

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049373.D
 Acq On : 19 Jun 2018 4:58
 Operator : MD\SY
 Sample : J3566-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

Quant Time: Jun 19 08:19:04 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

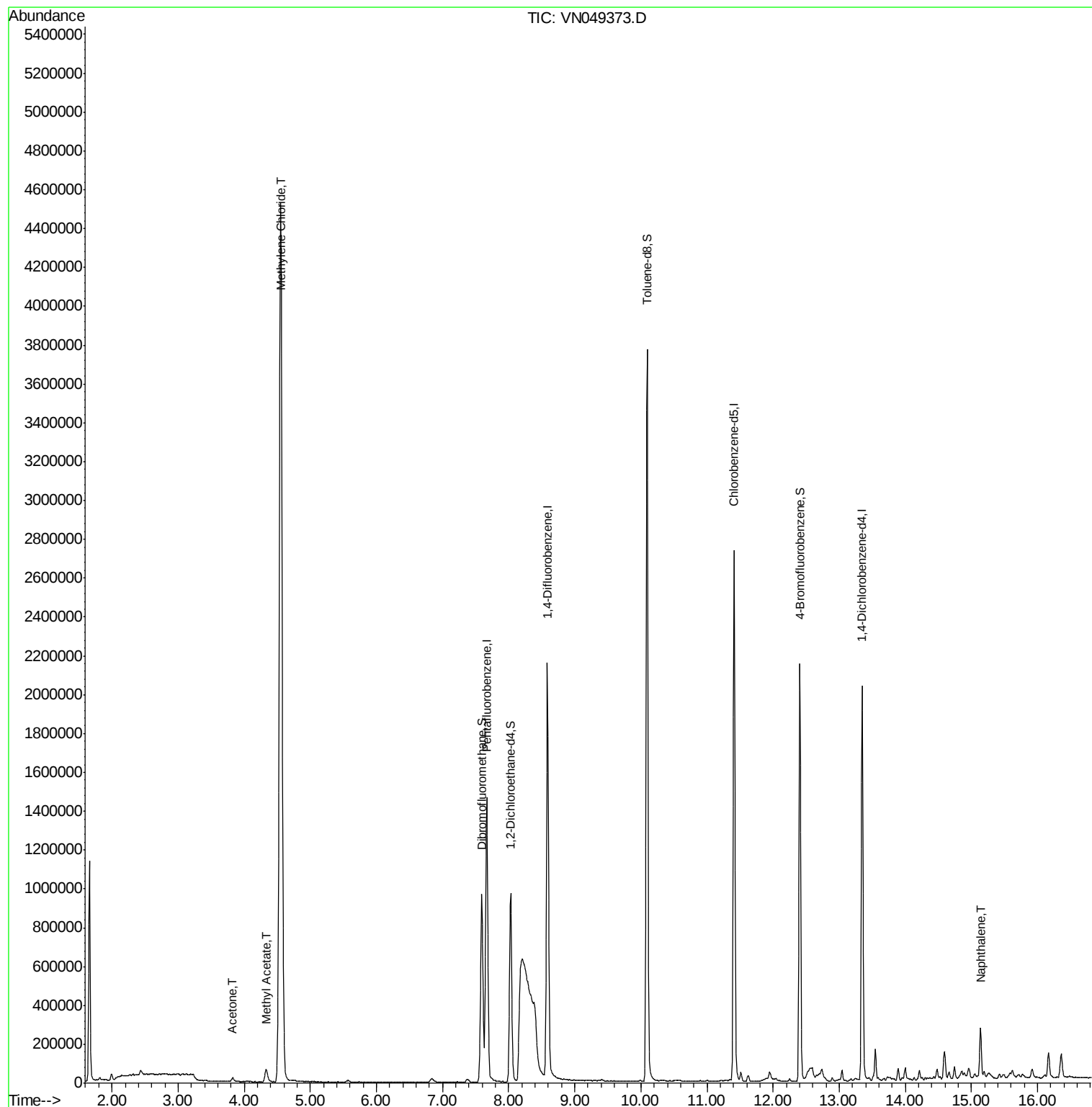
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1243895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2025748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1665978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	581223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	840078	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.59	113	738187	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	10.09	98	2738619	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
62) 4-Bromofluorobenzene	12.40	95	753361	36.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.02%	
Target Compounds						
16) Acetone	3.82	43	30800	7.689	ug/l #	81
18) Methyl Acetate	4.33	43	128856	10.550	ug/l	98
20) Methylene Chloride	4.55	84	3506303	209.577	ug/l	92
95) Naphthalene	15.14	128	232215	15.928	ug/l	99

