

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049448.D
 Acq On : 20 Jun 2018 20:30
 Operator : MD\SY
 Sample : J3575-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Jun 21 02:23:10 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	1161345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1827787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1468928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417648	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	782715	50.81	ug/l	0.00
Spiked Amount						
			Recovery	=	101.62%	
35) Dibromofluoromethane	7.59	113	685948	46.39	ug/l	0.00
Spiked Amount						
			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	2492766	44.27	ug/l	0.00
Spiked Amount						
			Recovery	=	88.54%	
62) 4-Bromofluorobenzene	12.41	95	611607	32.85	ug/l	0.00
Spiked Amount						
			Recovery	=	65.70%	

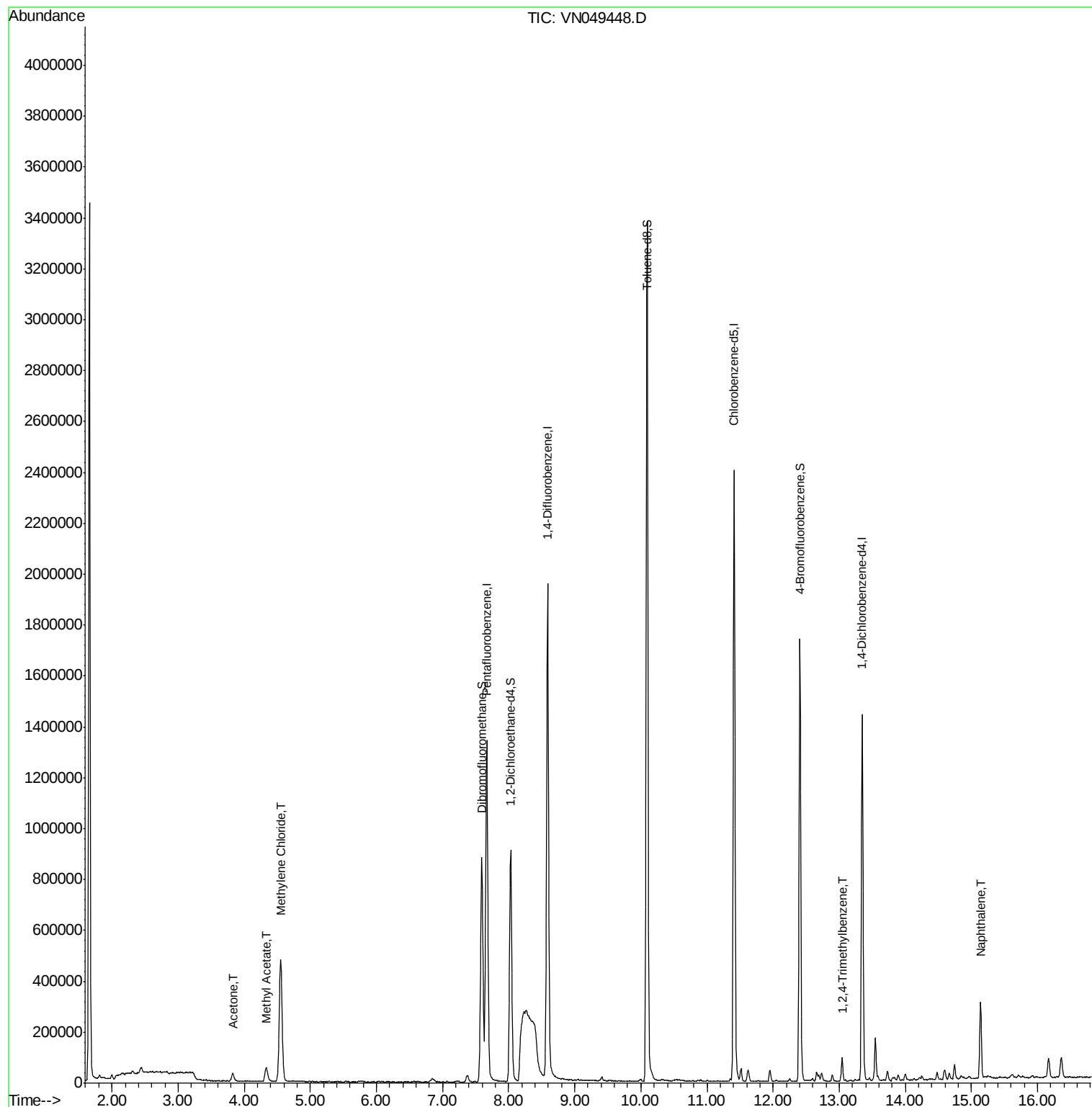
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	52315	13.99	ug/l	91
18) Methyl Acetate	4.33	43	115104	10.09	ug/l	100
20) Methylene Chloride	4.55	84	370135	23.70	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	52295	1.83	ug/l	100
95) Naphthalene	15.14	128	263406	23.47	ug/l	99

