

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050316.D
 Acq On : 3 Aug 2018 16:37
 Operator : MD\SY
 Sample : PB111719ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#01

Quant Time: Aug 04 00:02:34 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	676747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1117334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	969509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	412567	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	476773	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	7.59	113	415904	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
50) Toluene-d8	10.09	98	1526929	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
62) 4-Bromofluorobenzene	12.40	95	452718	40.99	ug/l	0.00
Spiked Amount			Recovery	=	81.98%	

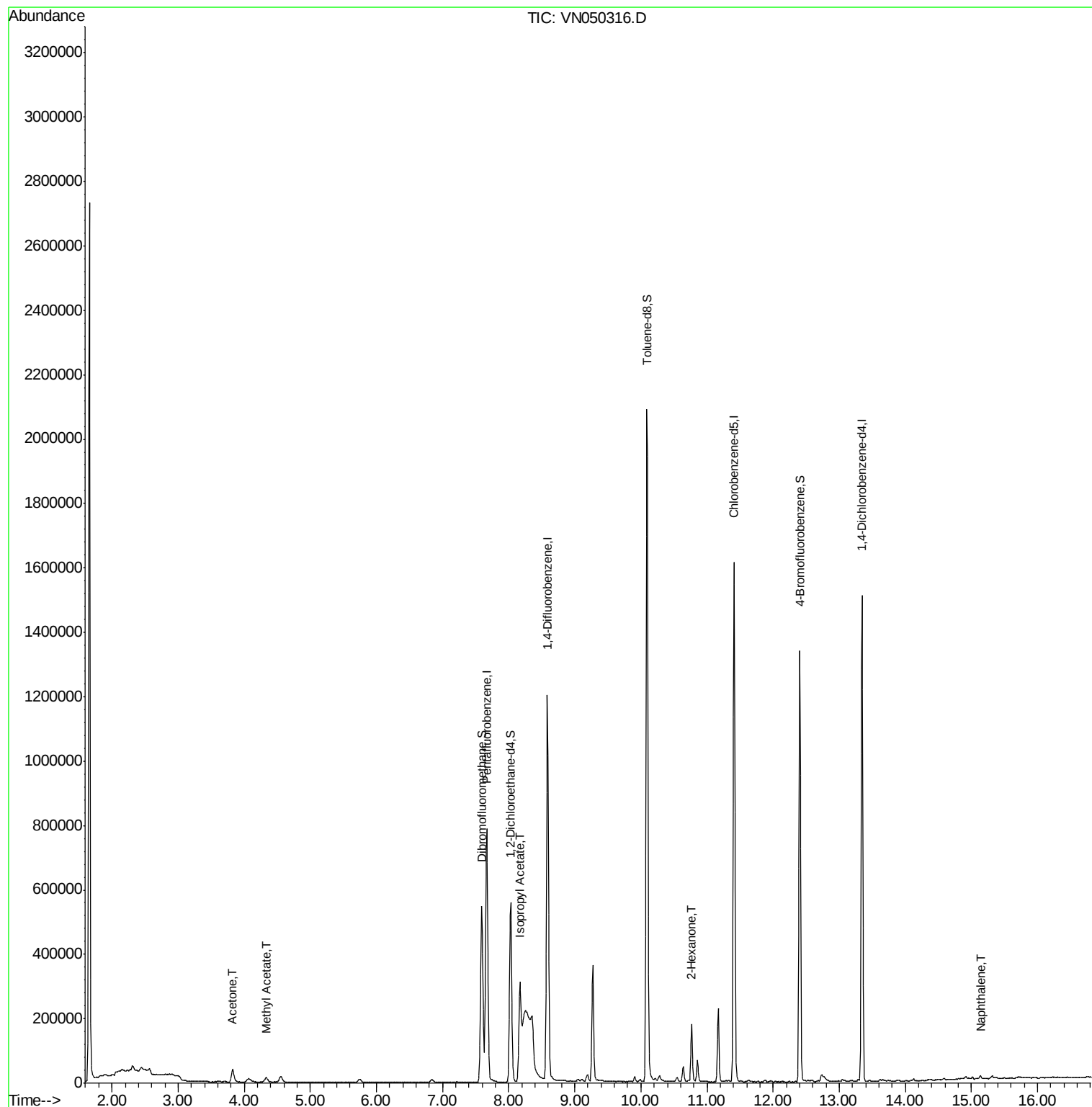
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	69096	27.20	ug/l	99
18) Methyl Acetate	4.33	43	25619	1.38	ug/l	96
43) Isopropyl Acetate	8.17	43	390904	23.02	ug/l	93
59) 2-Hexanone	10.77	43	28350	9.55	ug/l #	56
95) Naphthalene	15.14	128	8711	4.84	ug/l	97

