

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050923.D
 Acq On : 28 Aug 2018 19:27
 Operator : MD\SY
 Sample : PB112421ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#01

Quant Time: Aug 29 05:27:13 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

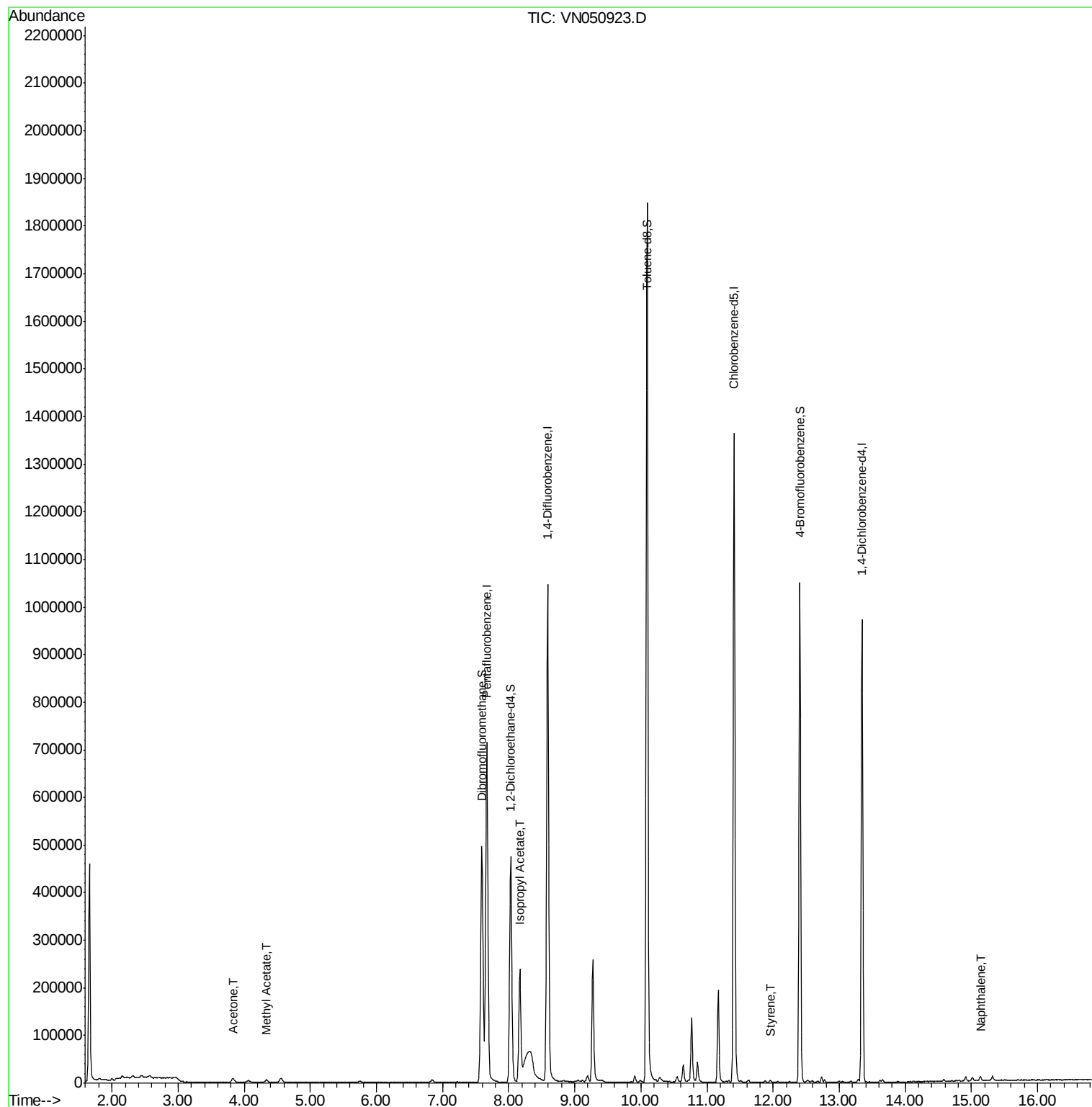
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	403279	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	7.59	113	380668	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	1365211	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	362144	36.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.40%	
Target Compounds						
16) Acetone	3.83	43	15626	1.75	ug/l	98
18) Methyl Acetate	4.34	43	10781	1.52	ug/l	91
43) Isopropyl Acetate	8.17	43	281701	24.21	ug/l	98
70) Styrene	11.97	104	1588	1.34	ug/l	94
95) Naphthalene	15.14	128	8338	6.06	ug/l	97