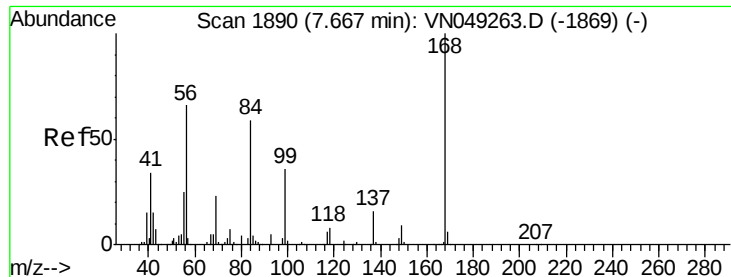
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampled :

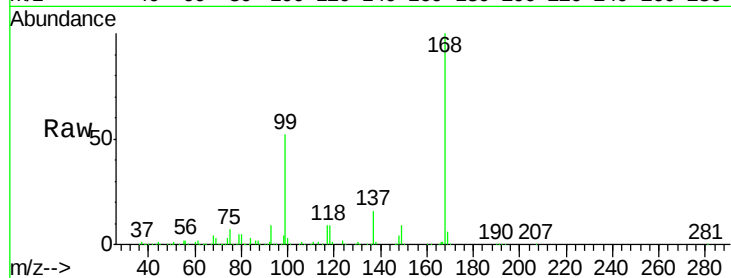
TP-8-D

Tot Ion:168 Resp: 1243895

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

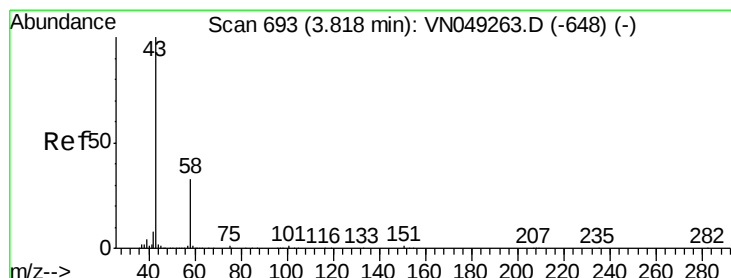
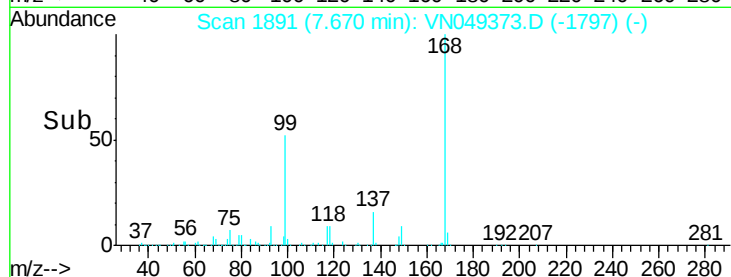
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.689 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049373.D

