

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050317.D
 Acq On : 3 Aug 2018 17:02
 Operator : MD\SY
 Sample : PB111719ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#02

Quant Time: Aug 04 00:07:24 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	654589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1105243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	941976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386828	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469780	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	412029	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
50) Toluene-d8	10.09	98	1480326	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
62) 4-Bromofluorobenzene	12.40	95	428145	39.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.38%	

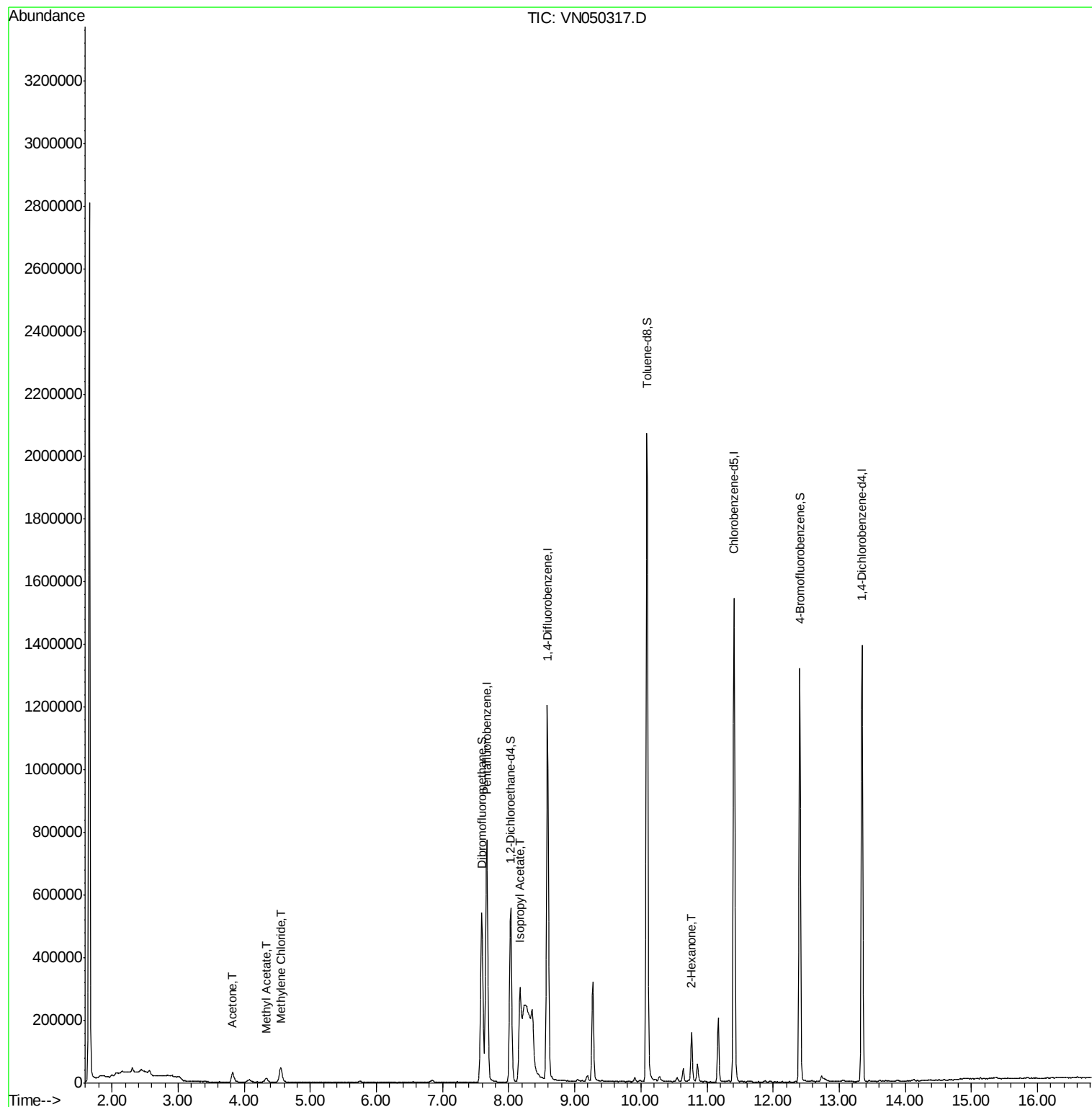
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	55295	21.74	ug/l	98
18) Methyl Acetate	4.33	43	24018	1.28	ug/l	98
20) Methylene Chloride	4.55	84	35661	3.23	ug/l	97
43) Isopropyl Acetate	8.17	43	365606	21.70	ug/l #	91
59) 2-Hexanone	10.77	43	22773	8.73	ug/l #	60

