

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050924.D
 Acq On : 28 Aug 2018 19:52
 Operator : MD\SY
 Sample : PB112421ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#02

Quant Time: Aug 29 05:38:23 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	996124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	811041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261467	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	391100	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
35) Dibromofluoromethane	7.59	113	370647	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
50) Toluene-d8	10.09	98	1318903	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
62) 4-Bromofluorobenzene	12.40	95	341844	34.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.44%	

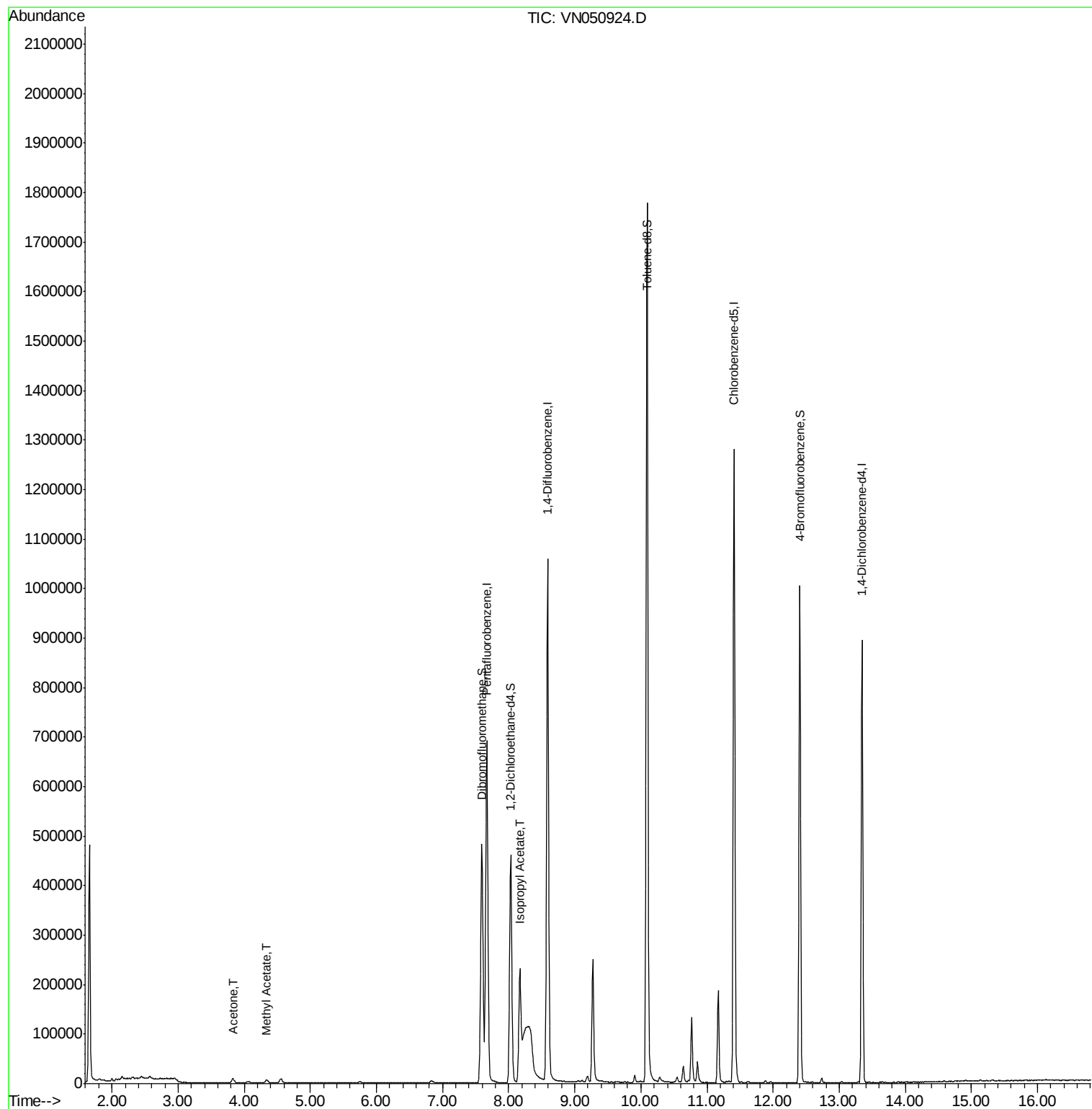
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15086	1.70	ug/l	97
18) Methyl Acetate	4.33	43	11455	1.66	ug/l	98
43) Isopropyl Acetate	8.17	43	287662	24.78	ug/l	95

