

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049742.D
 Acq On : 6 Jul 2018 16:38
 Operator : MD\SY
 Sample : J3887-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

Quant Time: Jul 06 17:25:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 06 11:12:18 2018
 Response via : Initial Calibration

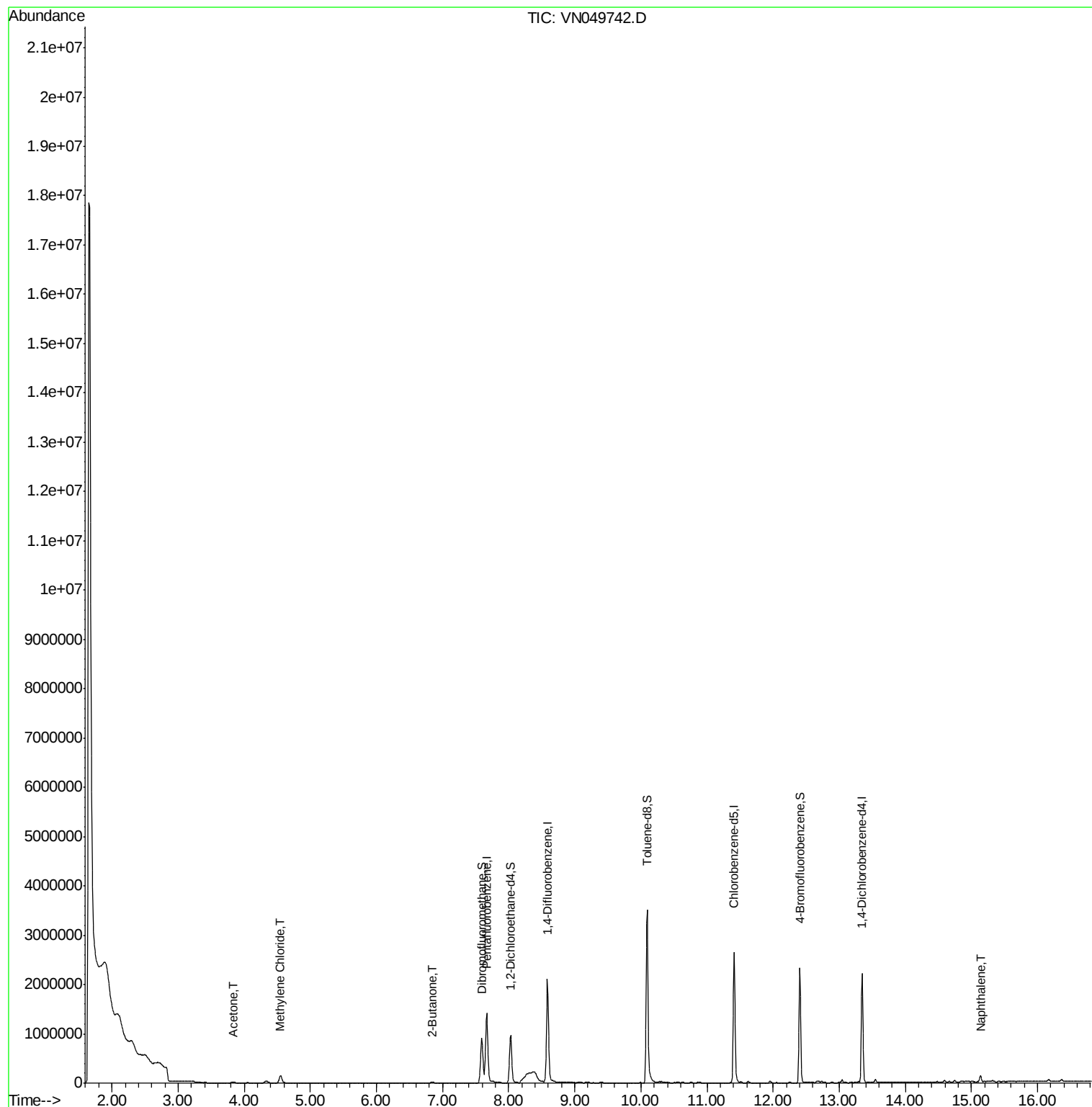
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1271609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2021278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1688794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	850040	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	707621	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	10.09	98	2715292	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
62) 4-Bromofluorobenzene	12.40	95	789157	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
Target Compounds						
16) Acetone	3.83	43	37683	3.289	ug/l	94
20) Methylene Chloride	4.55	84	109896	6.355	ug/l	98
25) 2-Butanone	6.85	43	12751	2.287	ug/l	98
95) Naphthalene	15.14	128	111399	7.962	ug/l	99

