

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050248.D
 Acq On : 1 Aug 2018 14:45
 Operator : MD\SY
 Sample : PB111649ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111649ZHE#01

Quant Time: Aug 02 02:11:46 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

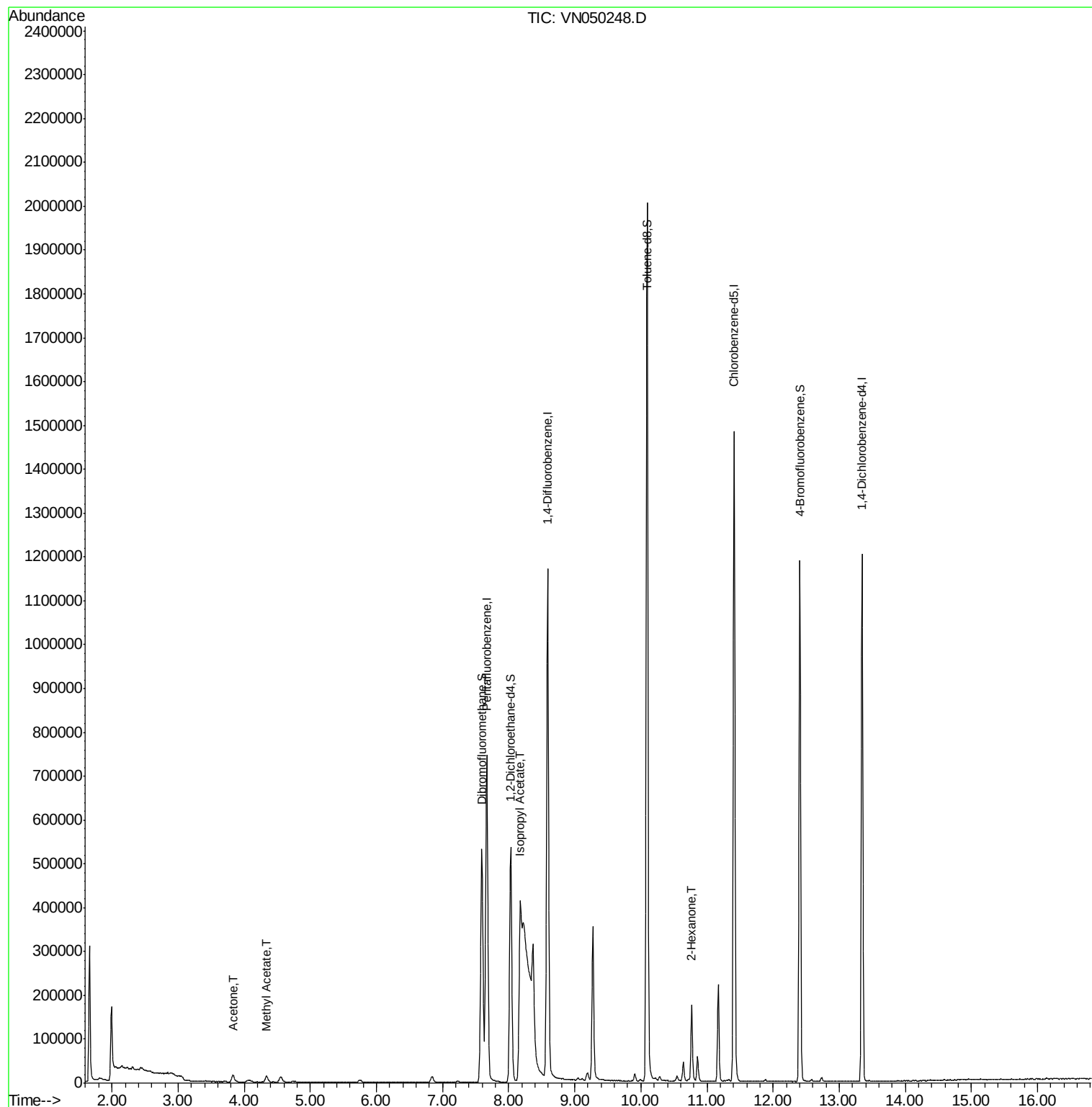
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	461093	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	405831	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	1438827	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.40	95	399508	37.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.46%	
Target Compounds						
16) Acetone	3.83	43	27422	8.793	ug/l	94
18) Methyl Acetate	4.34	43	25510	1.525	ug/l	98
43) Isopropyl Acetate	8.17	43	517207	32.207	ug/l #	86
59) 2-Hexanone	10.77	43	24247	9.080	ug/l #	56

