

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050448.D
 Acq On : 7 Aug 2018 22:03
 Operator : MD\SY
 Sample : PB111813ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111813ZHE#02

Quant Time: Aug 08 07:41:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

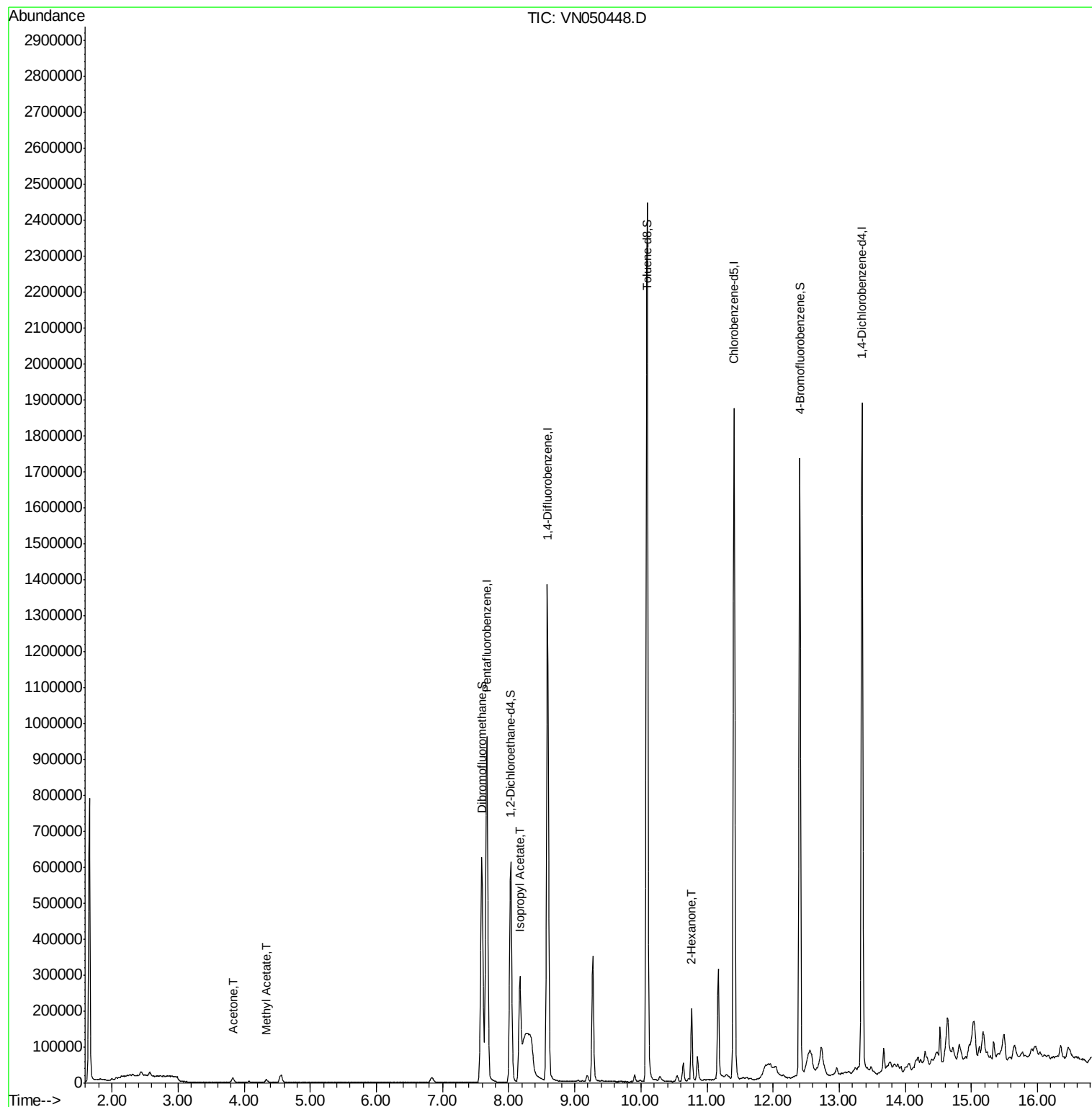
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	836799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1304465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1154893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	526980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	525622	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
35) Dibromofluoromethane	7.59	113	478352	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
50) Toluene-d8	10.09	98	1804350	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.40	95	592019	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
16) Acetone	3.83	43	20490	5.79	ug/l	99
18) Methyl Acetate	4.34	43	14557	1.49	ug/l	98
43) Isopropyl Acetate	8.17	43	374656	21.03	ug/l	98
59) 2-Hexanone	10.77	43	28339	3.16	ug/l #	55

