

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050850.D
 Acq On : 23 Aug 2018 13:57
 Operator : MD\SY
 Sample : PB112301ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112301ZHE#04

Quant Time: Aug 24 03:43:45 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	612670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1018300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276840	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	402254	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	
35) Dibromofluoromethane	7.59	113	386700	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	10.09	98	1382266	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.40	95	357742	35.54	ug/l	0.00
Spiked Amount			Recovery	=	71.08%	

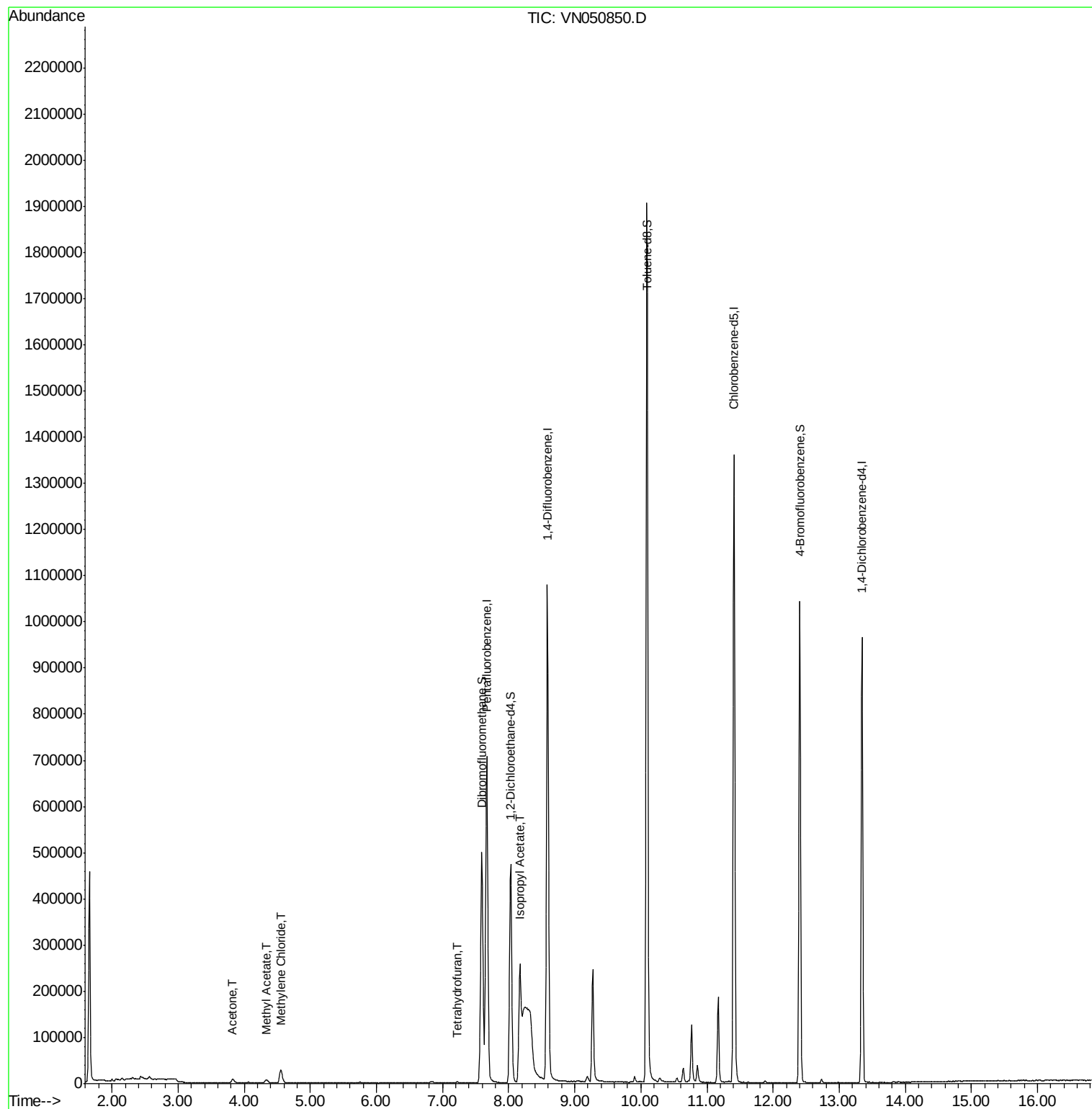
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16021	2.17	ug/l	90
18) Methyl Acetate	4.33	43	15444	2.22	ug/l	91
20) Methylene Chloride	4.56	84	22558	2.71	ug/l	95
29) Tetrahydrofuran	7.22	42	2103	1.23	ug/l #	73
43) Isopropyl Acetate	8.17	43	316334	26.65	ug/l #	91