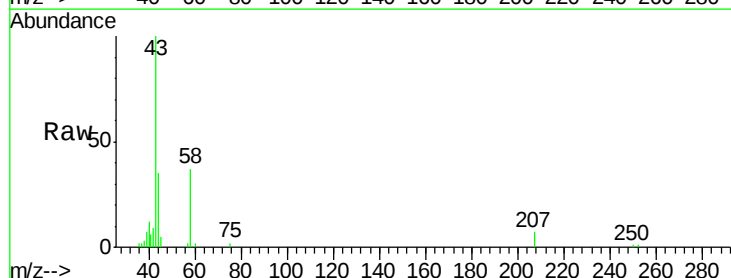
Acq: 19 Jun 2018 4:58

Tgt Ion: 43 Resp: 30800

Ion Ratio Lower Upper

43 100

58 37.9 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

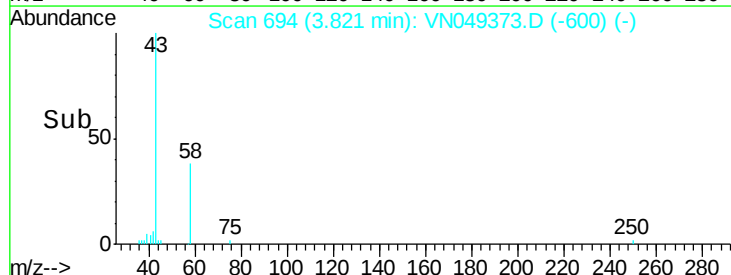
3.82

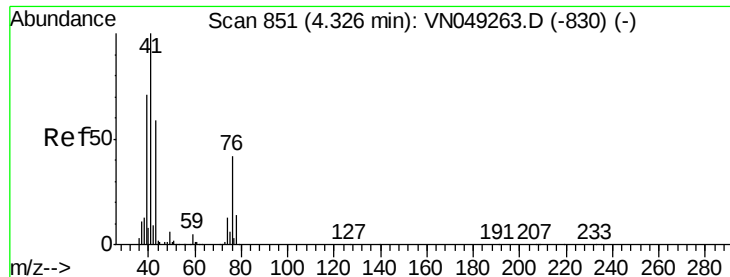
10000

5000

0

Time-->

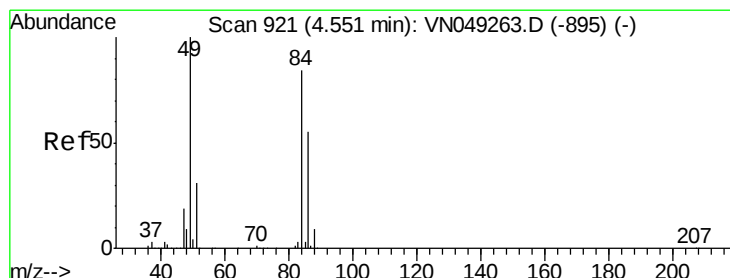
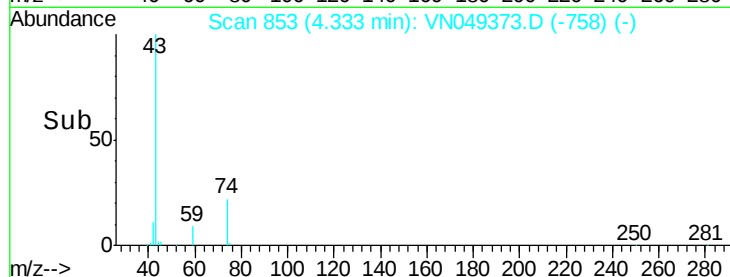
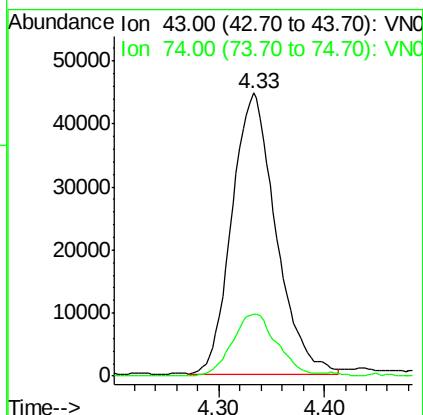
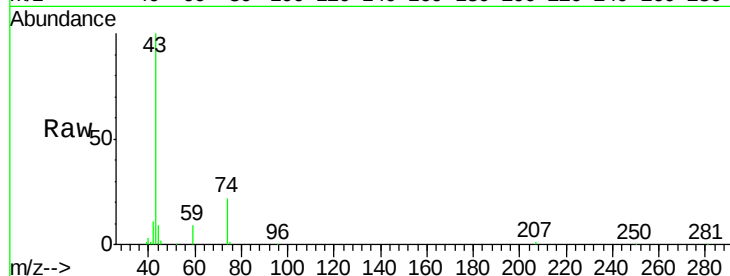




#18
Methvl Acetate
Concen: 10.550 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