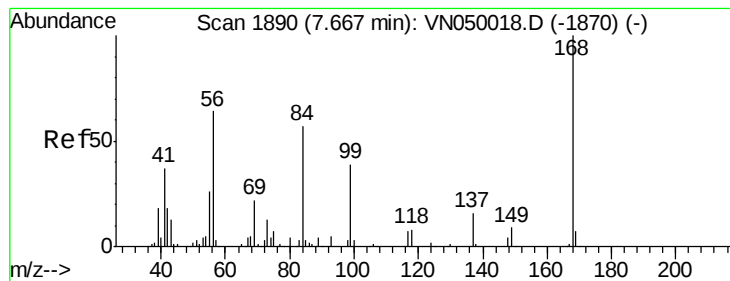
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050317.D

Acq: 3 Aug 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

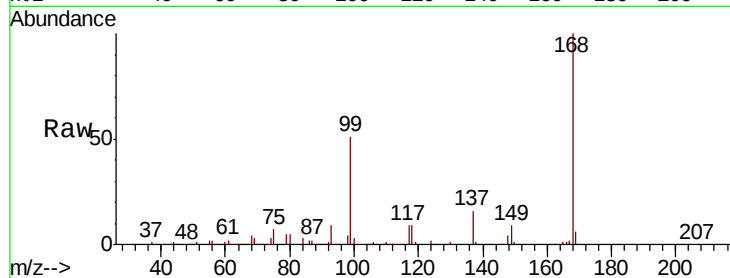
PB111719ZHE#02

Tot Ion:168 Resp: 654589

Ion Ratio Lower Upper

168 100

99 51.0 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

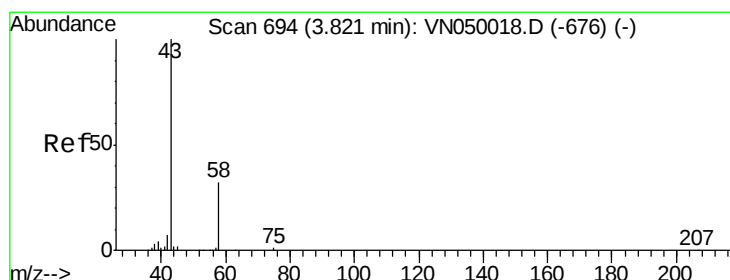
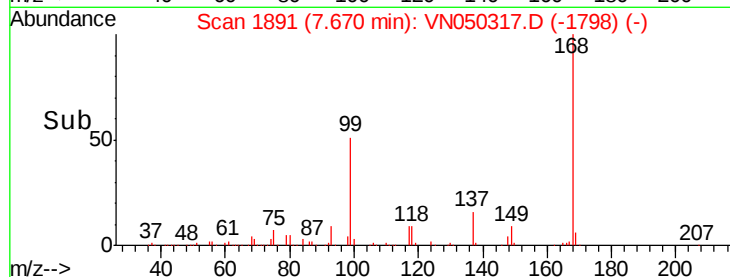
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 21.74 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050317.D