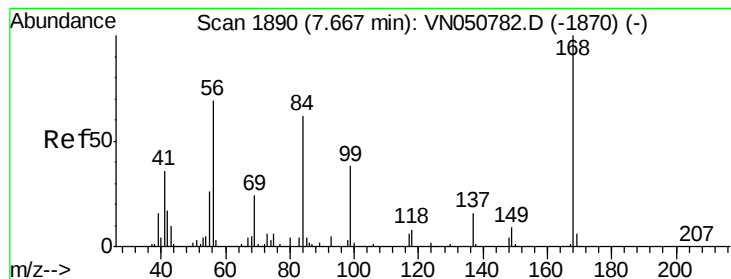
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

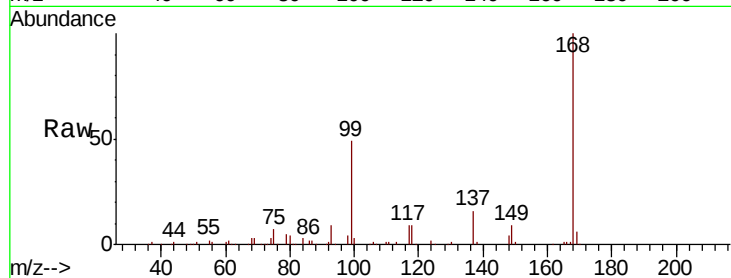
PB112421ZHE#02

Tot Ion:168 Resp: 607361

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050924.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050924.D (-1797) (-)

7.67

250000

200000

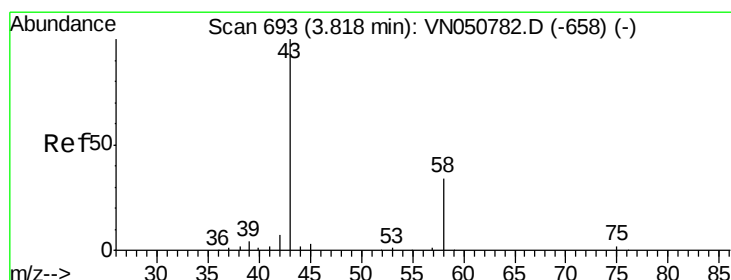
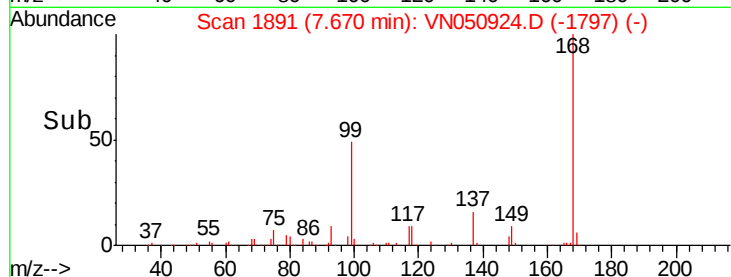
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.70 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050924.D