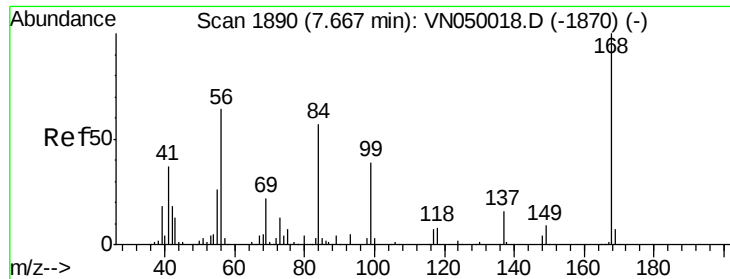
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050316.D

Acq: 3 Aug 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

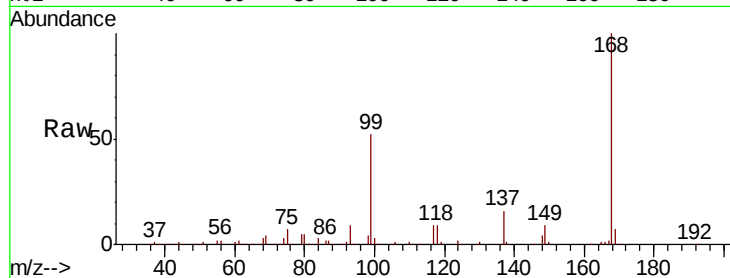
PB111719ZHE#01

Tot Ion:168 Resp: 676747

Ion Ratio Lower Upper

168 100

99 52.0 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

300000

250000

200000

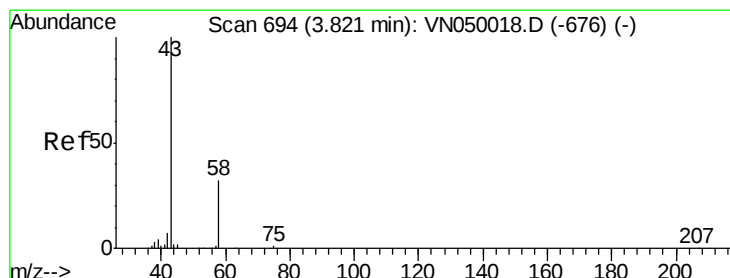
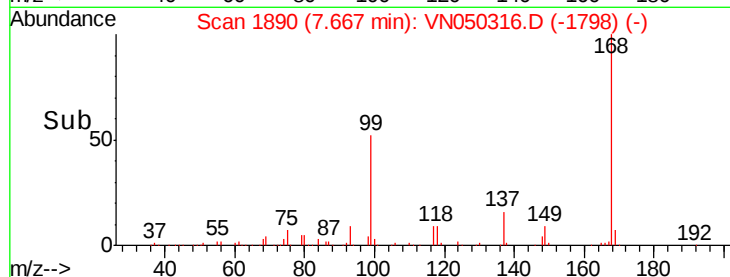
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 27.20 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050316.D