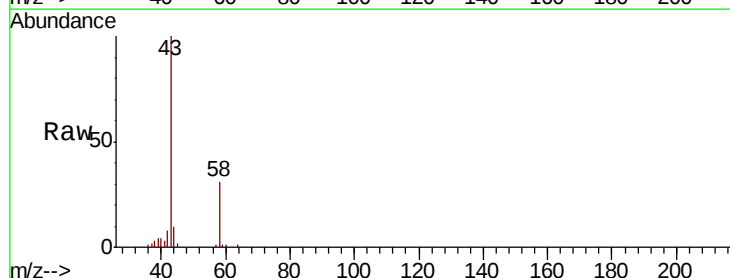
Acq: 3 Aug 2018 17:02

Tgt Ion: 43 Resp: 55295

Ion Ratio Lower Upper

43 100

58 31.1 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

20000

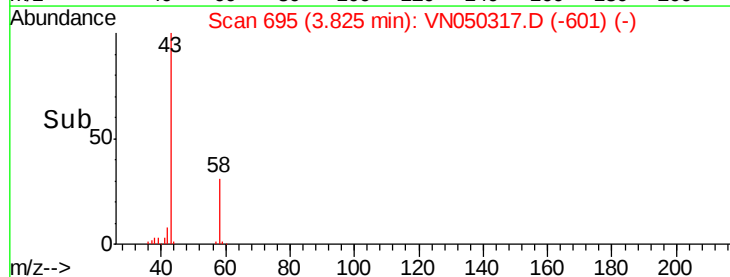
15000

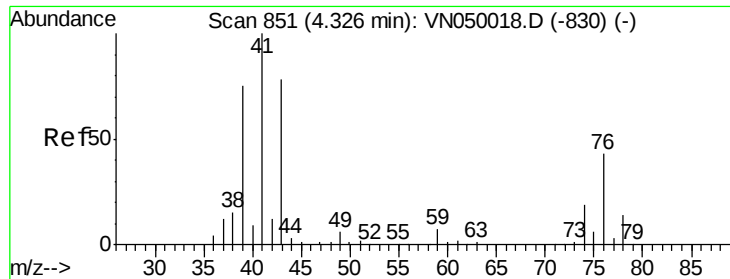
10000

5000

0

Time--> 3.70 3.80 3.90

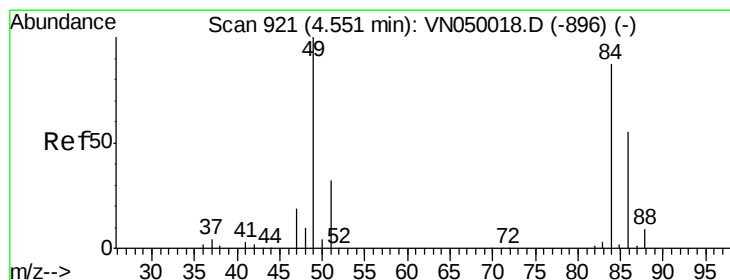
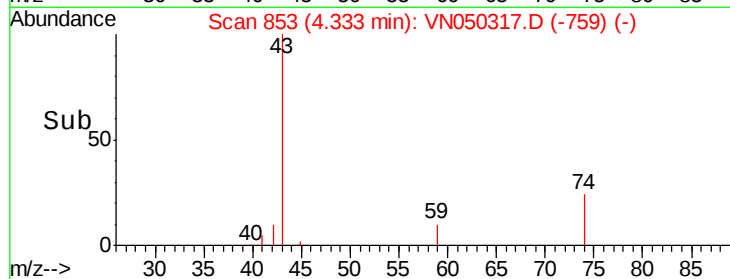
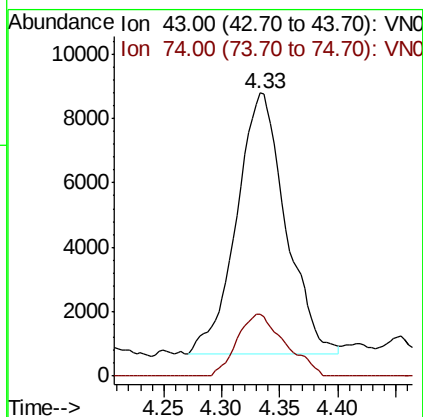
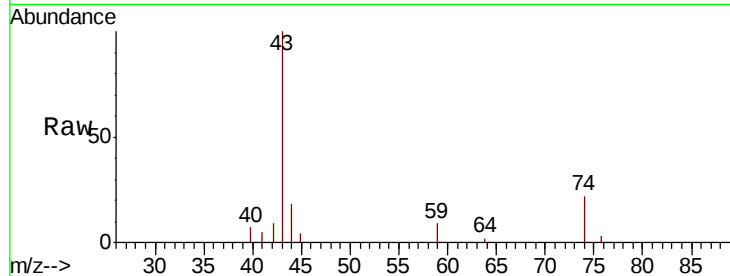




#18
Methvl Acetate
Concen: 1.28 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050317.D
Acq: 3 Aug 2018 17:02

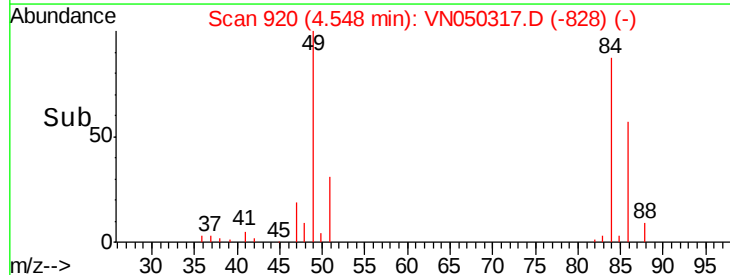
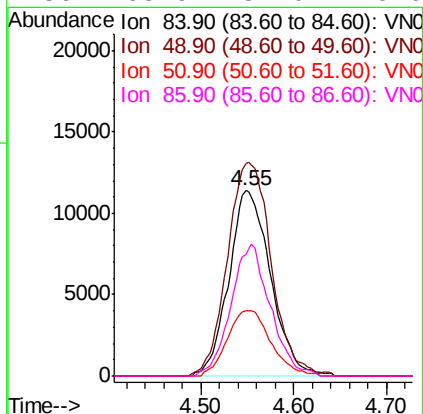
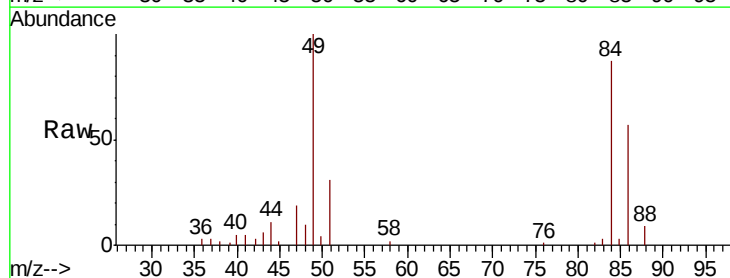
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#02