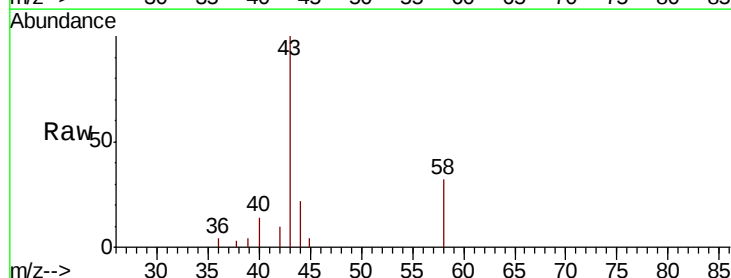
Acq: 28 Aug 2018 19:52

Tgt Ion: 43 Resp: 15086

Ion Ratio Lower Upper

43 100

58 32.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050924.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050924.D (-600) (-)

3.83

6000

5000

4000

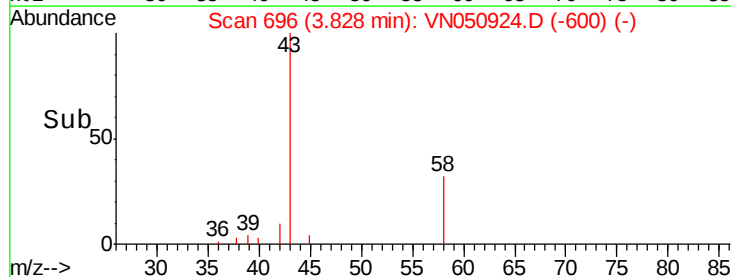
3000

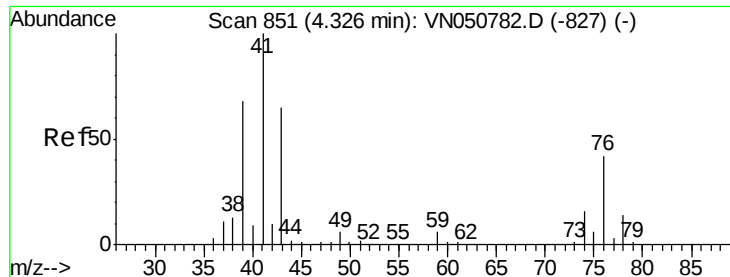
2000

1000

0

Time-->

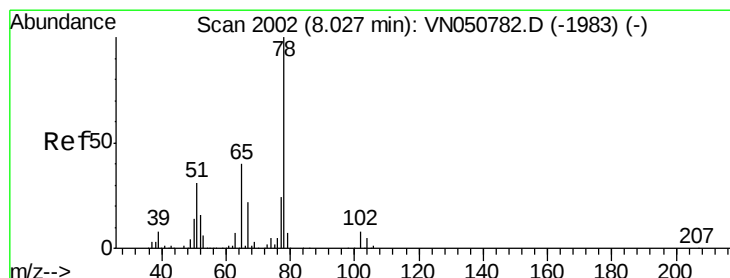
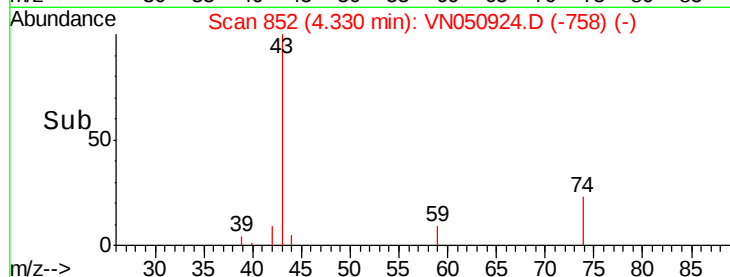
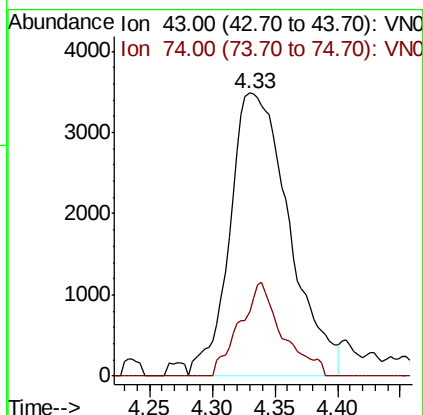
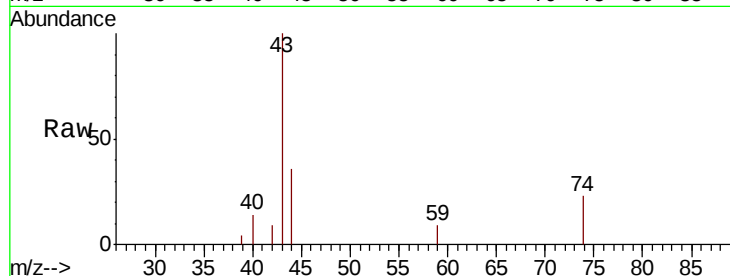