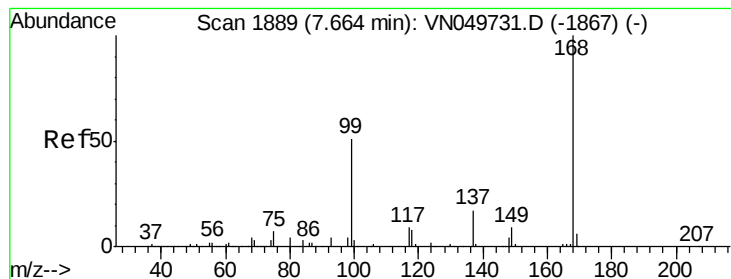
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049742.D

Acq: 6 Jul 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

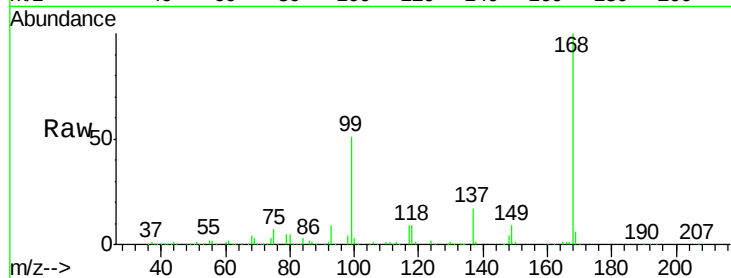
TP-8-D

Tot Ion:168 Resp: 1271609

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

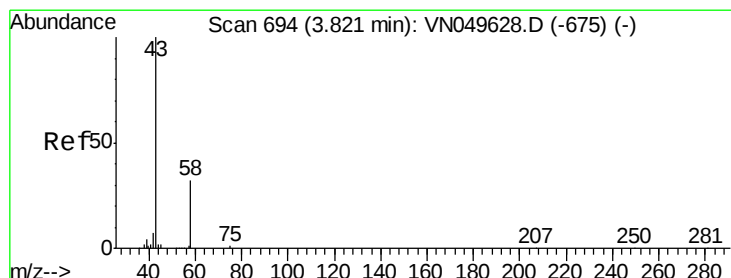
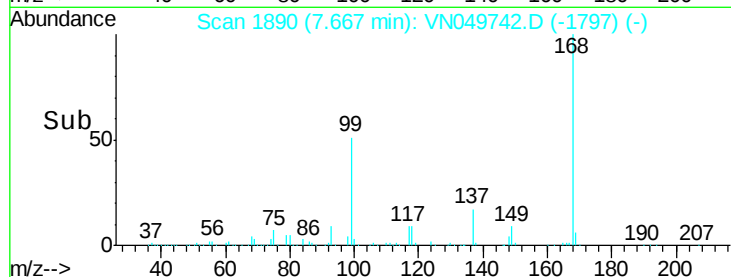
100000

0

7.67

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 3.289 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049742.D

