

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050320.D
 Acq On : 3 Aug 2018 18:17
 Operator : MD\SY
 Sample : PB111719ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

Quant Time: Aug 04 00:14:48 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	679779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1141961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	968846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404772	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	487727	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	422913	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
50) Toluene-d8	10.09	98	1535730	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	12.40	95	447140	39.62	ug/l	0.00
Spiked Amount			Recovery	=	79.24%	

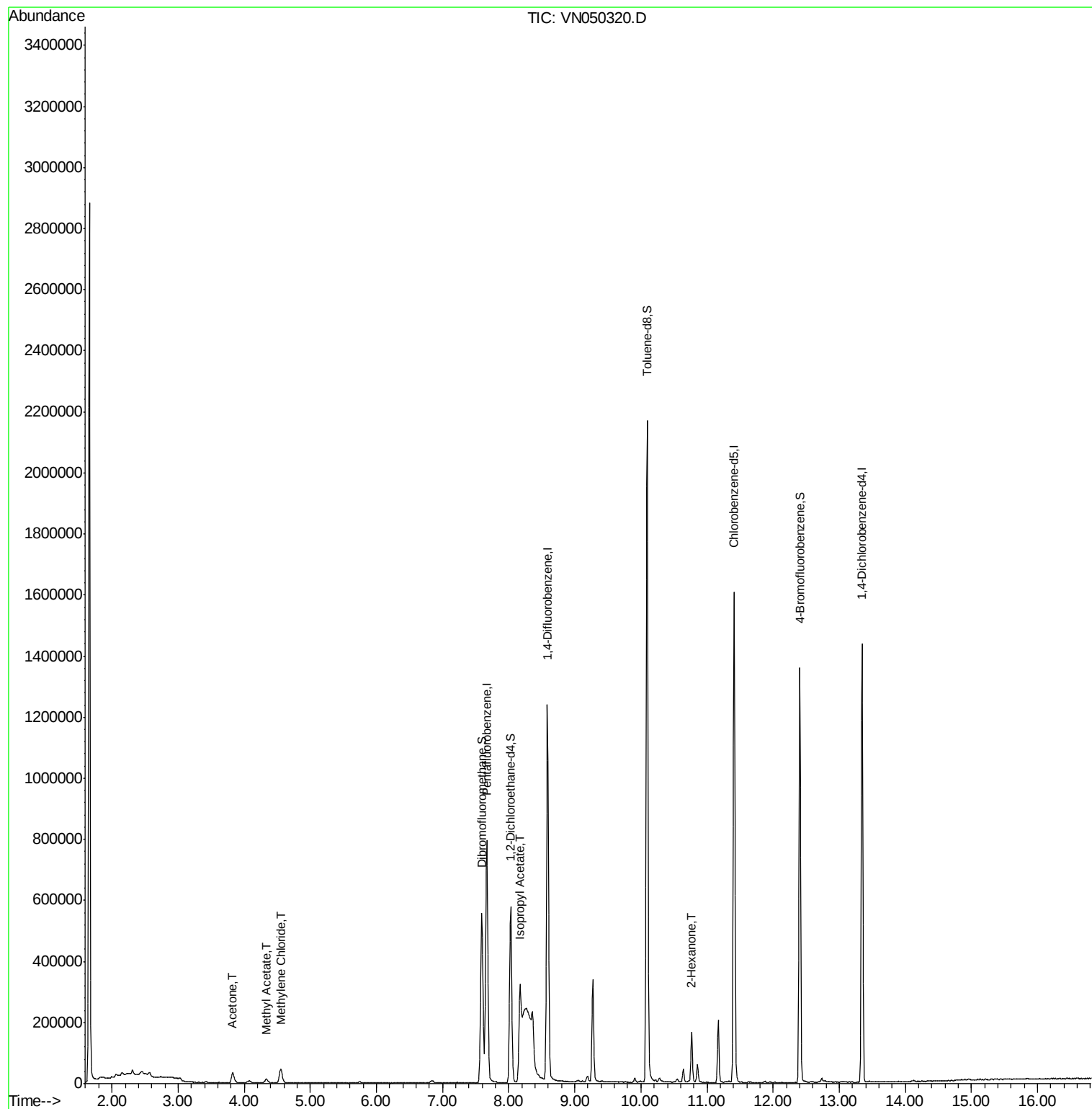
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	58599	22.27	ug/l	98
18) Methyl Acetate	4.34	43	23411	1.10	ug/l	97
20) Methylene Chloride	4.55	84	36319	3.14	ug/l	98
43) Isopropyl Acetate	8.17	43	413777	23.88	ug/l #	89
59) 2-Hexanone	10.77	43	23142	8.67	ug/l #	60