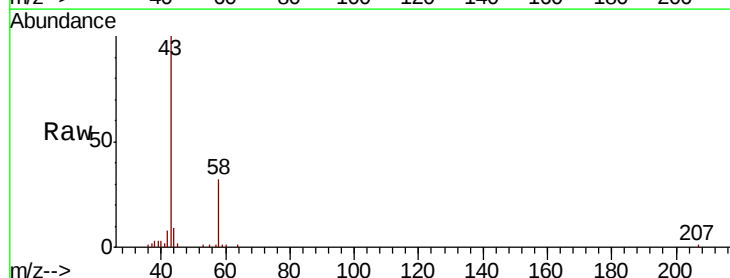
Acq: 3 Aug 2018 16:37

Tgt Ion: 43 Resp: 69096

Ion Ratio Lower Upper

43 100

58 32.7 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

30000

25000

20000

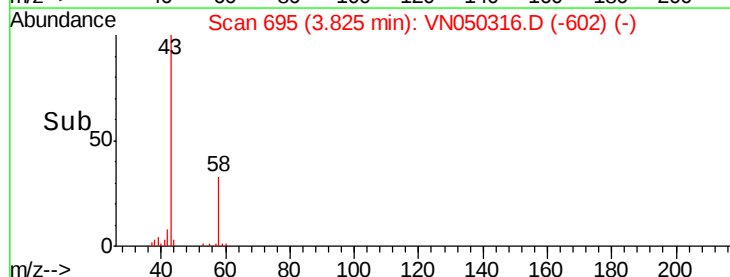
15000

10000

5000

0

Time-->

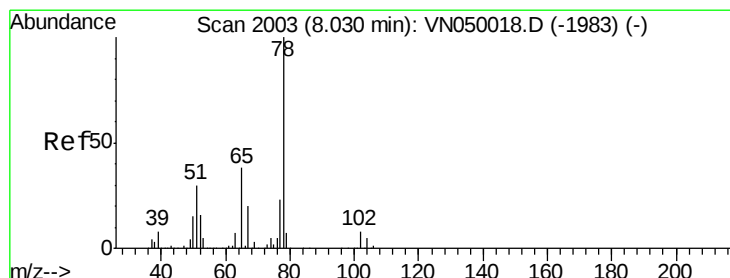
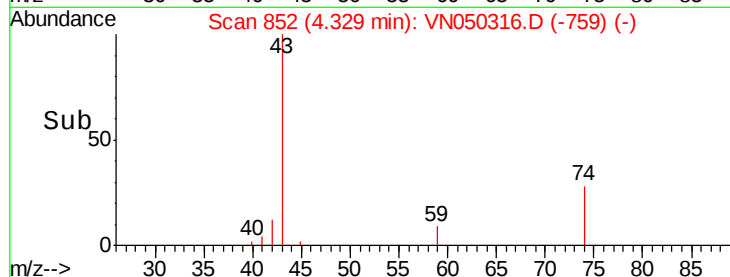
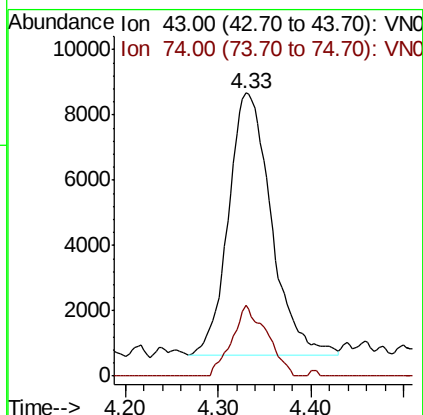
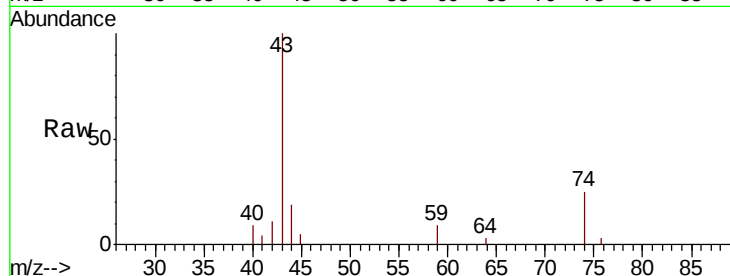




#18
Methyl Acetate
Concen: 1.38 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050316.D
Acq: 3 Aug 2018 16:37

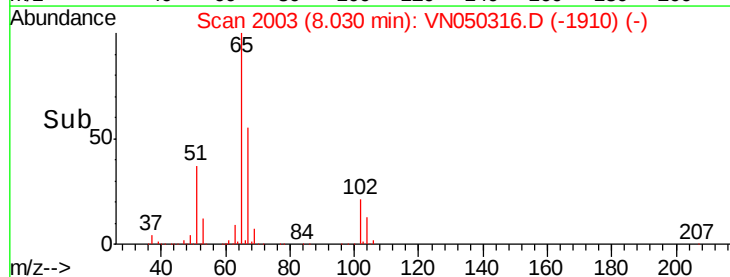
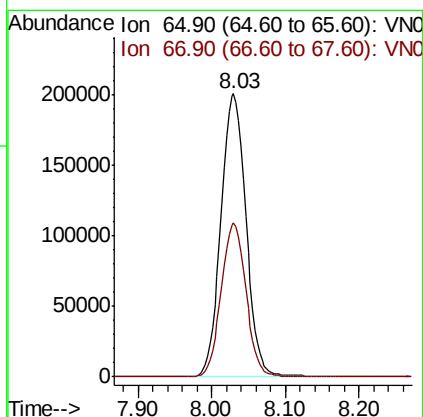
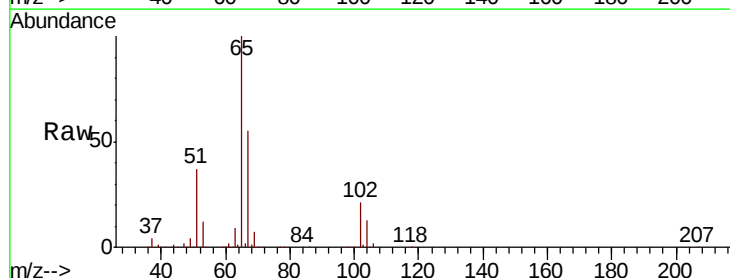
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#01