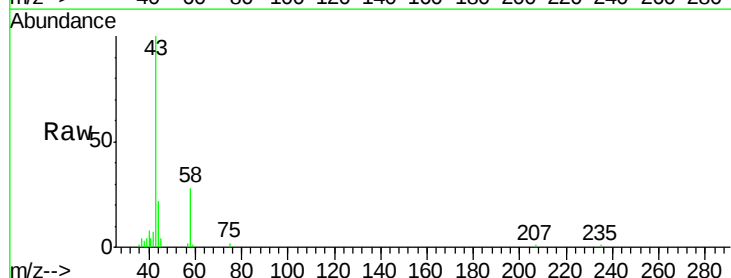
Acq: 6 Jul 2018 16:38

Tgt Ion: 43 Resp: 37683

Ion Ratio Lower Upper

43 100

58 29.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

15000

10000

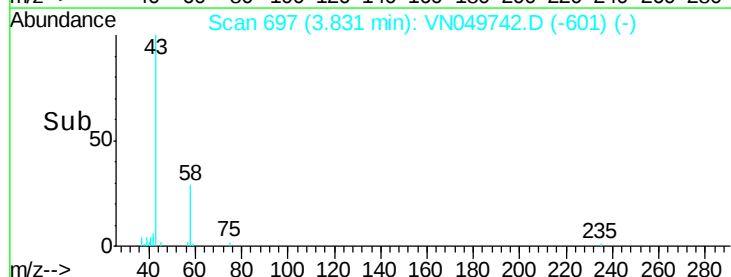
5000

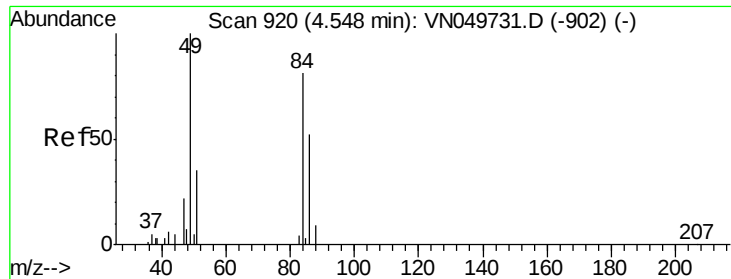
0

3.83

3.70 3.75 3.80 3.85 3.90

Time-->

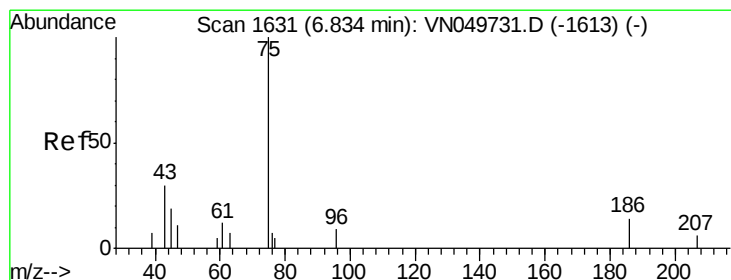
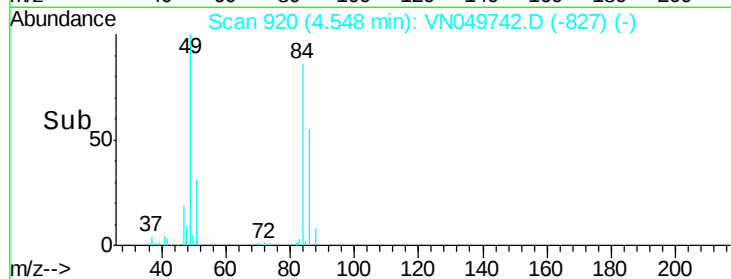
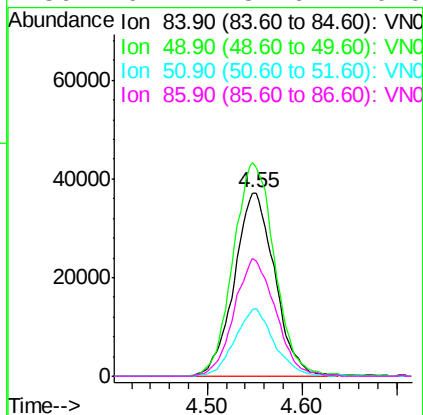
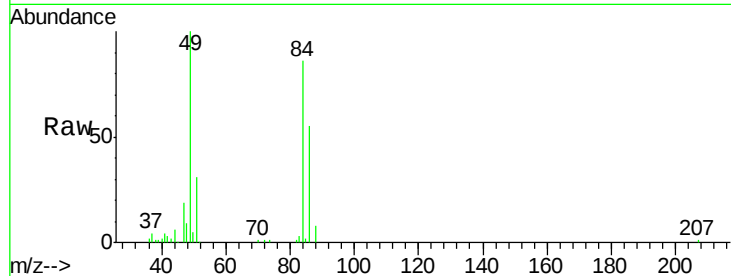




#20
Methvlene Chloride
Concen: 6.355 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049742.D
Acq: 6 Jul 2018 16:38