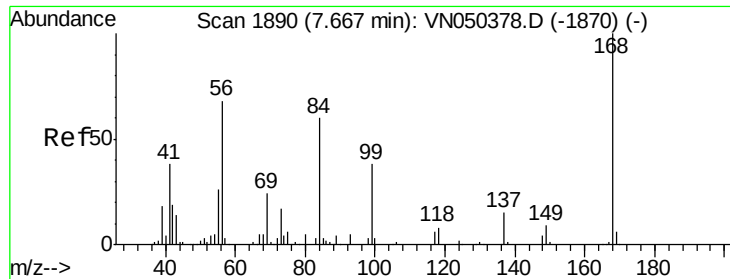
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050448.D

Acq: 7 Aug 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

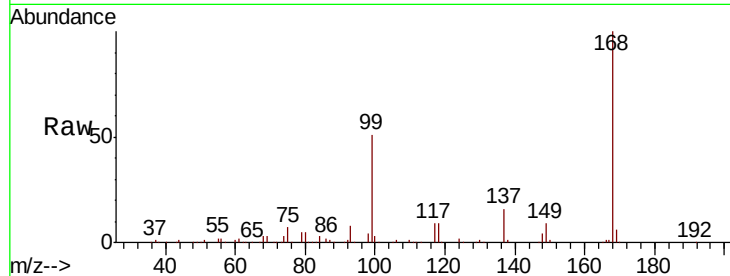
PB111813ZHE#02

Tot Ion:168 Resp: 836799

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

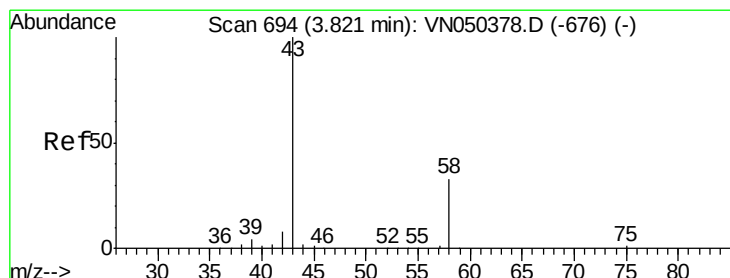
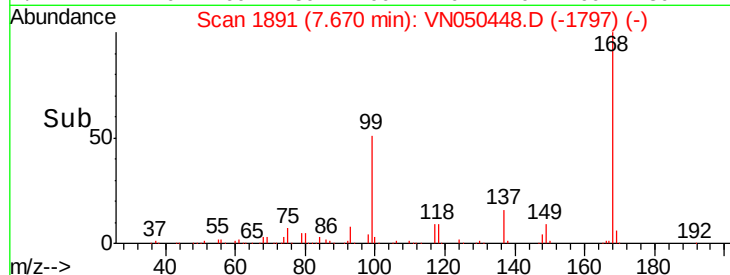
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.79 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050448.D