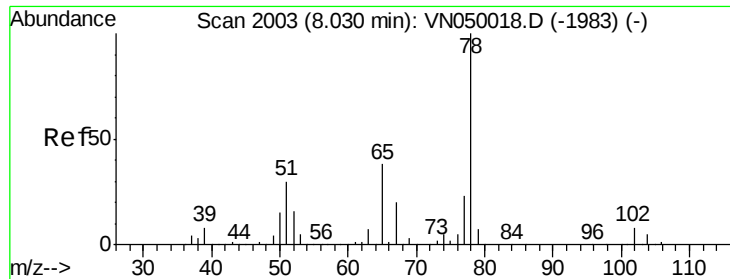
Tot Ion: 43 Resp: 24018
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



#20
Methylene Chloride
Concen: 3.23 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050317.D
Acq: 3 Aug 2018 17:02

Tgt Ion: 84 Resp: 35661
Ion Ratio Lower Upper
84 100
49 114.7 94.8 142.2
51 35.2 28.3 42.5
86 65.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.44 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050317.D

Acq: 3 Aug 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

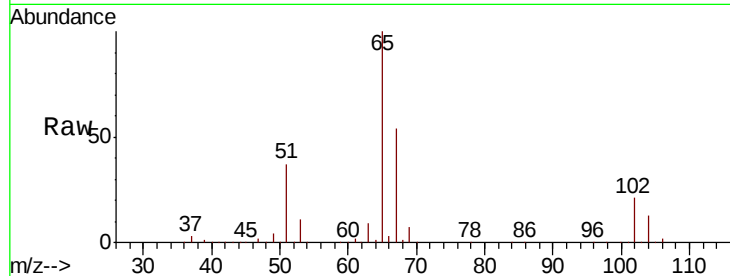
PB111719ZHE#02

Tot Ion: 65 Resp: 469780

Ion Ratio Lower Upper

65 100

67 53.4 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

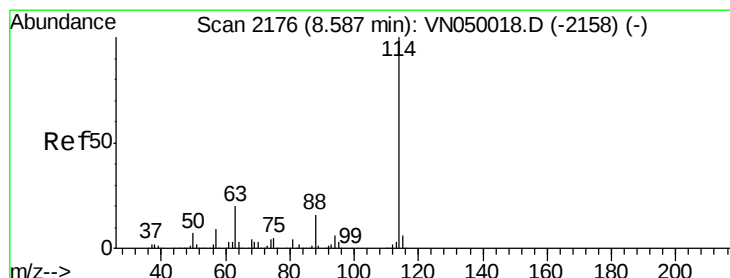
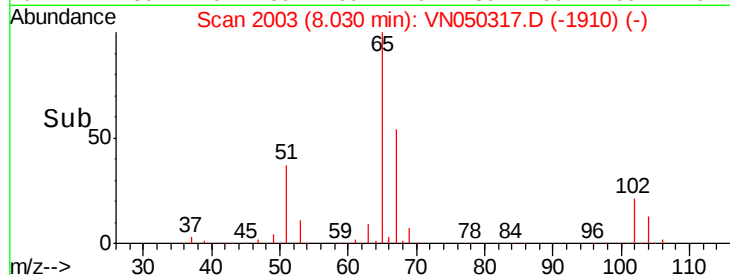
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050317.D

Acq: 3 Aug 2018 17:02

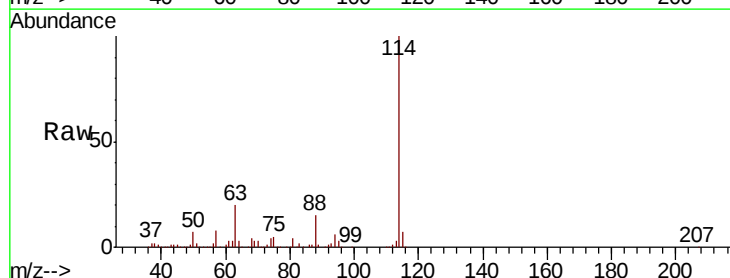
Tgt Ion: 114 Resp: 1105243

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.0 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

