

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050925.D
 Acq On : 28 Aug 2018 20:17
 Operator : MD\SY
 Sample : PB112421ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#03

Quant Time: Aug 29 05:53:08 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	577864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	951304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	792933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262819	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	380589	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
35) Dibromofluoromethane	7.59	113	363412	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	1282659	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	339918	36.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.30%	

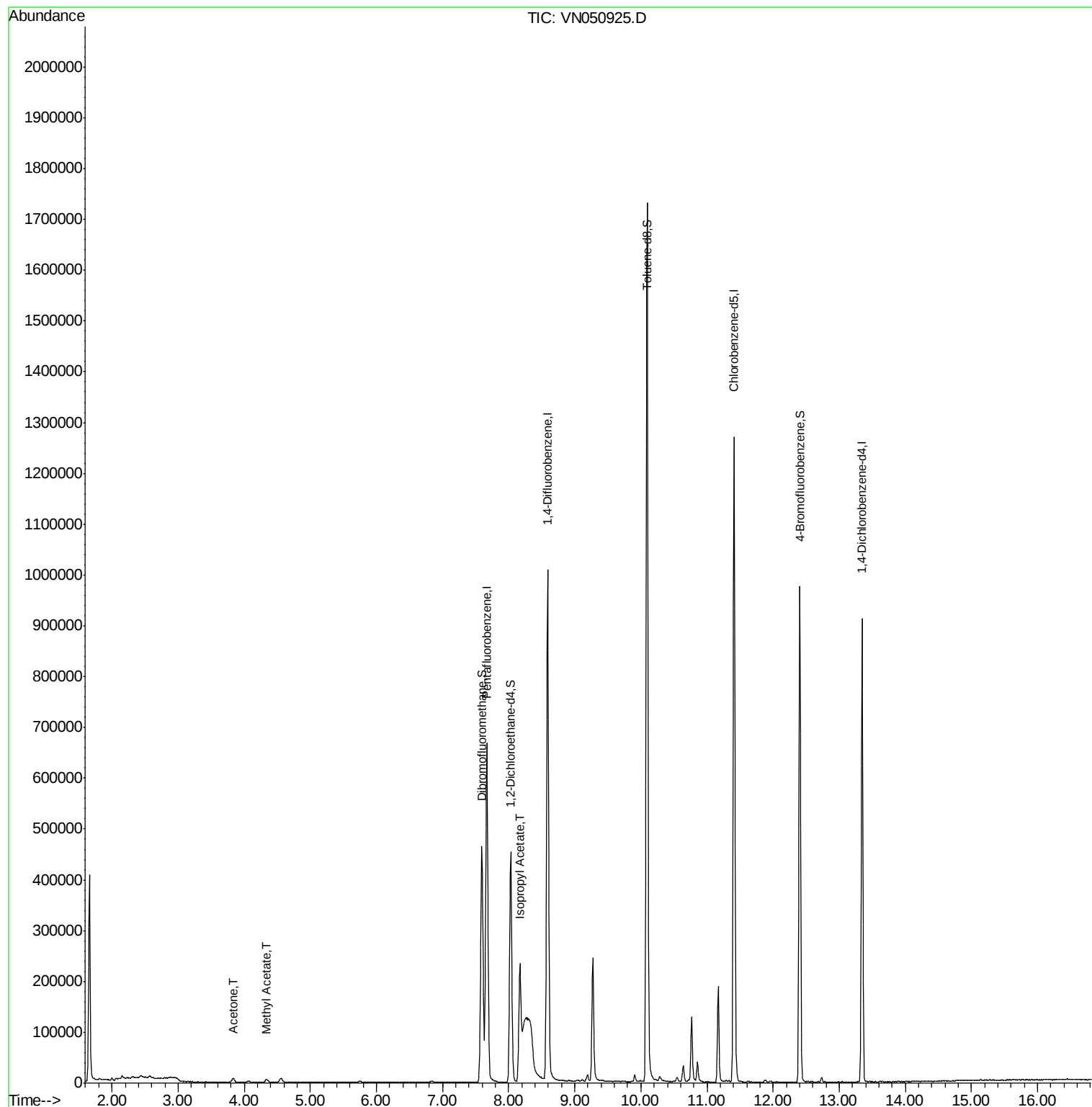
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13828	1.37	ug/l	93
18) Methyl Acetate	4.34	43	13162	2.00	ug/l	95
43) Isopropyl Acetate	8.17	43	290851	26.23	ug/l	95

