

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049560.D
 Acq On : 26 Jun 2018 18:31
 Operator : MD\SY
 Sample : PB110584ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110584ZHE#07

Quant Time: Jun 27 01:52:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1352362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2138220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1760037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	732934	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	854092	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	7.59	113	725605	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.88%	
50) Toluene-d8	10.09	98	2856937	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
62) 4-Bromofluorobenzene	12.40	95	864921	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	

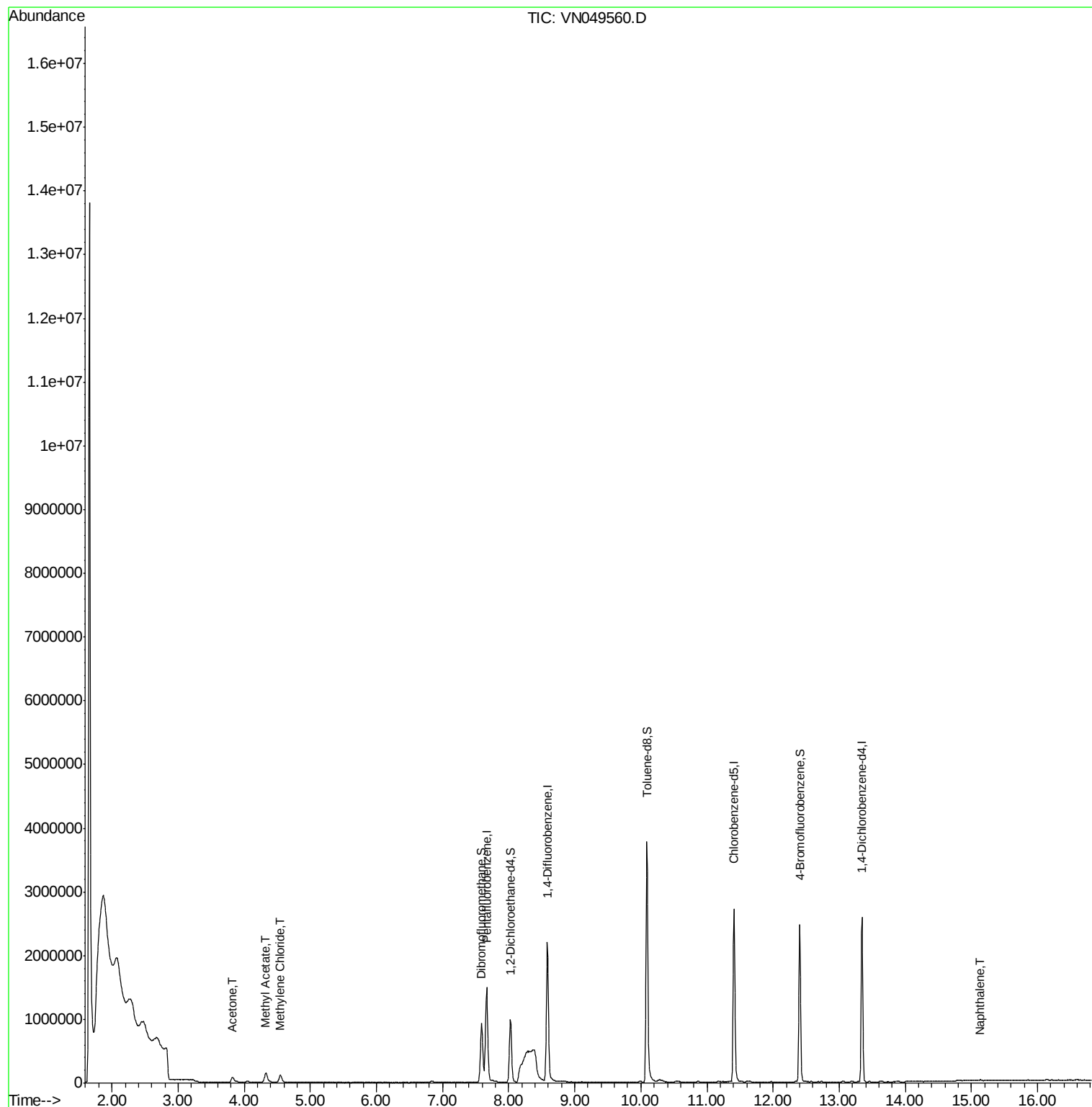
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	176574	40.54	ug/l	95
18) Methyl Acetate	4.33	43	277256	20.88	ug/l	92
20) Methylene Chloride	4.54	84	82995	4.56	ug/l	89
95) Naphthalene	15.13	128	8238	2.48	ug/l #	95