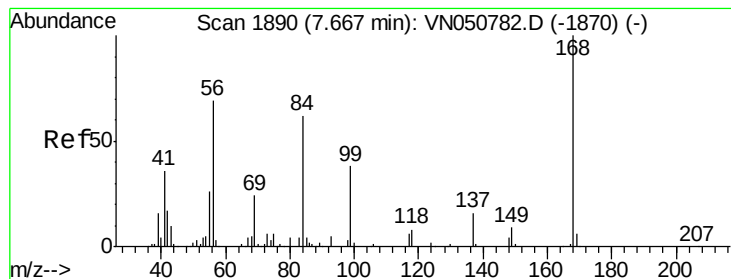
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Aug 24 03:43:45 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050850.D

Acq: 23 Aug 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

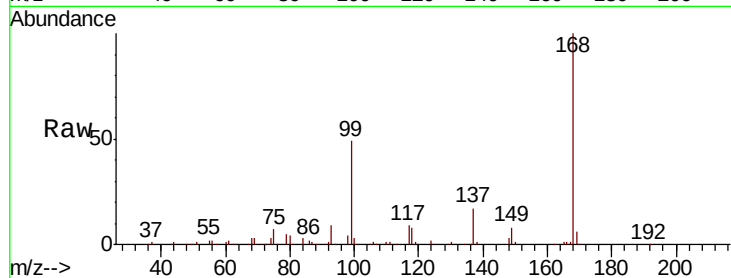
PB112301ZHE#04

Tot Ion:168 Resp: 612670

Ion Ratio Lower Upper

168 100

99 49.1 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

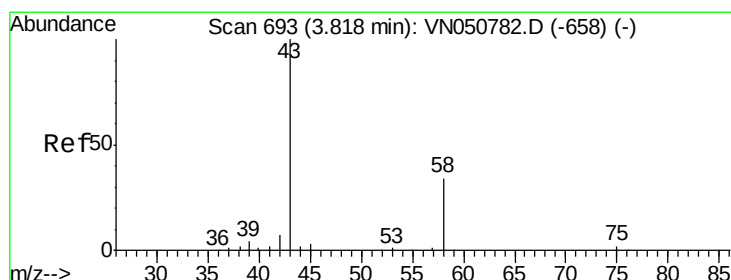
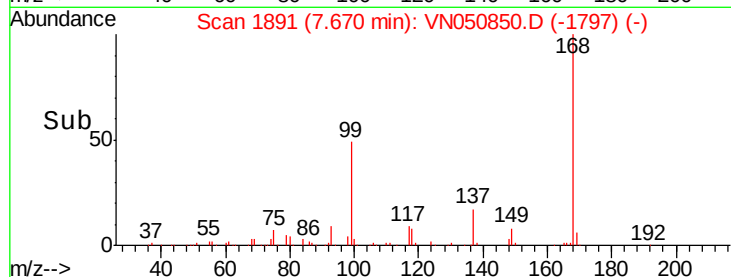
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.17 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050850.D