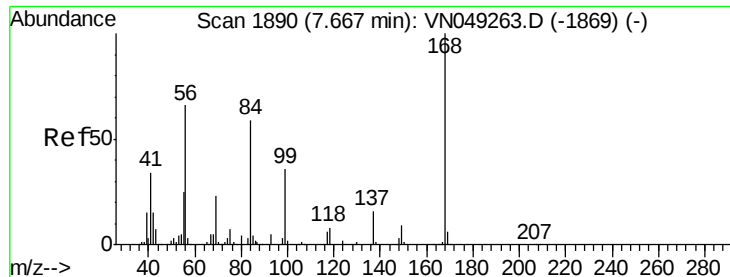
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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TP-10

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

Instrument :

MSVOA_N

ClientSampled :

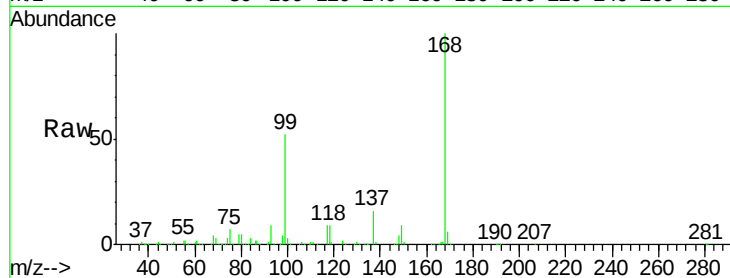
TP-10

Tot Ion:168 Resp: 1161345

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

500000

400000

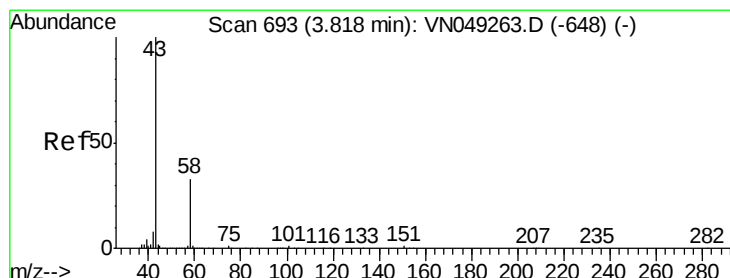
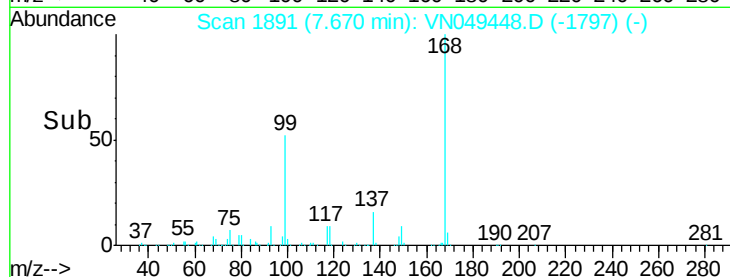
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.99 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049448.D

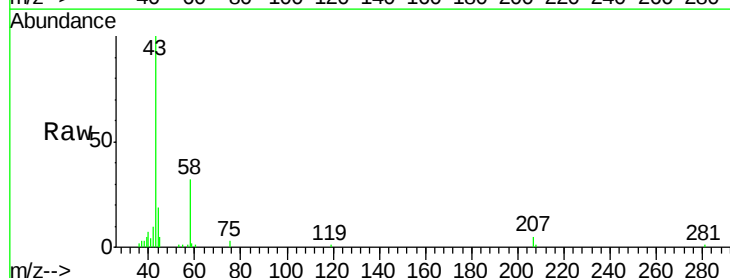
Acq: 20 Jun 2018 20:30

Tgt Ion: 43 Resp: 52315

Ion Ratio Lower Upper

43 100

58 32.8 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

20000

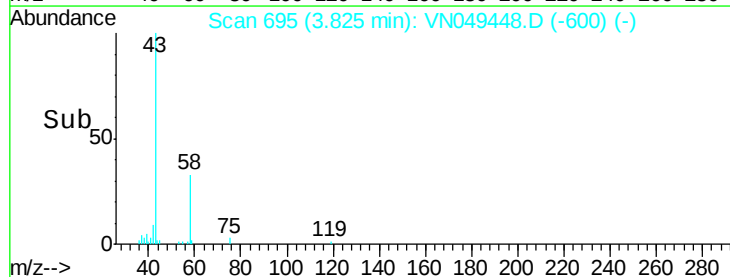
15000

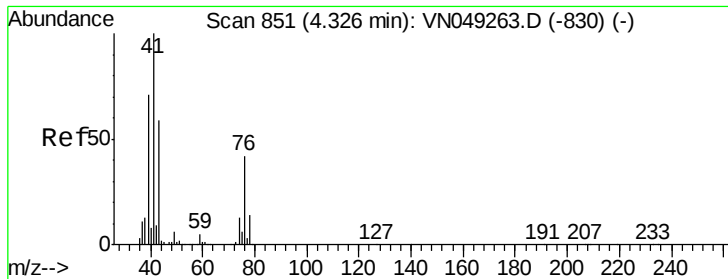
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5000