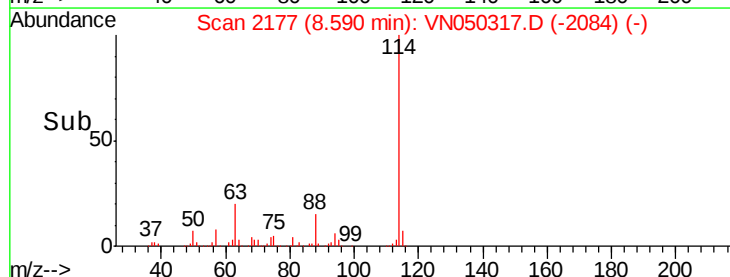
600000

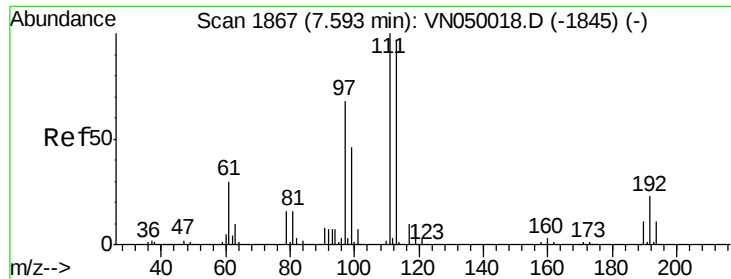
400000

200000

0

Time-->

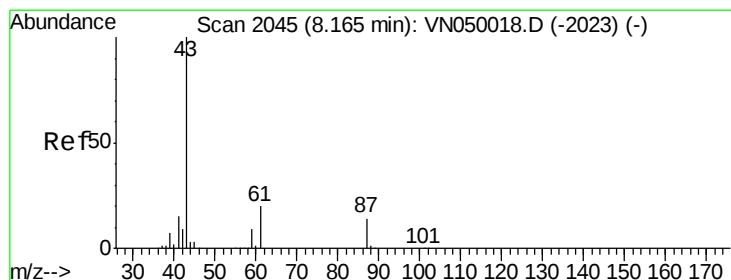
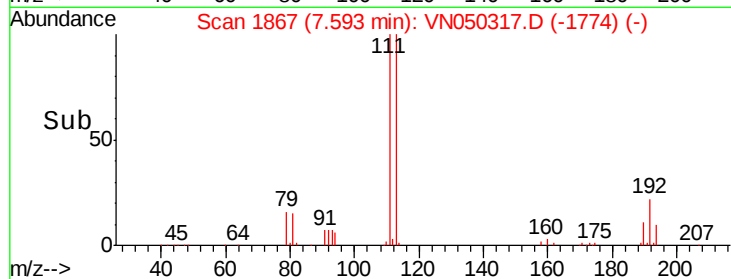
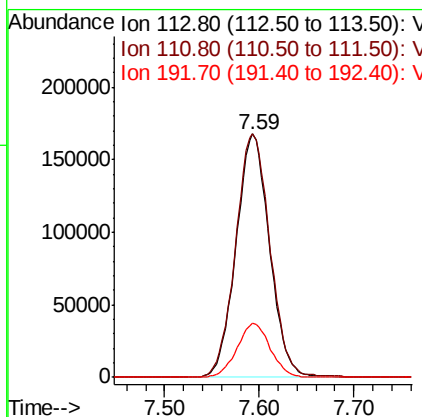
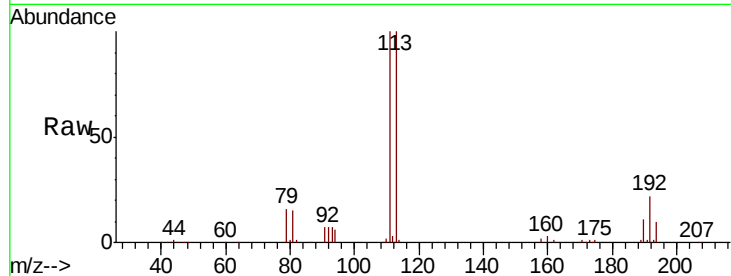




#35
 Dibromofluoromethane
 Concen: 45.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050317.D
 Acq: 3 Aug 2018 17:02