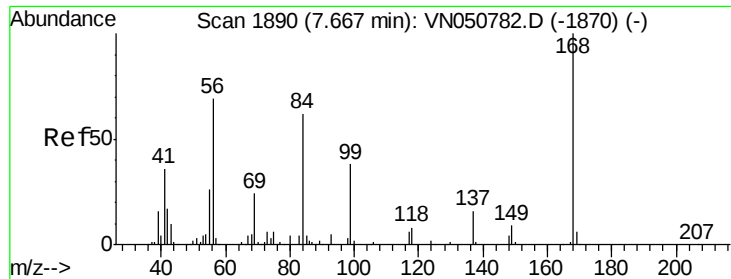
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050923.D

Acq: 28 Aug 2018 19:27

Instrument :

MSVOA_N

ClientSampleId :

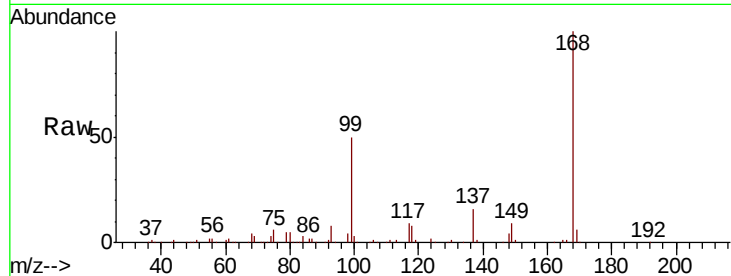
PB112421ZHE#01

Tot Ion:168 Resp: 625347

Ion Ratio Lower Upper

168 100

99 49.7 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050923.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050923.D (-1797) (-)

7.67

250000

200000

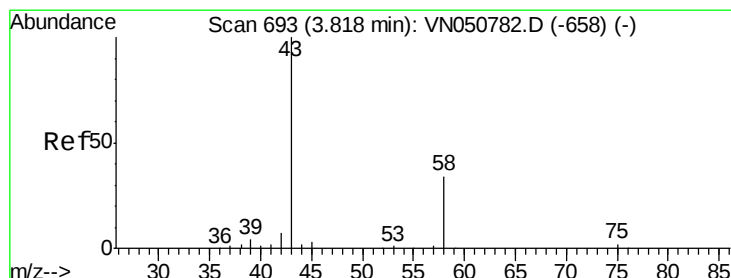
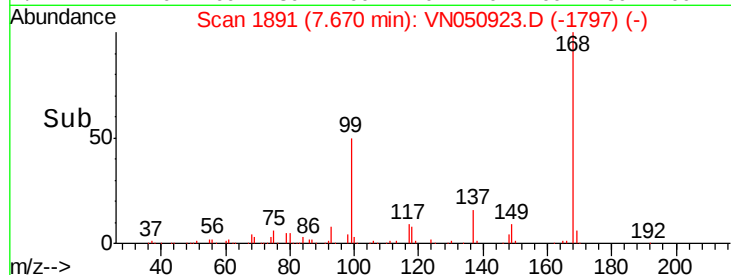
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.75 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050923.D

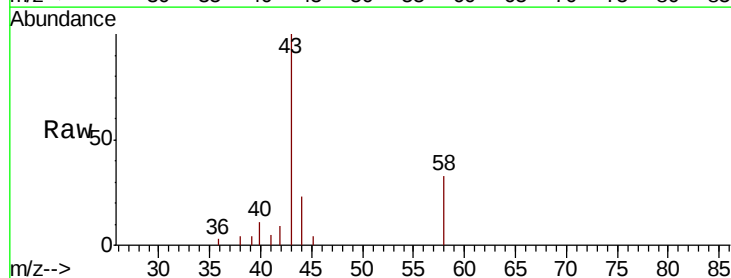
Acq: 28 Aug 2018 19:27

Tgt Ion: 43 Resp: 15626

Ion Ratio Lower Upper

43 100

58 33.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050923.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050923.D (-600) (-)