0

Time-->

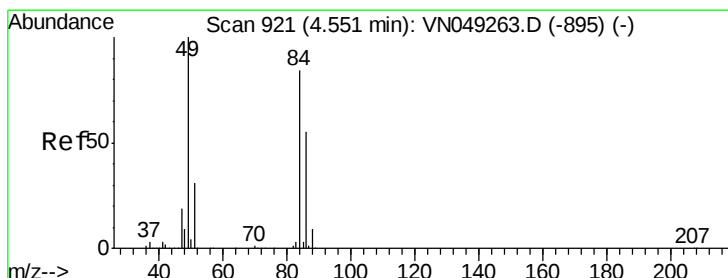
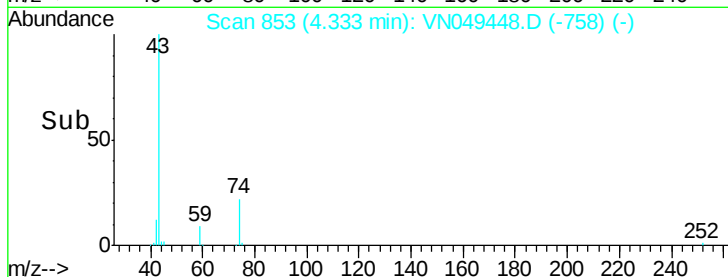
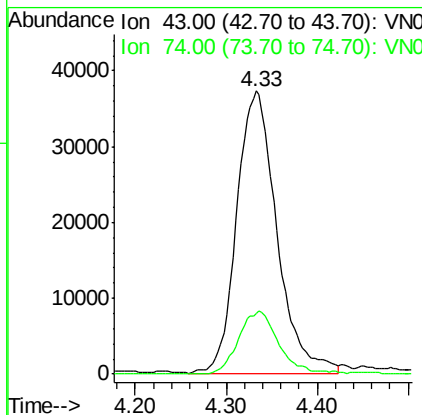
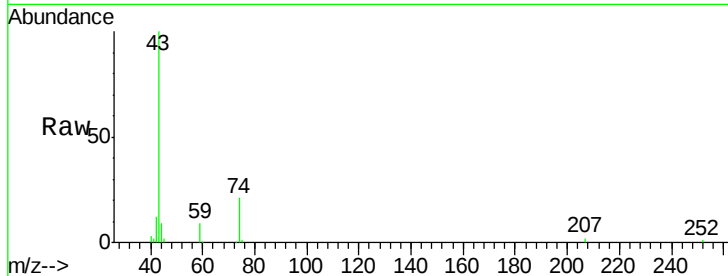




#18
Methvl Acetate
Concen: 10.09 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049448.D
Acq: 20 Jun 2018 20:30

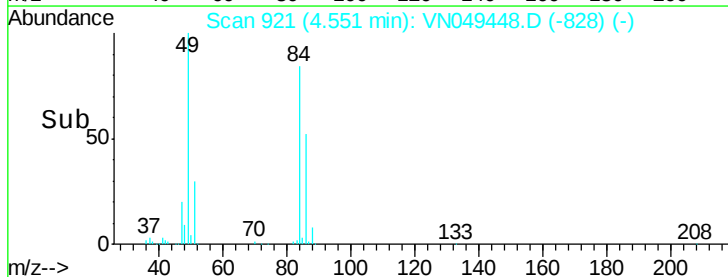
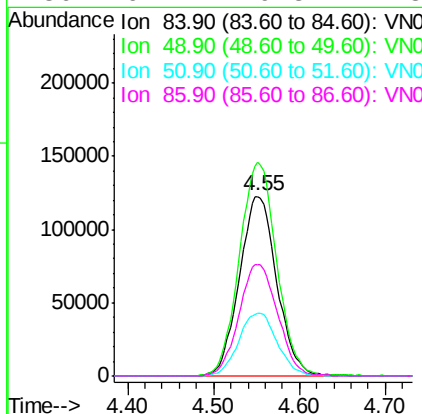
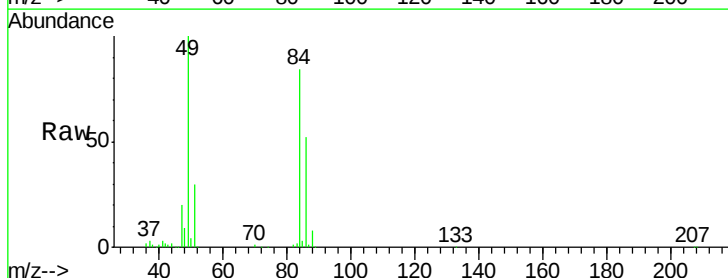
Instrument :
MSVOA_N
ClientSampled :
TP-10