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

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Quant Title : SW846 8260
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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: VN050925.D

Acq: 28 Aug 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

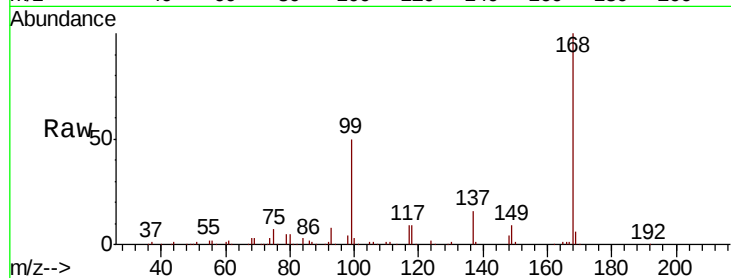
PB112421ZHE#03

Tot Ion:168 Resp: 577864

Ion Ratio Lower Upper

168 100

99 49.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

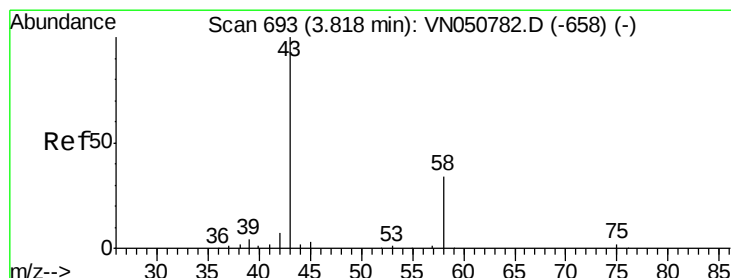
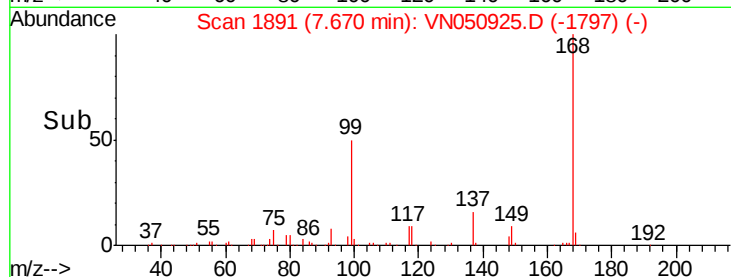
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.37 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050925.D