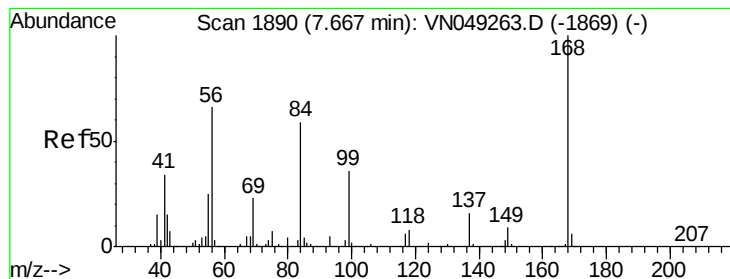
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062618\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

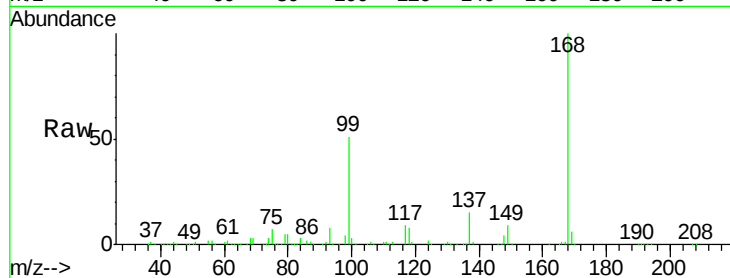
PB110584ZHE#07

Tot Ion:168 Resp: 1352362

Ion Ratio Lower Upper

168 100

99 50.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

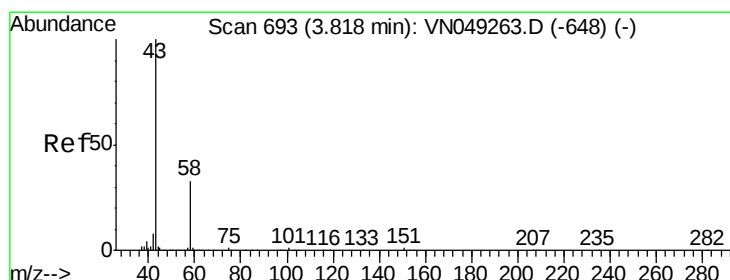
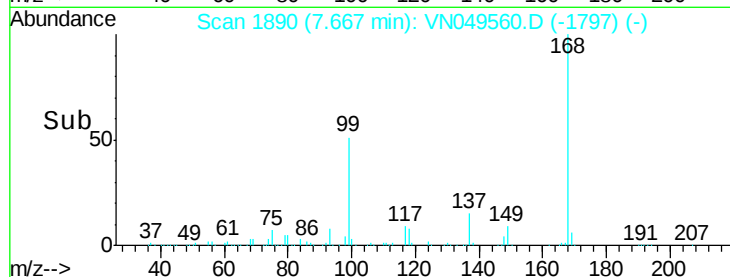
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 40.54 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049560.D