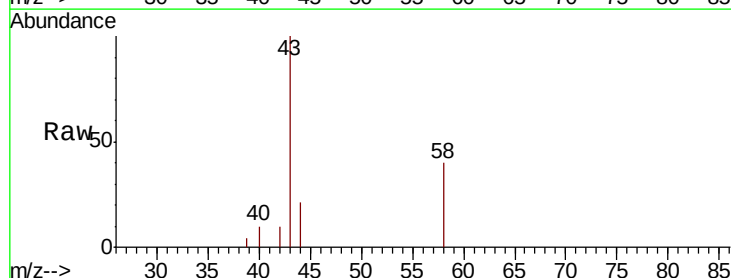
Acq: 23 Aug 2018 13:57

Tgt Ion: 43 Resp: 16021

Ion Ratio Lower Upper

43 100

58 39.6 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

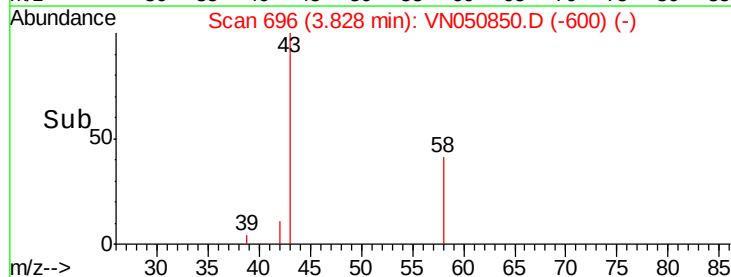
3000

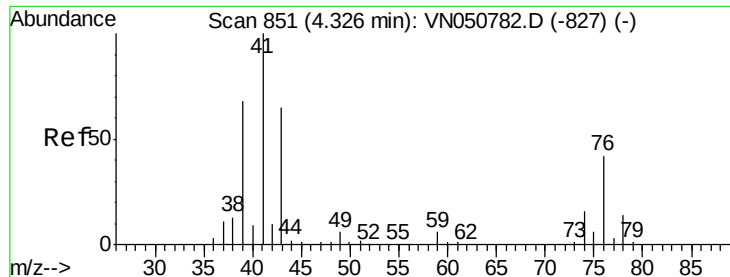
2000

1000

0

Time-->

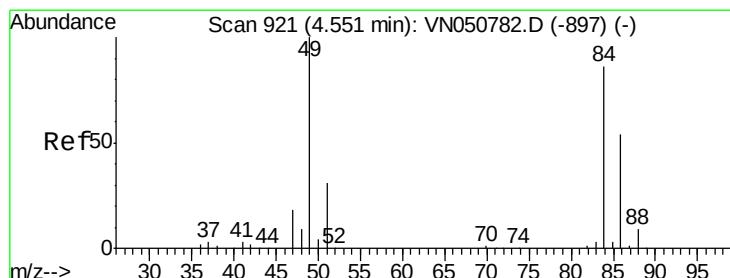
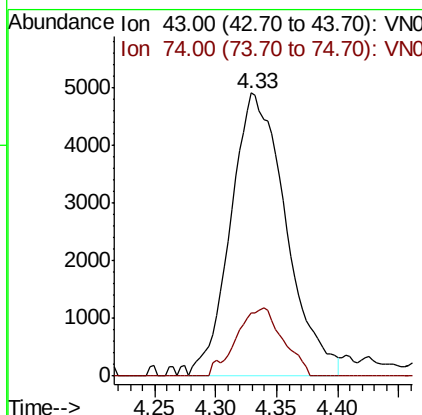
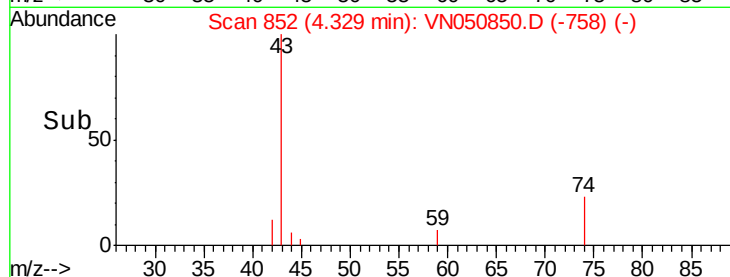
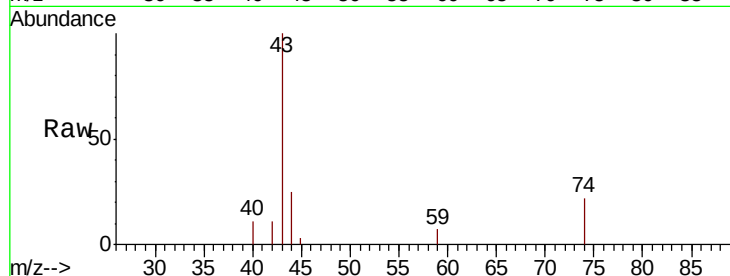




#18
Methyl Acetate
Concen: 2.22 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050850.D
Acq: 23 Aug 2018 13:57

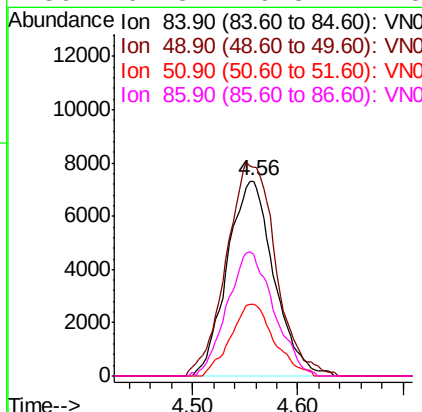
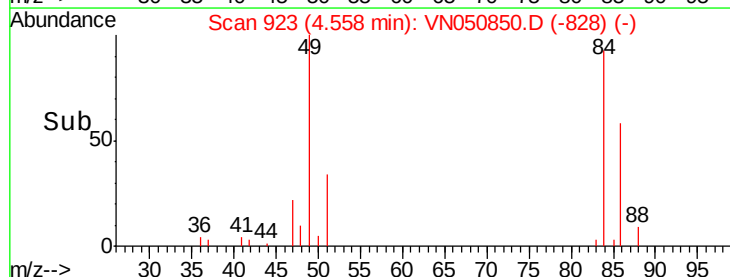
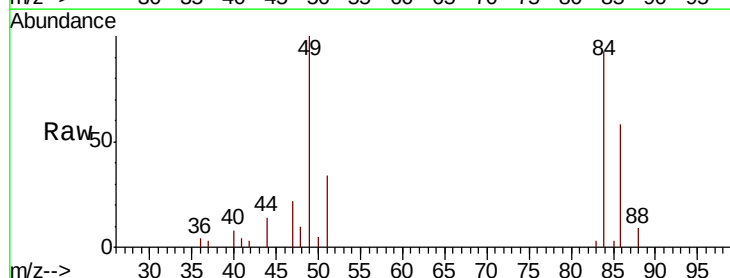
Instrument :
MSVOA_N
ClientSampleId :
PB112301ZHE#04