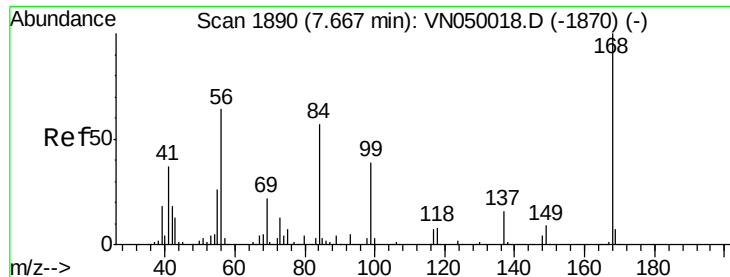
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050248.D

Acq: 1 Aug 2018 14:45

Instrument :

MSVOA_N

ClientSampleId :

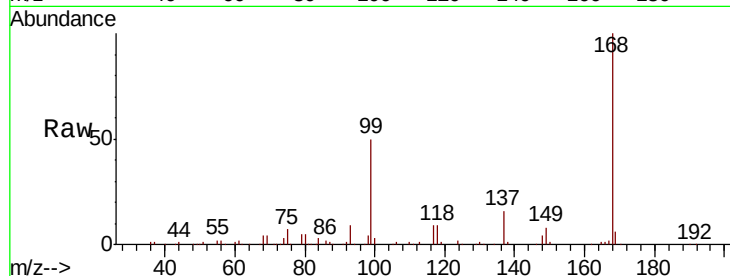
PB111649ZHE#01

Tot Ion:168 Resp: 642721

Ion Ratio Lower Upper

168 100

99 50.4 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

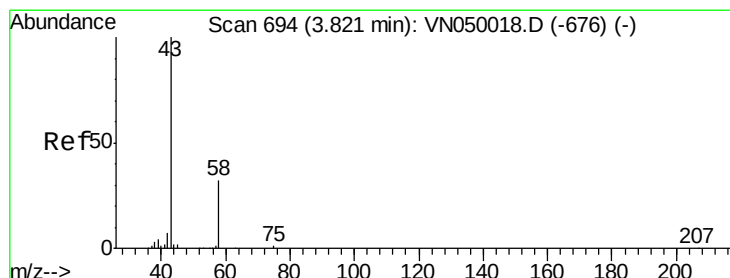
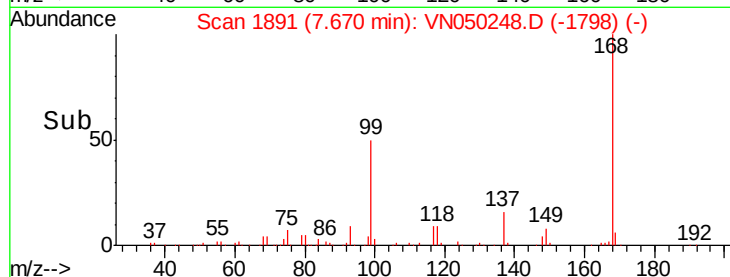
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.793 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050248.D

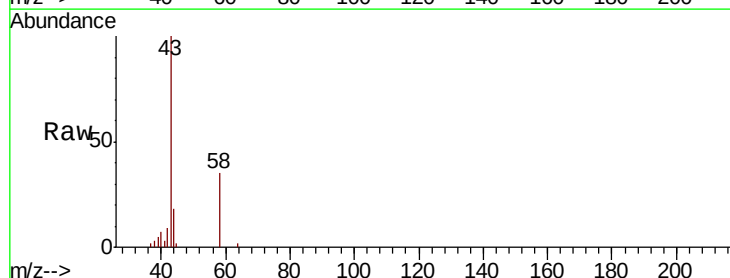
Acq: 1 Aug 2018 14:45

Tgt Ion: 43 Resp: 27422

Ion Ratio Lower Upper

43 100

58 35.6 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) (-)