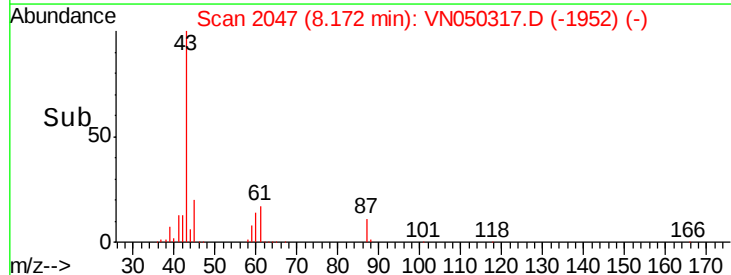
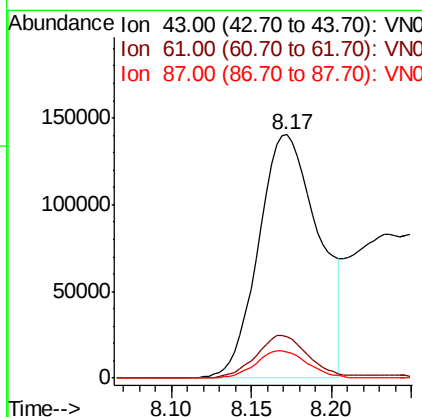
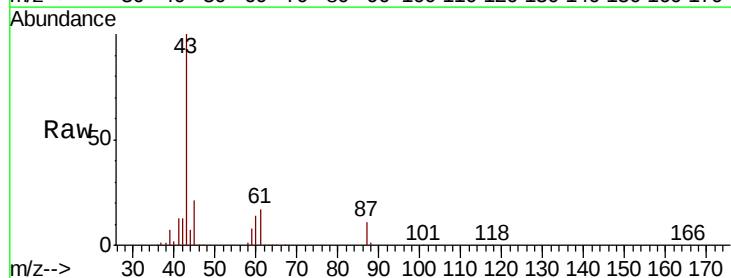
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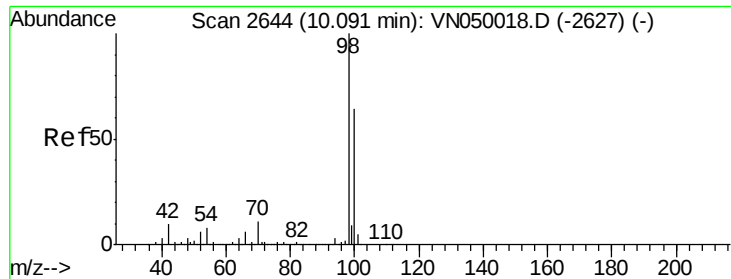
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	22.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 21.70 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050317.D
 Acq: 3 Aug 2018 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	15.8	23.6#
87	9.7	10.3	15.5#

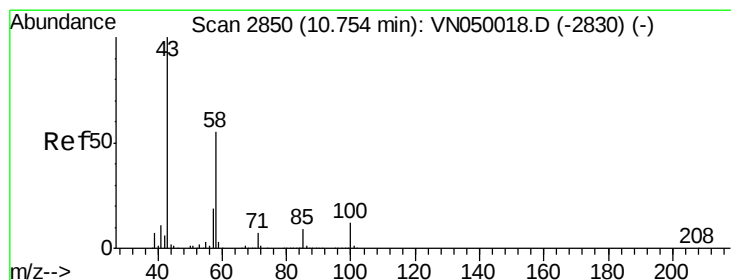
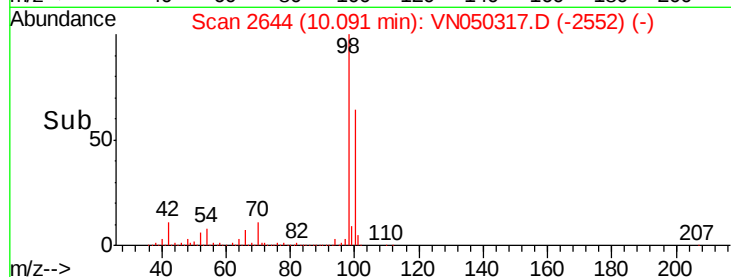
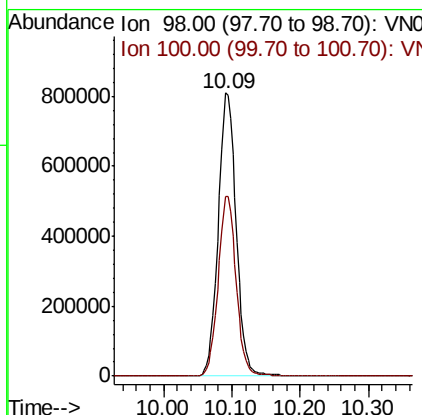
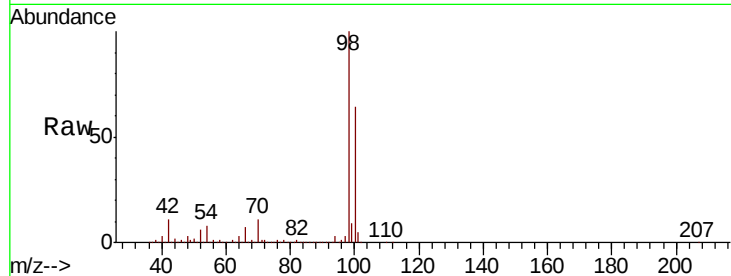