3.83

6000

5000

4000

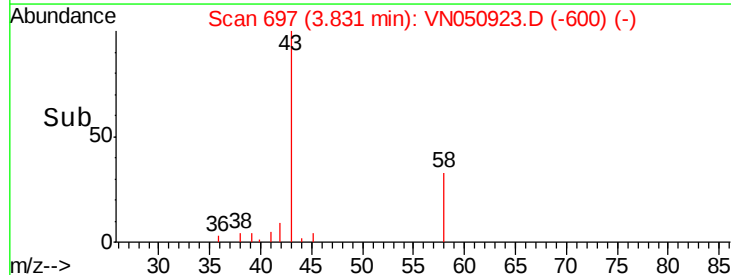
3000

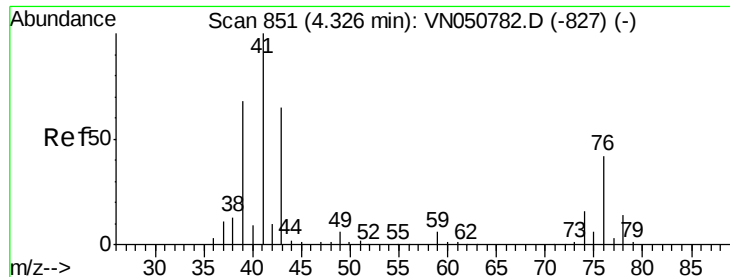
2000

1000

0

Time-->

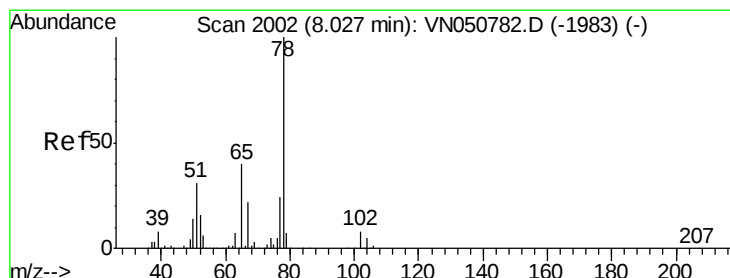
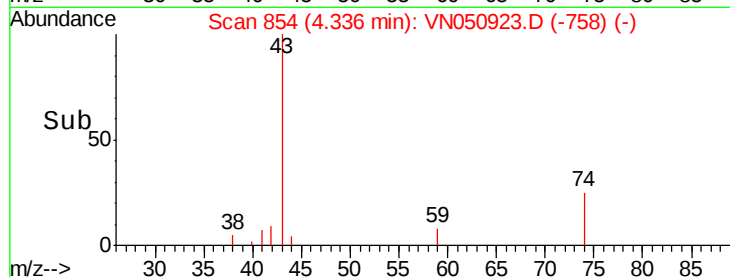
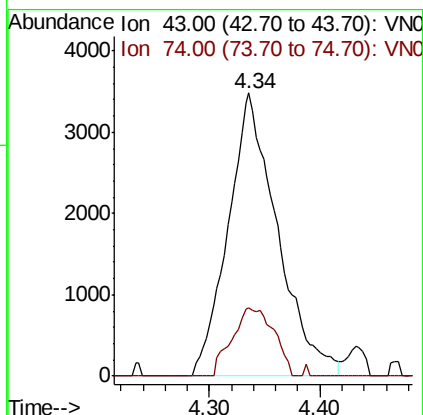
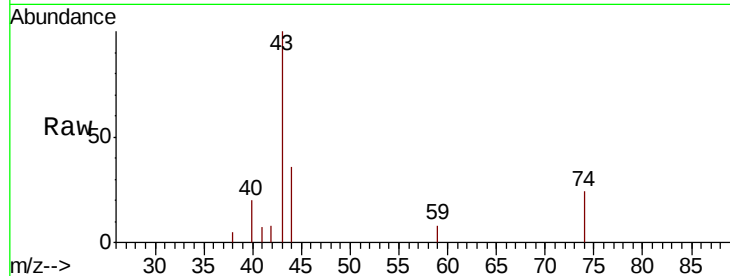




#18
Methyl Acetate
Concen: 1.52 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050923.D
Acq: 28 Aug 2018 19:27

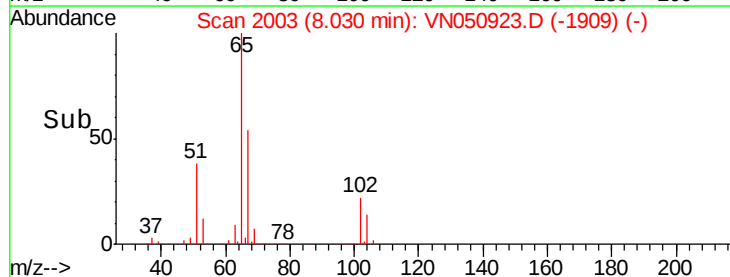
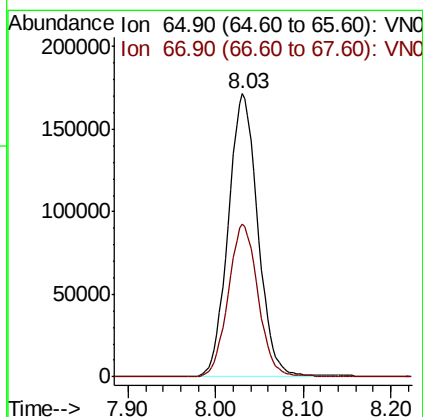
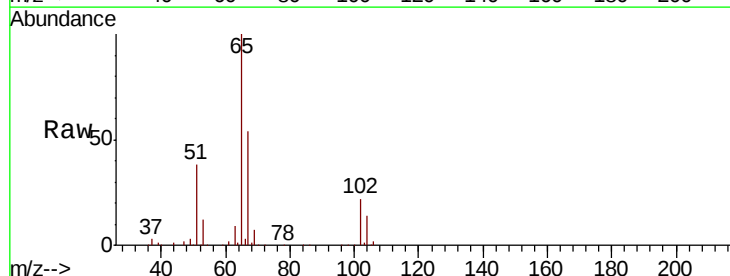
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#01