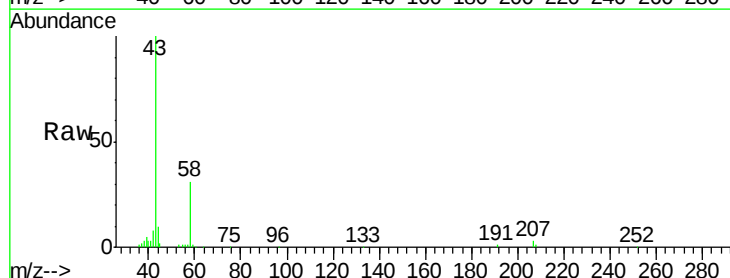
Acq: 26 Jun 2018 18:31

Tgt Ion: 43 Resp: 176574

Ion Ratio Lower Upper

43 100

58 30.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

60000

50000

40000

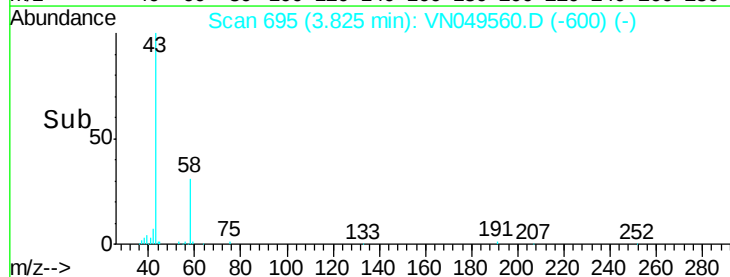
30000

20000

10000

0

Time-->

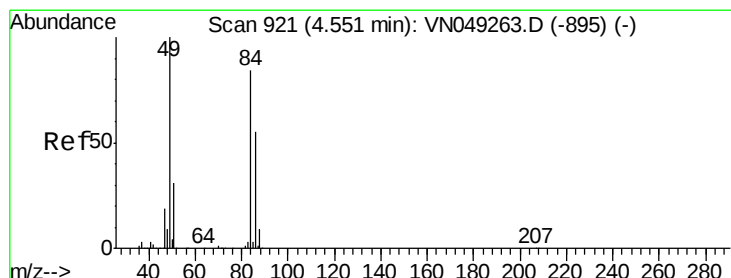
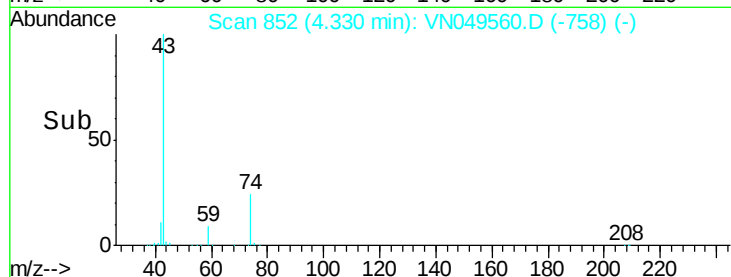
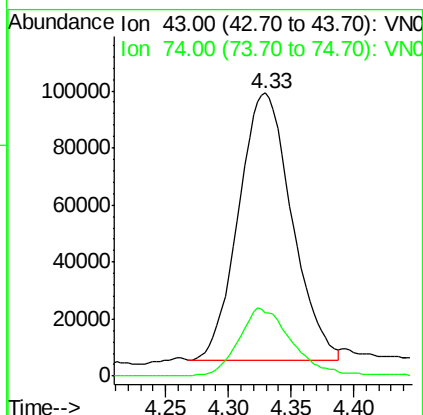
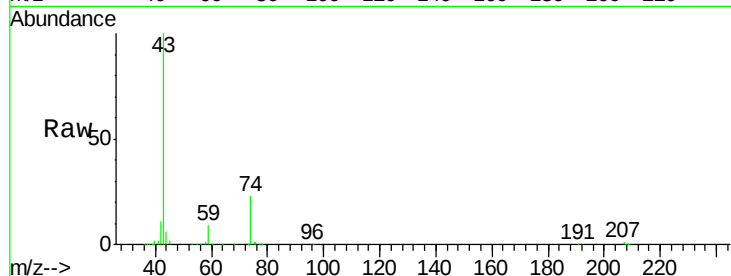




#18
Methvl Acetate
Concen: 20.88 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049560.D
Acq: 26 Jun 2018 18:31