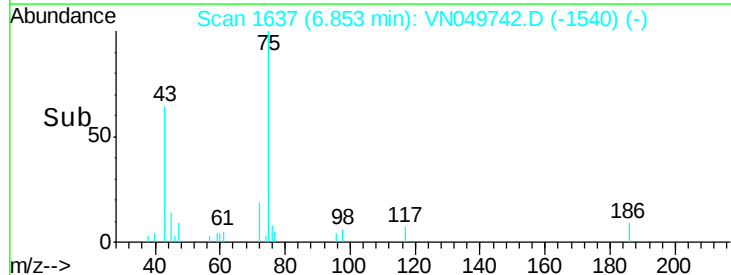
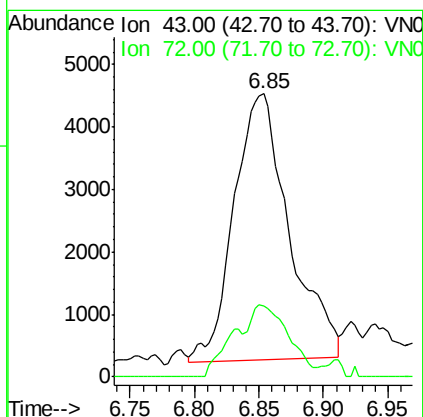
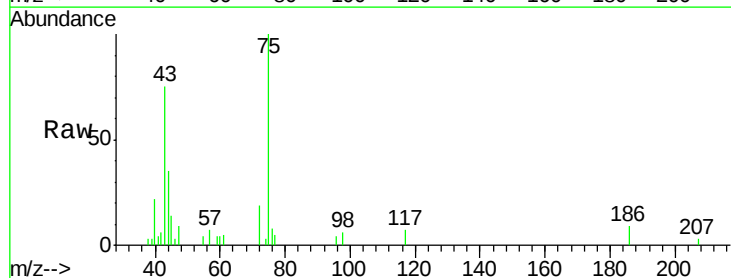
Instrument :
MSVOA_N
ClientSampleId :
TP-8-D

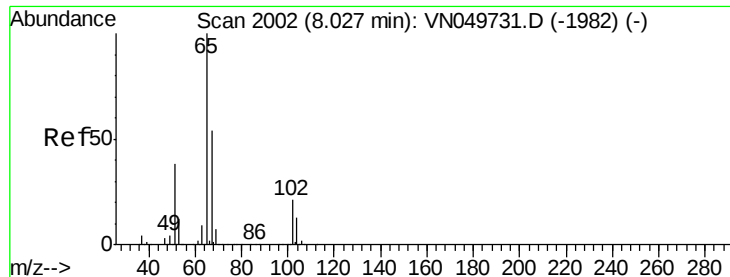
Tot Ion:	84	Resp:	109896
Ion	Ratio	Lower	Upper
84	100		
49	116.4	95.4	143.2
51	36.1	28.4	42.6
86	64.1	52.6	79.0



#25
2-Butanone
Concen: 2.287 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049742.D
Acq: 6 Jul 2018 16:38

Tgt Ion:	43	Resp:	12751
Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.1	33.1

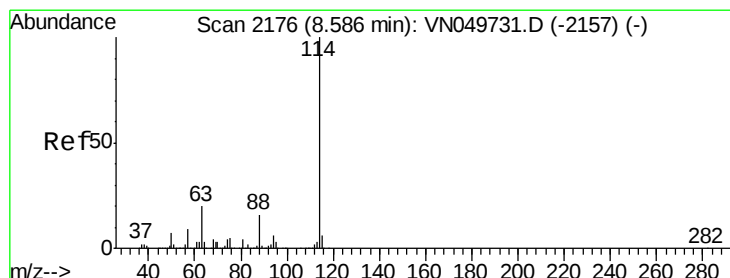
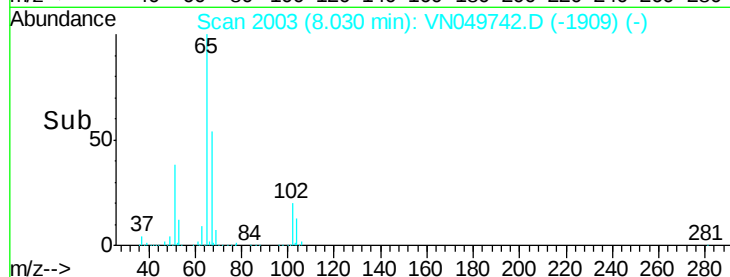
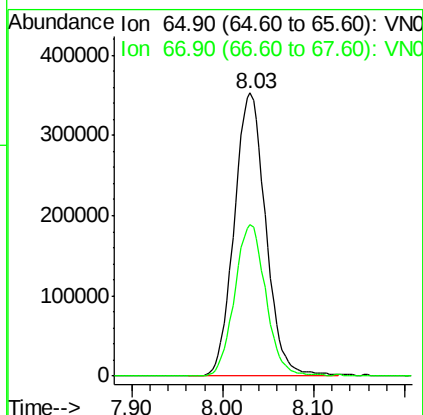
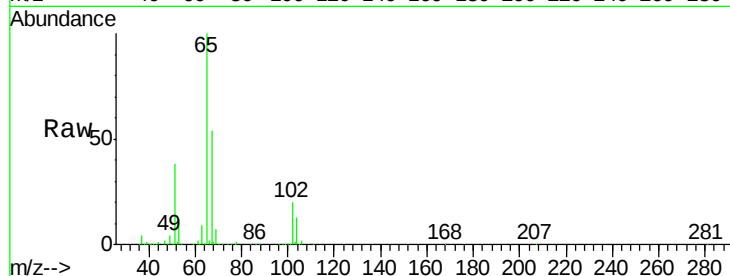