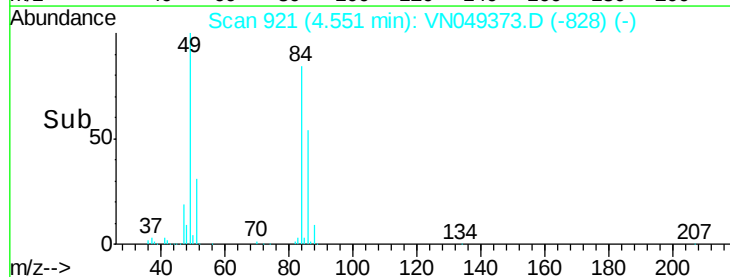
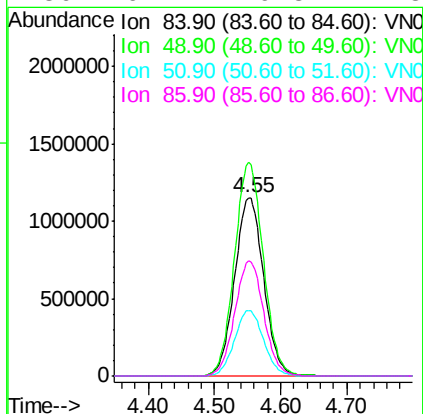
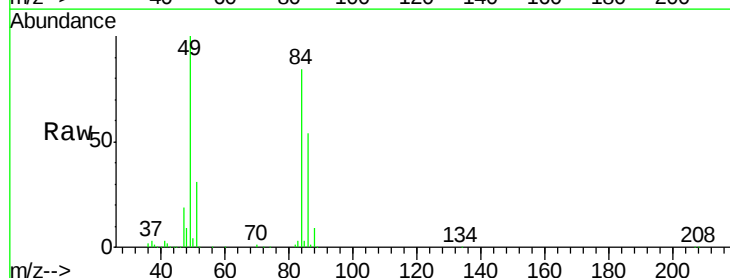
Instrument :
MSVOA_N
ClientSampled :
TP-8-D

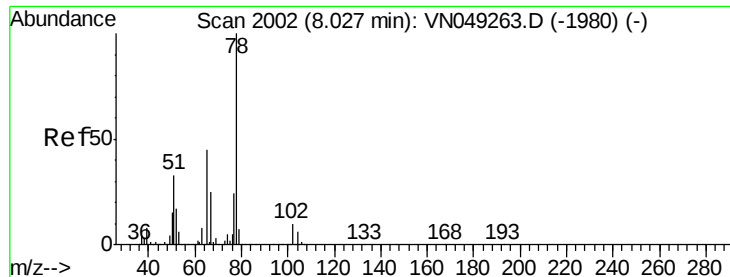
Tot Ion: 43 Resp: 128856
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 209.577 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049373.D
Acq: 19 Jun 2018 4:58

Tgt Ion: 84 Resp: 3506303
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 36.7 32.7 49.1
86 64.2 49.8 74.8

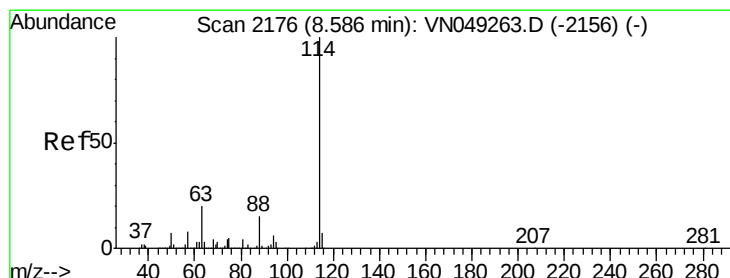
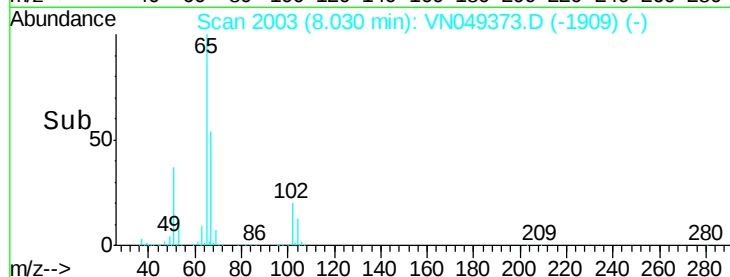
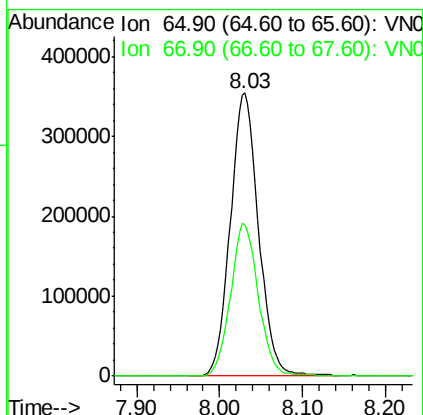
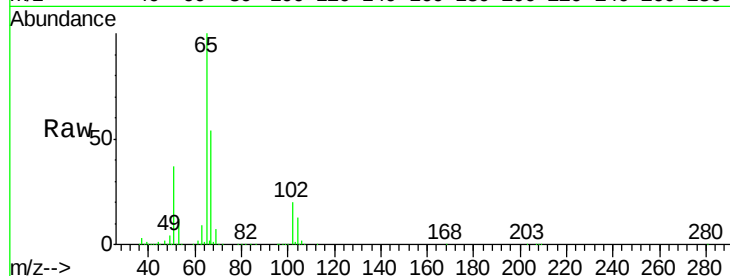