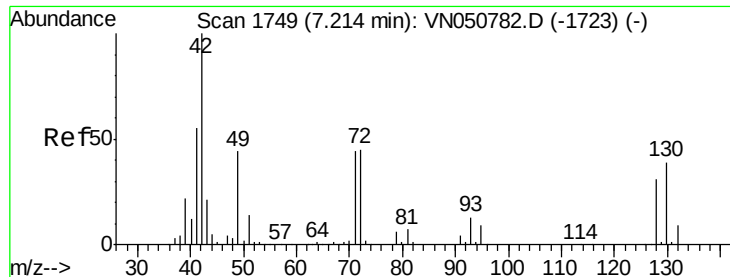
Tot Ion: 43 Resp: 15444
Ion Ratio Lower Upper
43 100
74 20.2 19.8 29.8



#20
Methylene Chloride
Concen: 2.71 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050850.D
Acq: 23 Aug 2018 13:57

Tgt Ion: 84 Resp: 22558
Ion Ratio Lower Upper
84 100
49 107.1 93.2 139.8
51 36.7 29.0 43.6
86 62.3 49.8 74.8





#29

Tetrahydrofuran

Concen: 1.23 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050850.D

Acq: 23 Aug 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

PB112301ZHE#04

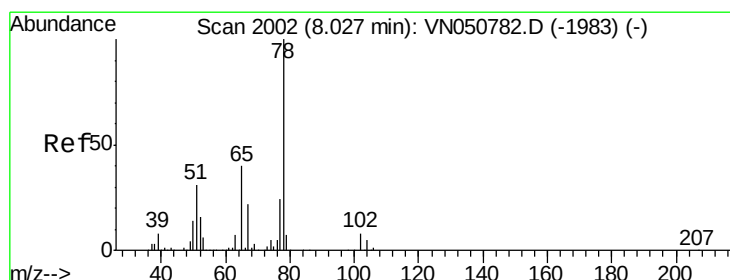
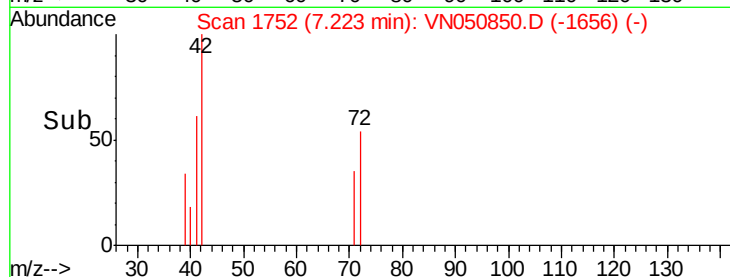
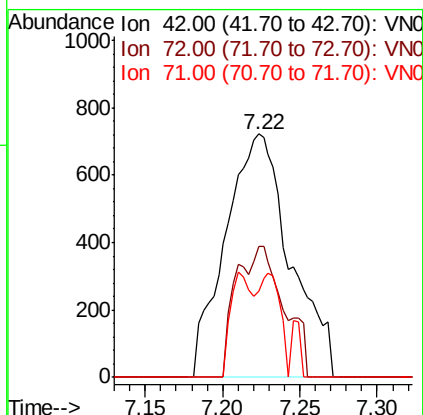
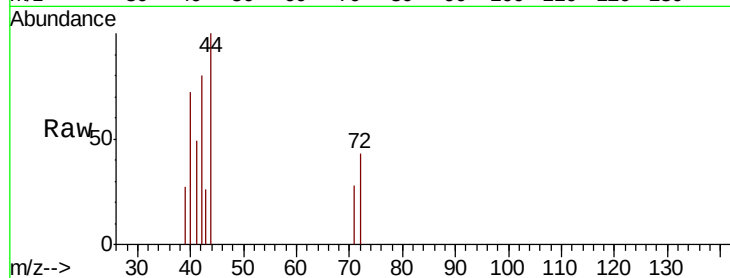
Tot Ion: 42 Resp: 2103