3.83

10000

8000

6000

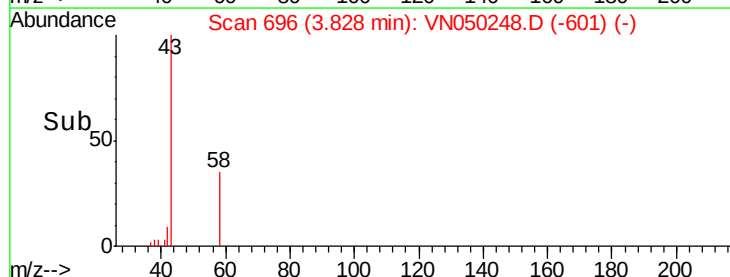
4000

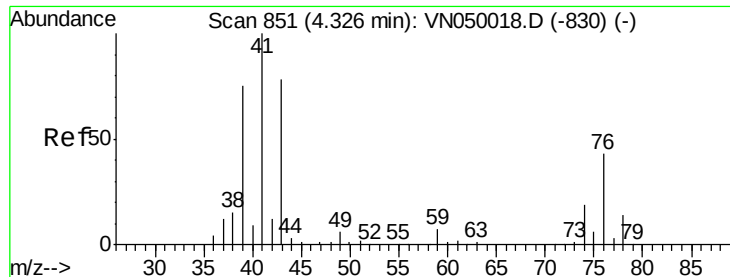
2000

0

3.75 3.80 3.85 3.90

Time-->

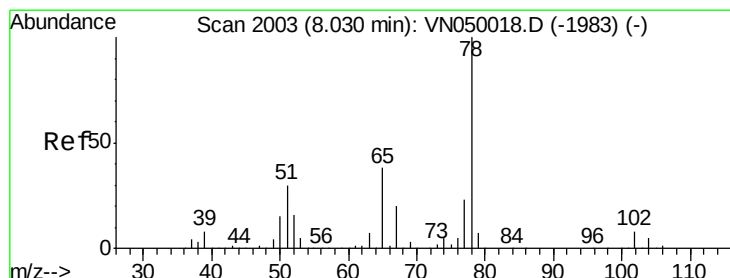
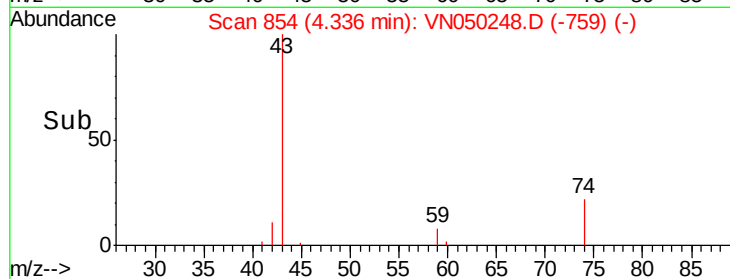
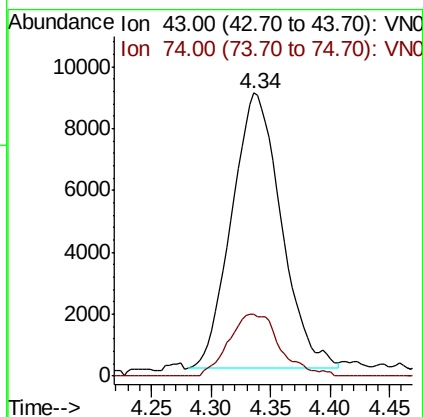
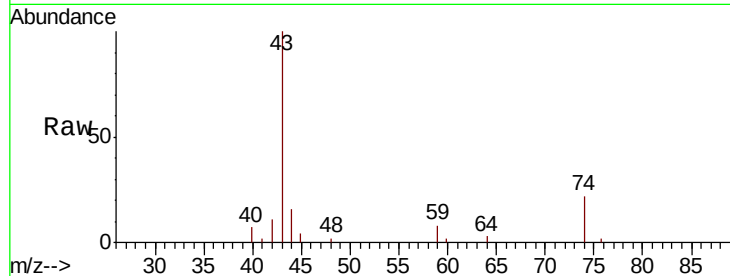




#18
Methvl Acetate
Concen: 1.525 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050248.D
Acq: 1 Aug 2018 14:45