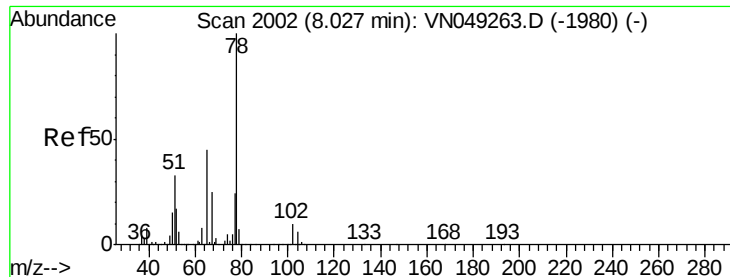
Tot Ion: 43 Resp: 115104
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 23.70 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049448.D
Acq: 20 Jun 2018 20:30

Tgt Ion: 84 Resp: 370135
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 35.1 32.7 49.1
86 62.2 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.81 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

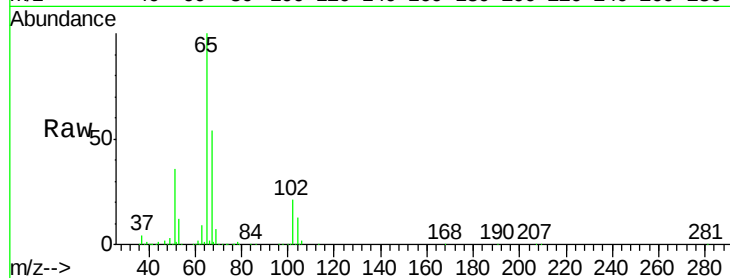
TP-10

Tot Ion: 65 Resp: 782715

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049448.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049448.D (-1980) (-)

8.03

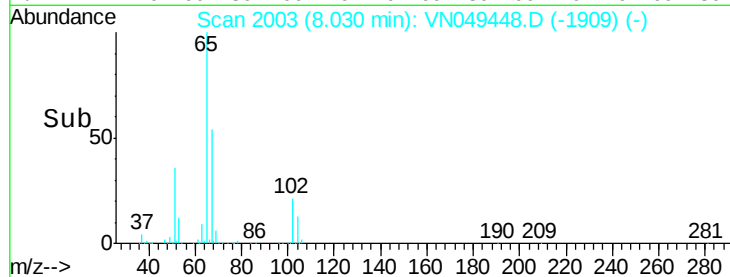
300000

200000

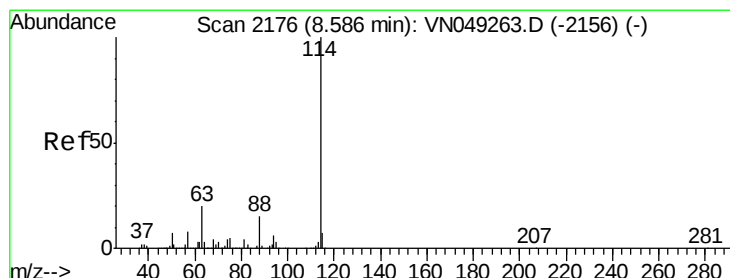
100000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

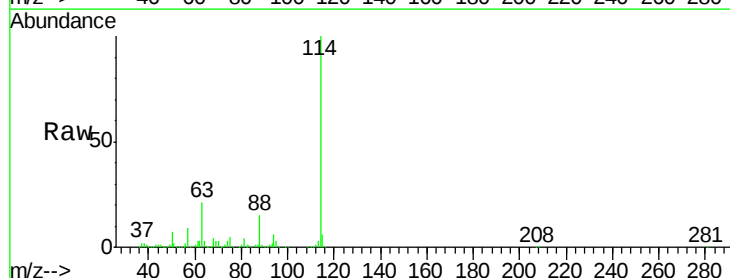
Tgt Ion: 114 Resp: 1827787

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049448.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049448.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049448.D (-2156) (-)