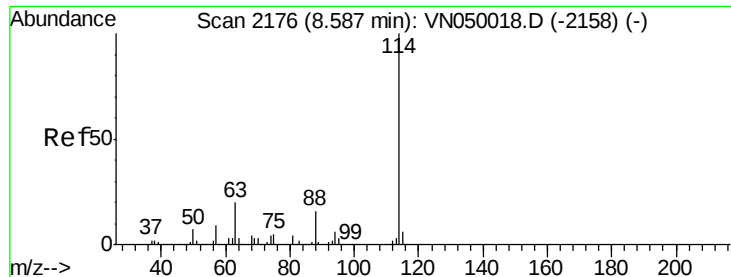
Tot Ion: 43 Resp: 25619
Ion Ratio Lower Upper
43 100
74 22.1 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 50.49 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050316.D
Acq: 3 Aug 2018 16:37

Tgt Ion: 65 Resp: 476773
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4

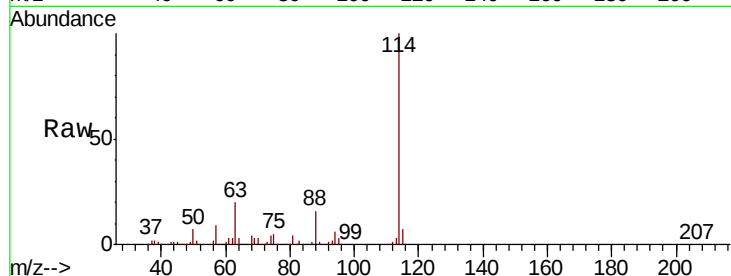




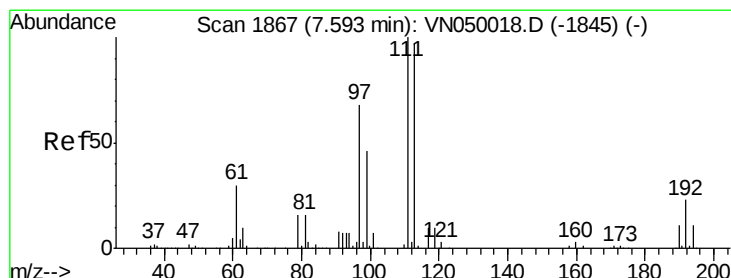
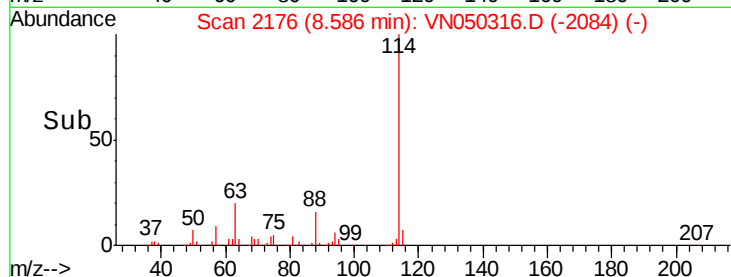
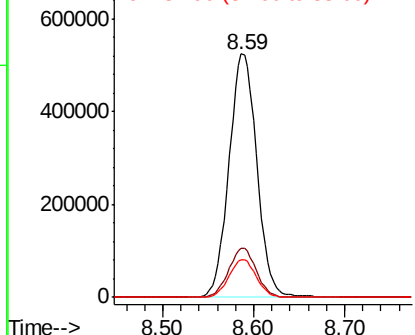
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050316.D
 Acq: 3 Aug 2018 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#01

Tot Ion:114 Resp: 1117334
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.6 0.0 31.2

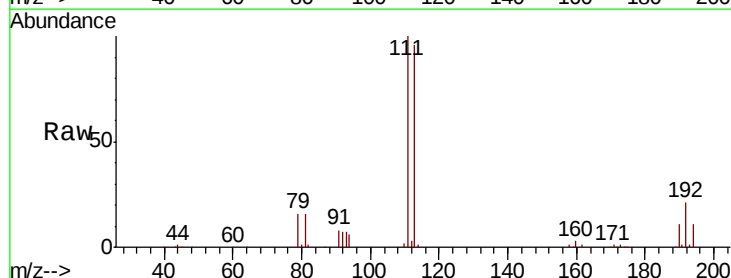


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

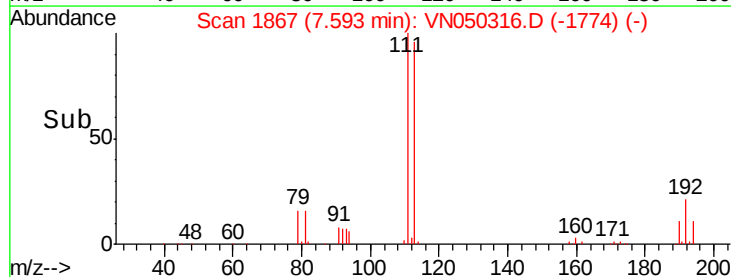
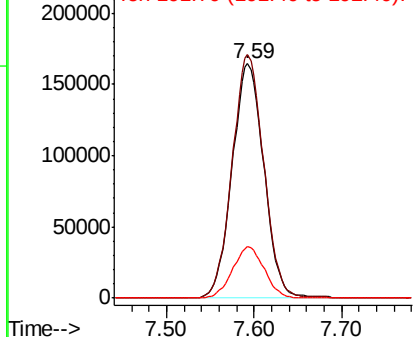