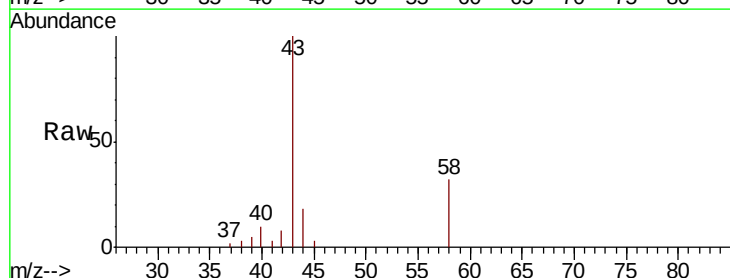
Acq: 7 Aug 2018 22:03

Tgt Ion: 43 Resp: 20490

Ion Ratio Lower Upper

43 100

58 31.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

8000

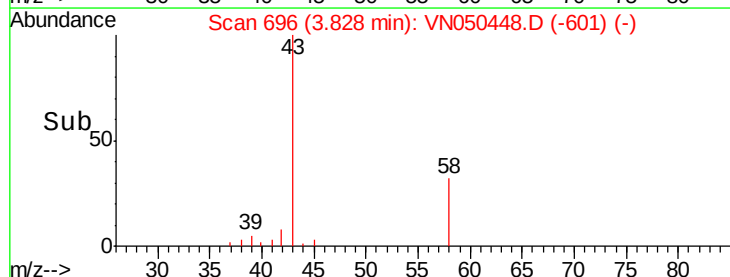
6000

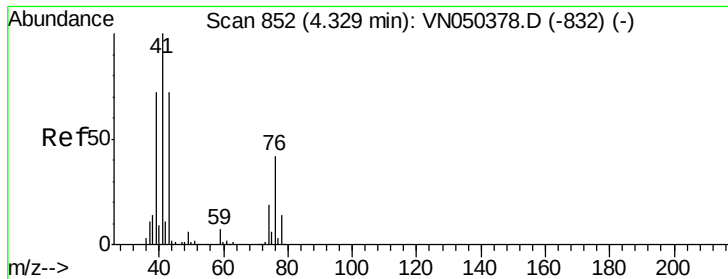
4000

2000

0

Time-->

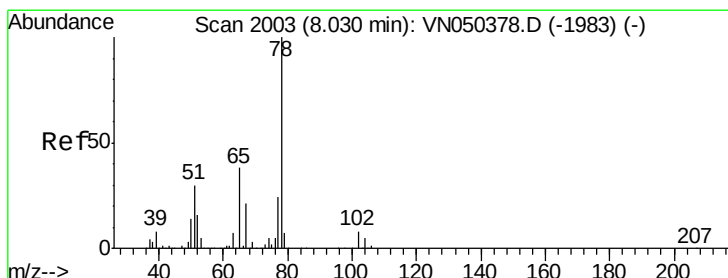
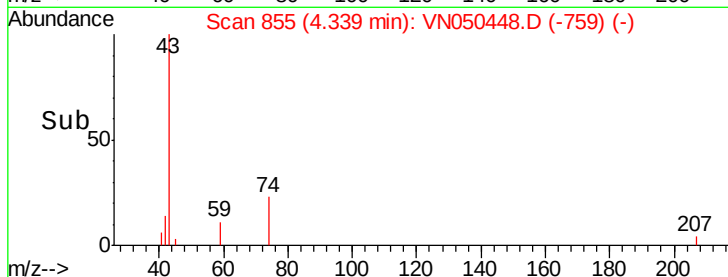
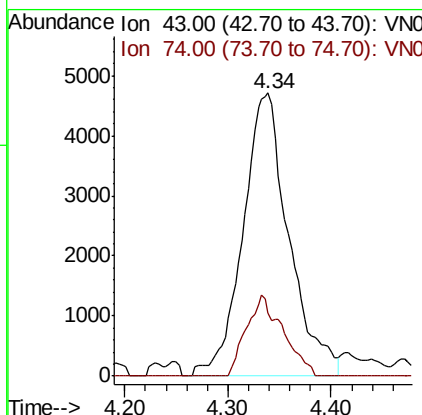
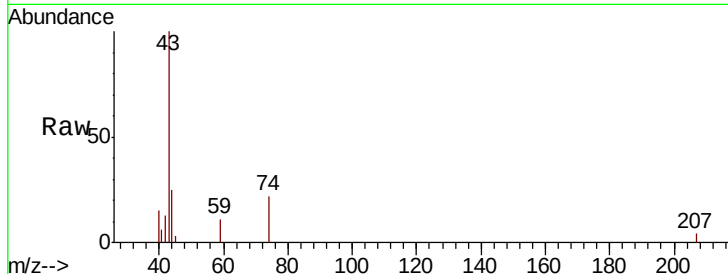




#18
Methvl Acetate
Concen: 1.49 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