(#) = 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# 1891

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

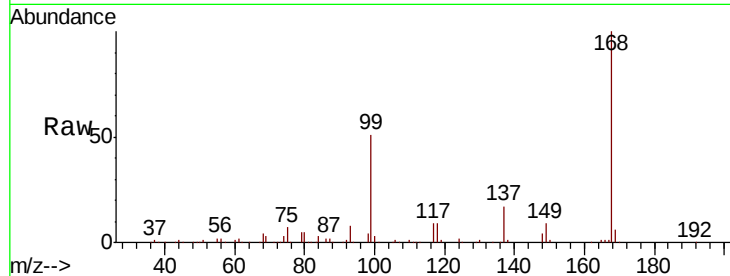
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#05

Tot Ion:168 Resp: 679779

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

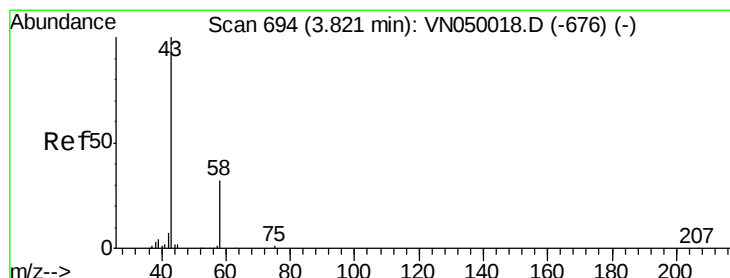
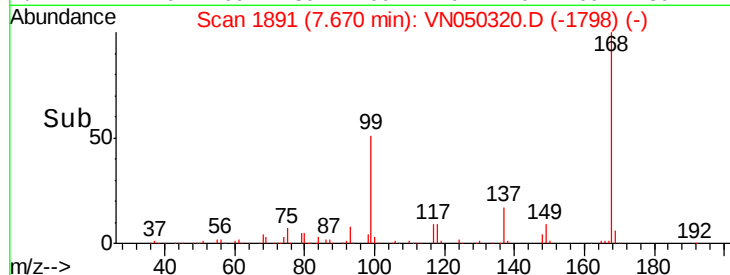
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.27 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050320.D

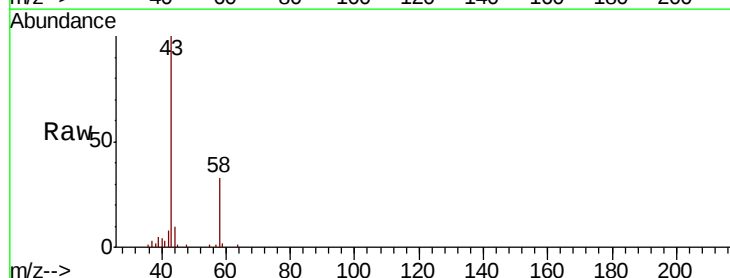
Acq: 3 Aug 2018 18:17

Tgt Ion: 43 Resp: 58599

Ion Ratio Lower Upper

43 100

58 33.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

25000

20000

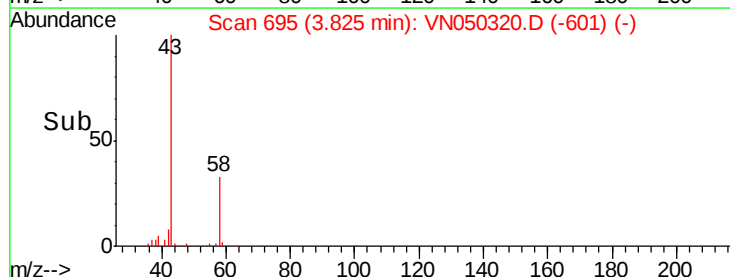
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10000