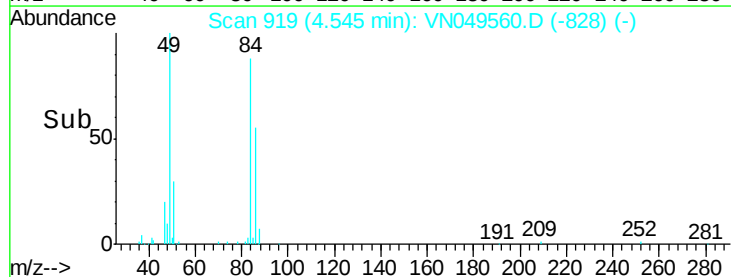
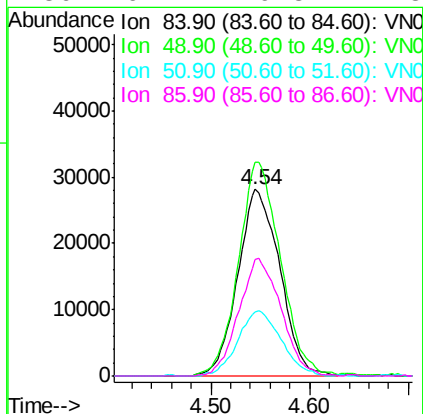
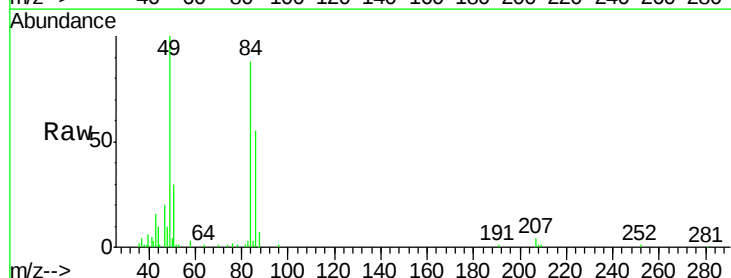
Instrument :
MSVOA_N
ClientSampleId :
PB110584ZHE#07

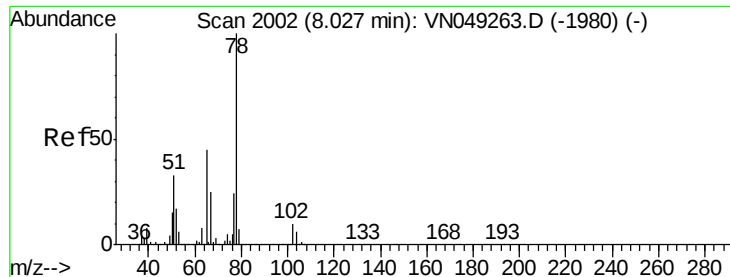
Tot Ion: 43 Resp: 277256
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0



#20
Methylene Chloride
Concen: 4.56 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049560.D
Acq: 26 Jun 2018 18:31

Tgt Ion: 84 Resp: 82995
Ion Ratio Lower Upper
84 100
49 114.2 106.9 160.3
51 34.4 32.7 49.1
86 62.7 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 47.62 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

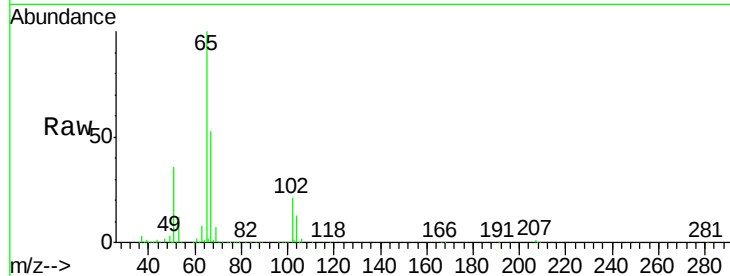
PB110584ZHE#07

Tot Ion: 65 Resp: 854092

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049560.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049560.D (-1909) (-)

8.03

400000

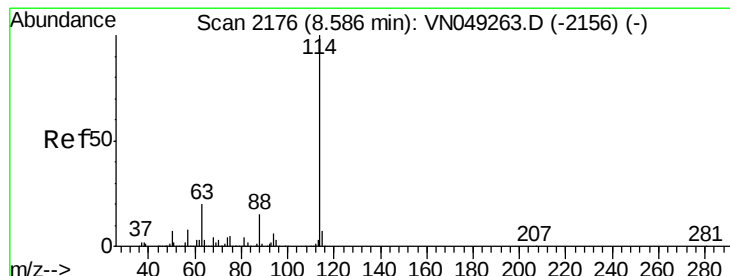
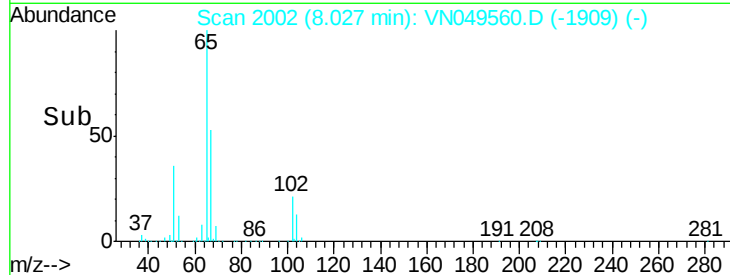
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