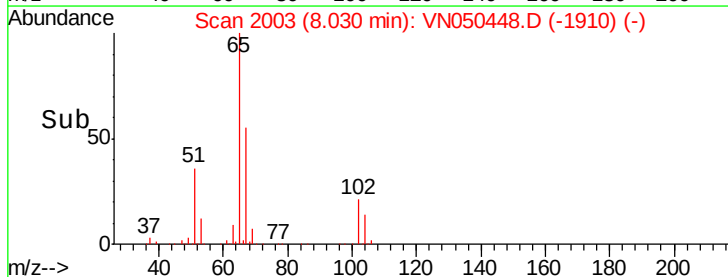
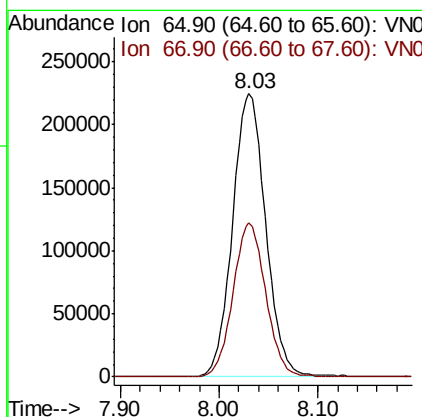
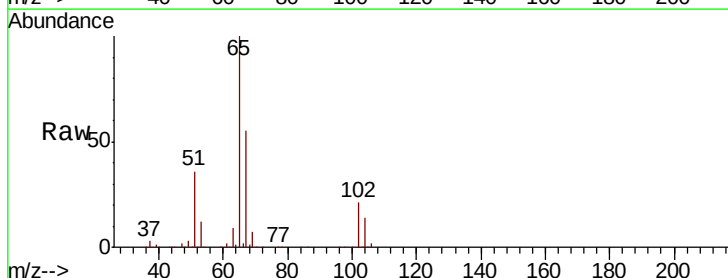
Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

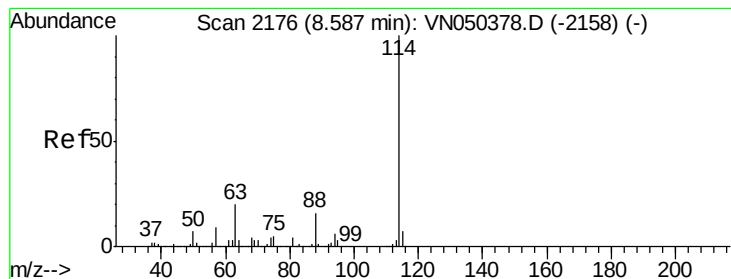
Tot Ion: 43 Resp: 14557
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 47.01 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 65 Resp: 525622
Ion Ratio Lower Upper
65 100
67 53.5 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: VN050448.D

Acq: 7 Aug 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

PB111813ZHE#02

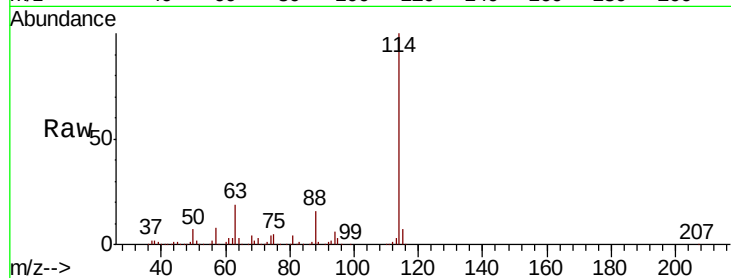
Tot Ion:114 Resp: 1304465

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

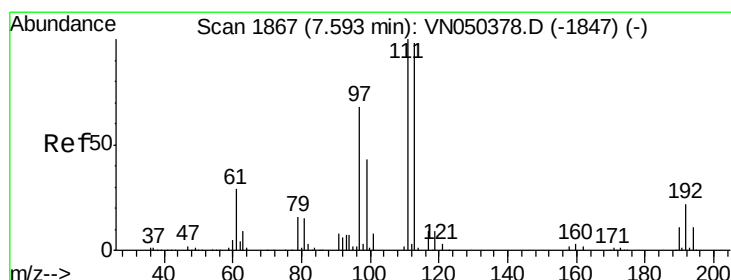
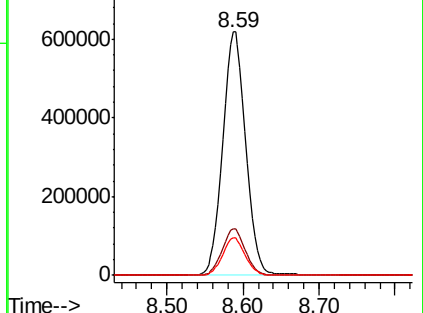
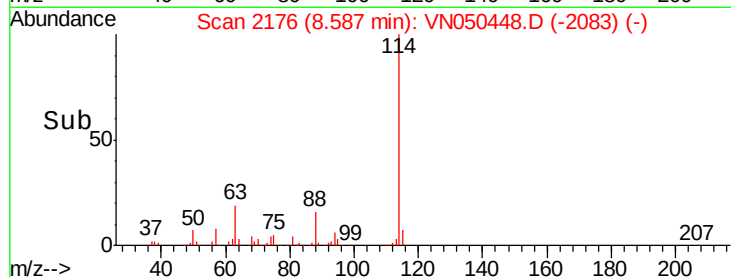
88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.70 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050448.D