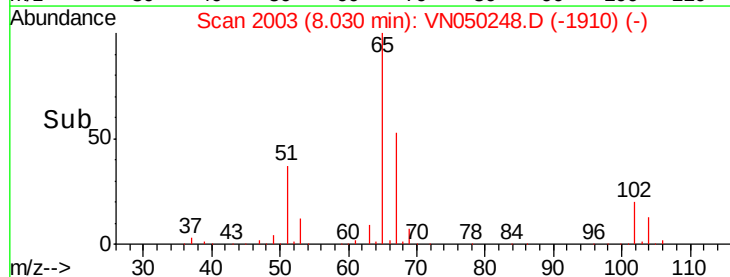
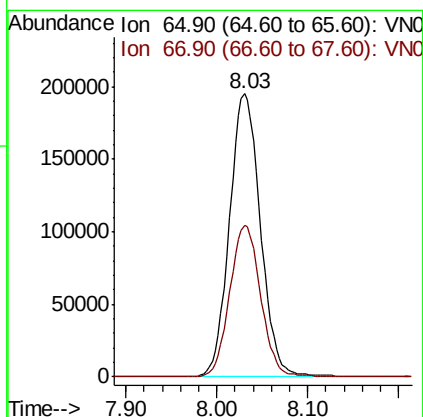
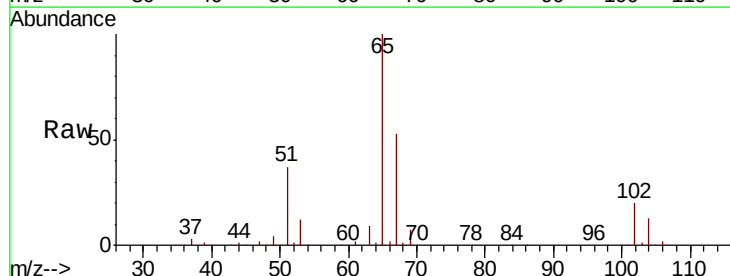
Instrument :
MSVOA_N
ClientSampleId :
PB111649ZHE#01

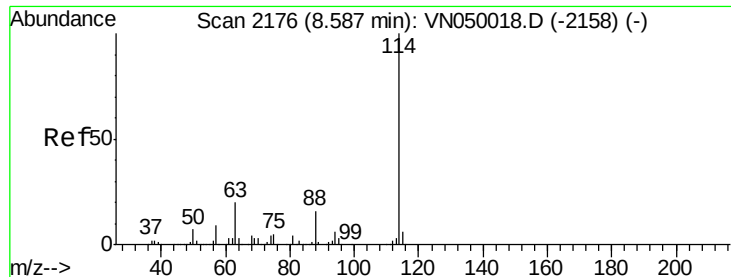
Tot Ion: 43 Resp: 25510
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 51.419 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050248.D
Acq: 1 Aug 2018 14:45