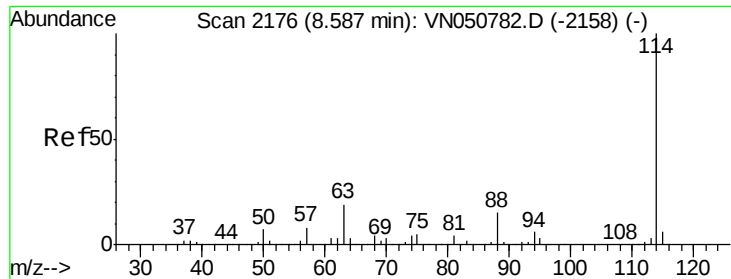
Tot Ion: 43 Resp: 10781
Ion Ratio Lower Upper
43 100
74 20.5 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 53.57 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050923.D
Acq: 28 Aug 2018 19:27

Tgt Ion: 65 Resp: 403279
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.4

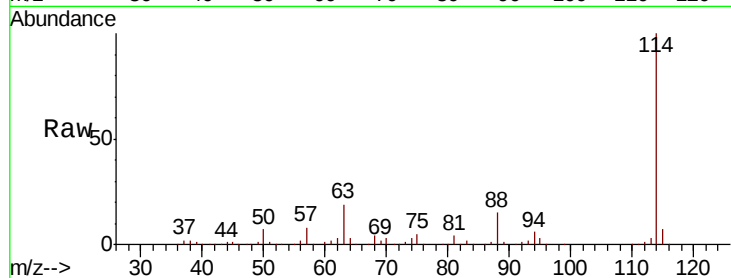




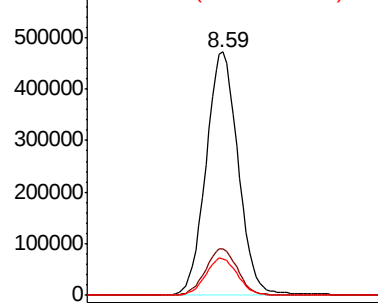
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050923.D
 Acq: 28 Aug 2018 19:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#01

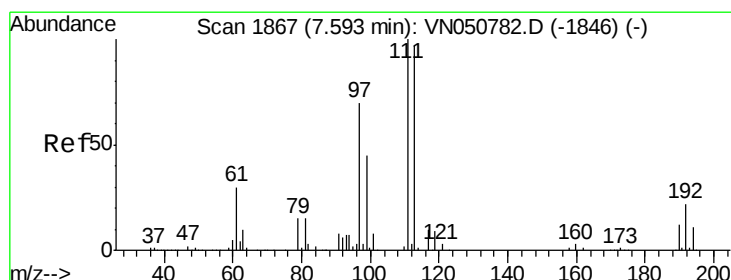
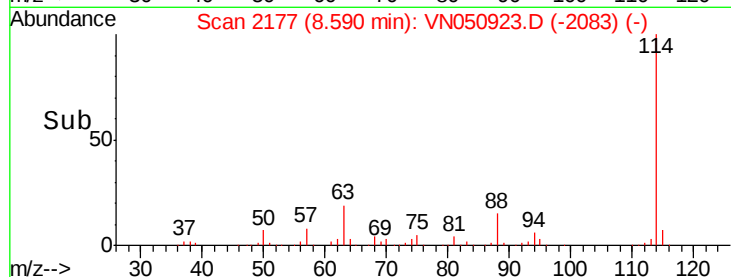
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.1	0.0	30.6



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

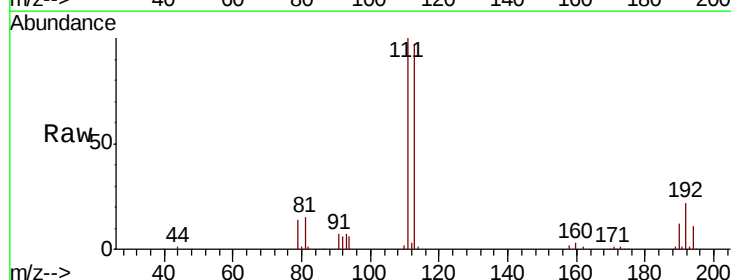


Time-->

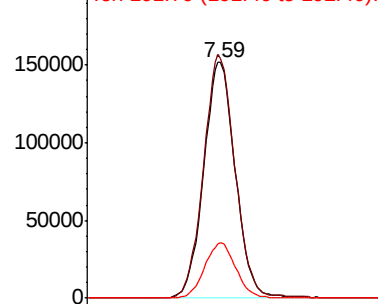


#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050923.D
 Acq: 28 Aug 2018 19:27