5000

0

Time-->

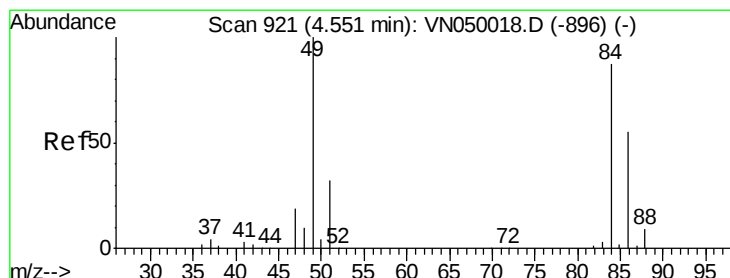
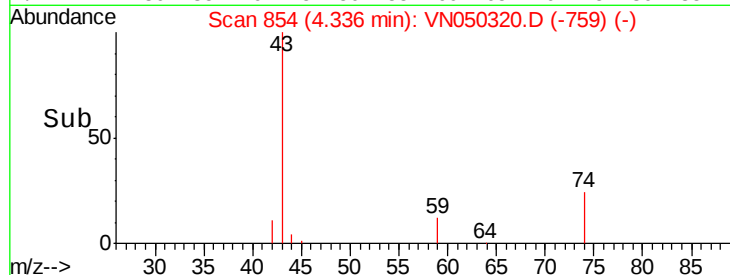
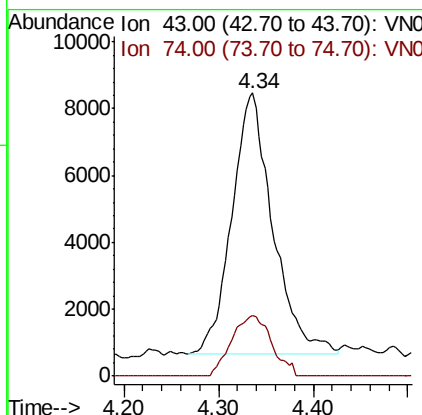
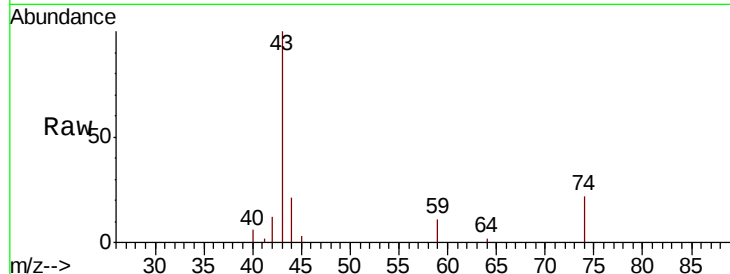




#18
Methvl Acetate
Concen: 1.10 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

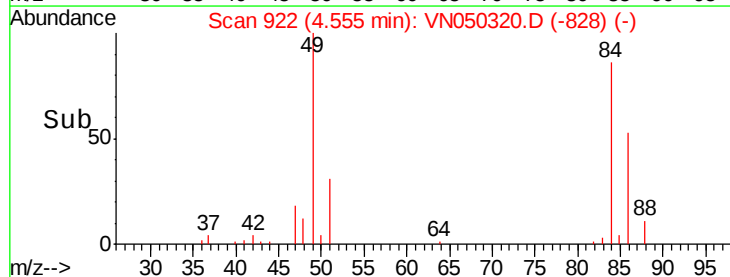
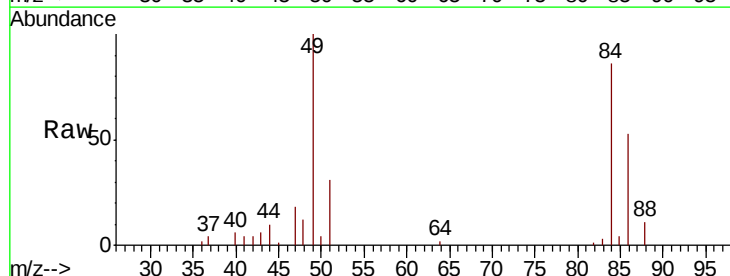
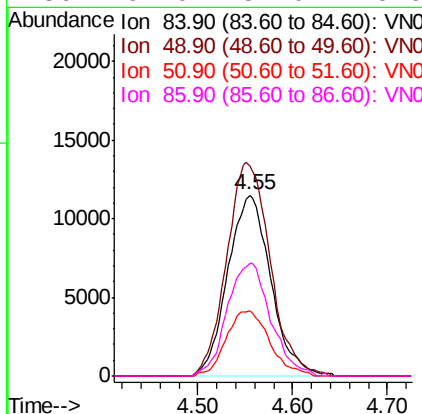
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#05

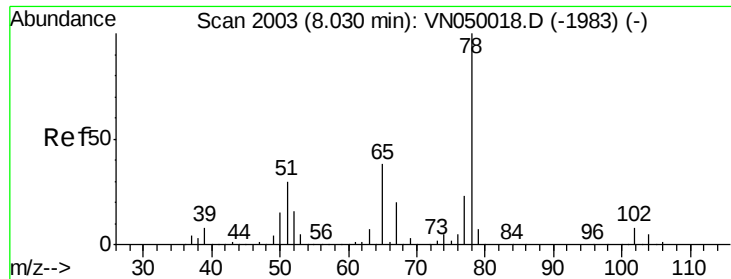
Tot Ion: 43 Resp: 23411
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8