#18
Methvl Acetate
Concen: 1.66 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

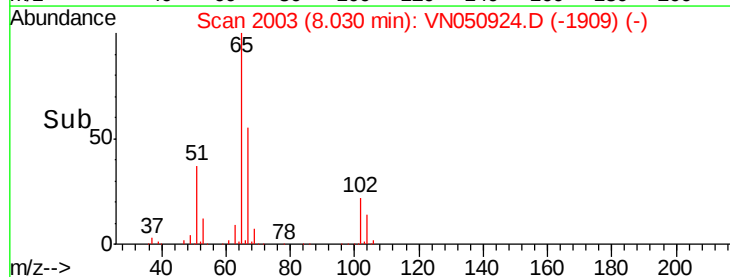
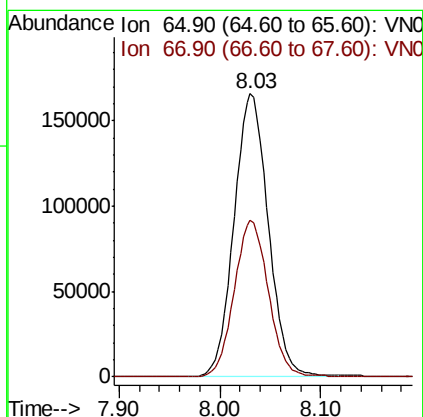
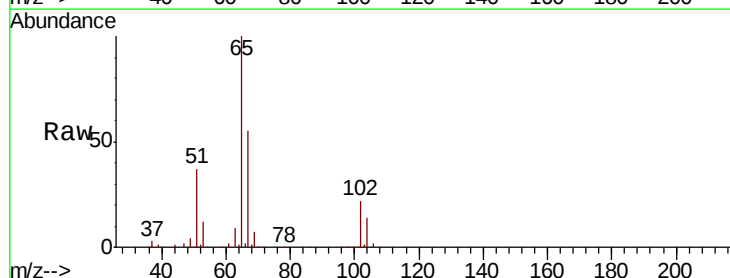
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#02

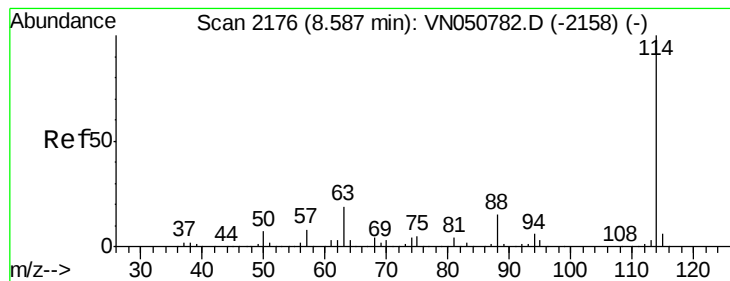
Tot Ion: 43 Resp: 11455
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 53.49 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050924.D
Acq: 28 Aug 2018 19:52