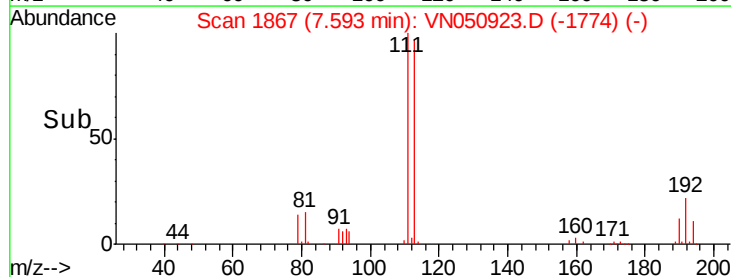
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	23.1	18.0	27.0

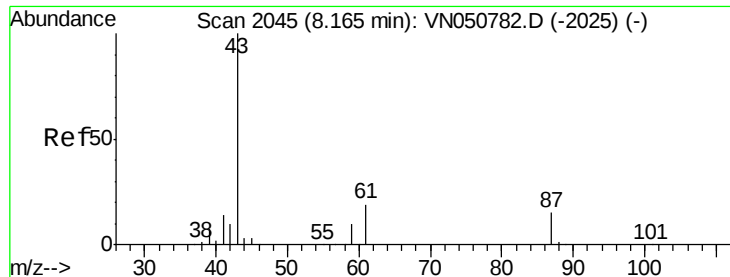


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#43

Isopropyl Acetate

Concen: 24.21 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050923.D

Acq: 28 Aug 2018 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#01

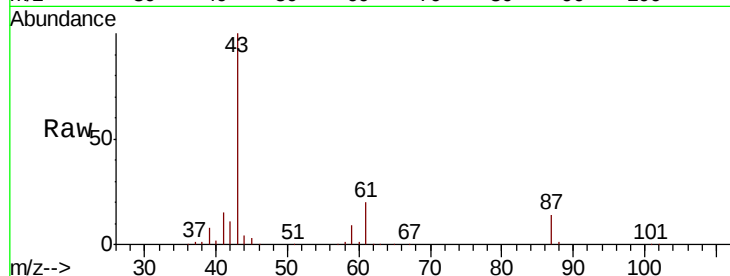
Tot Ion: 43 Resp: 281701

Ion Ratio Lower Upper

43 100

61 20.4 17.5 26.3

87 13.5 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

150000

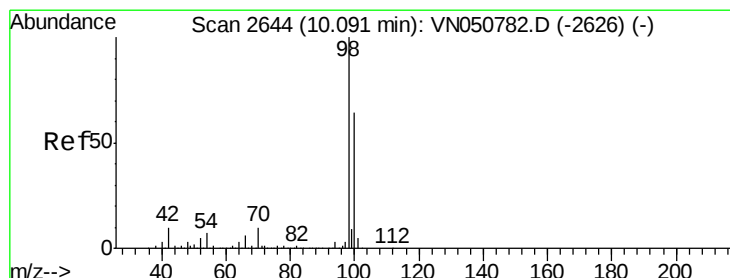
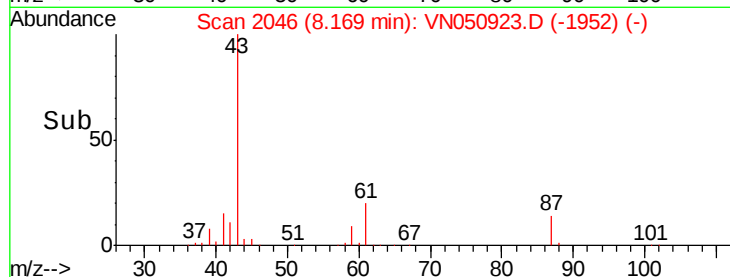
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#50