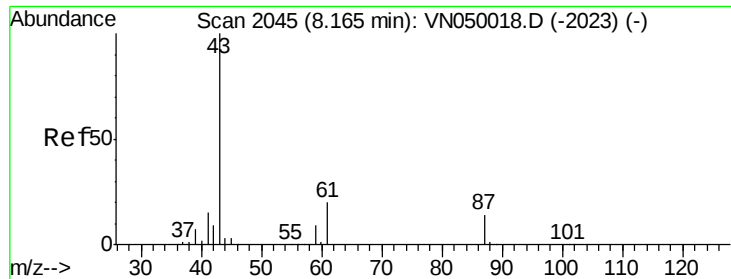
#35
 Dibromofluoromethane
 Concen: 45.59 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050316.D
 Acq: 3 Aug 2018 16:37

Tgt Ion:113 Resp: 415904
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 21.8 17.8 26.6



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: 23.02 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050316.D

Acq: 3 Aug 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#01

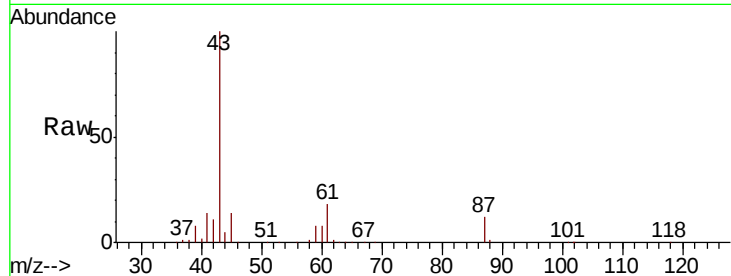
Tot Ion: 43 Resp: 390904

Ion Ratio Lower Upper

43 100

61 16.1 15.8 23.6

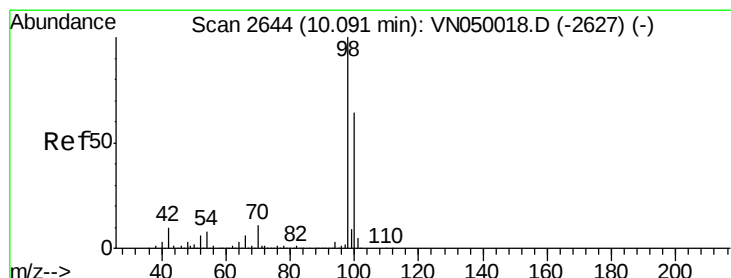
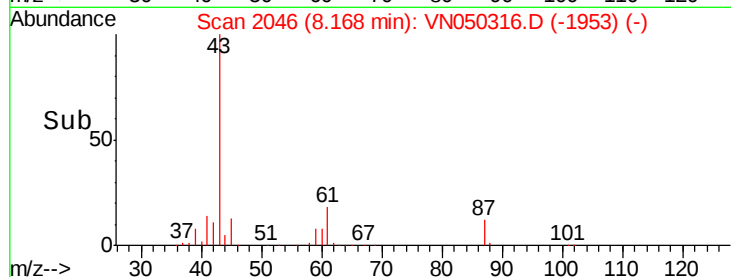
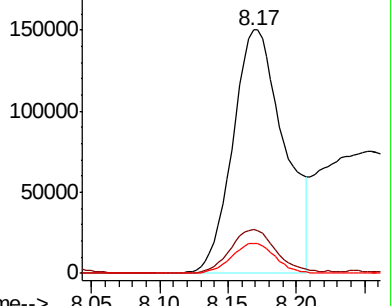
87 10.5 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)