#50
Toluene-d8
Concen: 44.62 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050317.D
Acq: 3 Aug 2018 17:02

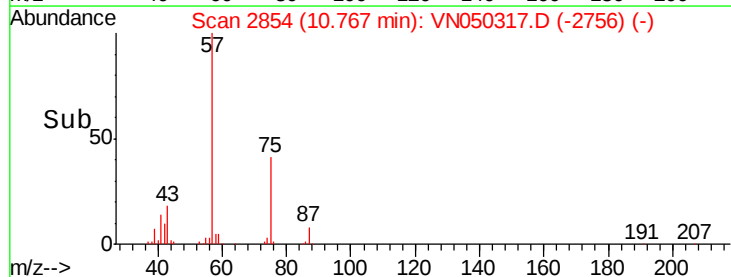
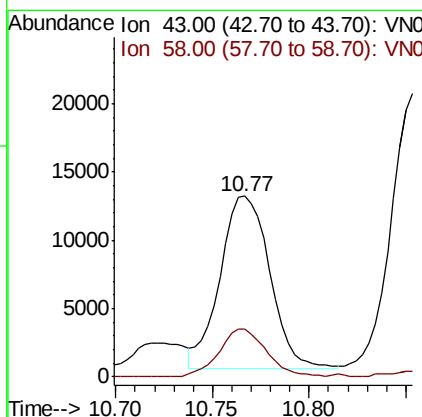
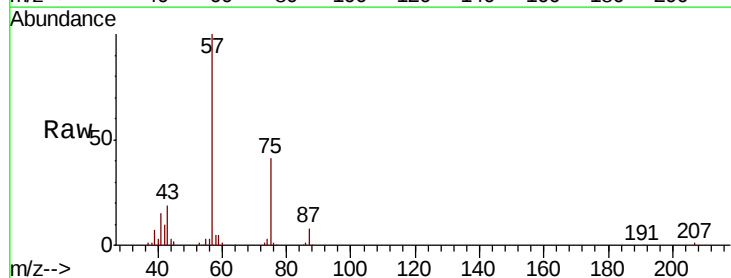
Instrument :
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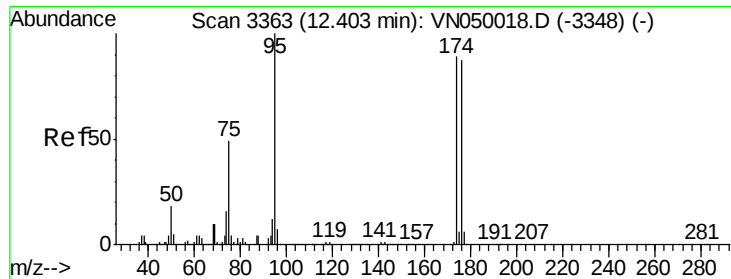
Tot Ion: 98 Resp: 1480326
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#59
2-Hexanone
Concen: 8.73 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050317.D
Acq: 3 Aug 2018 17:02

Tgt Ion: 43 Resp: 22773
Ion Ratio Lower Upper
43 100
58 26.5 27.6 82.7#

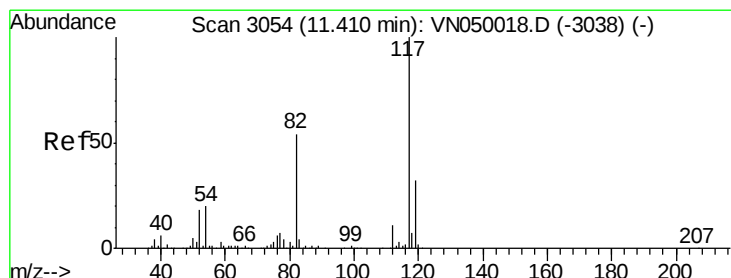
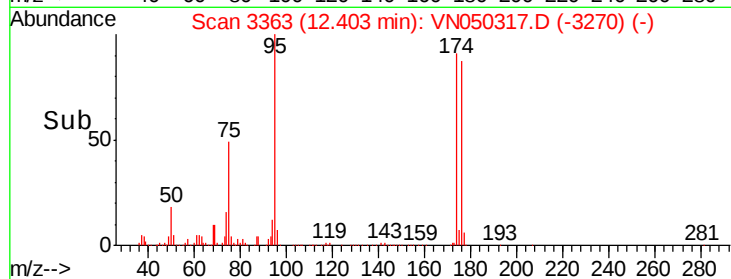
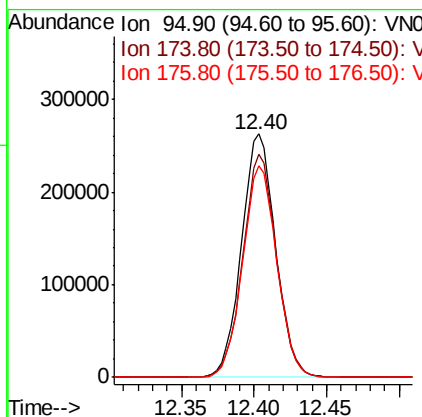
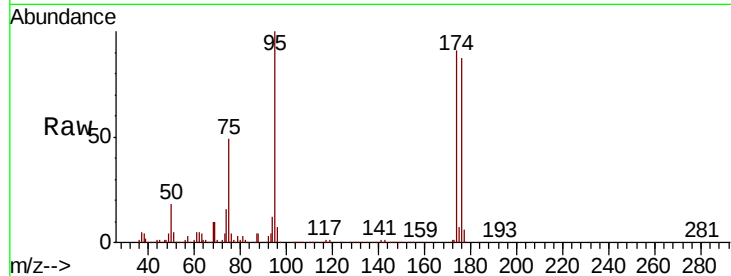