#20
Methylene Chloride
Concen: 3.14 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

Tgt Ion: 84 Resp: 36319
Ion Ratio Lower Upper
84 100
49 116.1 94.8 142.2
51 35.8 28.3 42.5
86 62.0 51.0 76.6

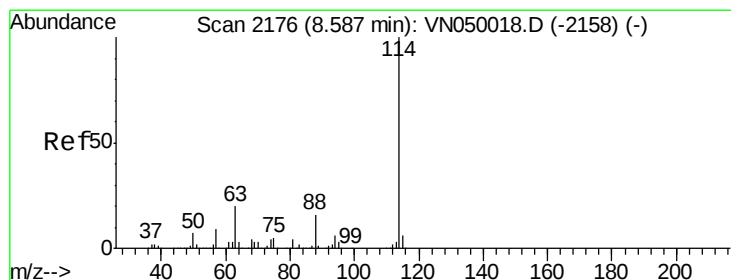
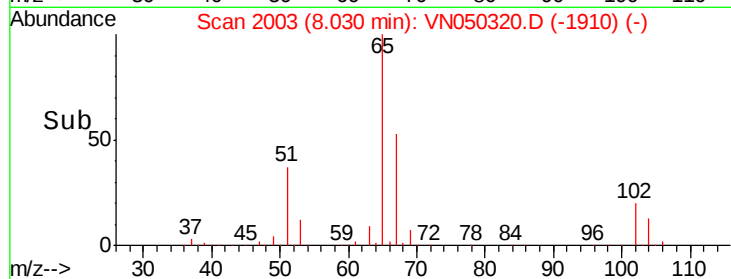
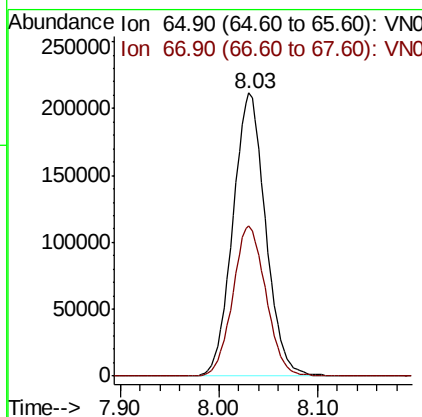
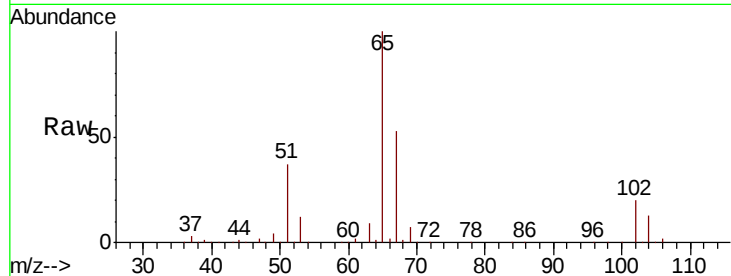




#33
 1,2-Dichloroethane-d4
 Concen: 51.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

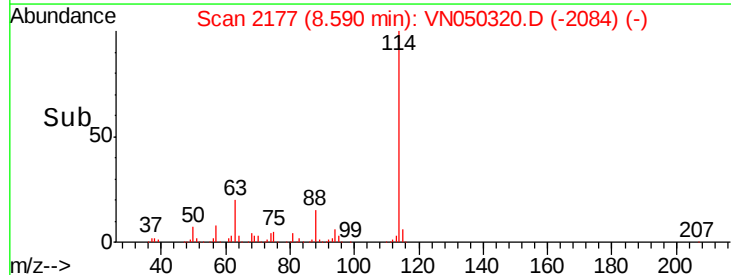
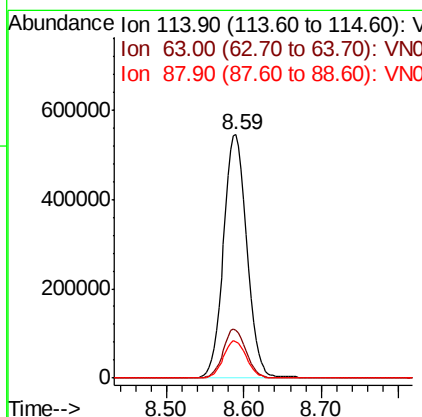
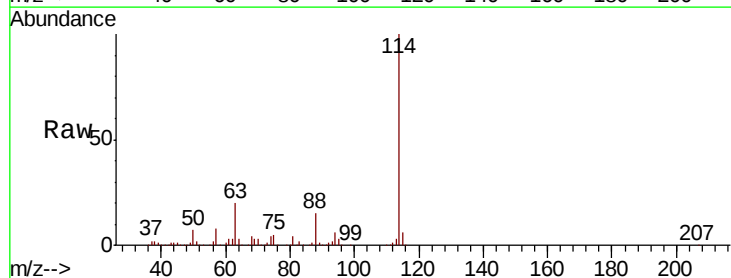
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