#33
 1,2-Dichloroethane-d4
 Concen: 50.619 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049742.D
 Acq: 6 Jul 2018 16:38

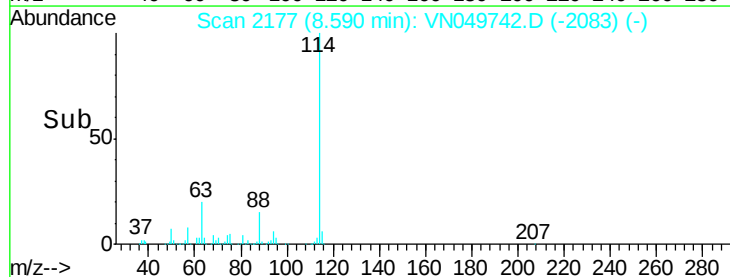
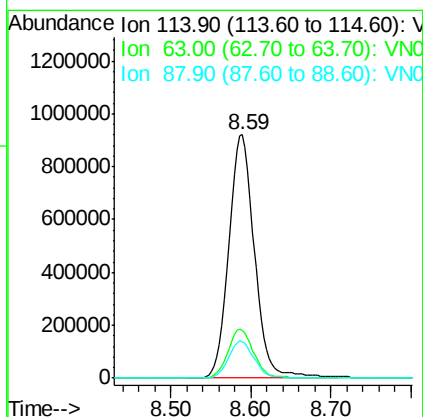
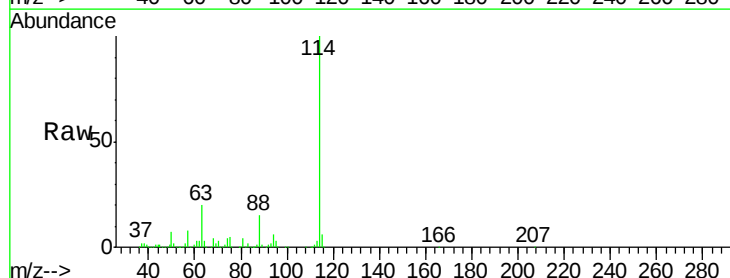
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

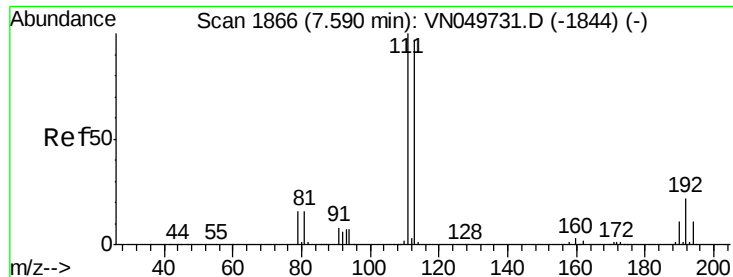
Tot Ion: 65 Resp: 850040
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049742.D
 Acq: 6 Jul 2018 16:38

Tgt Ion: 114 Resp: 2021278
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.0 0.0 30.6