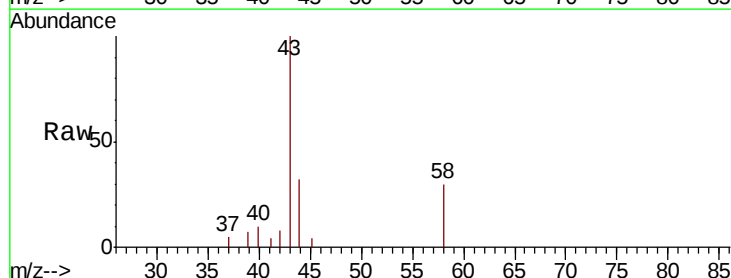
Acq: 28 Aug 2018 20:17

Tgt Ion: 43 Resp: 13828

Ion Ratio Lower Upper

43 100

58 29.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

6000

5000

4000

3000

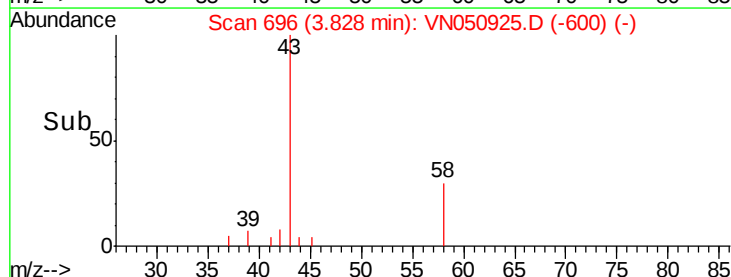
2000

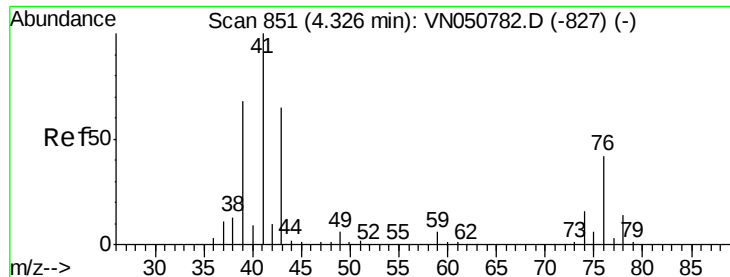
1000

0

3.75 3.80 3.85 3.90

Time-->

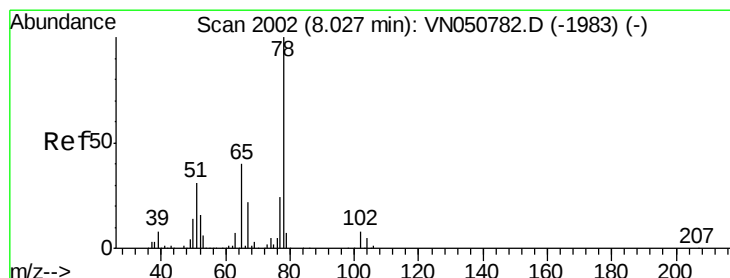
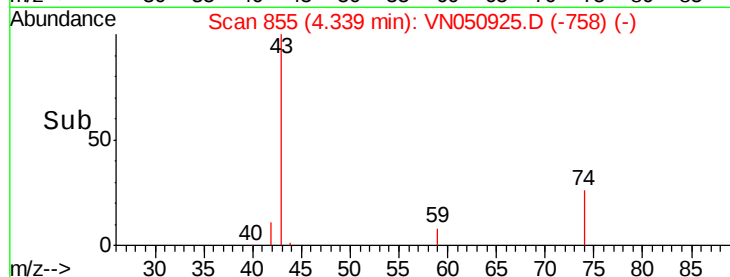
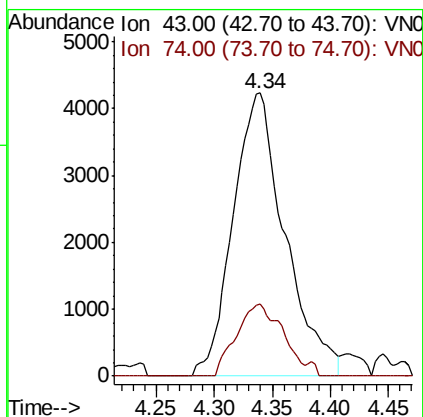
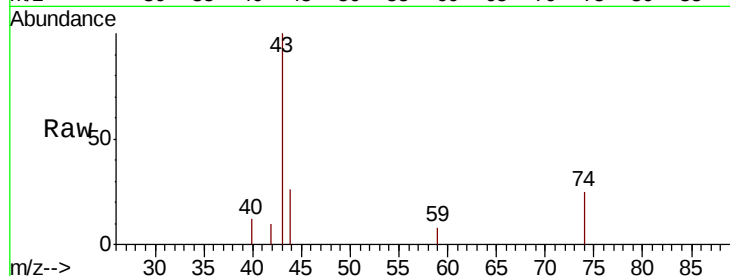




#18
Methvl Acetate
Concen: 2.00 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050925.D
Acq: 28 Aug 2018 20:17