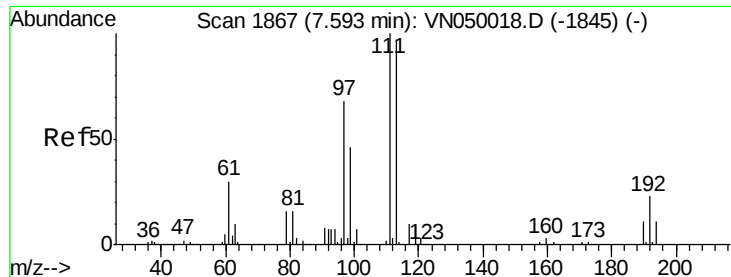
Tot Ion: 65 Resp: 487727
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Tgt Ion: 114 Resp: 1141961
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.2

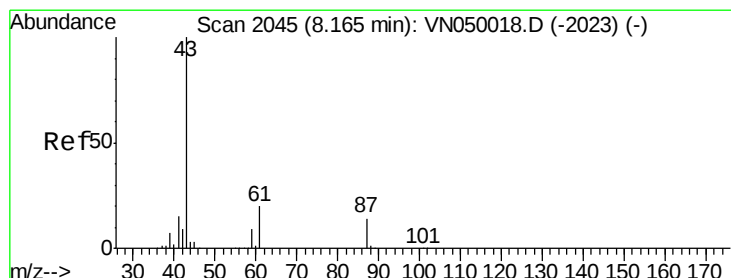
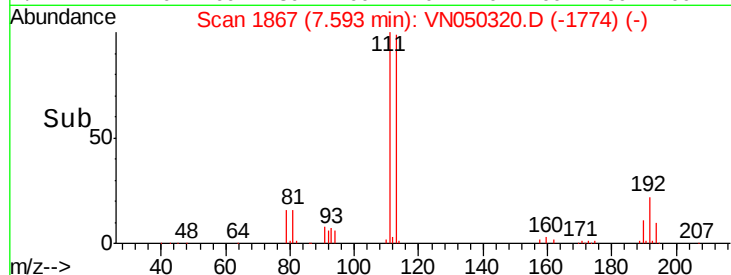
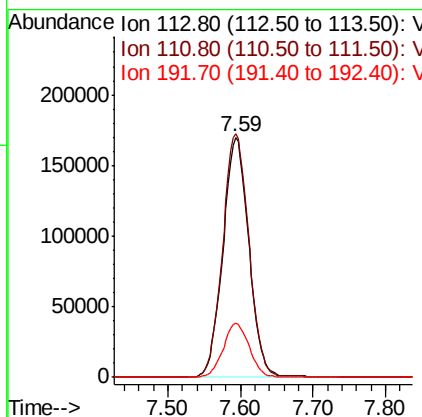
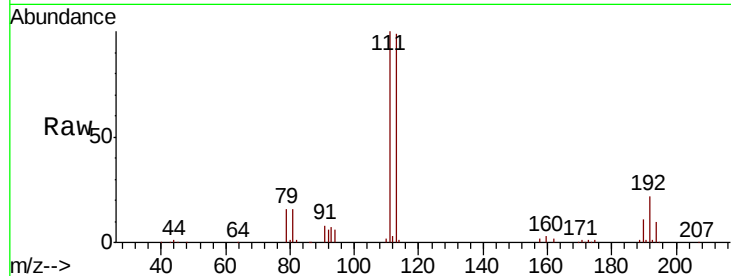




#35
 Dibromofluoromethane
 Concen: 45.36 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