8.59

1000000

800000

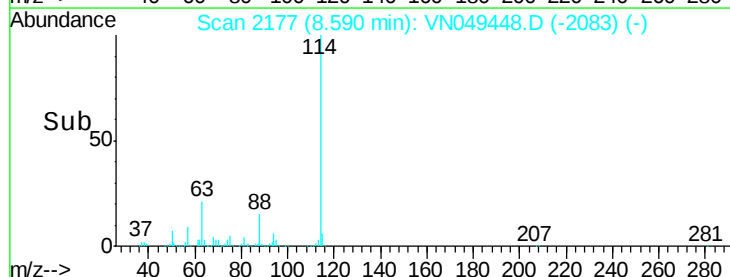
600000

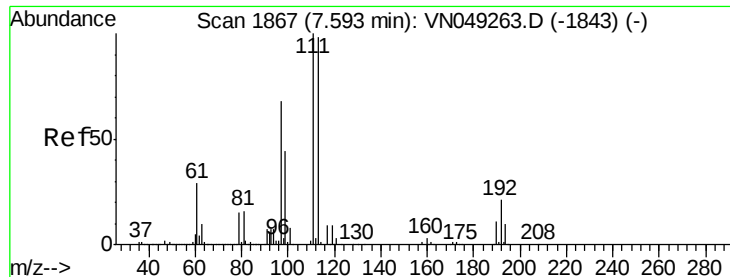
400000

200000

0

Time-->

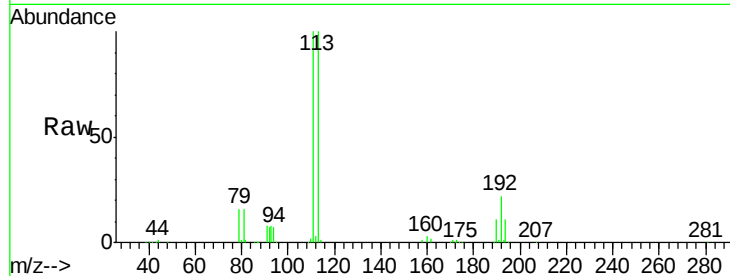




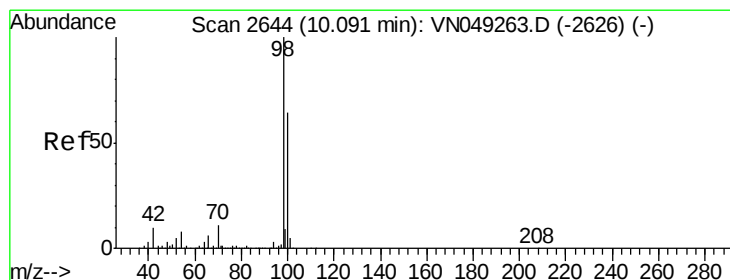
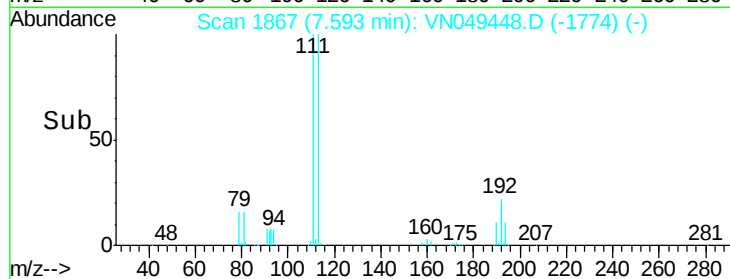
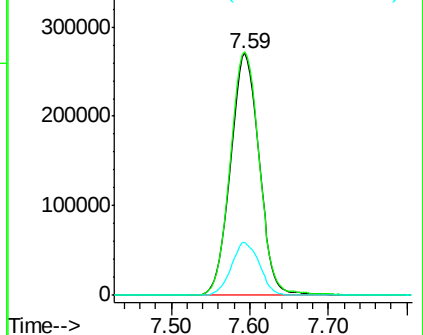
#35
 Dibromofluoromethane
 Concen: 46.39 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049448.D
 Acq: 20 Jun 2018 20:30

Instrument :
 MSVOA_N
 ClientSampled :
 TP-10

Tot Ion:113 Resp: 685948
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 21.6 15.0 22.6

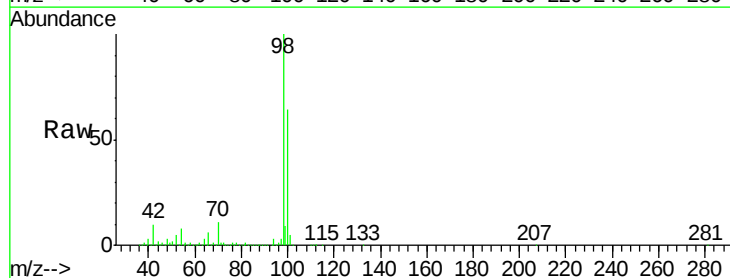


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

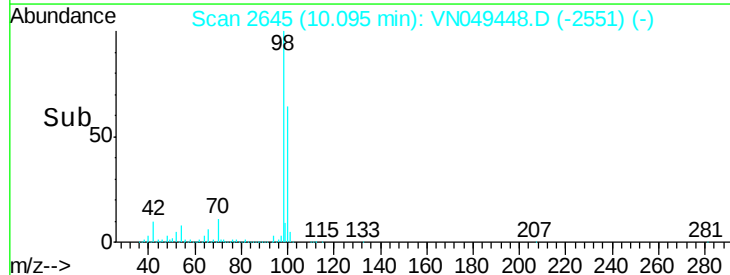
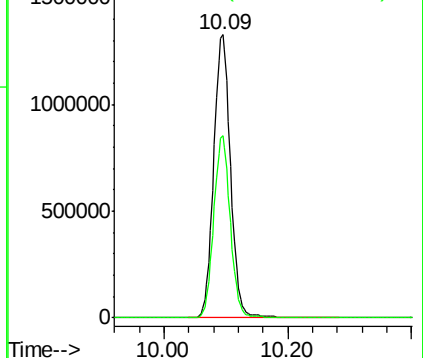