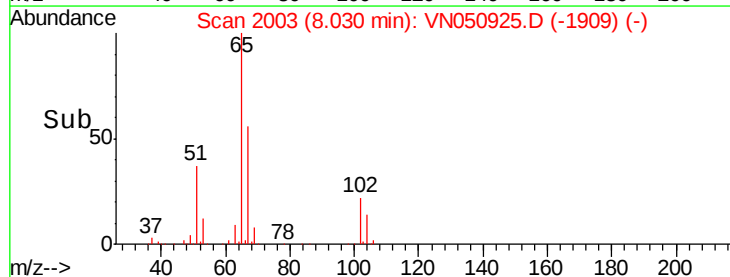
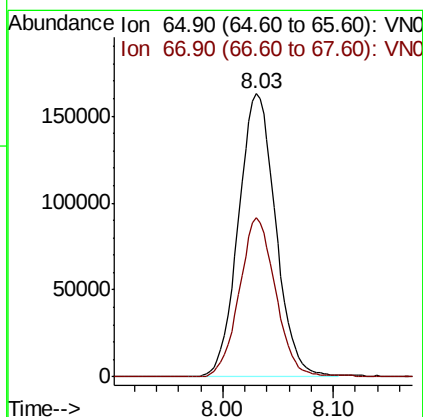
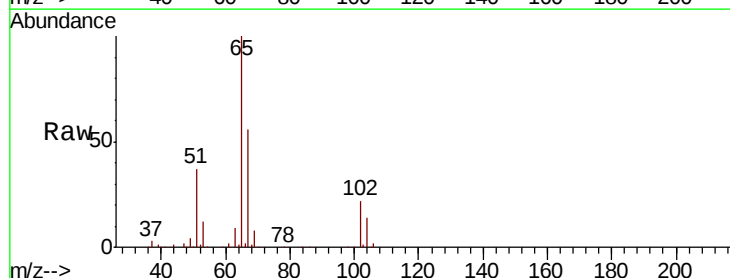
Instrument :
MSVOA_N
ClientSampleId :
PB112421ZHE#03

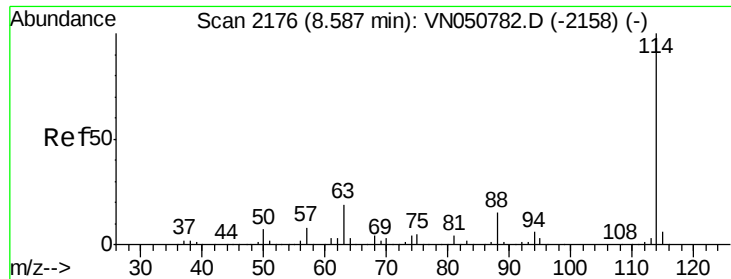
Tot Ion: 43 Resp: 13162
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 54.71 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050925.D
Acq: 28 Aug 2018 20:17