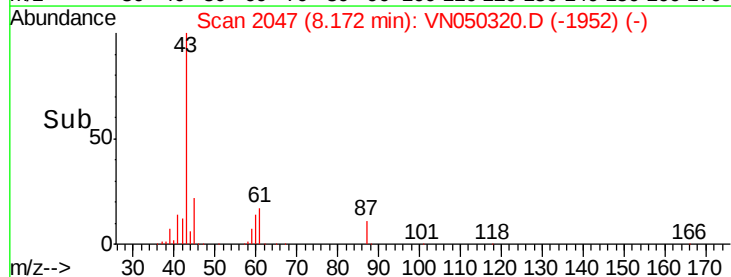
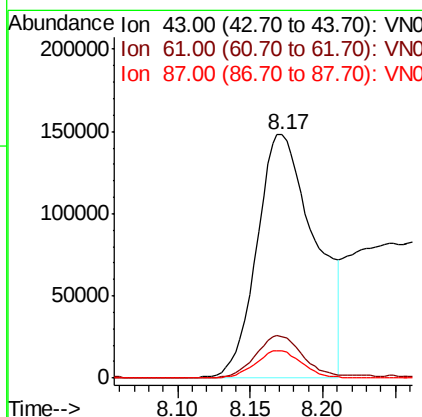
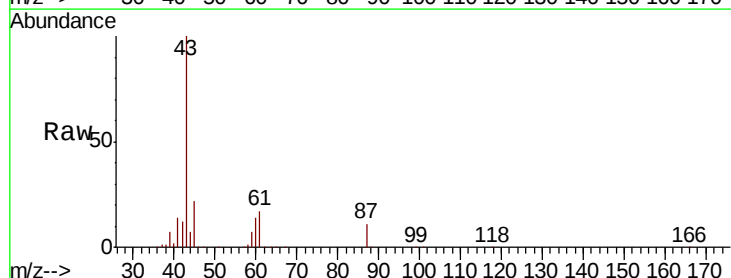
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

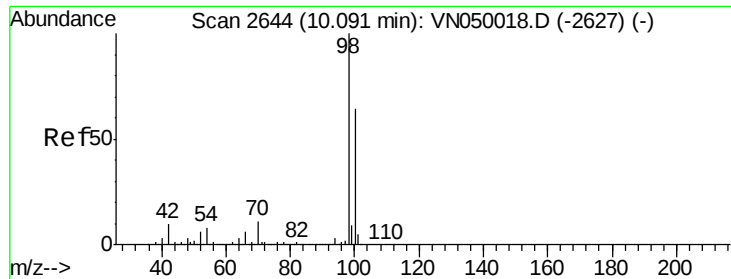
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	22.6	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 23.88 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	15.8	23.6#
87	9.1	10.3	15.5#





#50

Toluene-d8

Concen: 44.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

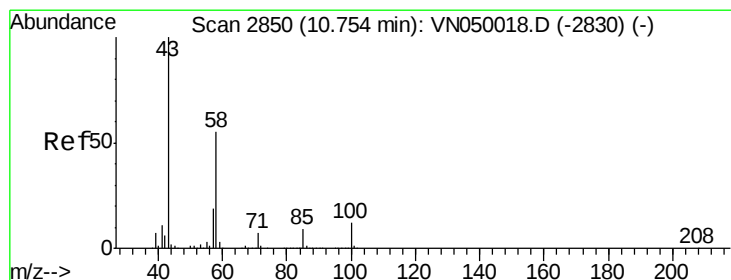
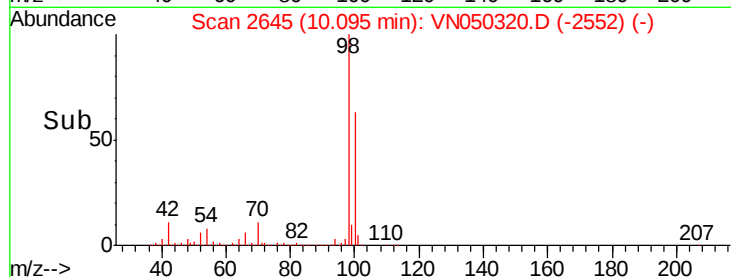
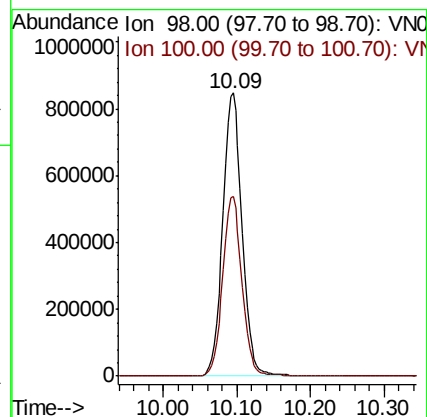
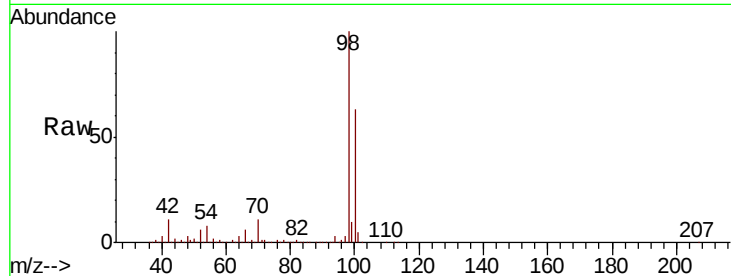
PB111719ZHE#05

