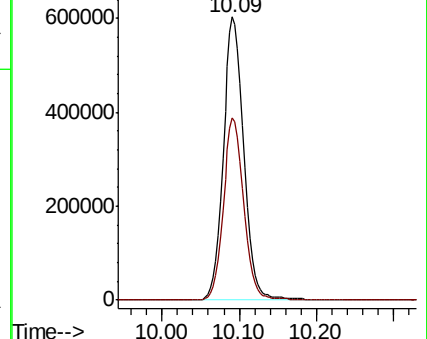
98 100

100 64.1 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: 37.56 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

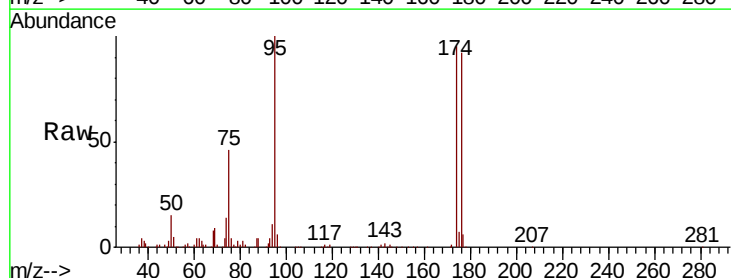
Tgt Ion: 95 Resp: 292919

Ion Ratio Lower Upper

95 100

174 96.8 0.0 189.6

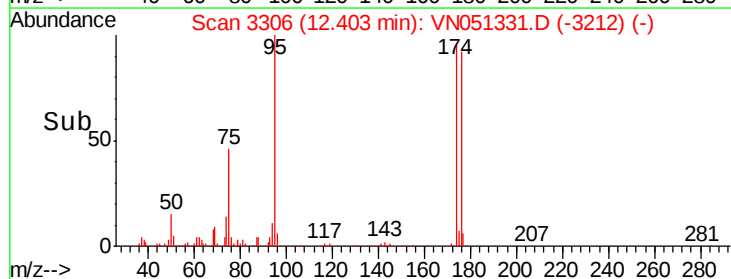
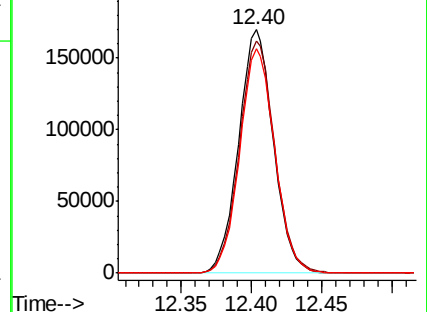
176 92.8 0.0 182.6

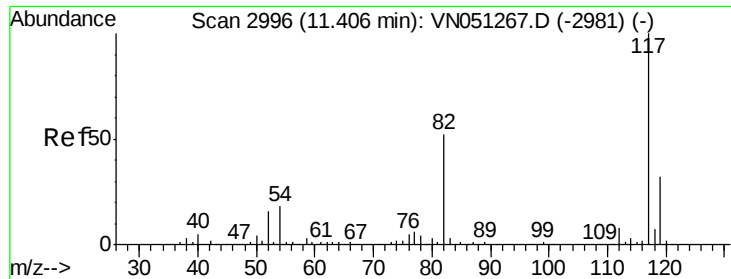


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

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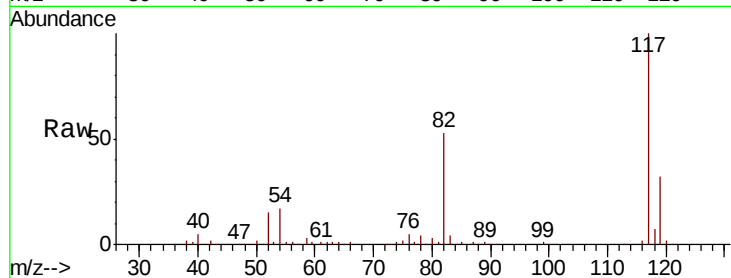
Tot Ion:117 Resp: 701759

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

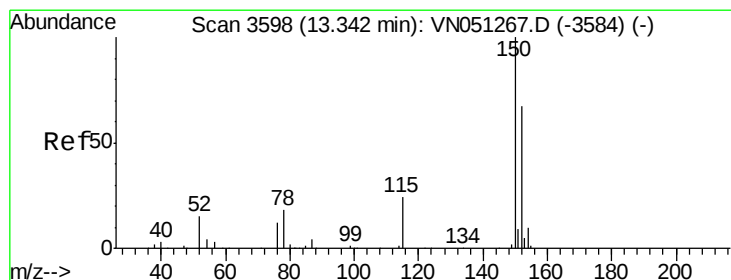
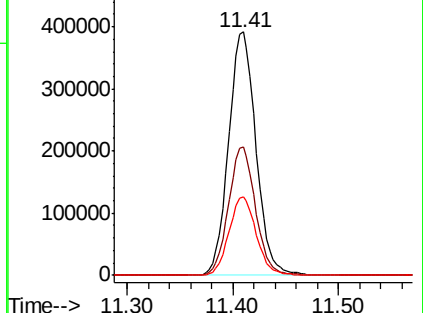
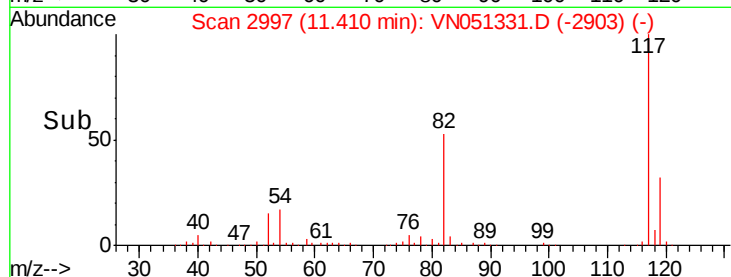
119 32.4 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051331.D

Acq: 19 Sep 2018 20:10

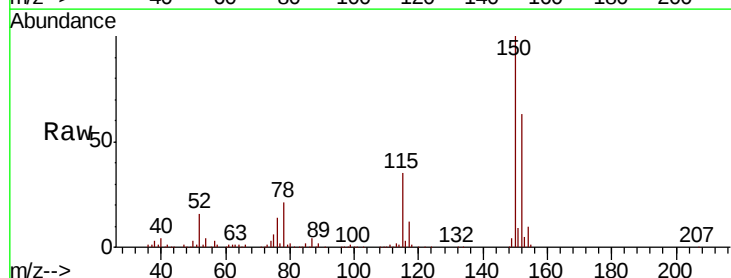
Tgt Ion:152 Resp: 224988

Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 157.9 0.0 349.0



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