Acq: 7 Aug 2018 22:03

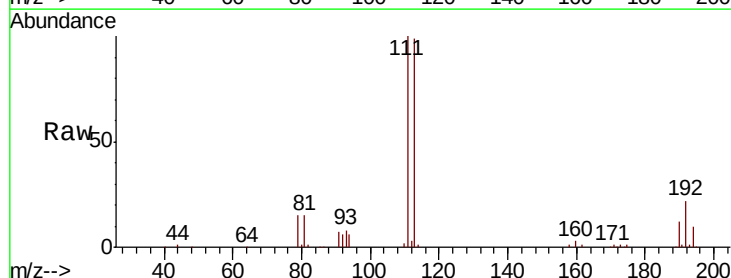
Tgt Ion:113 Resp: 478352

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

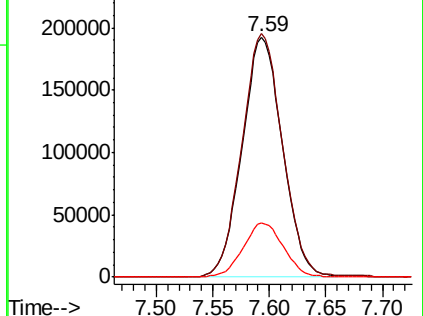
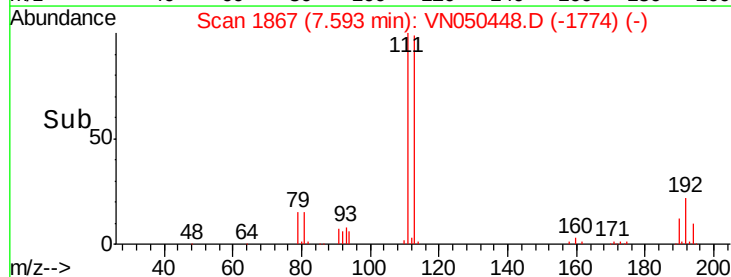
192 22.6 17.8 26.6

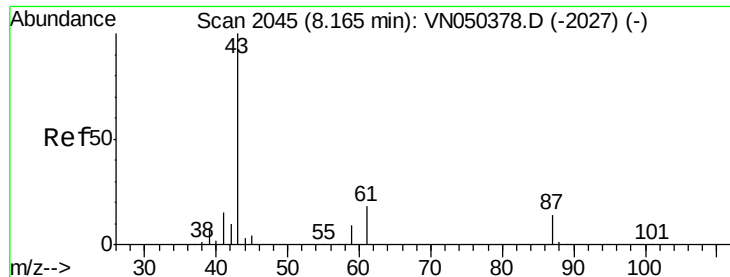


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 21.03 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050448.D