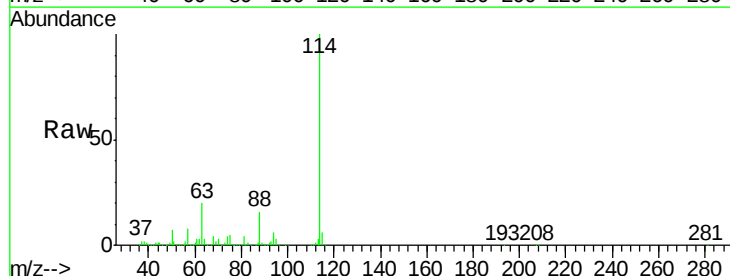
Tgt Ion: 114 Resp: 2138220

Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049560.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049560.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049560.D (-2083) (-)

8.59

1200000

1000000

800000

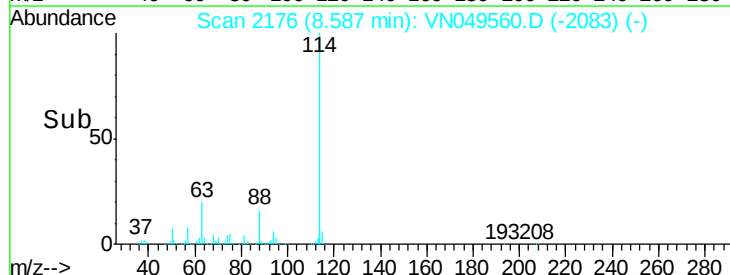
600000

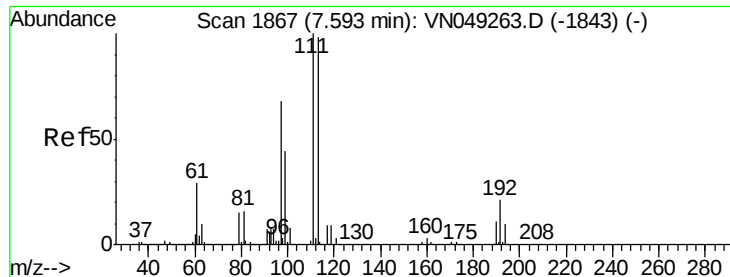
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Time-->