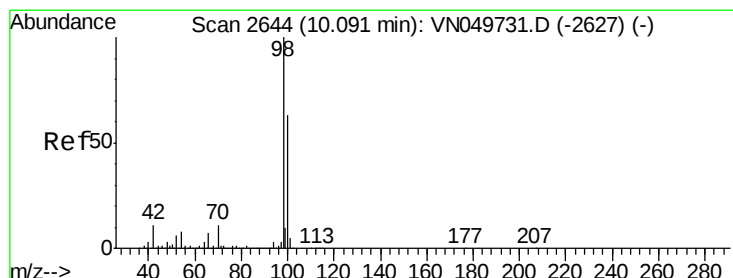
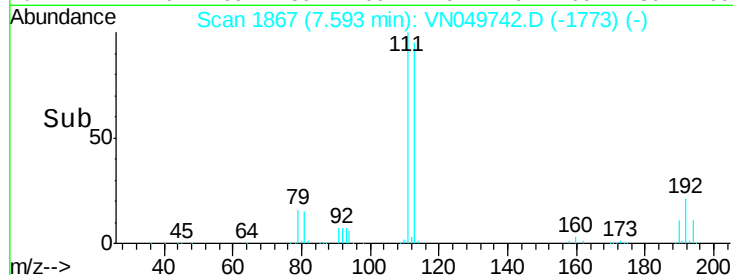
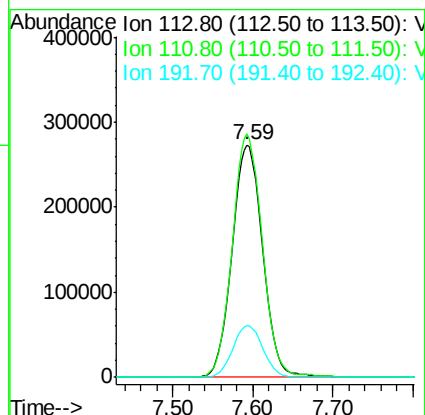
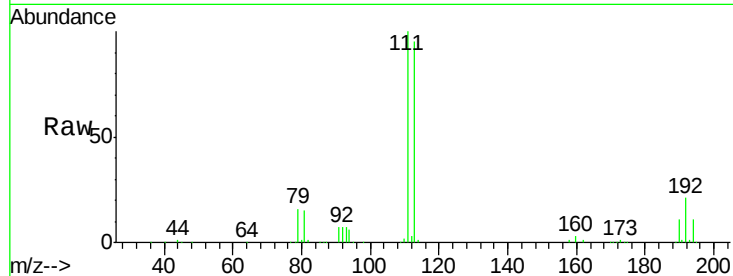




#35
Dibromofluoromethane
Concen: 46.828 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049742.D
Acq: 6 Jul 2018 16:38

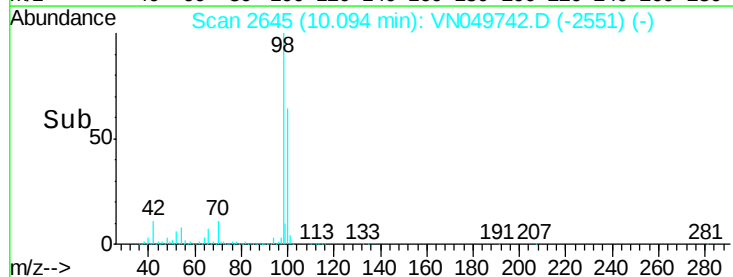
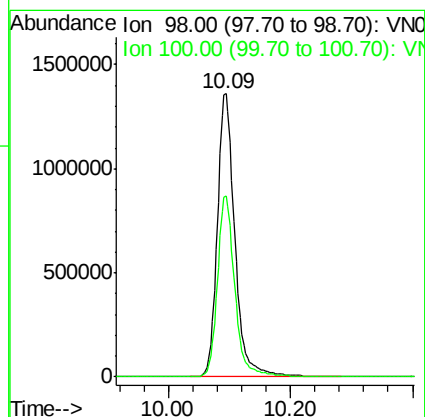
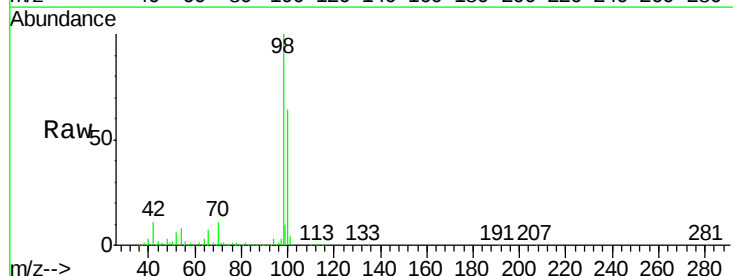
Instrument :
MSVOA_N
ClientSampleId :
TP-8-D

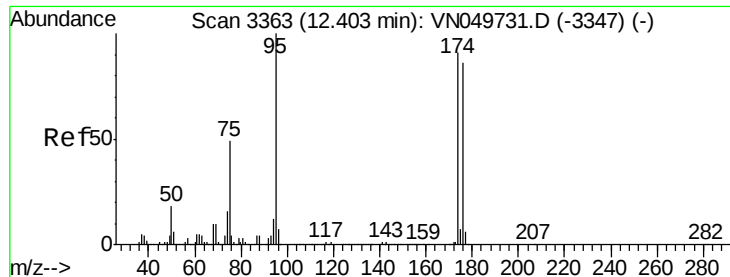
Tot Ion:113 Resp: 707621
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 22.0 17.8 26.6



#50
Toluene-d8
Concen: 45.907 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049742.D
Acq: 6 Jul 2018 16:38

Tgt Ion: 98 Resp: 2715292
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 39.079 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049742.D