Acq: 7 Aug 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

PB111813ZHE#02

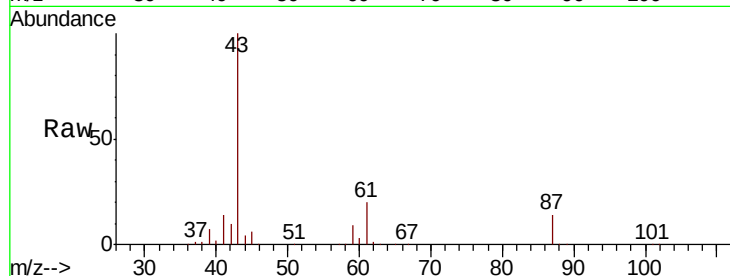
Tot Ion: 43 Resp: 374656

Ion Ratio Lower Upper

43 100

61 18.4 15.8 23.6

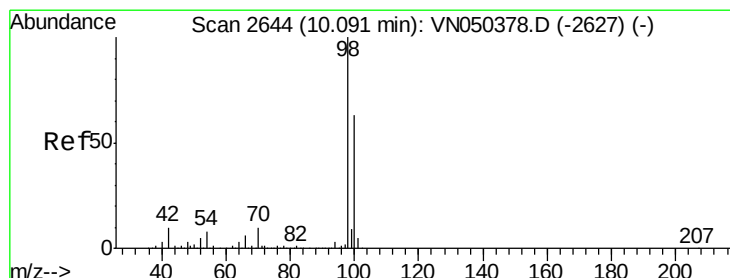
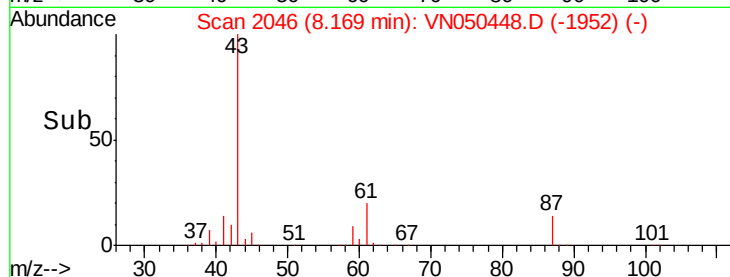
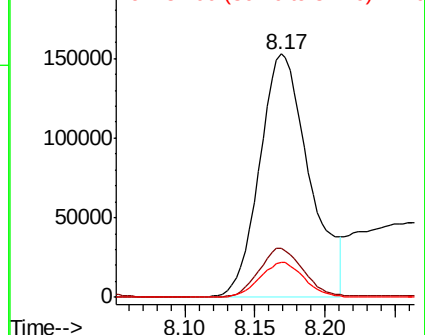
87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.85 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050448.D

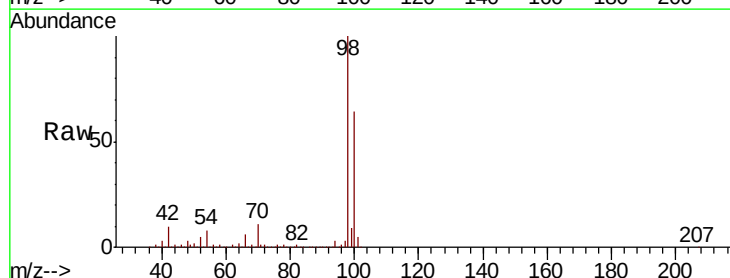
Acq: 7 Aug 2018 22:03

Tgt Ion: 98 Resp: 1804350

Ion Ratio Lower Upper

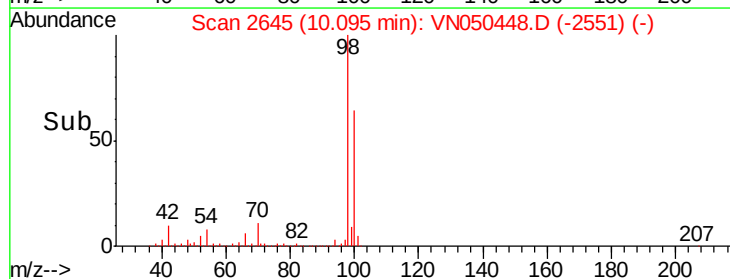
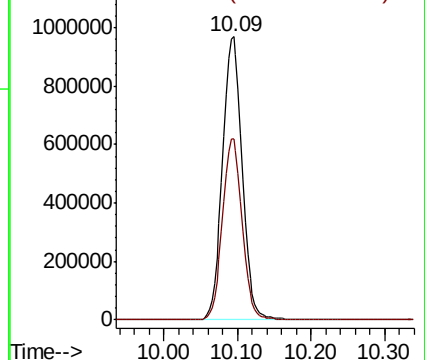
98 100

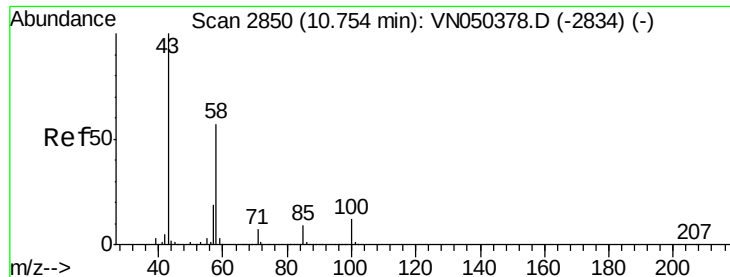
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 3.16 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050448.D