Ion Ratio Lower Upper

42 100

72 39.6 35.5 53.3

71 12.1 33.7 50.5#



#33

1,2-Dichloroethane-d4

Concen: 54.54 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050850.D

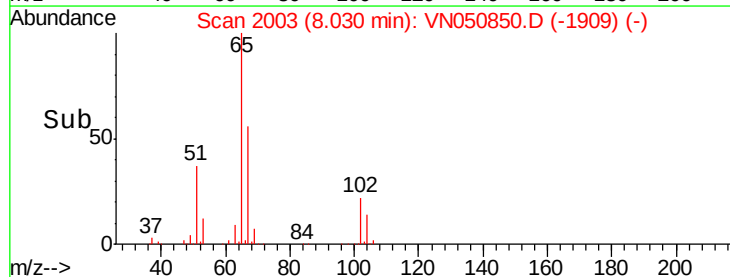
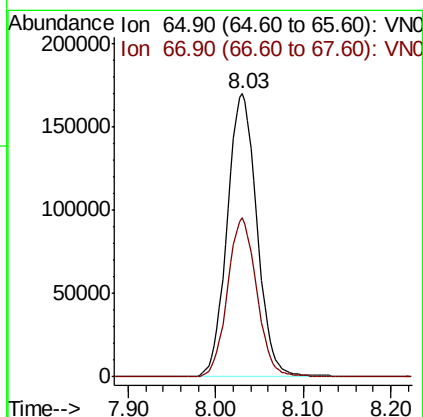
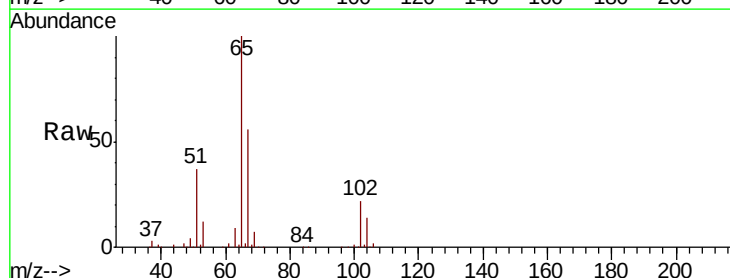
Acq: 23 Aug 2018 13:57

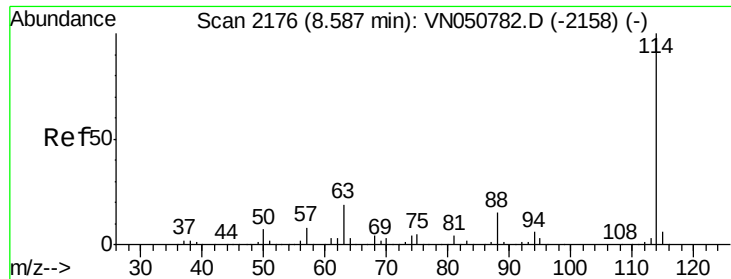
Tgt Ion: 65 Resp: 402254

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.4



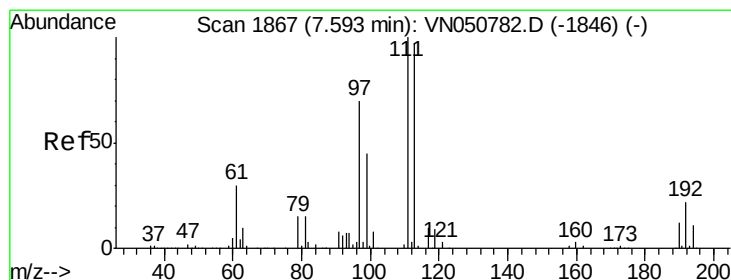
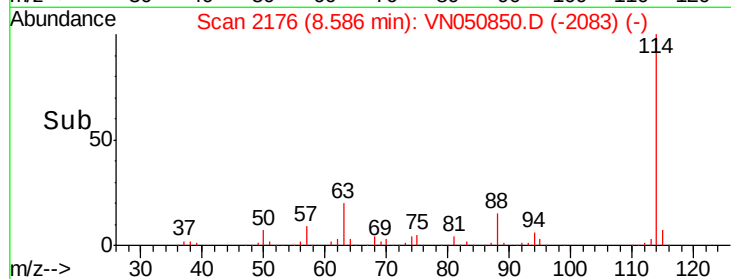
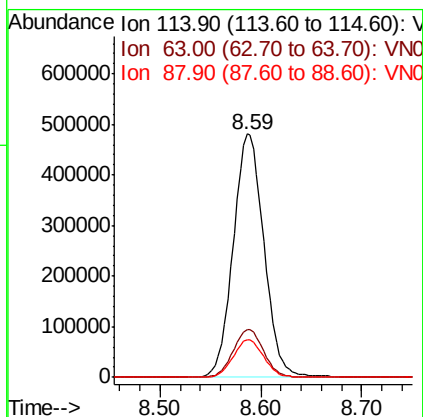
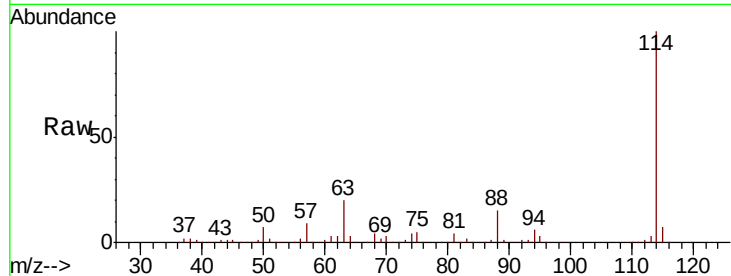