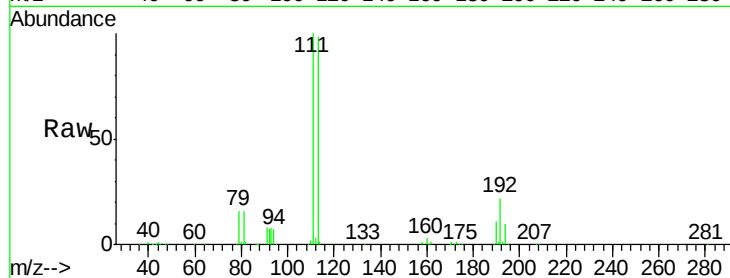




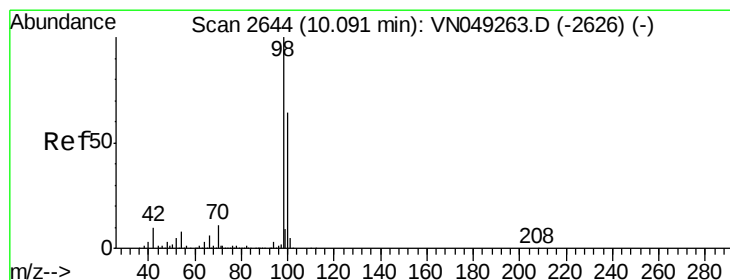
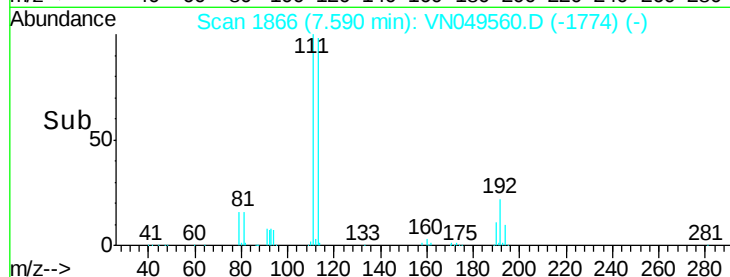
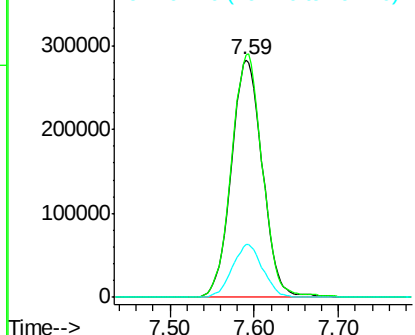
#35
 Dibromofluoromethane
 Concen: 41.94 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049560.D
 Acq: 26 Jun 2018 18:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110584ZHE#07

Tot Ion:113 Resp: 725605
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.4 123.6
 192 22.0 15.0 22.6

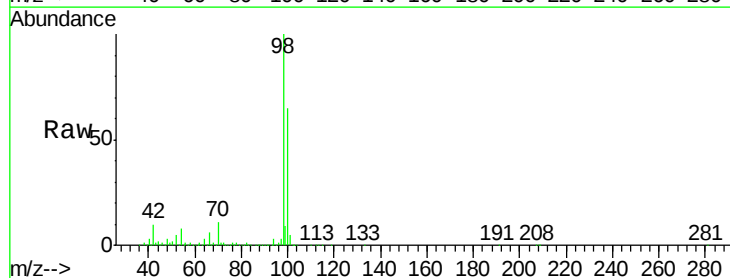


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

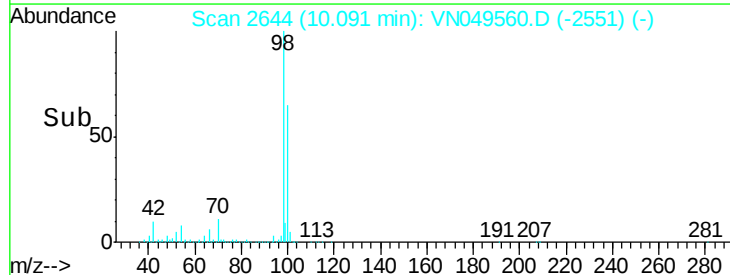
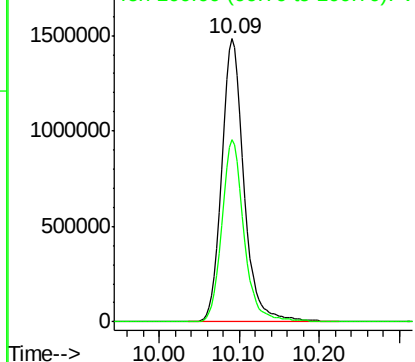


#50
 Toluene-d8
 Concen: 43.37 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049560.D
 Acq: 26 Jun 2018 18:31