Tgt Ion: 65 Resp: 380589
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.4

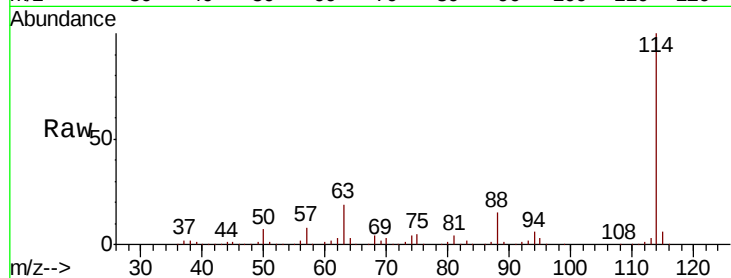




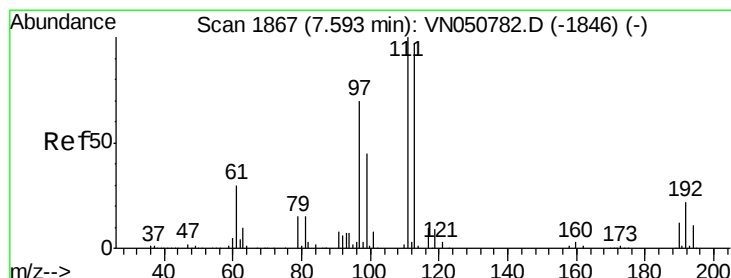
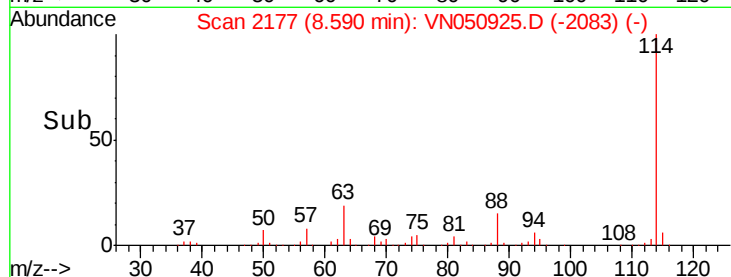
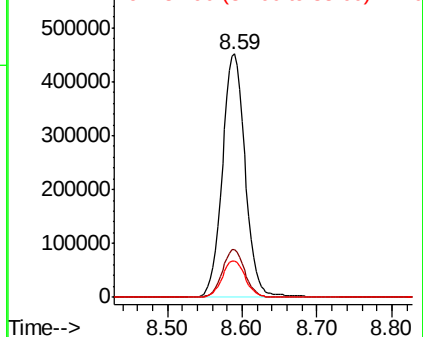
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050925.D
 Acq: 28 Aug 2018 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112421ZHE#03

Tot Ion:114 Resp: 951304
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.1 0.0 30.6

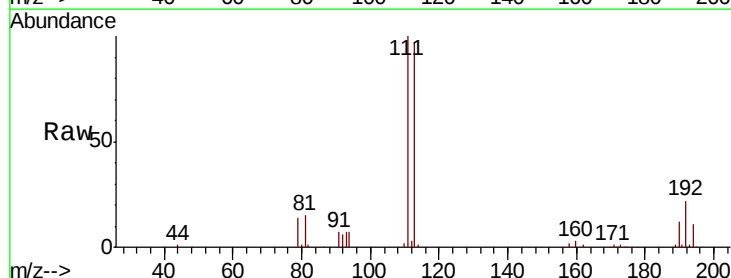


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

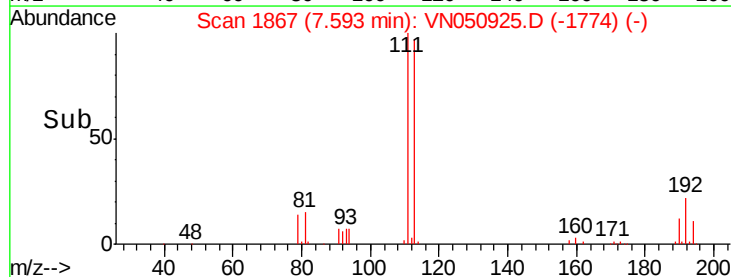
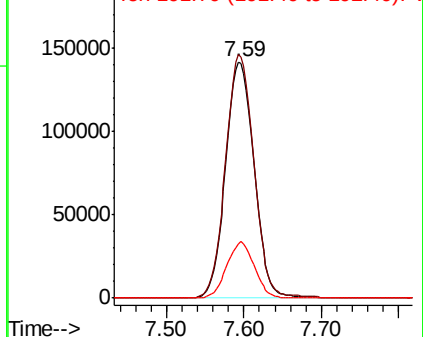


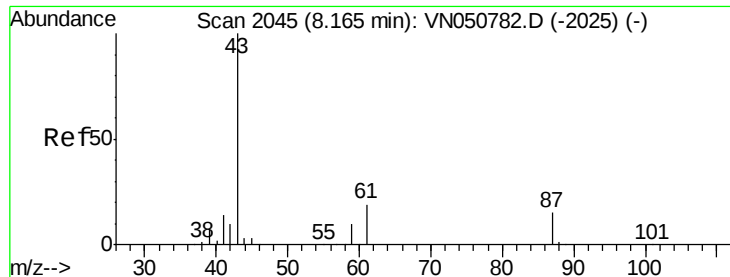
#35
 Dibromofluoromethane
 Concen: 48.02 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050925.D
 Acq: 28 Aug 2018 20:17