Tgt Ion: 65 Resp: 461093
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

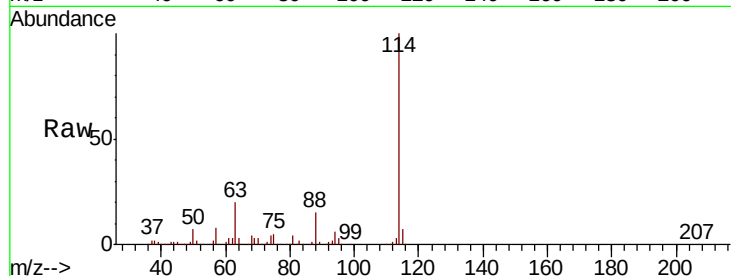




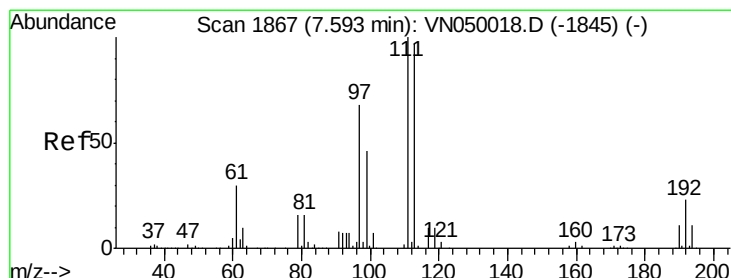
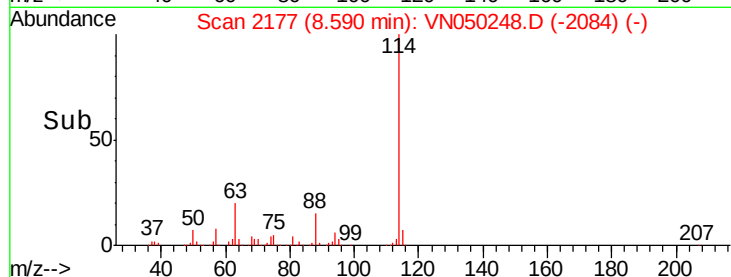
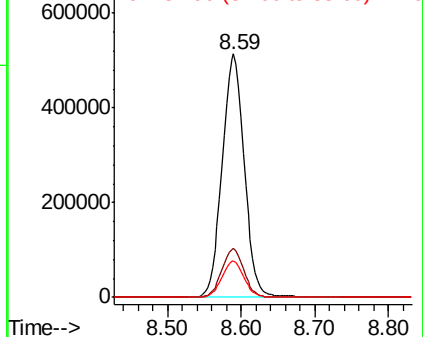
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050248.D
 Acq: 1 Aug 2018 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111649ZHE#01

Tot Ion:114 Resp: 1071401
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.1 0.0 31.2

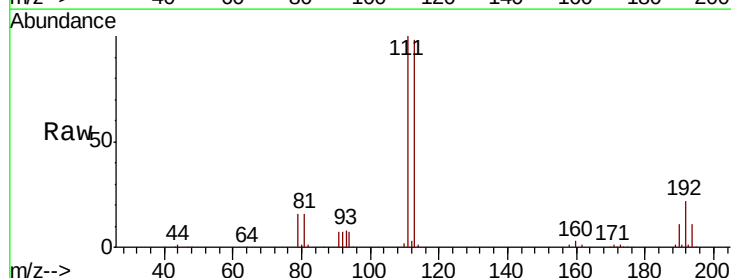


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

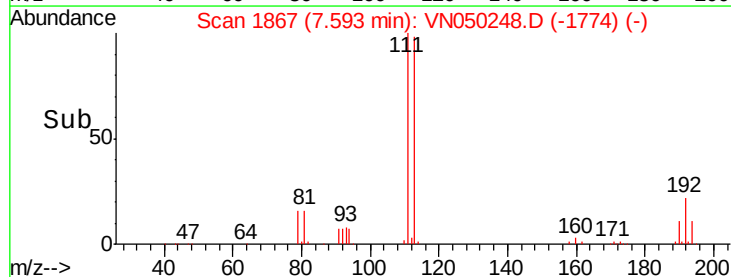
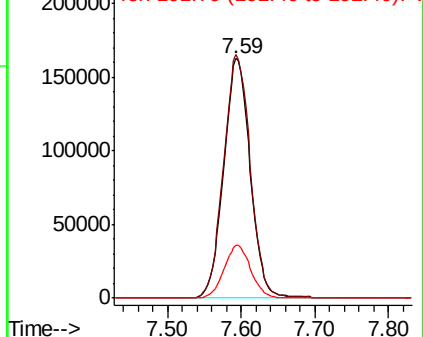


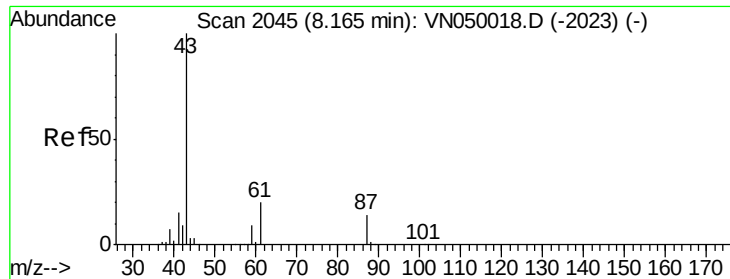
#35
 Dibromofluoromethane
 Concen: 46.393 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050248.D
 Acq: 1 Aug 2018 14:45

Tgt Ion:113 Resp: 405831
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 22.1 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