#62
4-Bromofluorobenzene
Concen: 39.19 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050317.D
Acq: 3 Aug 2018 17:02

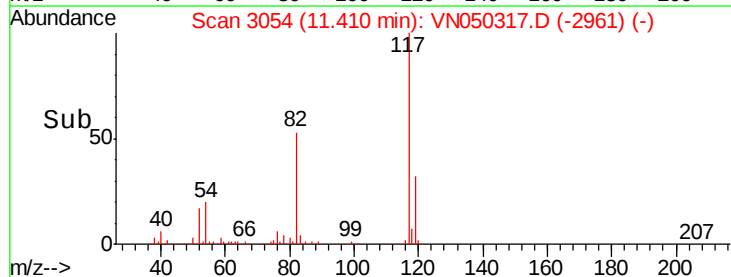
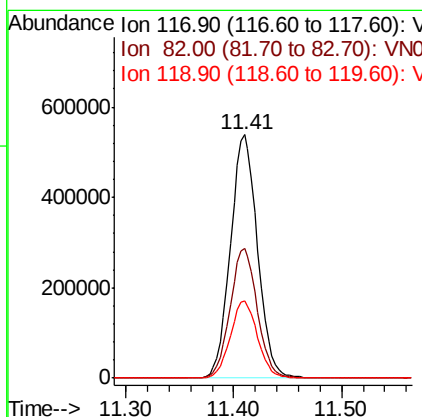
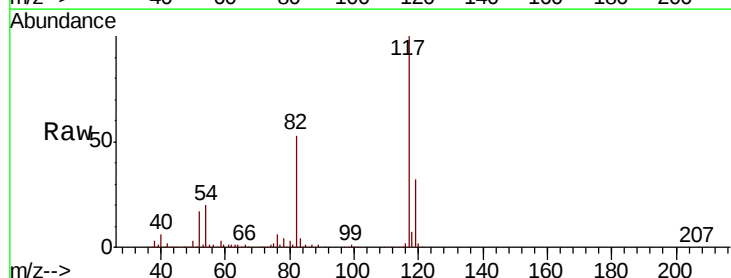
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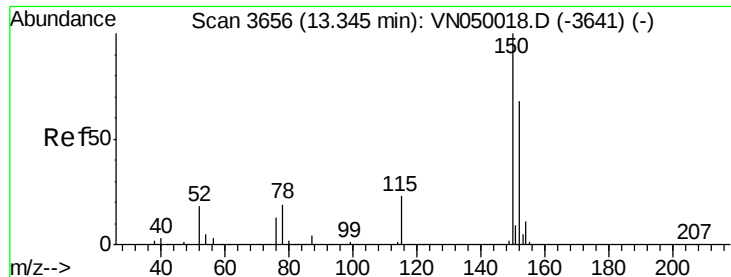
Tot Ion: 95 Resp: 428145
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.6 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050317.D
Acq: 3 Aug 2018 17:02

Tgt Ion: 117 Resp: 941976
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 31.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050317.D

Acq: 3 Aug 2018 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#02

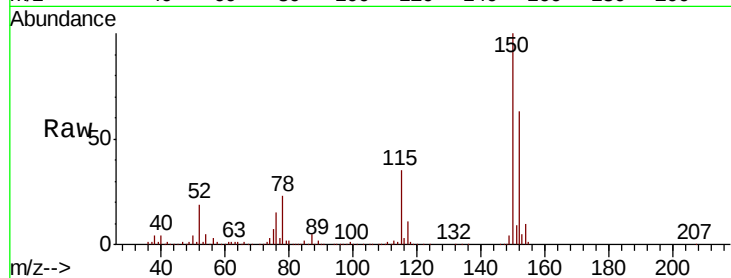
Tot Ion:152 Resp: 386828

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.3

150 157.4 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