Tot Ion: 98 Resp: 1535730

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#59

2-Hexanone

Concen: 8.67 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050320.D

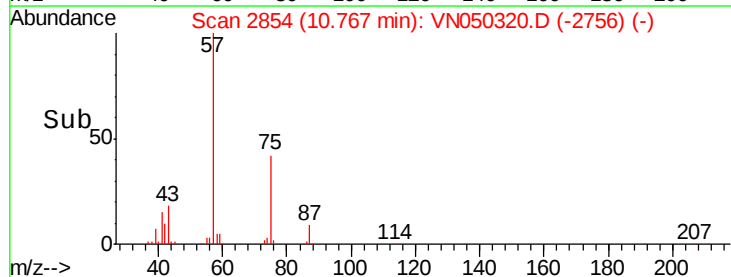
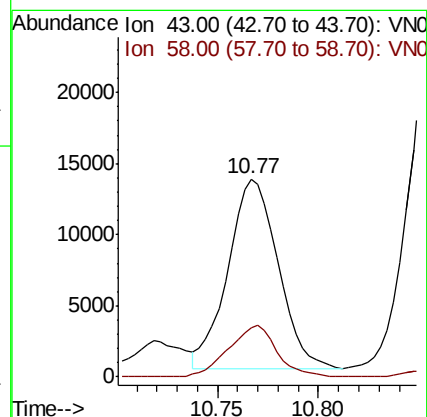
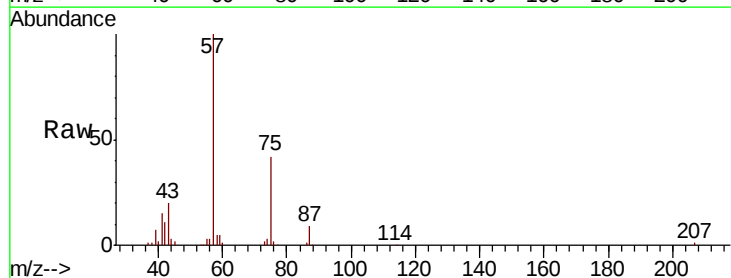
Acq: 3 Aug 2018 18:17

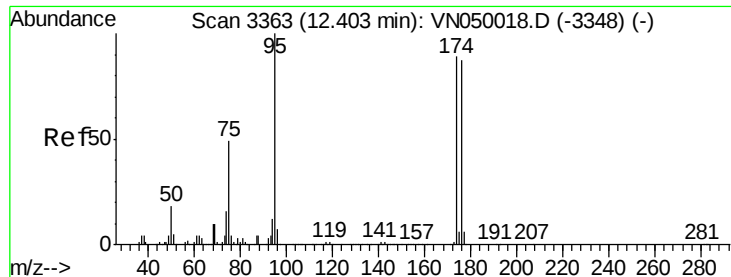
Tgt Ion: 43 Resp: 23142

Ion Ratio Lower Upper

43 100

58 26.1 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 39.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