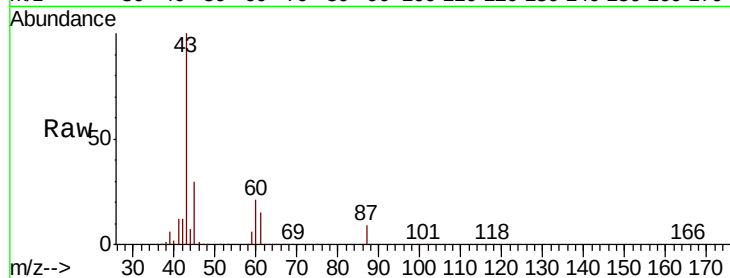


#43

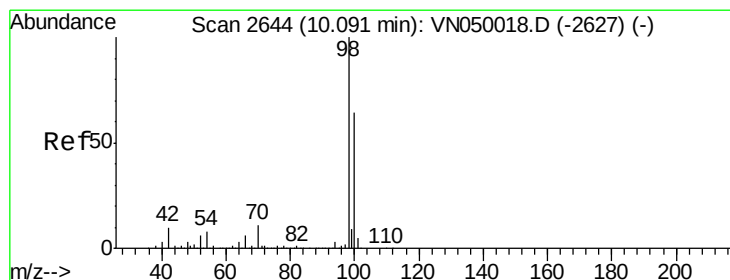
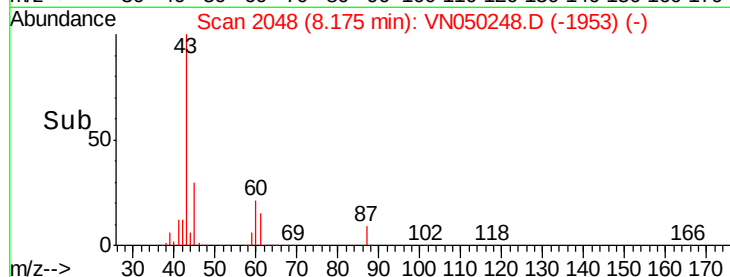
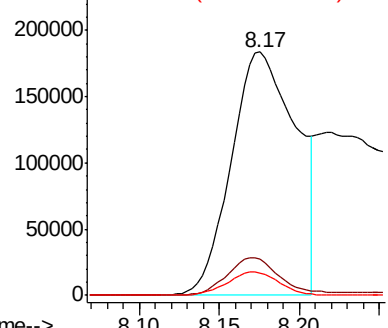
Isopropyl Acetate
 Concen: 32.207 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050248.D
 Acq: 1 Aug 2018 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111649ZHE#01

Tot Ion: 43 Resp: 517207
 Ion Ratio Lower Upper
 43 100
 61 13.1 15.8 23.6#
 87 7.8 10.3 15.5#



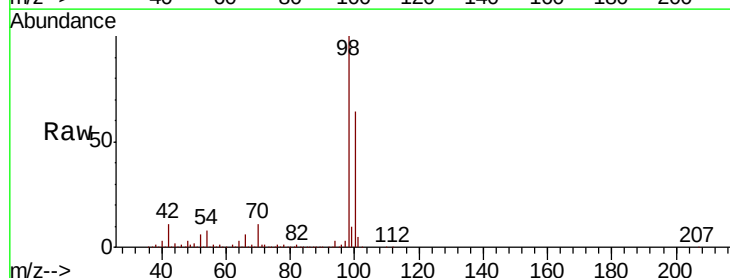
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



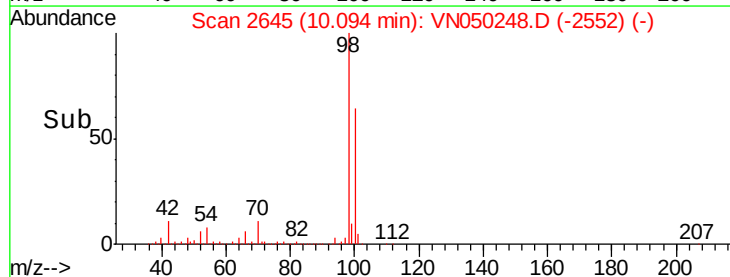
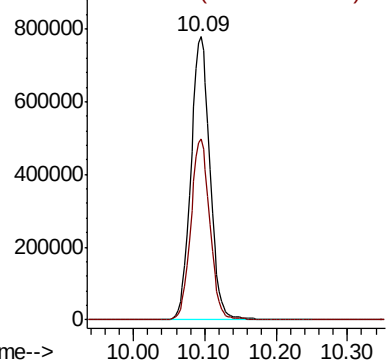
#50