#50

Toluene-d8

Concen: 45.53 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050316.D

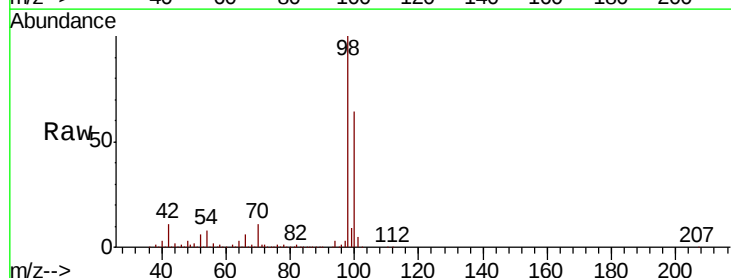
Acq: 3 Aug 2018 16:37

Tgt Ion: 98 Resp: 1526929

Ion Ratio Lower Upper

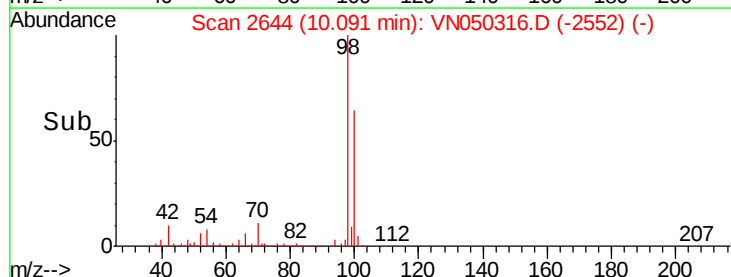
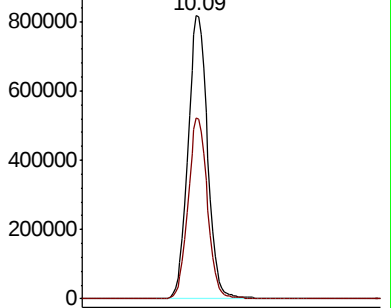
98 100

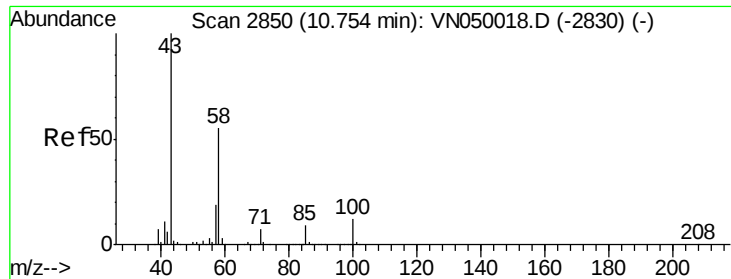
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)





#59

2-Hexanone

Concen: 9.55 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050316.D

Acq: 3 Aug 2018 16:37

Instrument :

MSVOA_N

ClientSampleId :

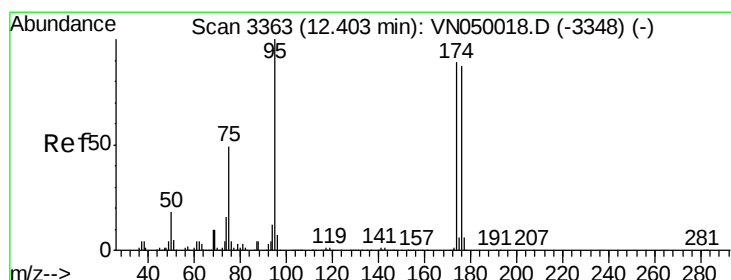
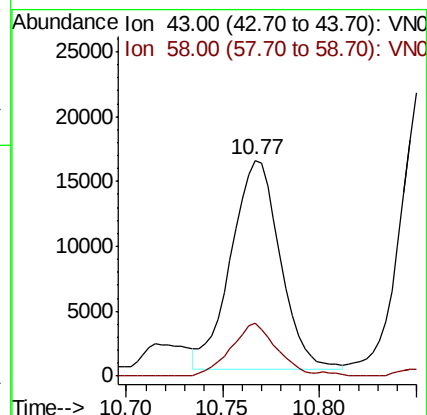
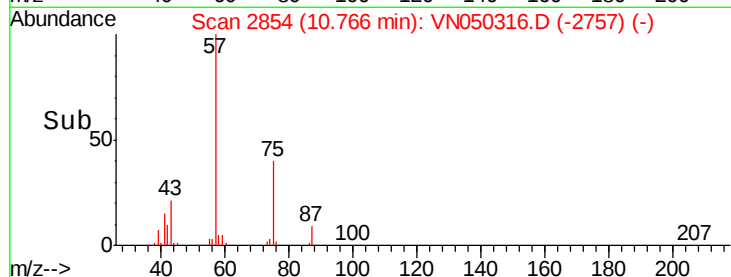
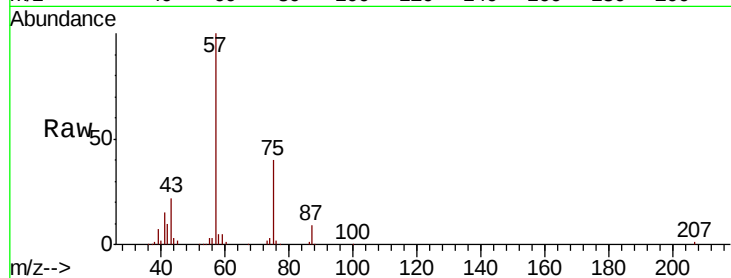
PB111719ZHE#01