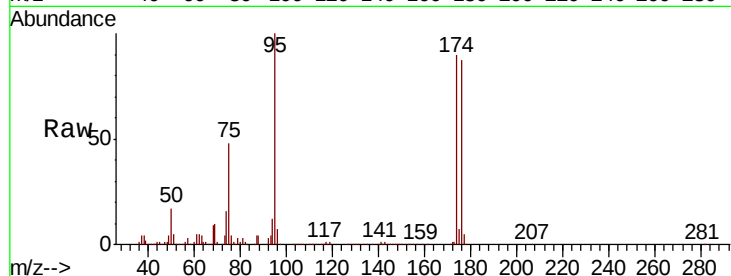
Tot Ion: 95 Resp: 447140

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.2

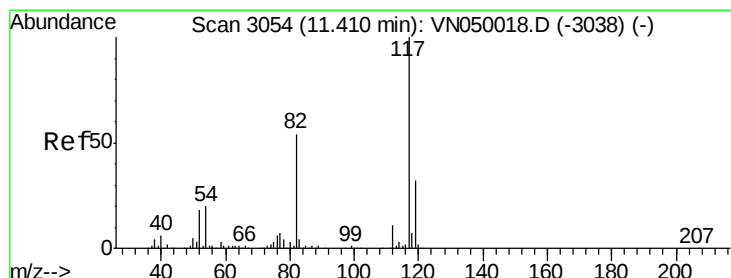
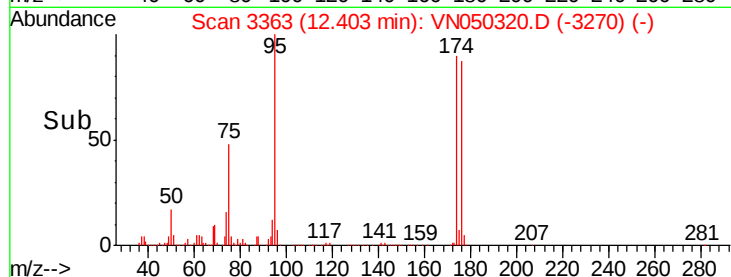
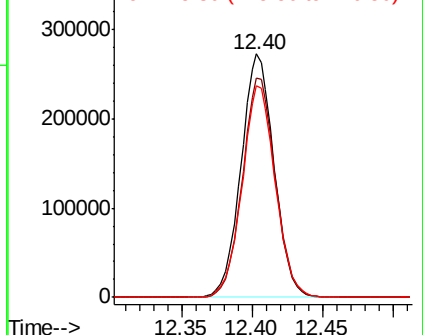
176 87.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050320.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050320.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050320.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

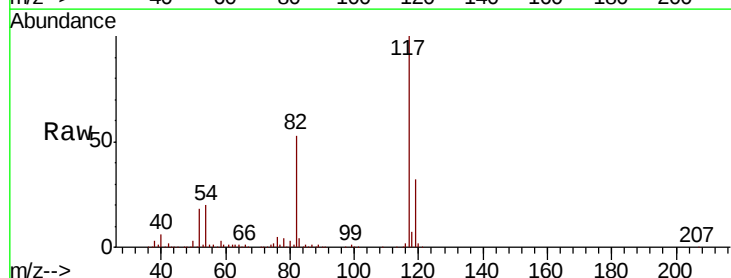
Tgt Ion: 117 Resp: 968846

Ion Ratio Lower Upper

117 100

82 53.4 43.7 65.5

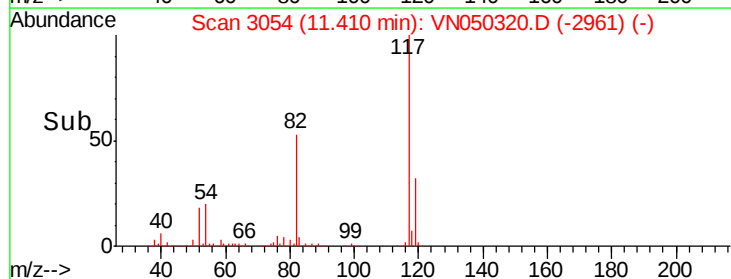
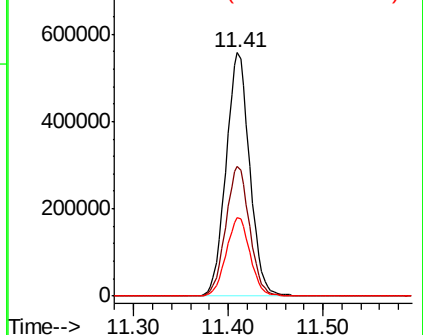
119 32.2 26.1 39.1

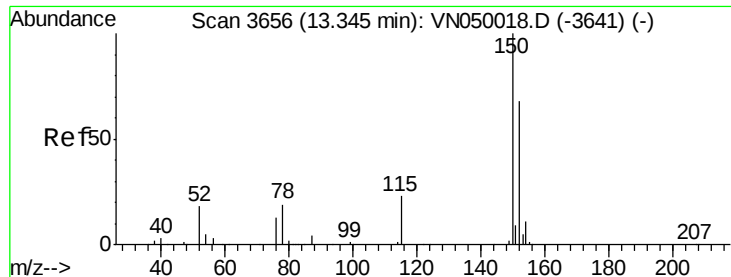


Abundance Ion 116.90 (116.60 to 117.60): VN050320.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050320.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050320.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

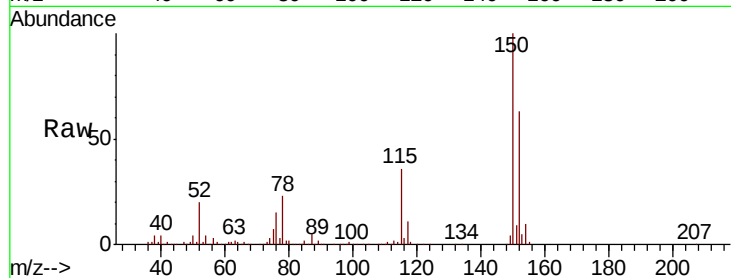
Tot Ion:152 Resp: 404772

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

150 156.7 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