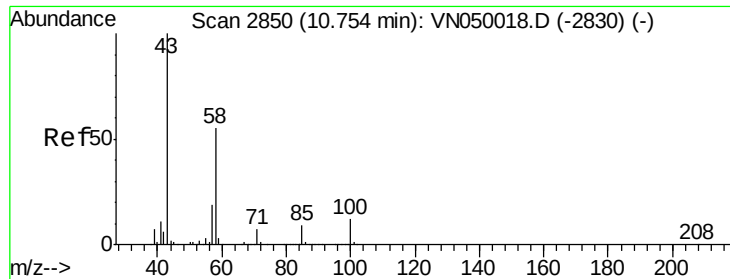
Toluene-d8
 Concen: 44.739 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050248.D
 Acq: 1 Aug 2018 14:45

Tgt Ion: 98 Resp: 1438827
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNO
 Ion 100.00 (99.70 to 100.70): VNO





#59

2-Hexanone

Concen: 9.080 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050248.D

Acq: 1 Aug 2018 14:45

Instrument :

MSVOA_N

ClientSampleId :

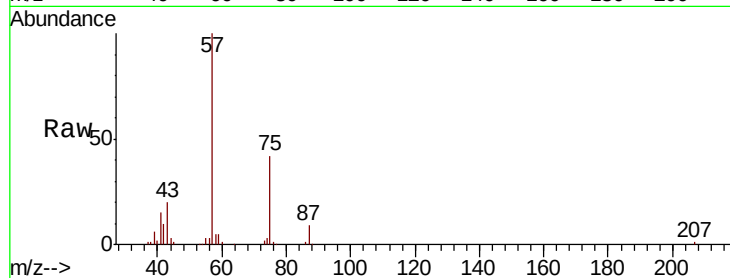
PB111649ZHE#01

Tot Ion: 43 Resp: 24247

Ion Ratio Lower Upper

43 100

58 23.6 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

25000

20000

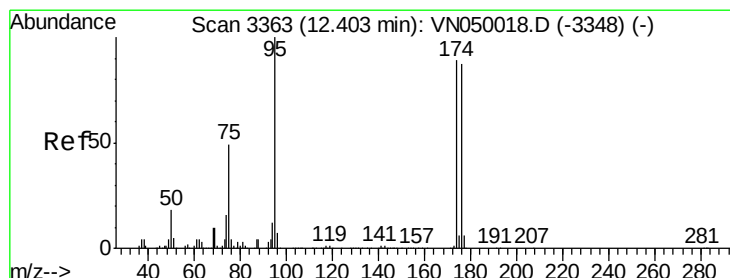
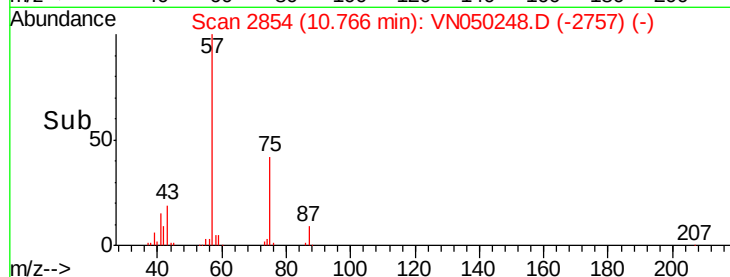
15000