Acq: 7 Aug 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

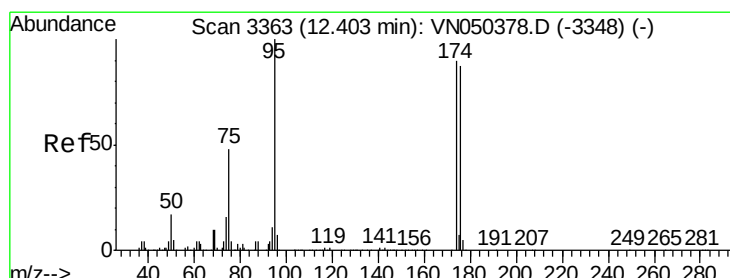
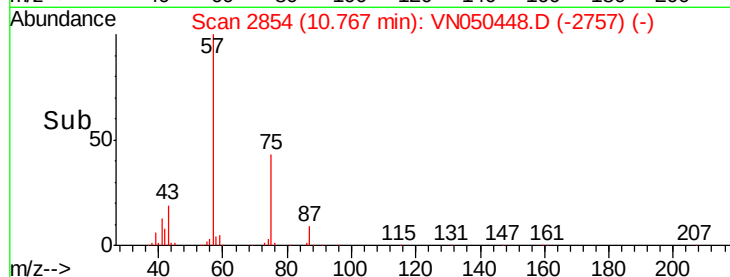
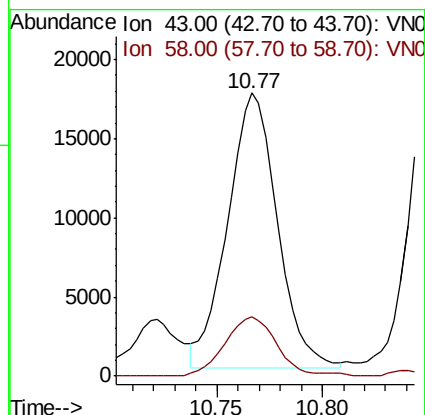
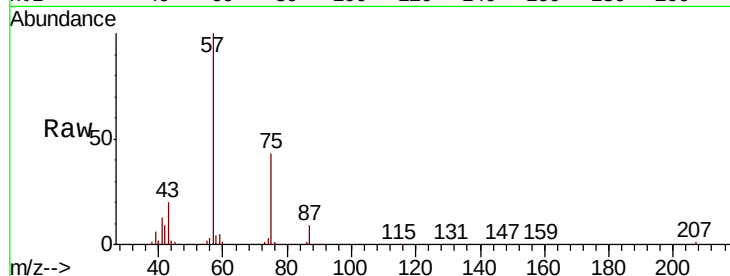
PB111813ZHE#02

Tot Ion: 43 Resp: 28339

Ion Ratio Lower Upper

43 100

58 22.8 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 44.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050448.D

Acq: 7 Aug 2018 22:03

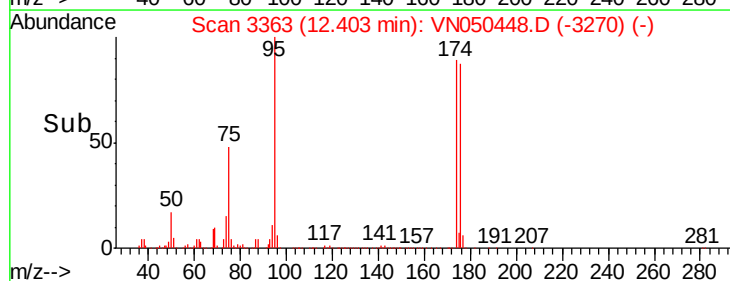
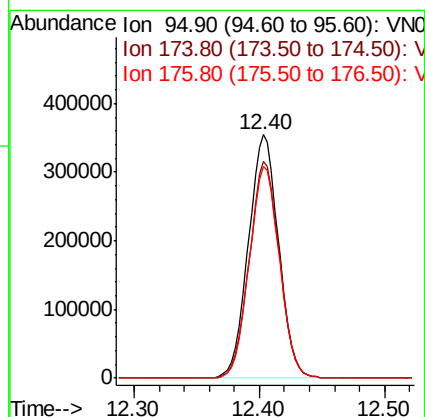
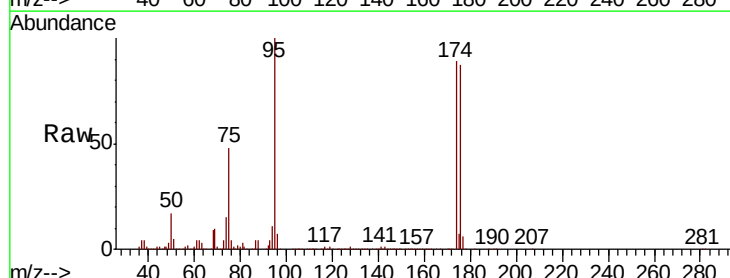
Tgt Ion: 95 Resp: 592019