Tgt Ion: 65 Resp: 391100
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

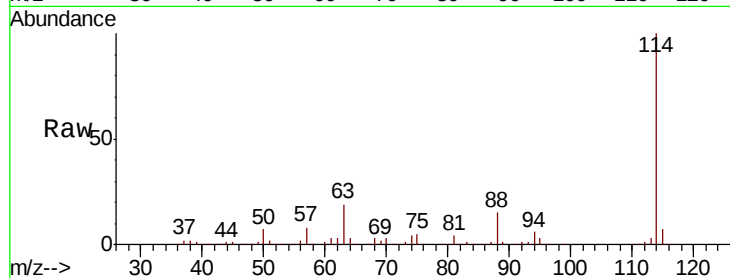
Tot Ion:114 Resp: 996124

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.3 0.0 30.6



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

600000

500000

400000

300000

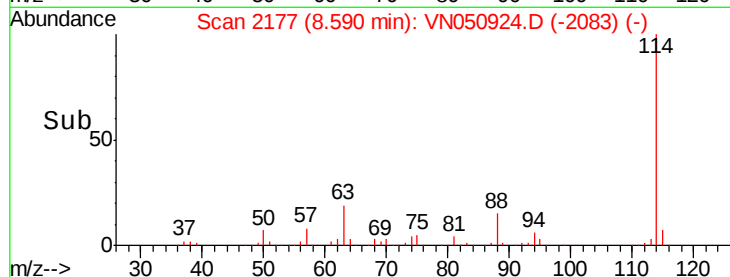
200000

100000

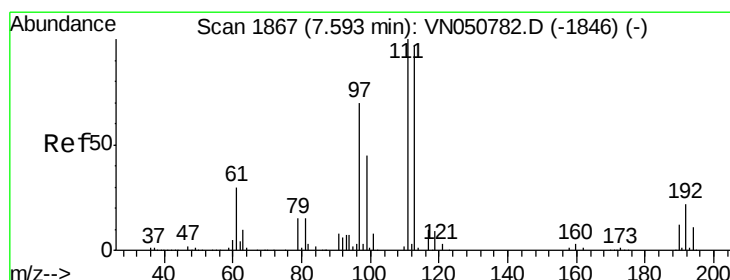
0

8.59

8.50 8.60 8.70 8.80



Time-->



#35

Dibromofluoromethane

Concen: 46.77 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

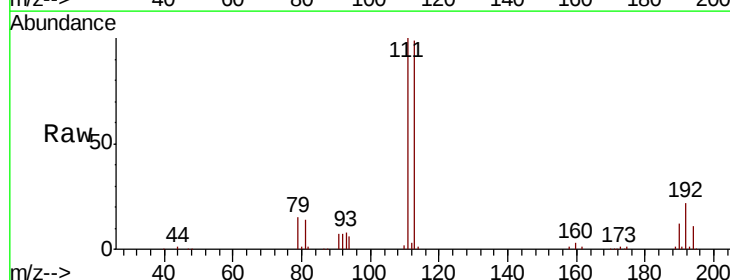
Tgt Ion:113 Resp: 370647

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 23.1 18.0 27.0



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

200000

150000

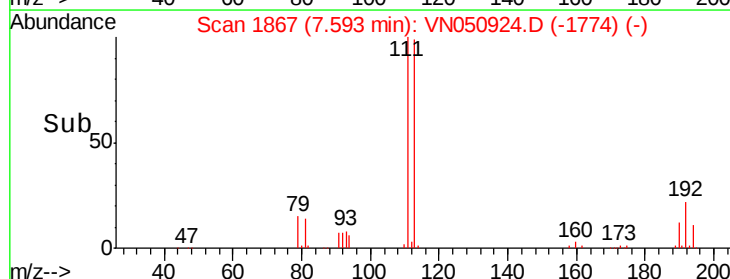