#33
 1,2-Dichloroethane-d4
 Concen: 50.919 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

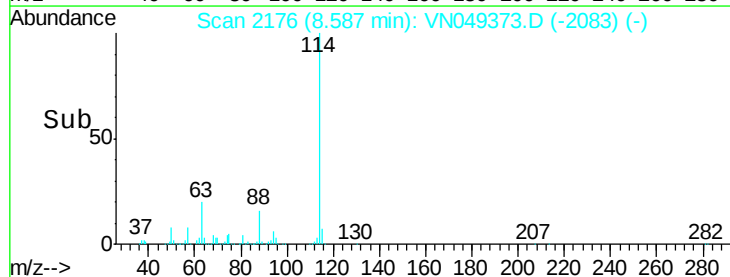
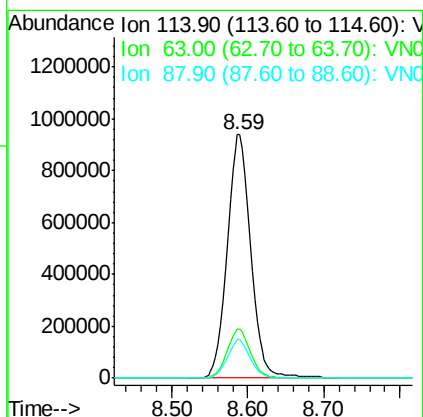
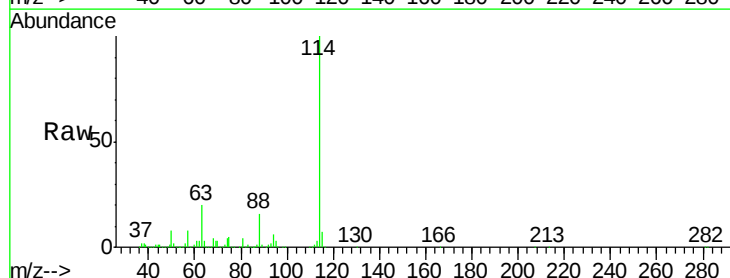
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

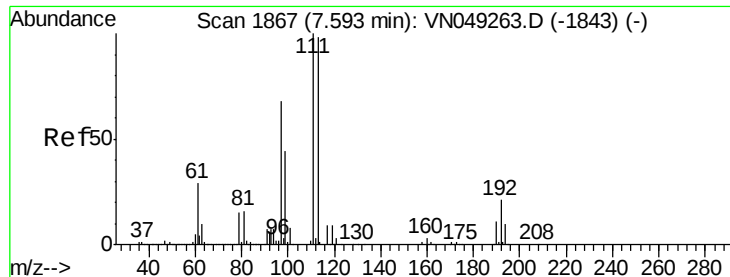
Tot Ion: 65 Resp: 840078
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049373.D
 Acq: 19 Jun 2018 4:58

Tgt Ion: 114 Resp: 2025748
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.041 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