Tgt Ion: 98 Resp: 2856937
 Ion Ratio Lower Upper
 98 100
 100 64.2 49.8 74.8



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





#62

4-Bromofluorobenzene

Concen: 39.71 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

PB110584ZHE#07

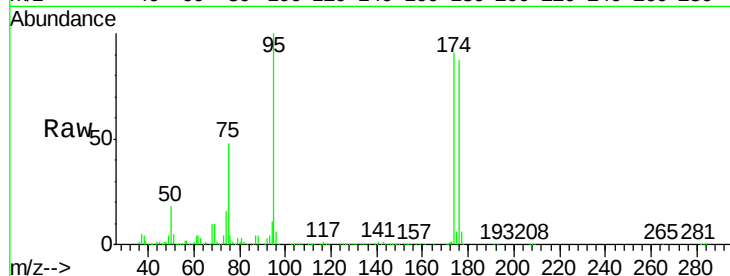
Tot Ion: 95 Resp: 864921

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

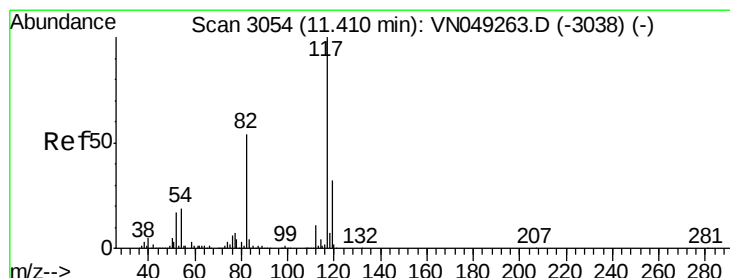
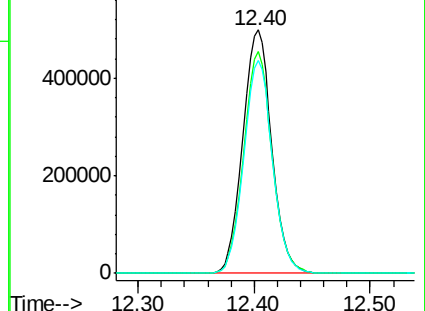
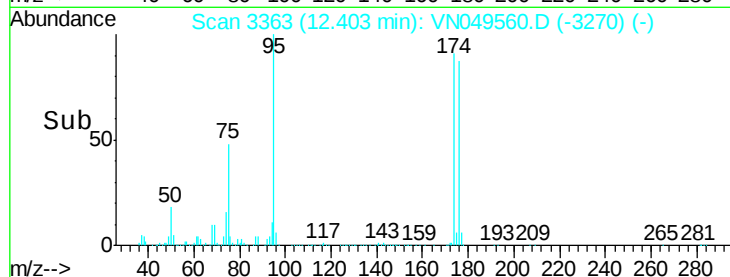
176 86.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049560.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049560.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049560.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

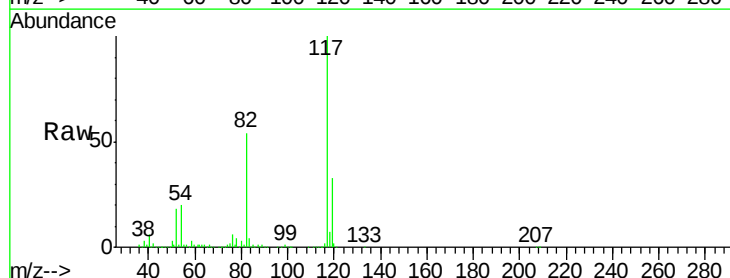
Tgt Ion: 117 Resp: 1760037

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

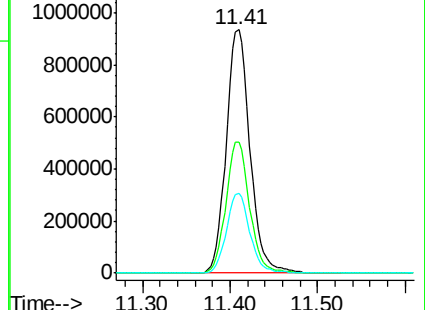
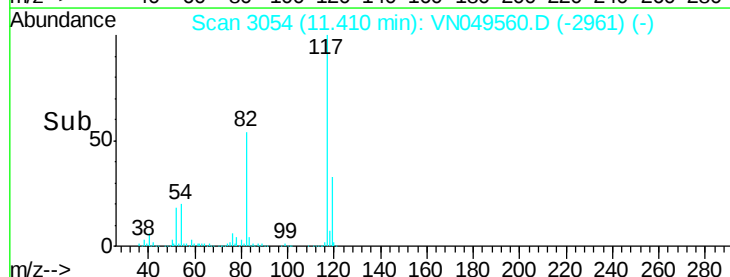
119 32.8 25.5 38.3