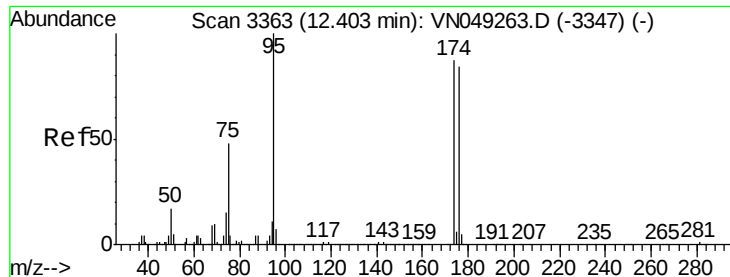
#50
 Toluene-d8
 Concen: 44.27 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049448.D
 Acq: 20 Jun 2018 20:30

Tgt Ion: 98 Resp: 2492766
 Ion Ratio Lower Upper
 98 100
 100 63.3 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: 32.85 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

Instrument :

MSVOA_N

ClientSampled :

TP-10

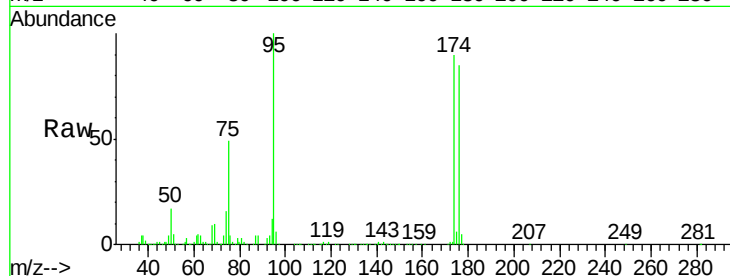
Tot Ion: 95 Resp: 611607

Ion Ratio Lower Upper

95 100

174 88.7 0.0 165.6

176 85.1 0.0 157.4



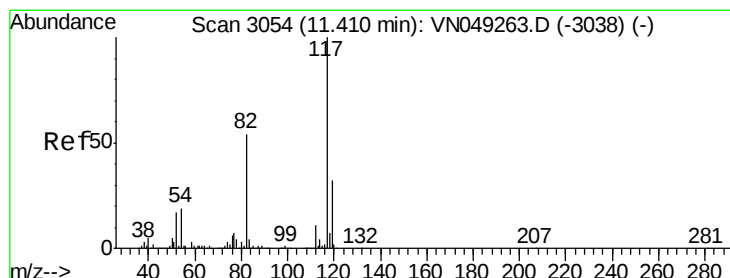
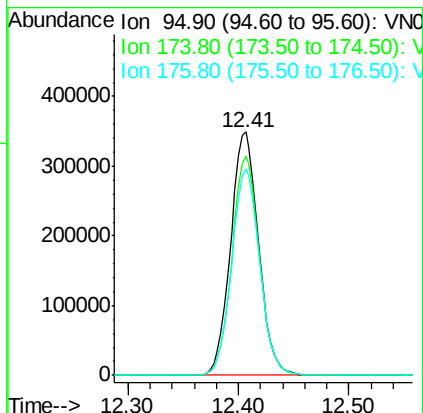
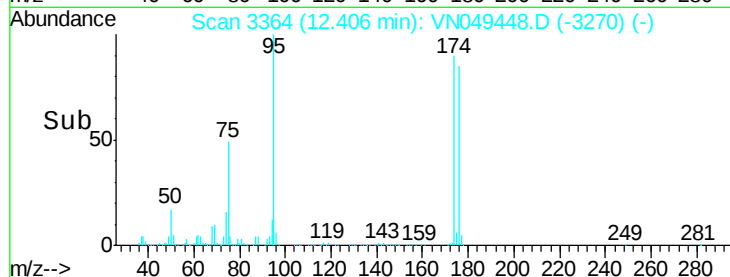
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