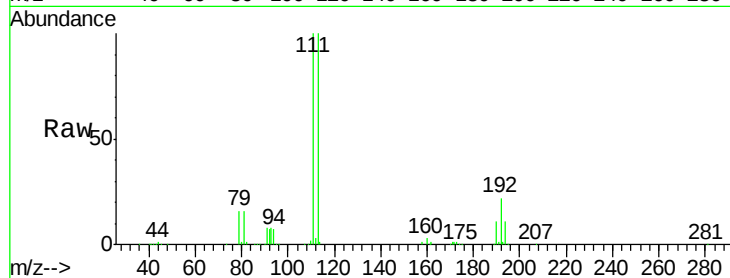
Tot Ion:113 Resp: 738187

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

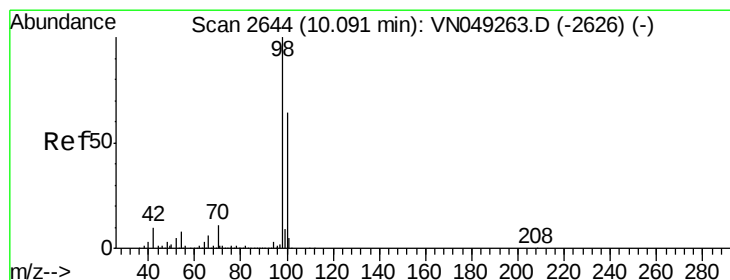
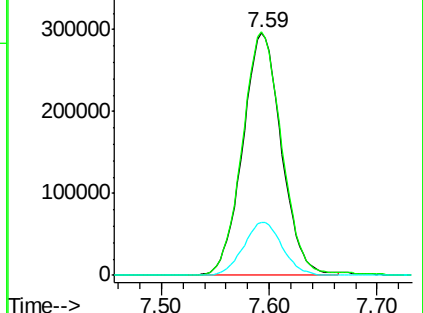
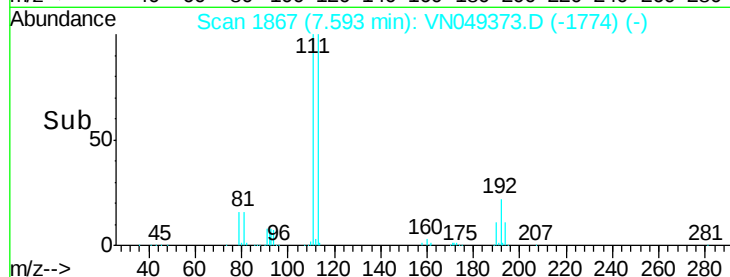
192 22.2 15.0 22.6



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: 43.885 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049373.D

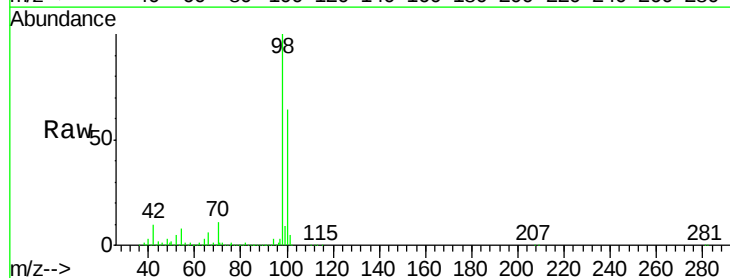
Acq: 19 Jun 2018 4:58

Tgt Ion: 98 Resp: 2738619

Ion Ratio Lower Upper

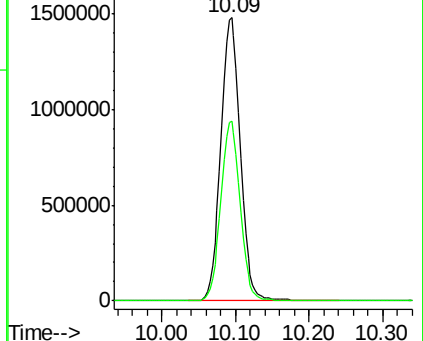
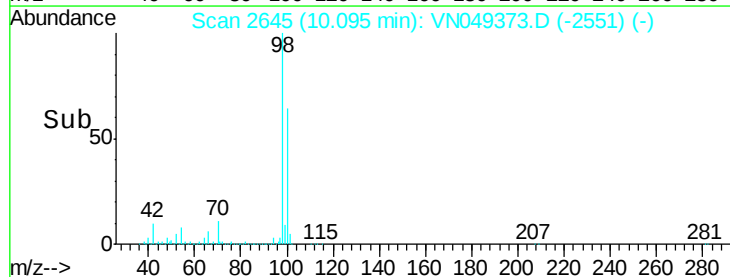
98 100

100 62.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.510 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