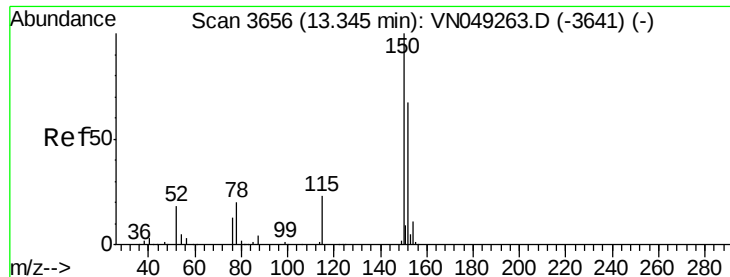


Abundance Ion 116.90 (116.60 to 117.60): VN049560.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049560.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049560.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

PB110584ZHE#07

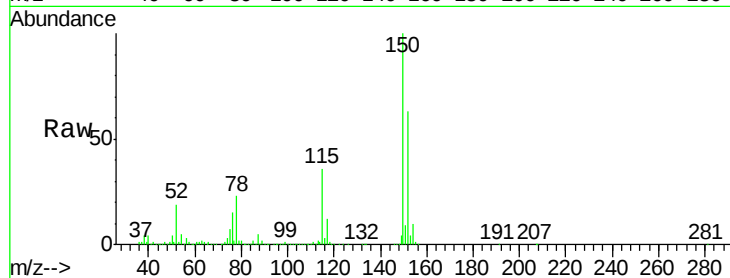
Tot Ion:152 Resp: 732934

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

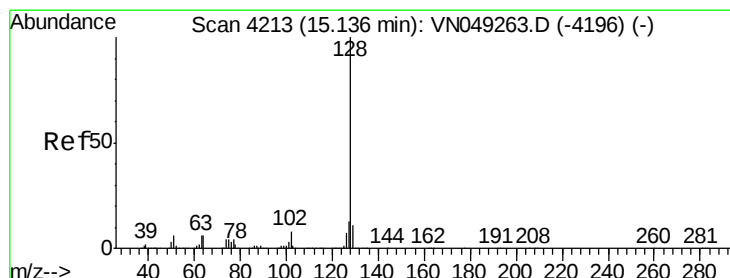
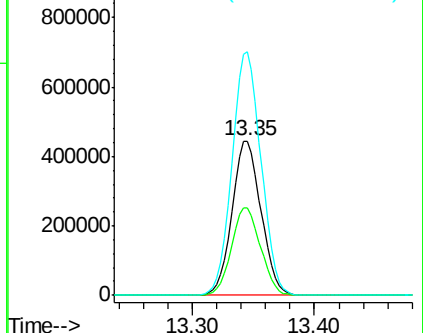
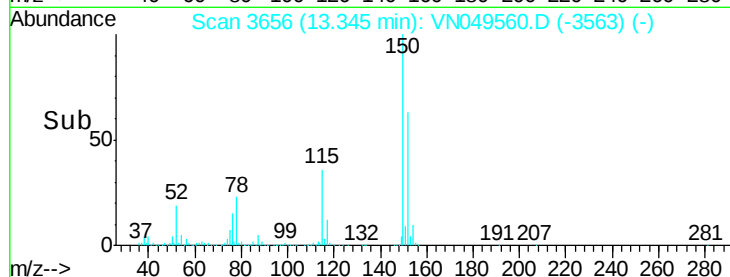
150 158.1 0.0 351.0



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



#95

Naphthalene

Concen: 2.48 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN049560.D

Acq: 26 Jun 2018 18:31

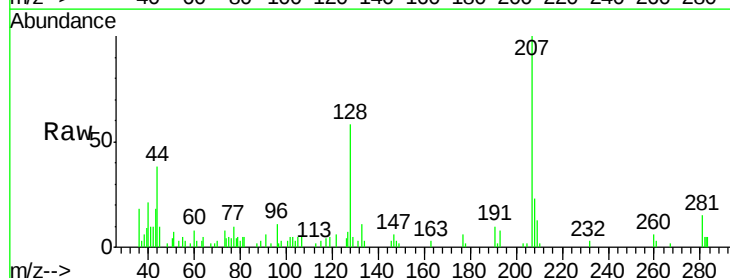
Tgt Ion:128 Resp: 8238

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 13.6 8.5 12.7#



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