Toluene-d8

Concen: 45.97 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050923.D

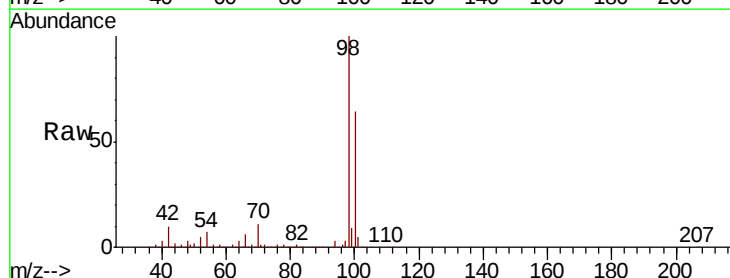
Acq: 28 Aug 2018 19:27

Tgt Ion: 98 Resp: 1365211

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

800000

600000

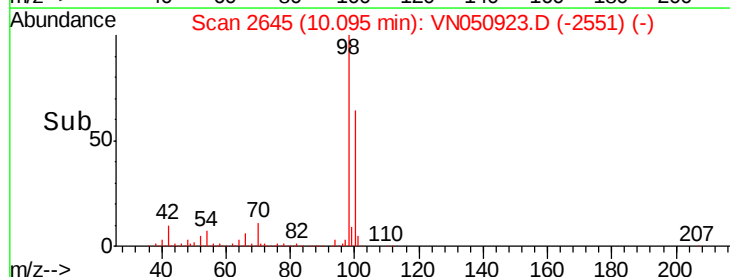
400000

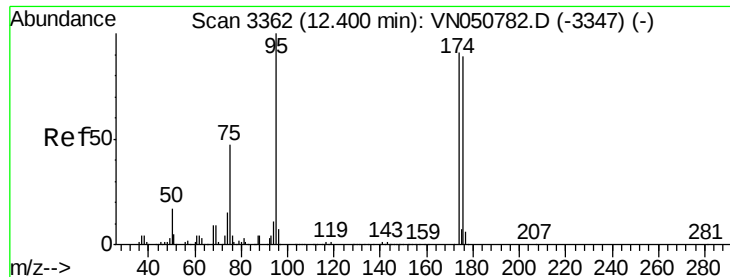
200000

0

10.00 10.10 10.20 10.30

Time-->

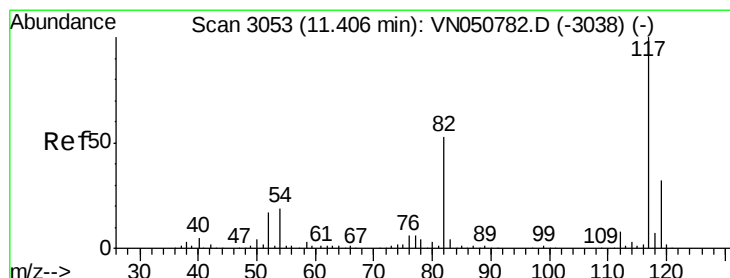
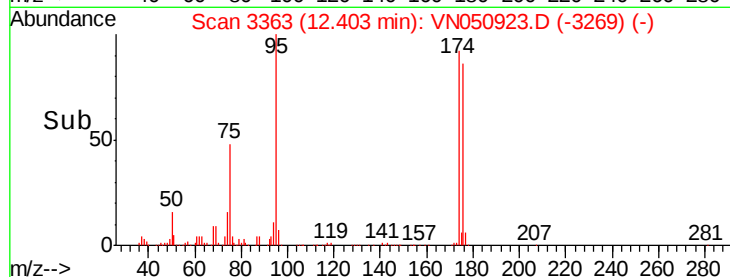
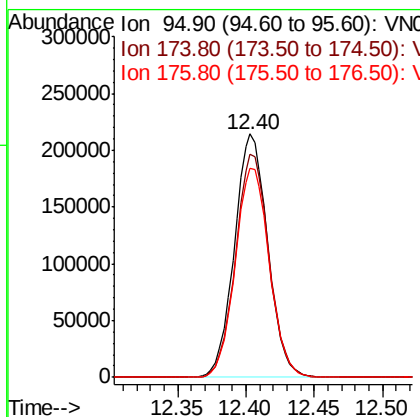
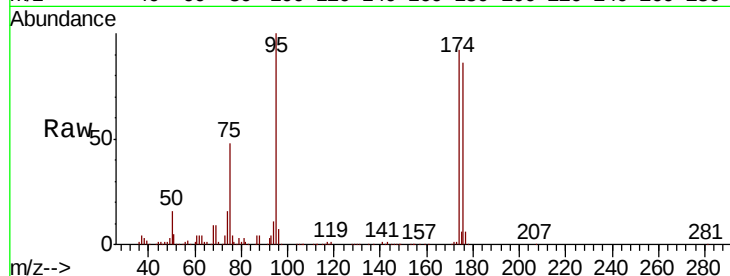




#62
 4-Bromofluorobenzene
 Concen: 36.70 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050923.D
 Acq: 28 Aug 2018 19:27