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050850.D
 Acq: 23 Aug 2018 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112301ZHE#04

Tot Ion:114 Resp: 1018300

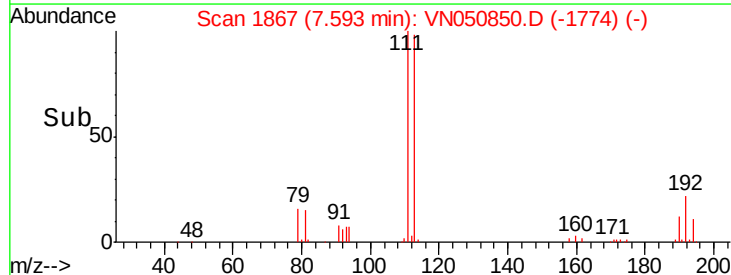
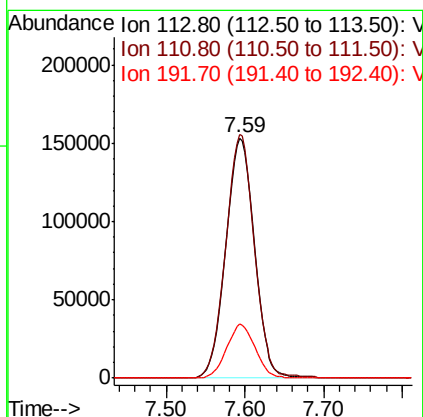
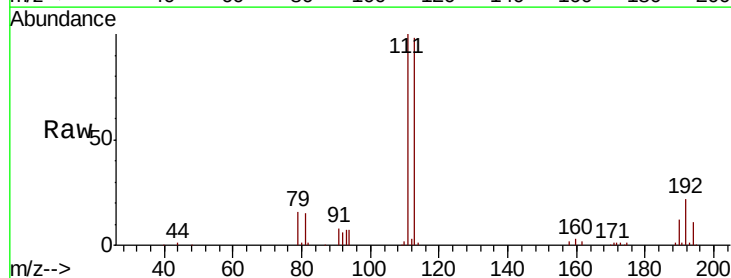
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.5	0.0	30.6

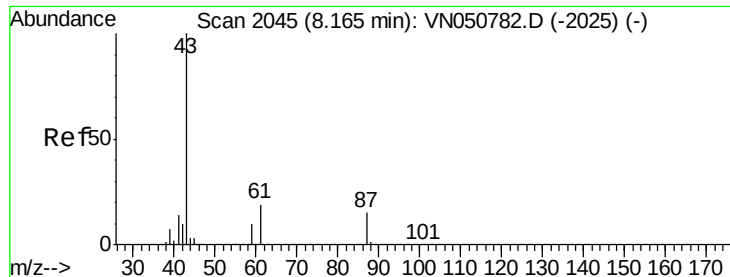


#35
 Dibromofluoromethane
 Concen: 47.73 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050850.D
 Acq: 23 Aug 2018 13:57

Tgt Ion:113 Resp: 386700

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	22.2	18.0	27.0





#43

Isopropyl Acetate

Concen: 26.65 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050850.D

Acq: 23 Aug 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

PB112301ZHE#04

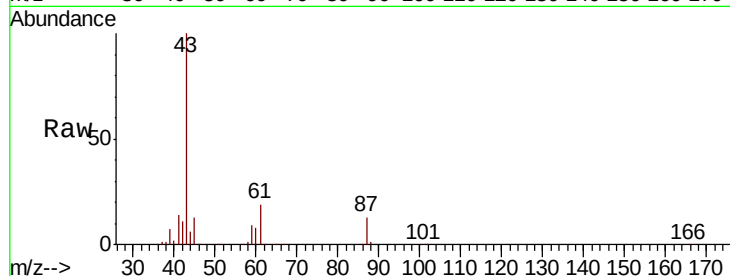
Tot Ion: 43 Resp: 316334

Ion Ratio Lower Upper

43 100

61 17.4 17.5 26.3#

87 11.1 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) (-)