Tgt Ion:113 Resp: 363412
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 23.0 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





#43

Isopropyl Acetate

Concen: 26.23 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050925.D

Acq: 28 Aug 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#03

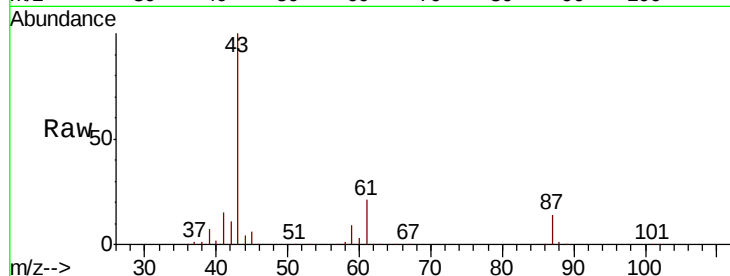
Tot Ion: 43 Resp: 290851

Ion Ratio Lower Upper

43 100

61 18.8 17.5 26.3

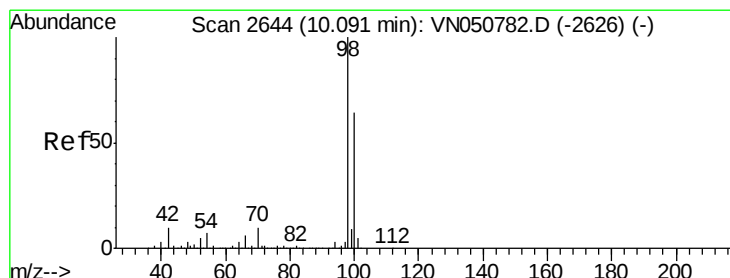
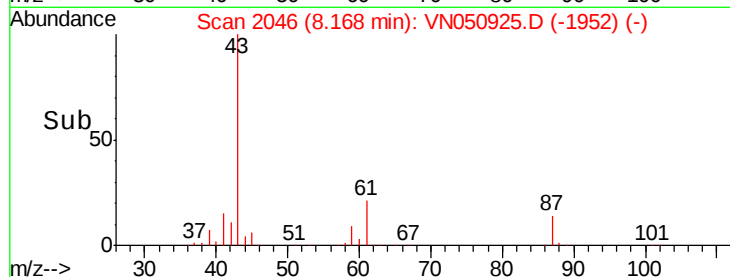
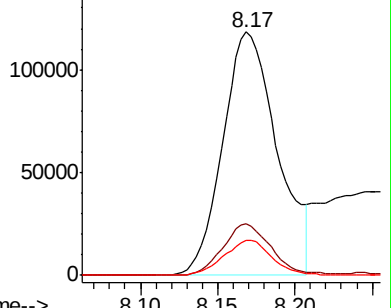
87 12.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#50