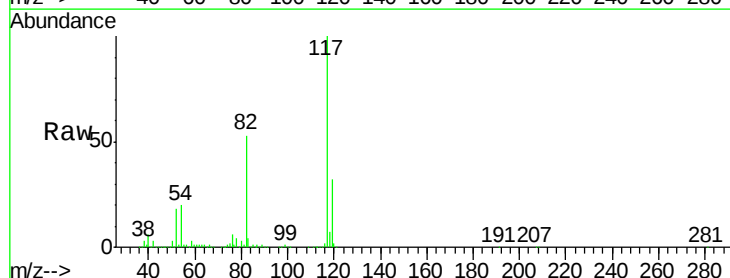
Tgt Ion: 117 Resp: 1468928

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

119 32.2 25.5 38.3



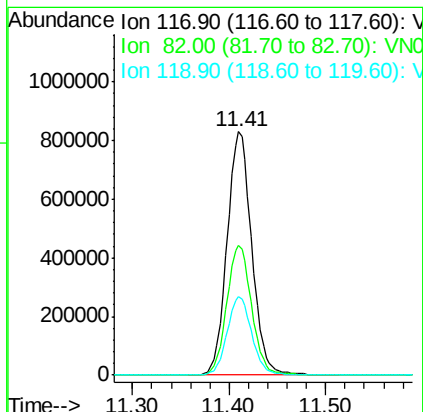
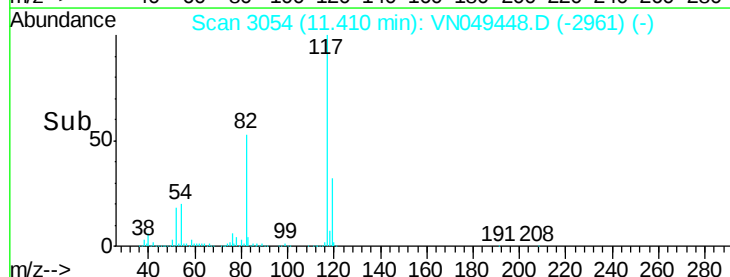
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

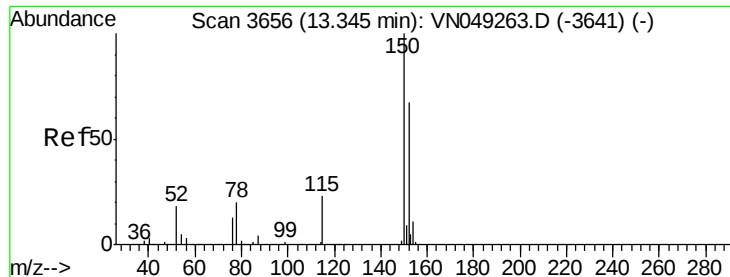
Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

Instrument :

MSVOA_N

ClientSampled :

TP-10

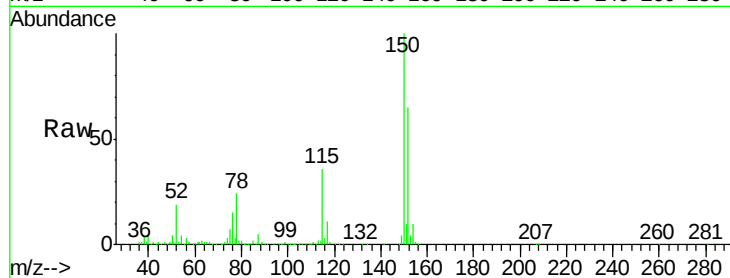
Tot Ion:152 Resp: 417648

Ion Ratio Lower Upper

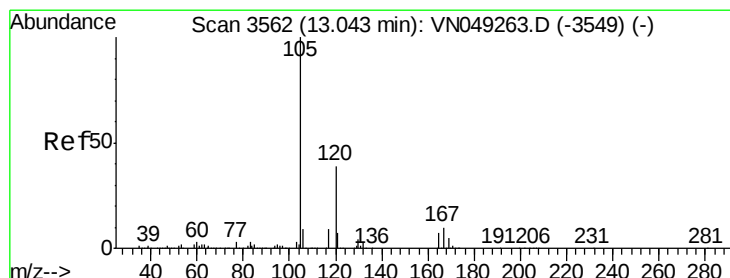
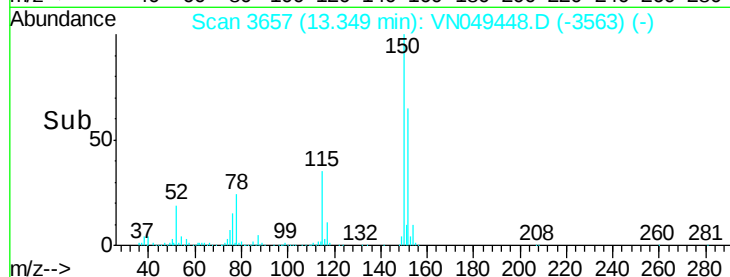
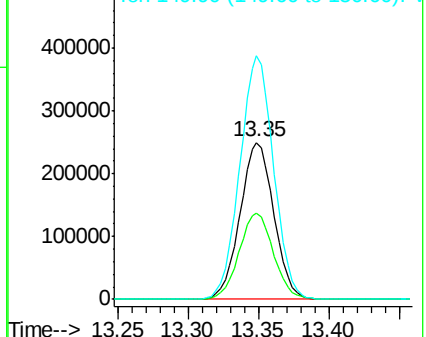
152 100