10000

5000

0

Time--> 10.70 10.75 10.80



#62

4-Bromofluorobenzene

Concen: 37.727 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050248.D

Acq: 1 Aug 2018 14:45

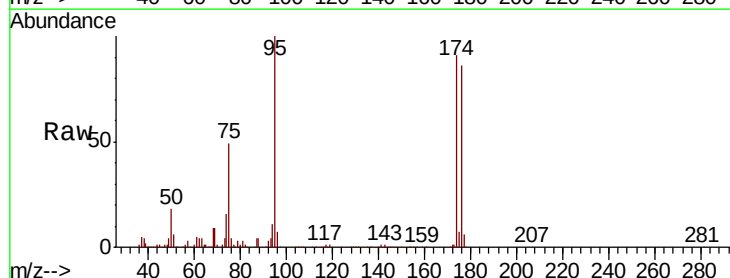
Tgt Ion: 95 Resp: 399508

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 86.9 0.0 173.4



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

300000

250000

200000

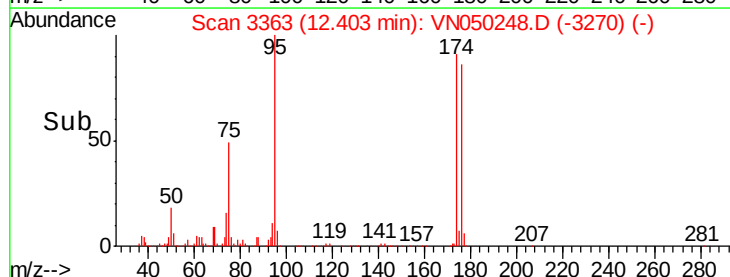
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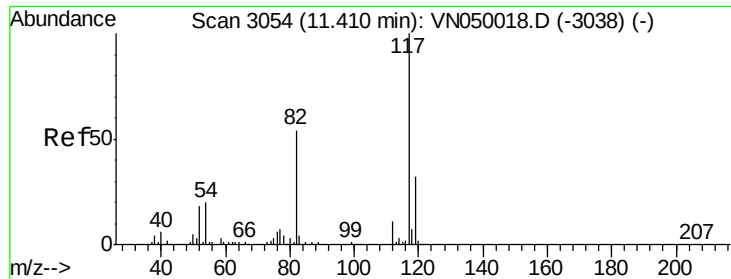
100000

50000

0

Time--> 12.30 12.40 12.50

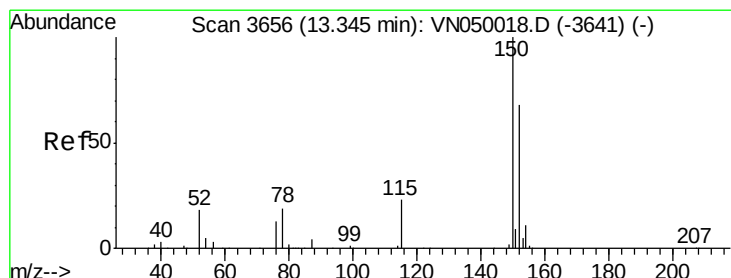
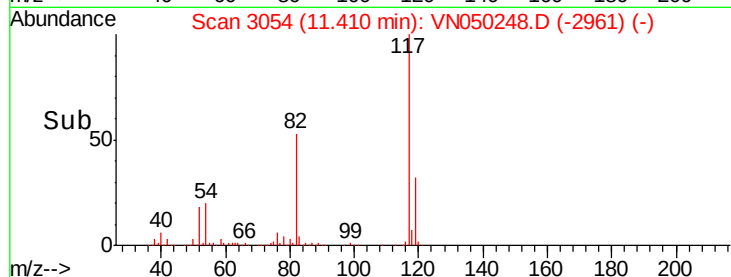
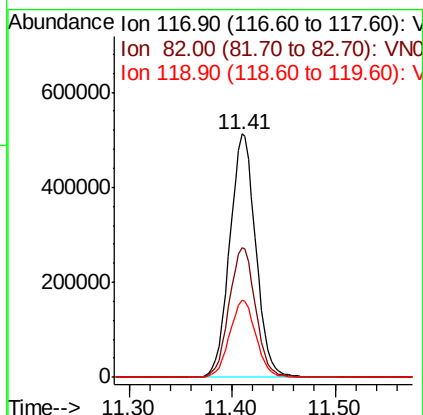
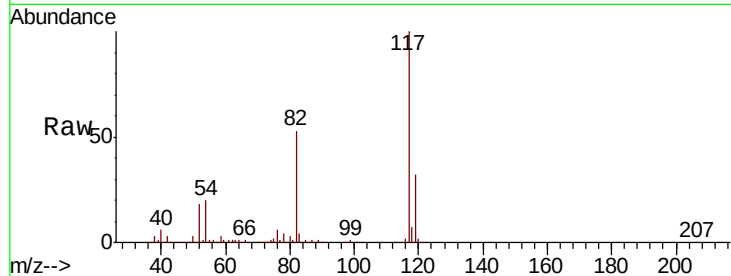




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050248.D
Acq: 1 Aug 2018 14:45

Instrument :
MSVOA_N
ClientSampleId :
PB111649ZHE#01

Tot Ion:117 Resp: 901516
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050248.D
Acq: 1 Aug 2018 14:45

Tgt Ion:152 Resp: 336670
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 156.7 0.0 348.6