100000

50000

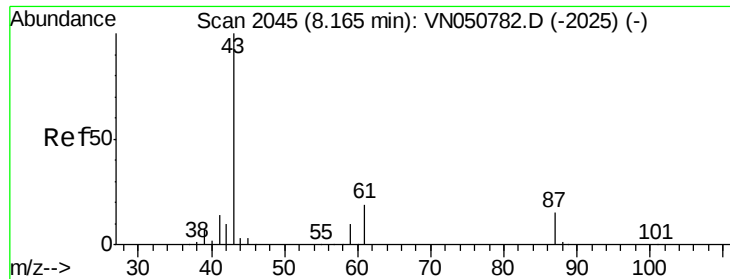
0

7.59

7.50 7.60 7.70



Time-->

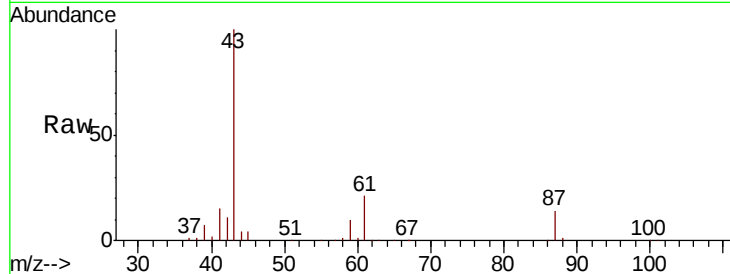


#43

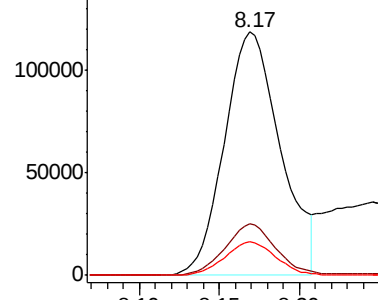
Isopropyl Acetate
 Concen: 24.78 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050924.D
 Acq: 28 Aug 2018 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#02

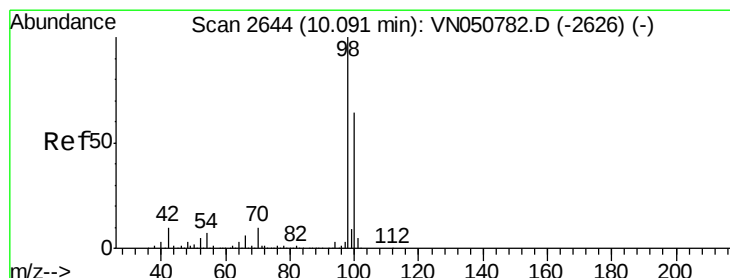
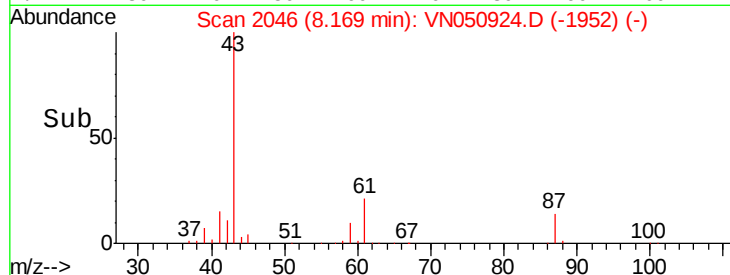
Tot Ion	43	Resp	287662
Ion Ratio	Lower	Upper	
43	100		
61	19.4	17.5	26.3
87	12.6	11.3	16.9



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



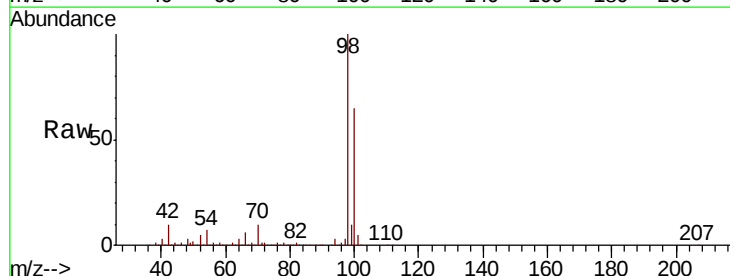
Time-->



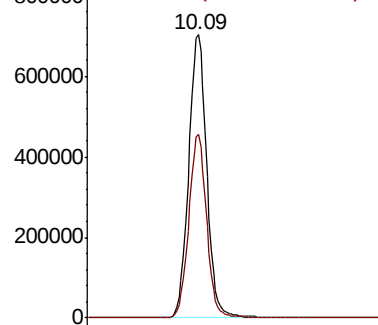
#50

Toluene-d8
 Concen: 44.51 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050924.D
 Acq: 28 Aug 2018 19:52