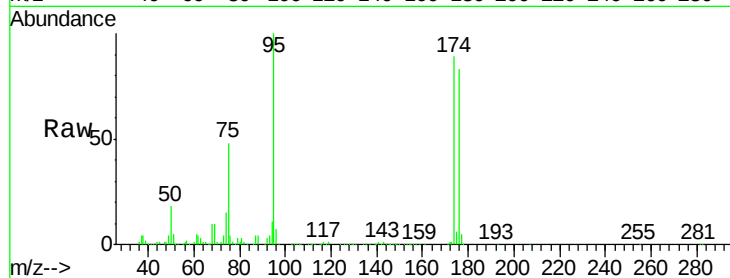
Tot Ion: 95 Resp: 753361

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

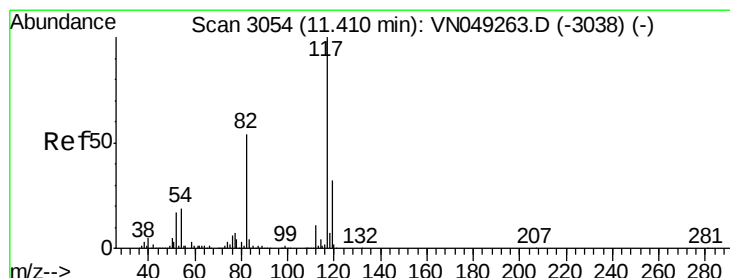
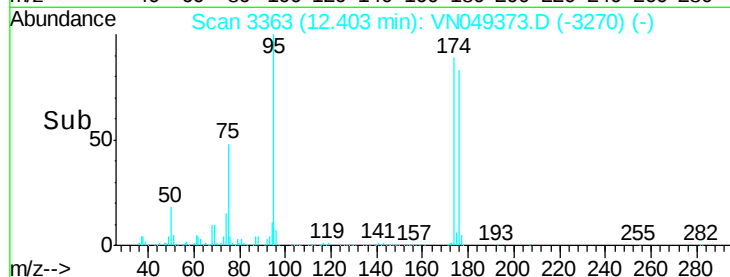
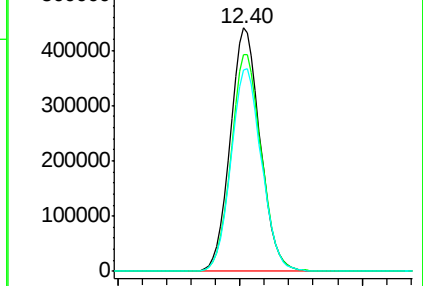
176 84.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049373.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049373.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049373.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

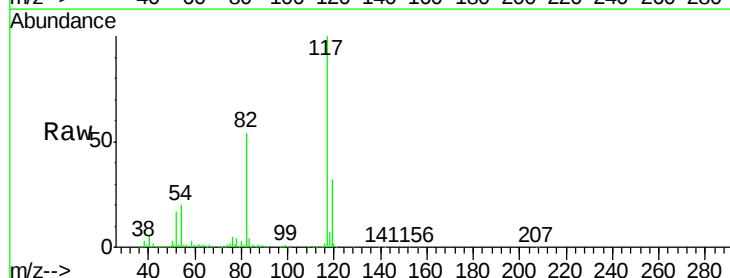
Tgt Ion: 117 Resp: 1665978

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

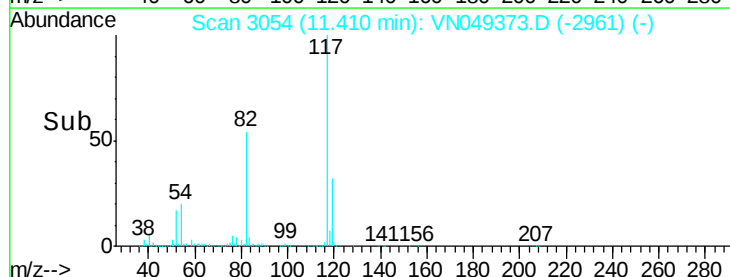
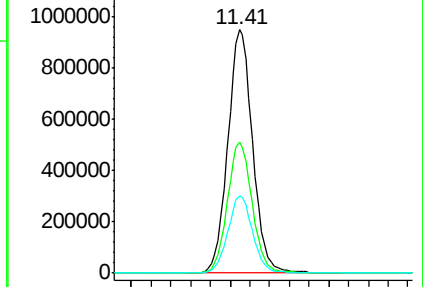
119 31.8 25.5 38.3