115 56.2 28.7 86.1

150 155.4 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



#84

1,2,4-Trimethylbenzene

Concen: 1.83 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049448.D

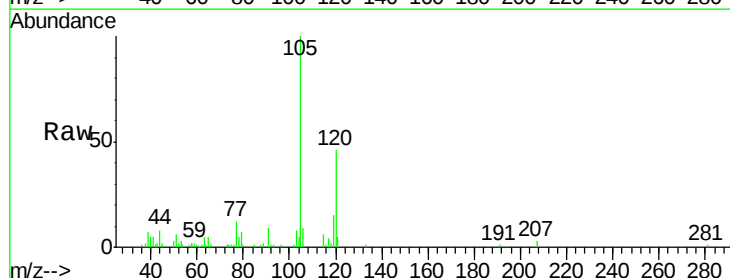
Acq: 20 Jun 2018 20:30

Tgt Ion:105 Resp: 52295

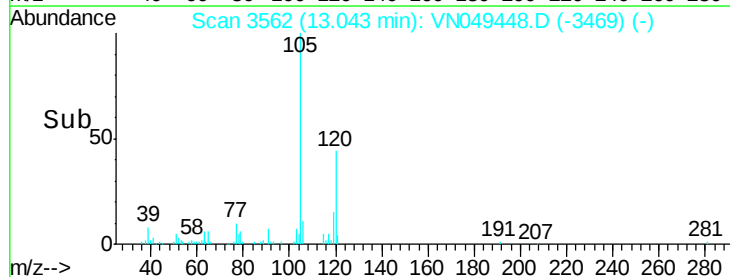
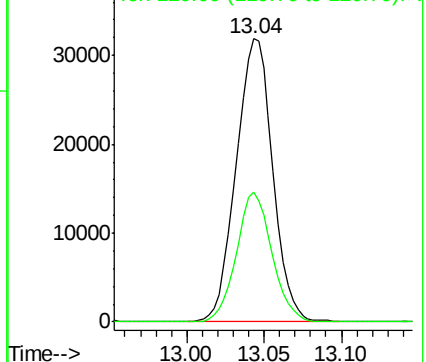
Ion Ratio Lower Upper

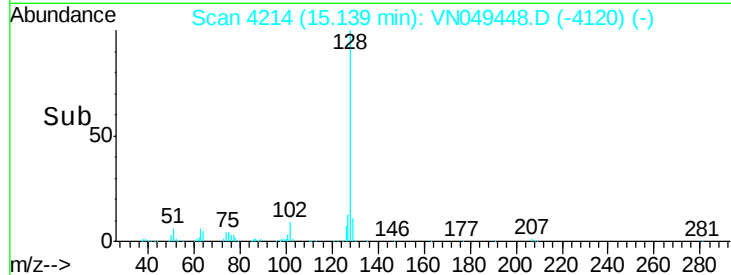
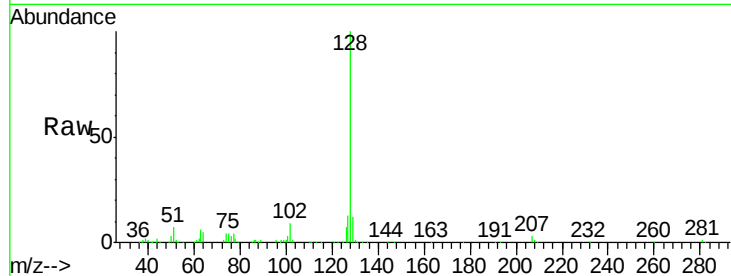
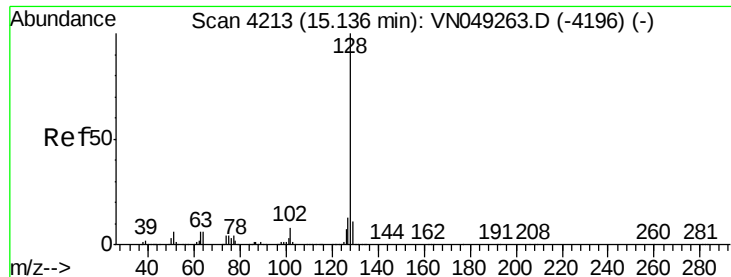
105 100

120 44.2 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 23.47 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049448.D

Acq: 20 Jun 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

TP-10

Tot Ion:128 Resp: 263406

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.4 8.5 12.7