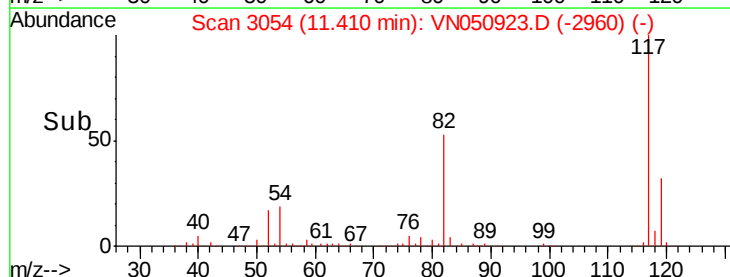
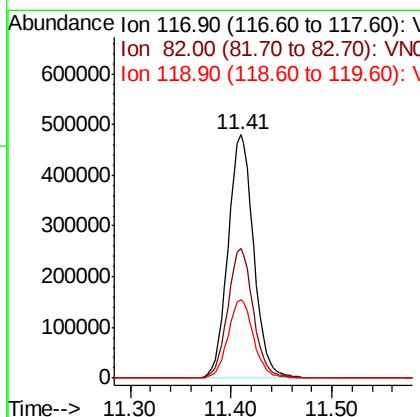
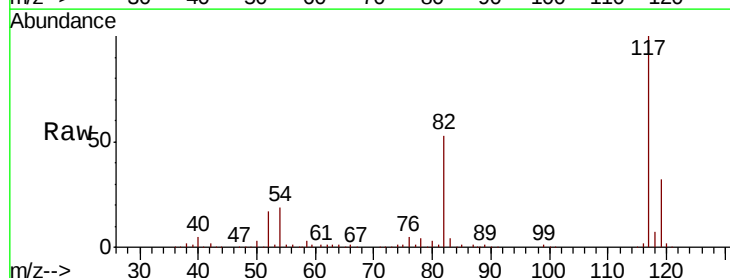
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#01

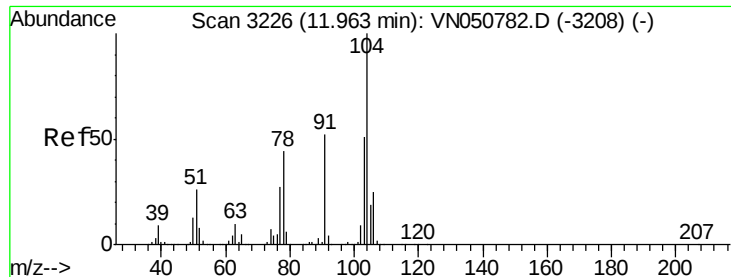
Tot Ion: 95 Resp: 362144
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 183.0
 176 88.3 0.0 178.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050923.D
 Acq: 28 Aug 2018 19:27

Tgt Ion: 117 Resp: 849280
 Ion Ratio Lower Upper
 117 100
 82 53.2 42.6 64.0
 119 32.3 25.8 38.6

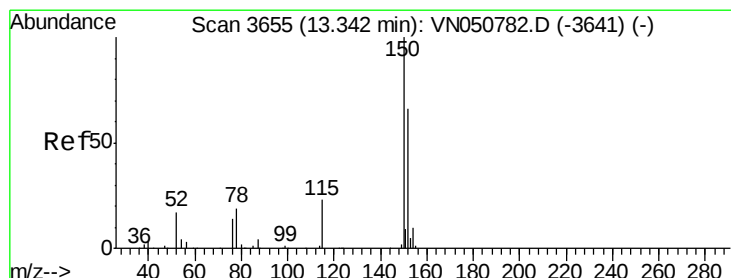
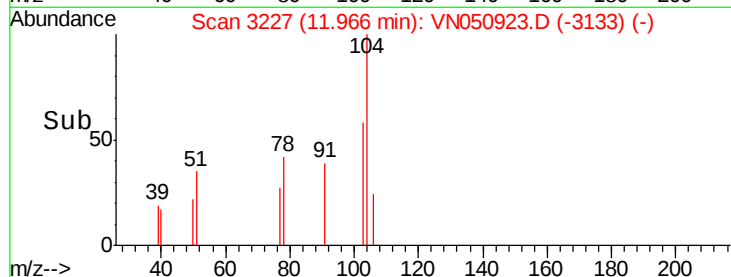
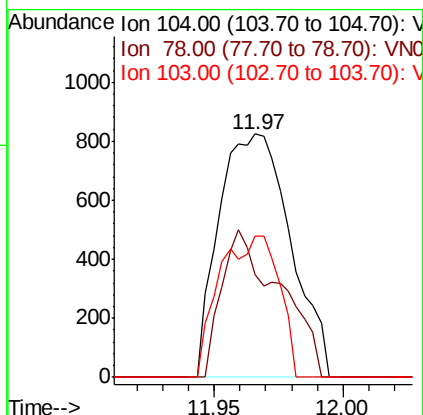
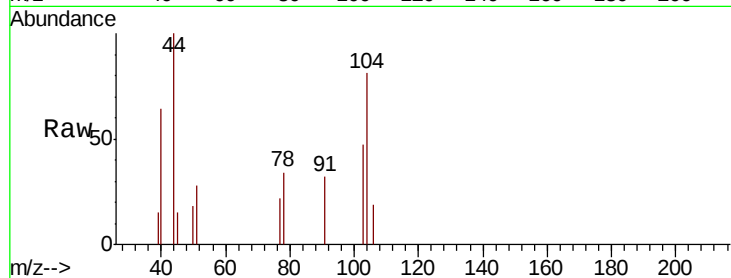