8.17

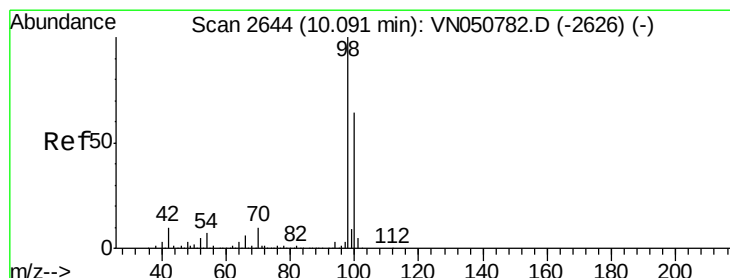
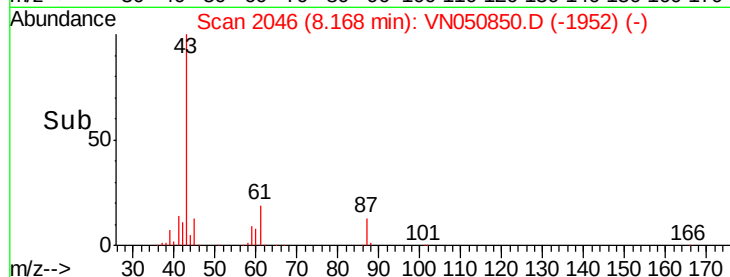
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 45.64 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050850.D

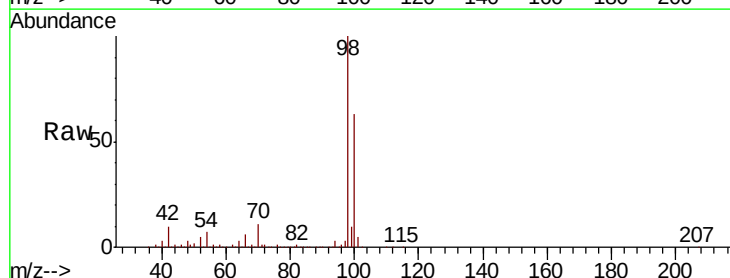
Acq: 23 Aug 2018 13:57

Tgt Ion: 98 Resp: 1382266

Ion Ratio Lower Upper

98 100

100 63.5 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) (-)

10.09

800000

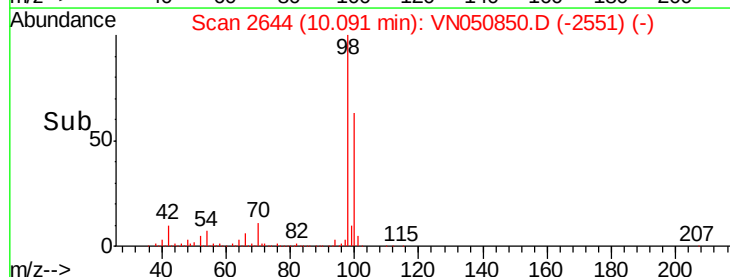
600000

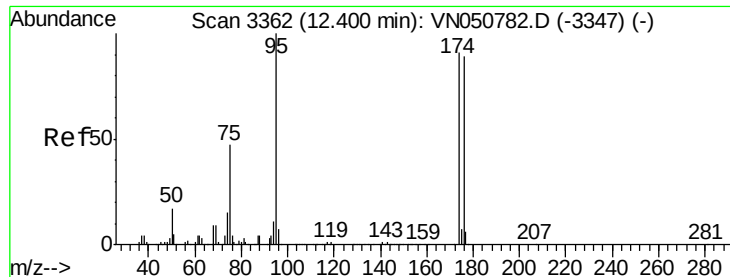
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 35.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050850.D

Acq: 23 Aug 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

PB112301ZHE#04

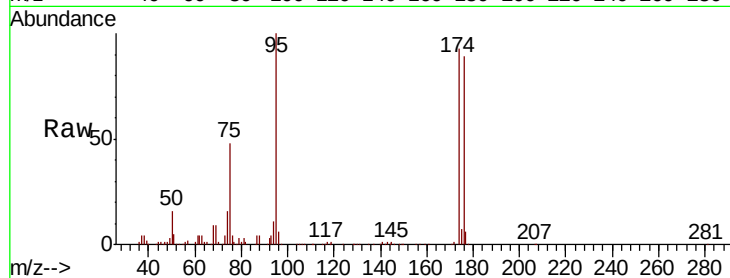
Tot Ion: 95 Resp: 357742

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.0

176 88.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)