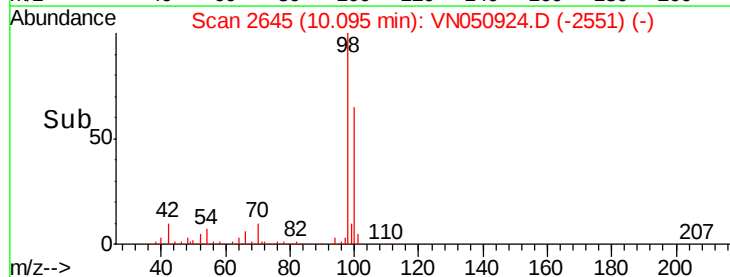
Tgt Ion	98	Resp	1318903
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.5	77.3

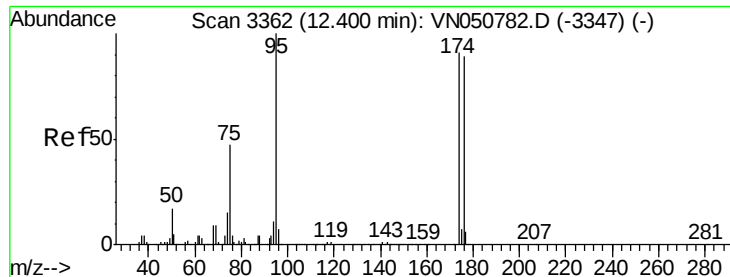


Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 34.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

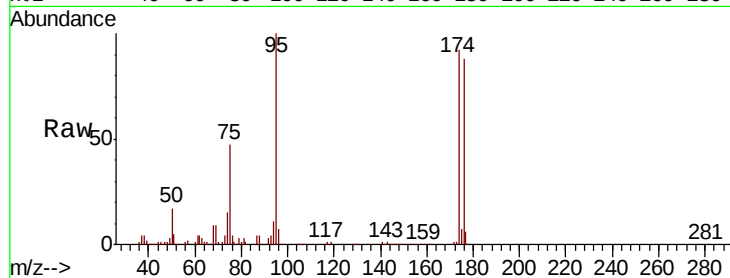
Tot Ion: 95 Resp: 341844

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.0

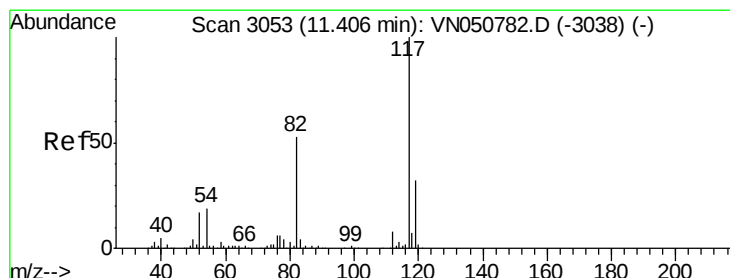
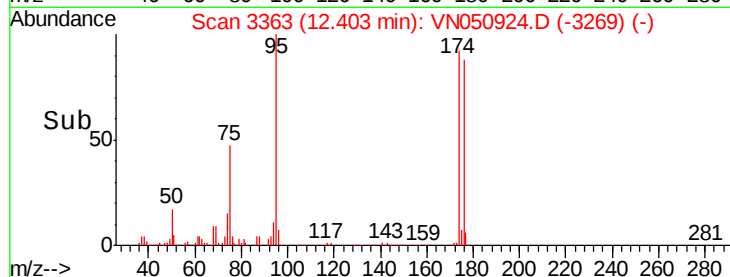
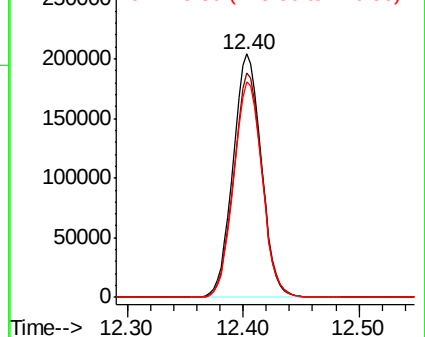
176 89.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