Toluene-d8

Concen: 45.33 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050925.D

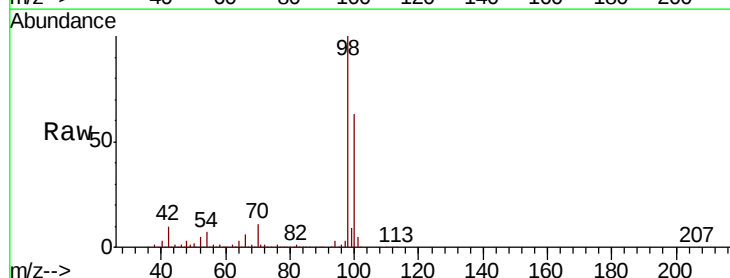
Acq: 28 Aug 2018 20:17

Tgt Ion: 98 Resp: 1282659

Ion Ratio Lower Upper

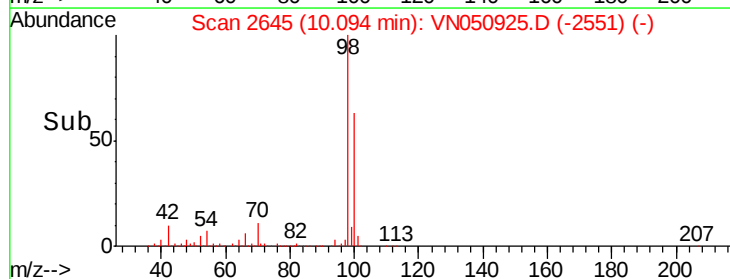
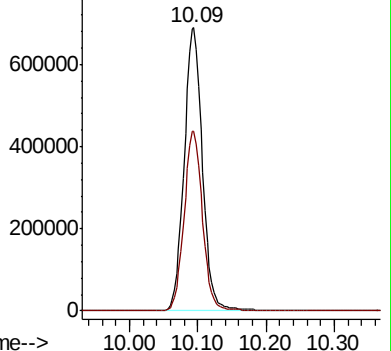
98 100

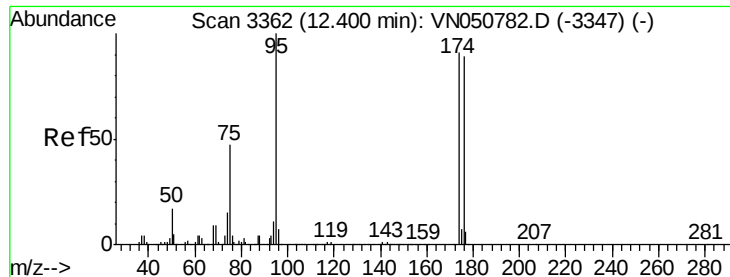
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN050782.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN050782.D (-2626) (-)





#62

4-Bromofluorobenzene

Concen: 36.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050925.D

Acq: 28 Aug 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#03

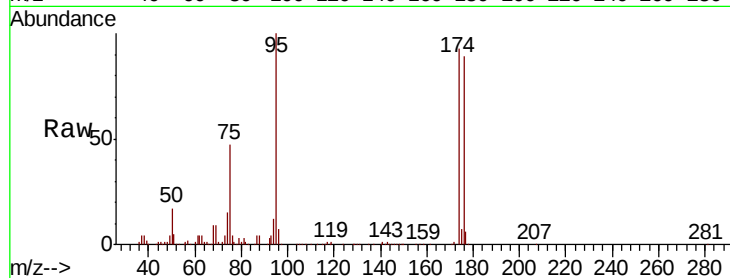
Tot Ion: 95 Resp: 339918

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.0

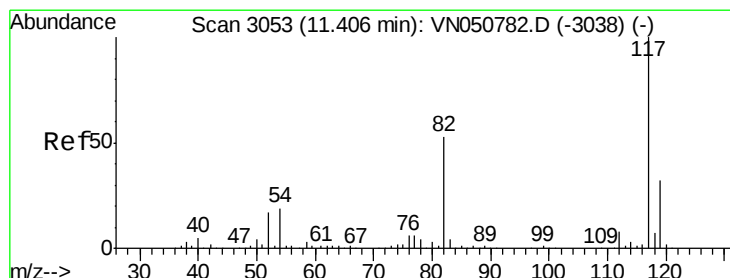
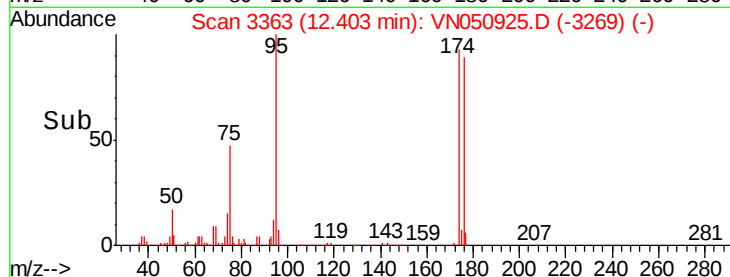
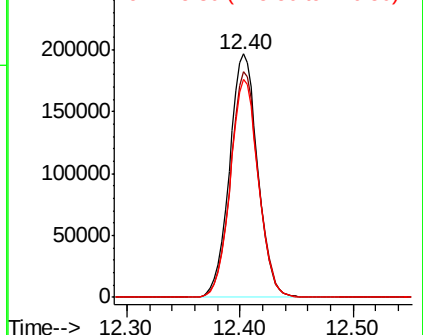
176 89.0 0.0 178.8