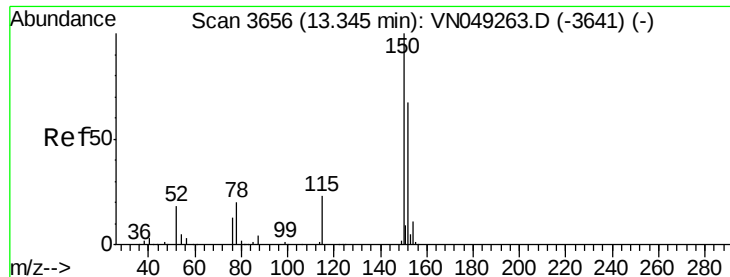


Abundance Ion 116.90 (116.60 to 117.60): VN049373.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049373.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049373.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

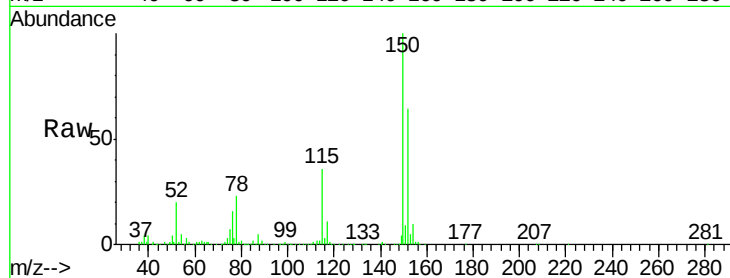
Tot Ion:152 Resp: 581223

Ion Ratio Lower Upper

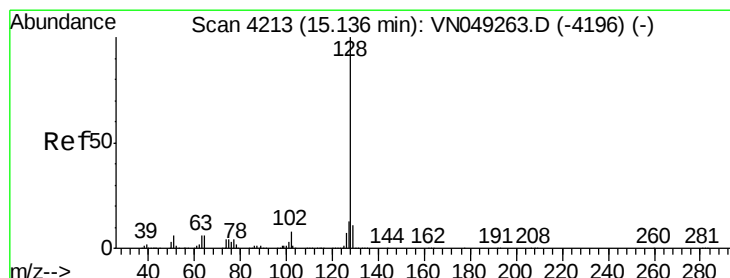
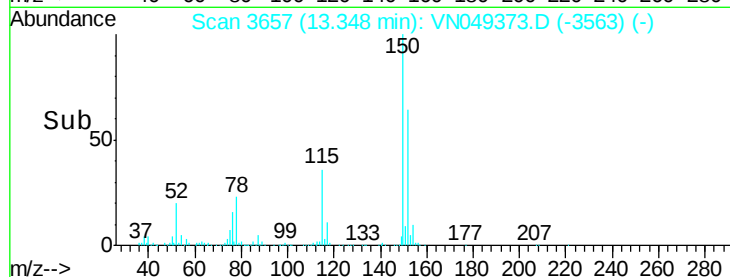
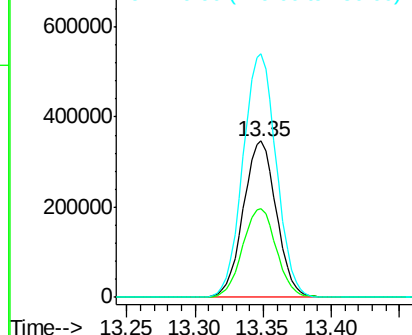
152 100

115 58.7 28.7 86.1

150 157.5 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: 15.928 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049373.D

Acq: 19 Jun 2018 4:58

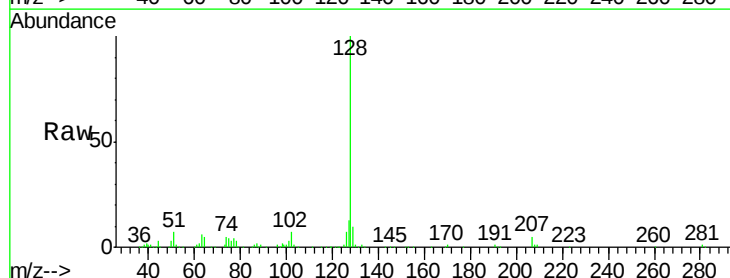
Tgt Ion:128 Resp: 232215

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.0 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