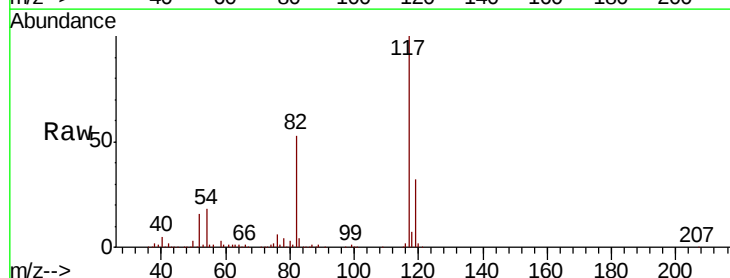
Tgt Ion: 117 Resp: 811041

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

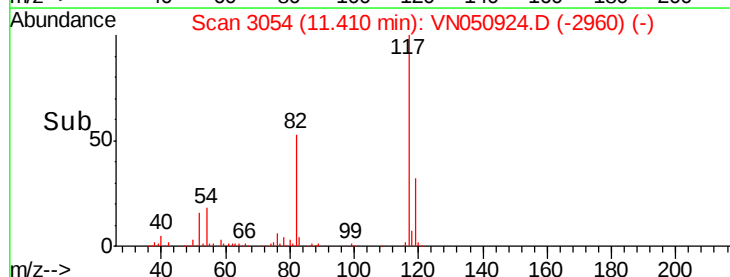
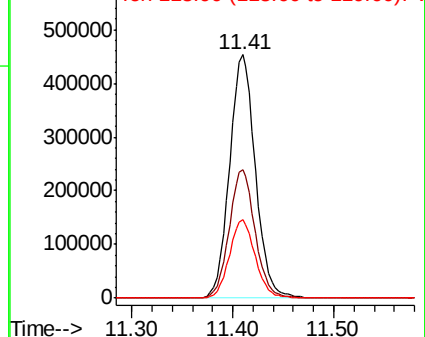
119 32.0 25.8 38.6

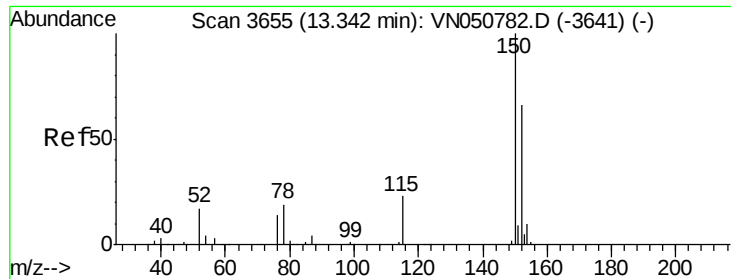


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050924.D

Acq: 28 Aug 2018 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#02

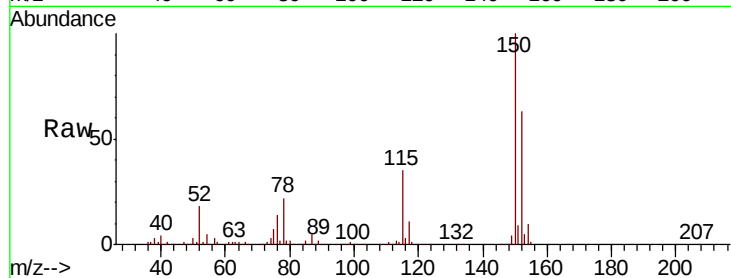
Tot Ion:152 Resp: 261467

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 155.3 0.0 351.4



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