#70
Stvrene
Concen: 1.34 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050923.D
Acq: 28 Aug 2018 19:27

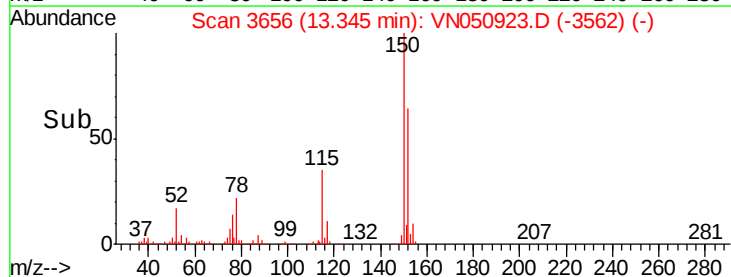
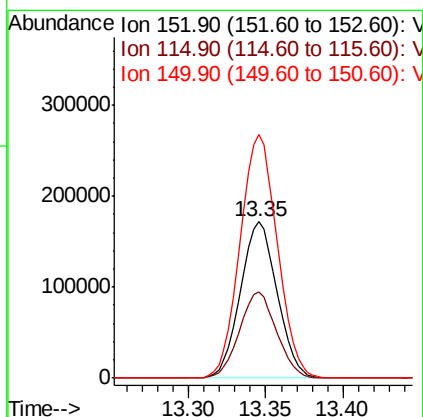
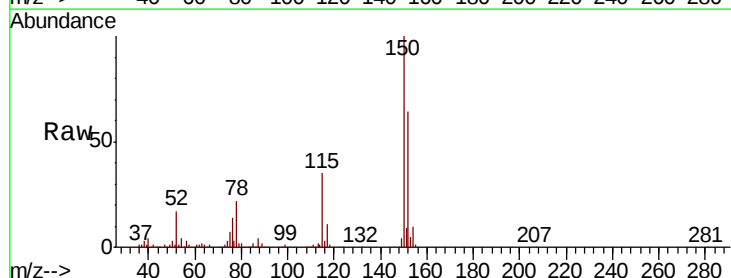
Instrument :
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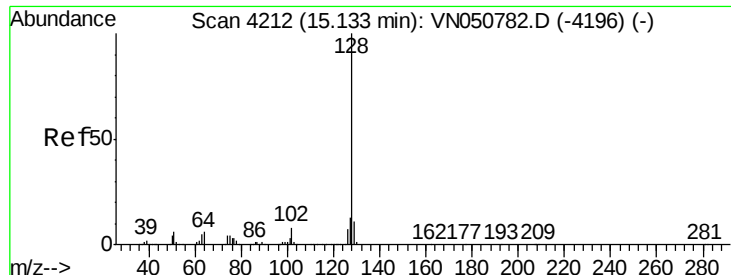
Tot Ion:104 Resp: 1588
Ion Ratio Lower Upper
104 100
78 49.4 38.2 57.4
103 48.5 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050923.D
Acq: 28 Aug 2018 19:27

Tgt Ion:152 Resp: 284037
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 157.7 0.0 351.4

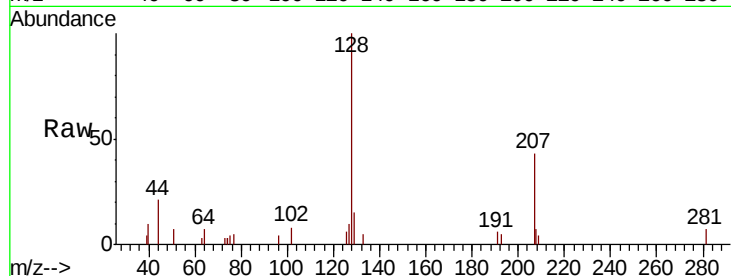




#95
Naphthalene
Concen: 6.06 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050923.D
Acq: 28 Aug 2018 19:27

Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	12.3	8.7	13.1



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