12.40

250000

200000

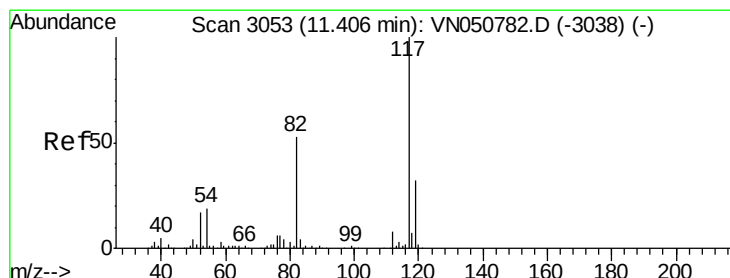
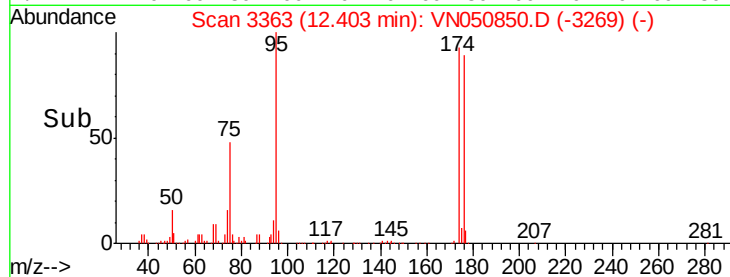
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050850.D

Acq: 23 Aug 2018 13:57

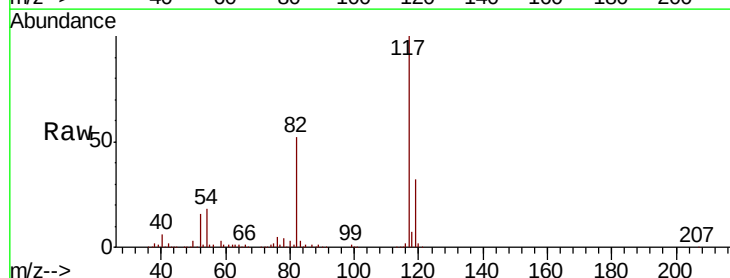
Tgt Ion: 117 Resp: 851632

Ion Ratio Lower Upper

117 100

82 52.1 42.6 64.0

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

11.41

600000

500000

400000

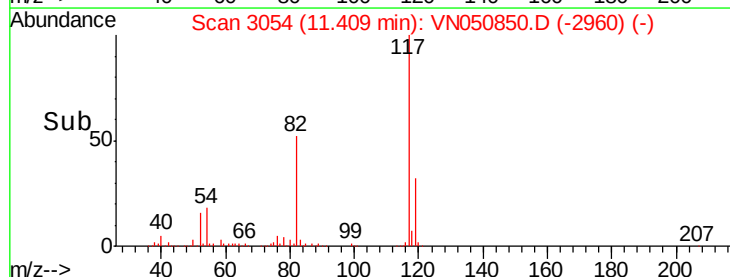
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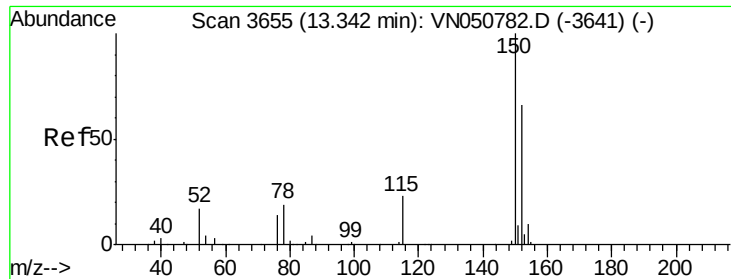
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050850.D

Acq: 23 Aug 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

PB112301ZHE#04

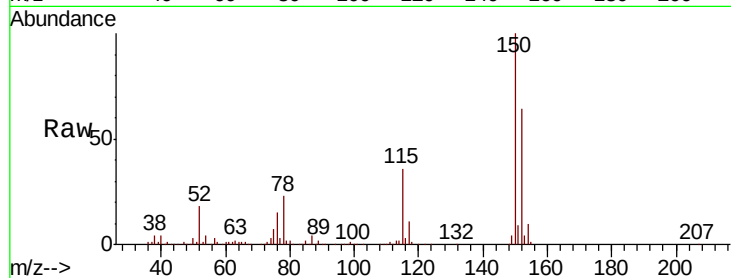
Tot Ion:152 Resp: 276840

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.4

150 156.7 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