Tot Ion: 43 Resp: 28350

Ion Ratio Lower Upper

43 100

58 23.4 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050316.D

Acq: 3 Aug 2018 16:37

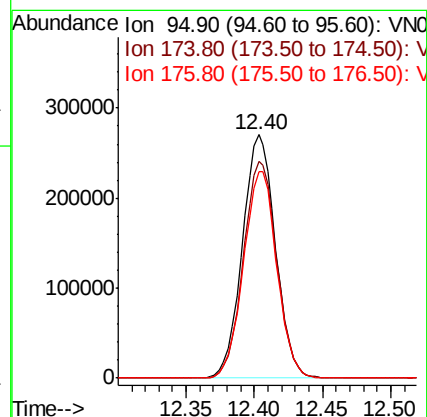
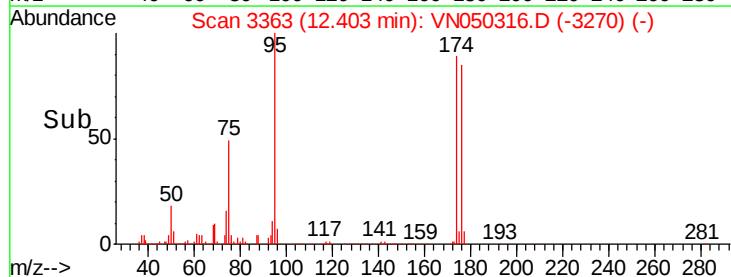
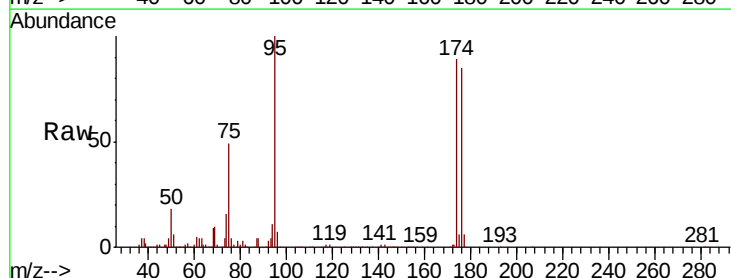
Tgt Ion: 95 Resp: 452718

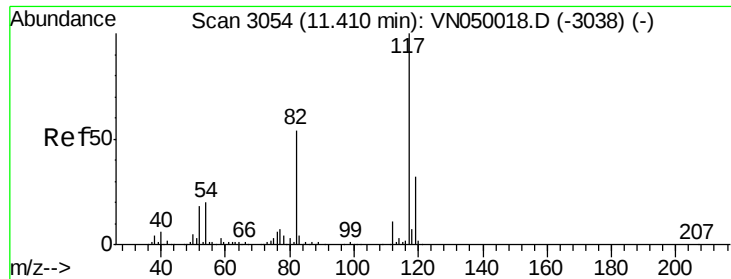
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.2