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: VN050925.D

Acq: 28 Aug 2018 20:17

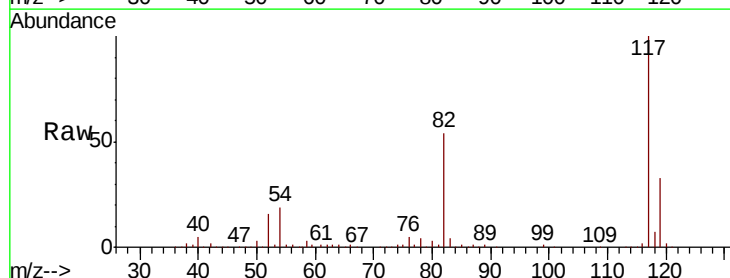
Tgt Ion: 117 Resp: 792933

Ion Ratio Lower Upper

117 100

82 54.1 42.6 64.0

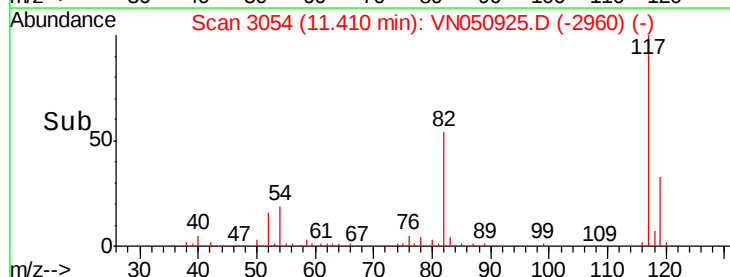
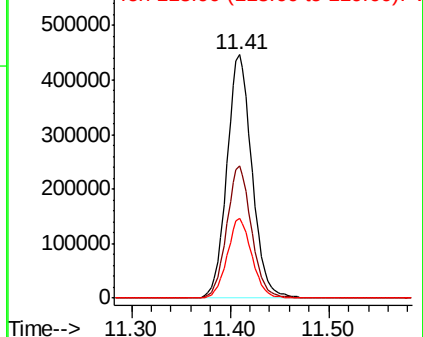
119 32.6 25.8 38.6

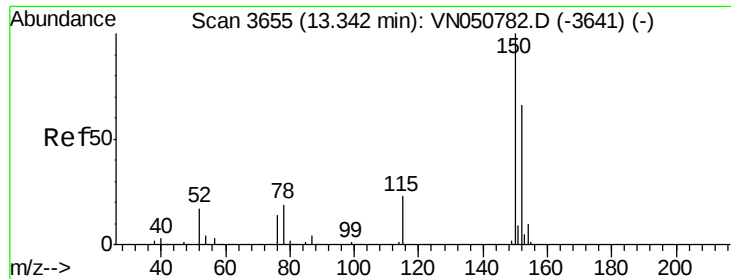


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN050925.D

Acq: 28 Aug 2018 20:17

Instrument :

MSVOA_N

ClientSampleId :

PB112421ZHE#03

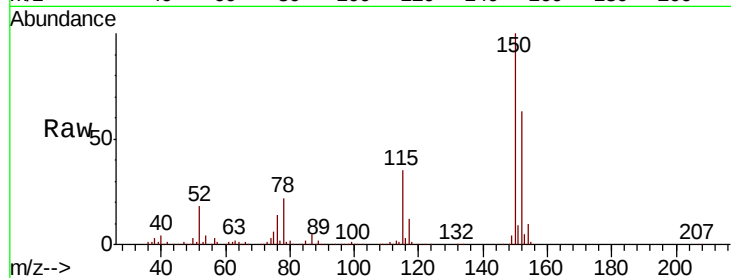
Tot Ion:152 Resp: 262819

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 157.8 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