Acq: 6 Jul 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

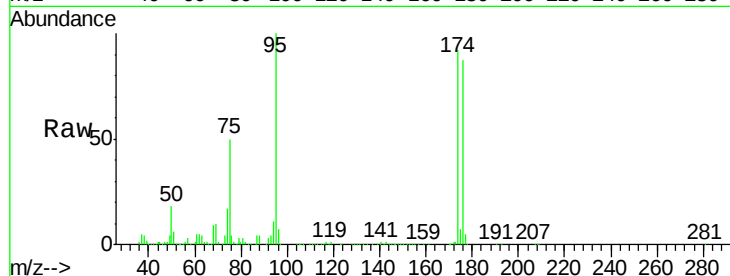
Tot Ion: 95 Resp: 789157

Ion Ratio Lower Upper

95 100

174 92.1 0.0 179.6

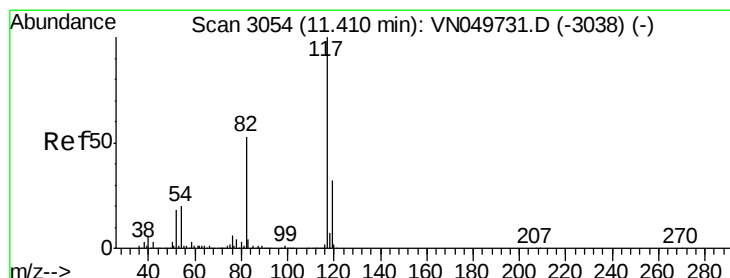
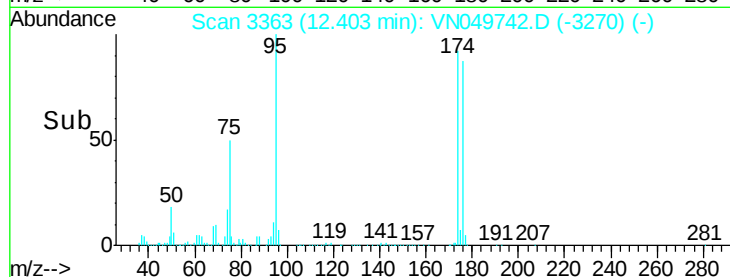
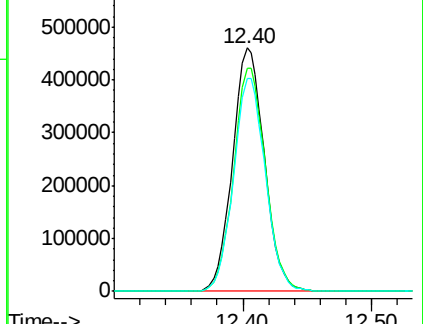
176 87.7 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049731.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049731.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049731.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049742.D

Acq: 6 Jul 2018 16:38

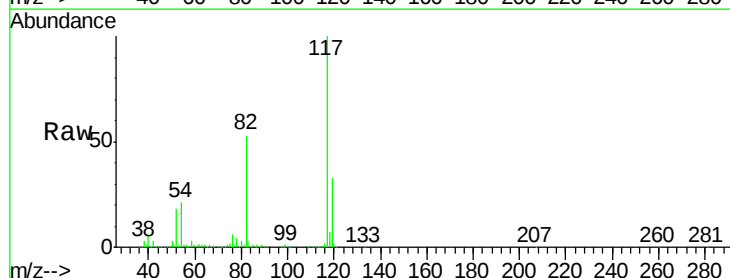
Tgt Ion: 117 Resp: 1688794

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

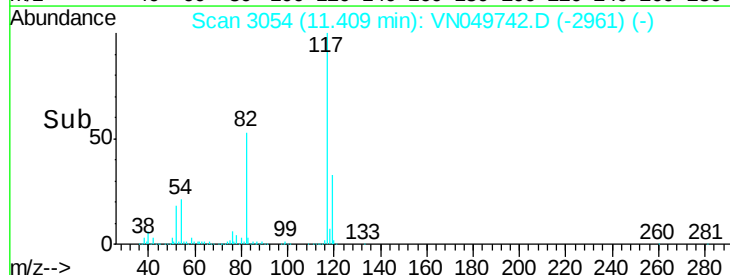
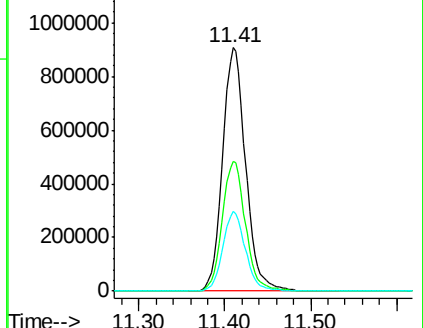
119 32.5 25.4 38.2