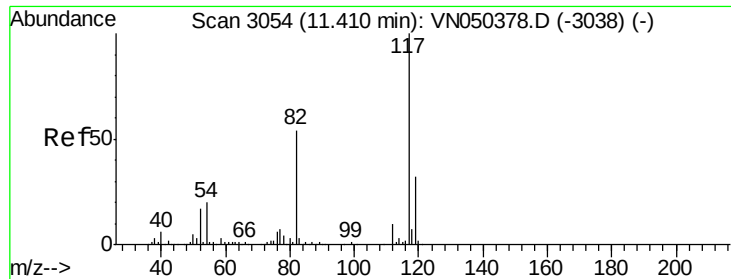
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.2

176 87.2 0.0 173.4

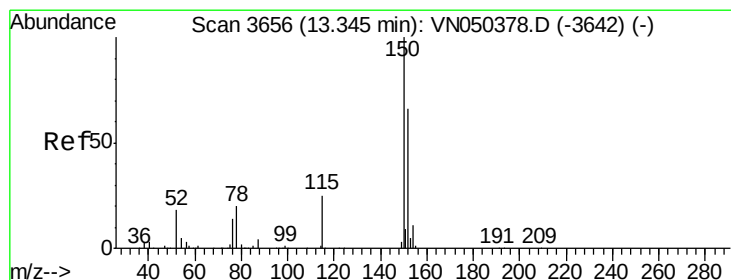
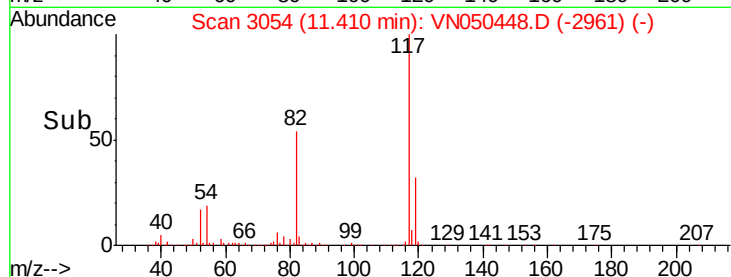
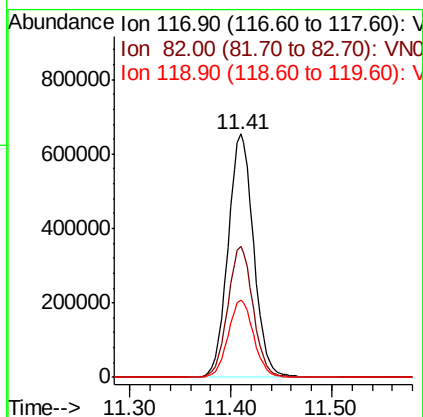
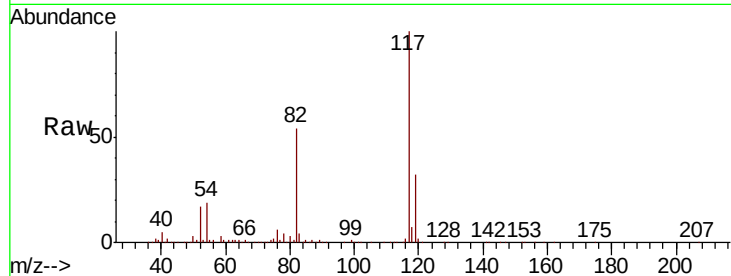




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tot Ion:117 Resp: 1154893
Ion Ratio Lower Upper
117 100
82 54.0 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: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion:152 Resp: 526980
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.3
150 155.0 0.0 348.6