176 86.0 0.0 173.4

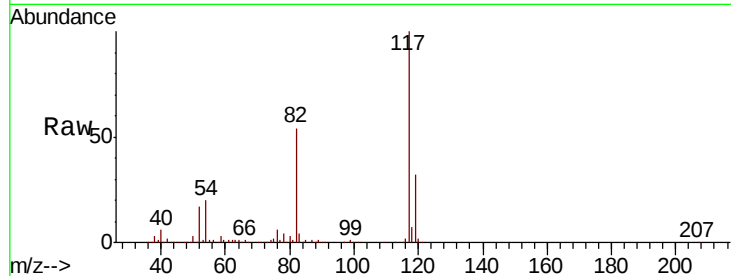




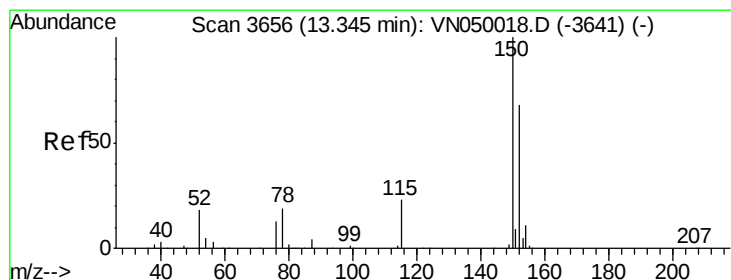
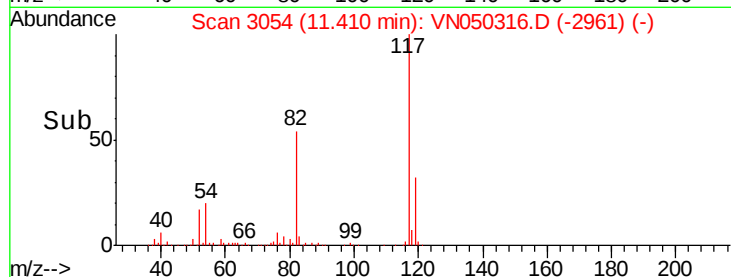
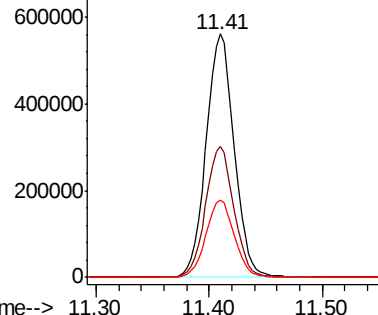
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050316.D
Acq: 3 Aug 2018 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#01

Tot Ion:117 Resp: 969509
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 31.9 26.1 39.1

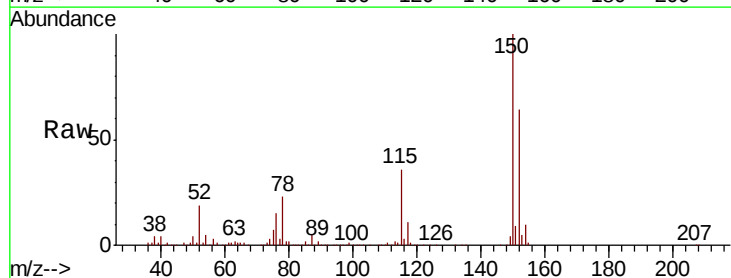


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

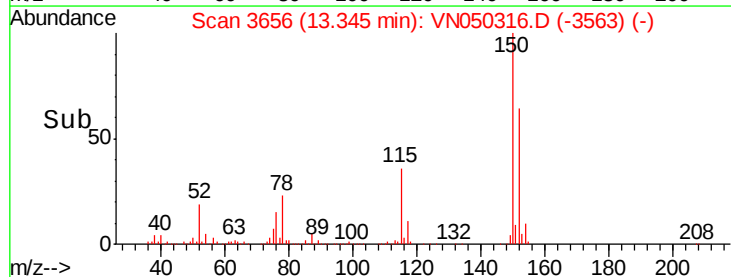
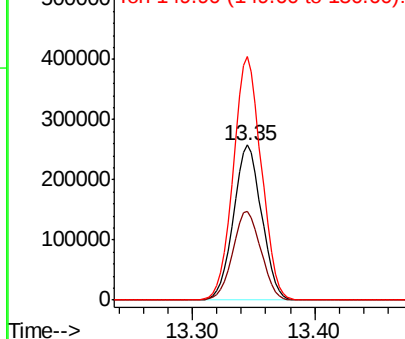


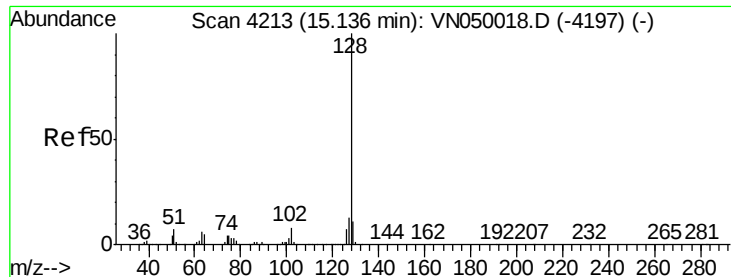
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050316.D
Acq: 3 Aug 2018 16:37

Tgt Ion:152 Resp: 412567
Ion Ratio Lower Upper
152 100
115 57.4 27.8 83.3
150 156.2 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

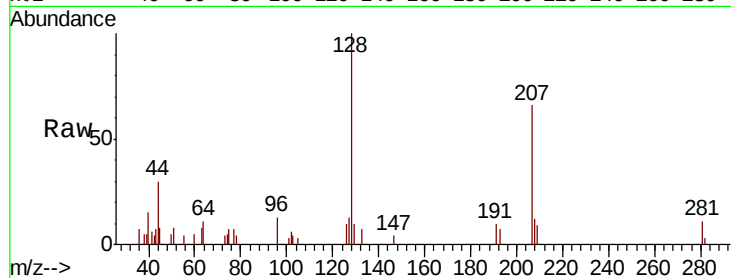




#95
 Naphthalene
 Concen: 4.84 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050316.D
 Acq: 3 Aug 2018 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#01

Tot Ion:128 Resp: 8711
 Ion Ratio Lower Upper
 128 100
 127 12.2 10.4 15.6
 129 9.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