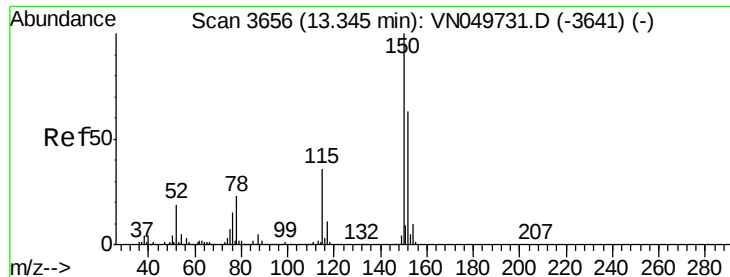


Abundance Ion 116.90 (116.60 to 117.60): VN049731.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049731.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049731.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049742.D

Acq: 6 Jul 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

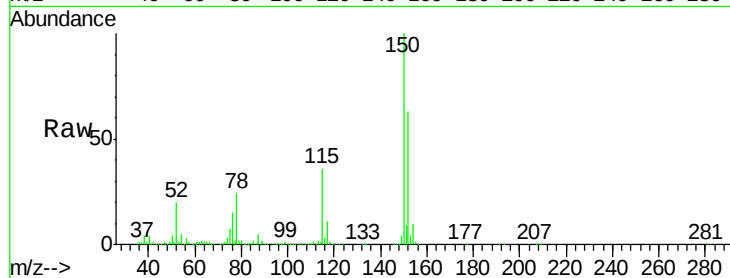
Tot Ion:152 Resp: 642927

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

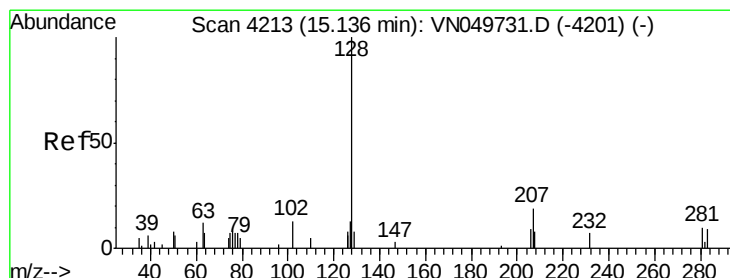
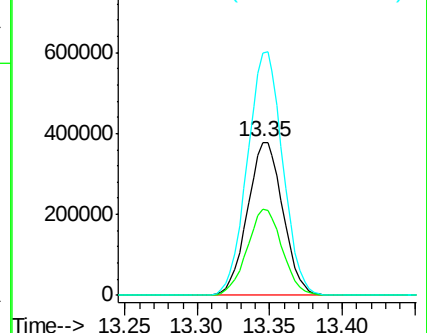
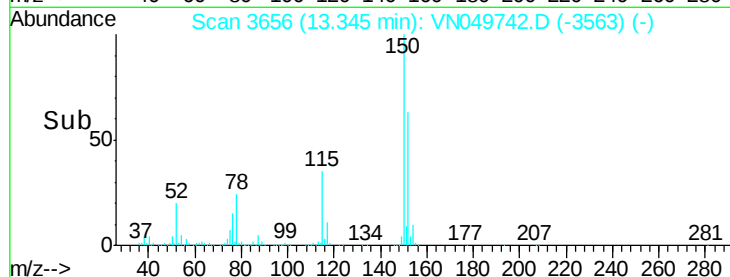
150 158.4 0.0 347.6



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: 7.962 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049742.D

Acq: 6 Jul 2018 16:38

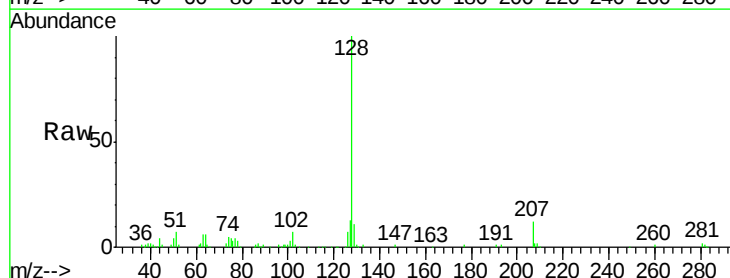
Tgt Ion:128 Resp: 111399

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.0 8.6 13.0



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

