

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049740.D
 Acq On : 6 Jul 2018 15:46
 Operator : MD\SY
 Sample : J3887-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-S

Quant Time: Jul 06 17:13:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

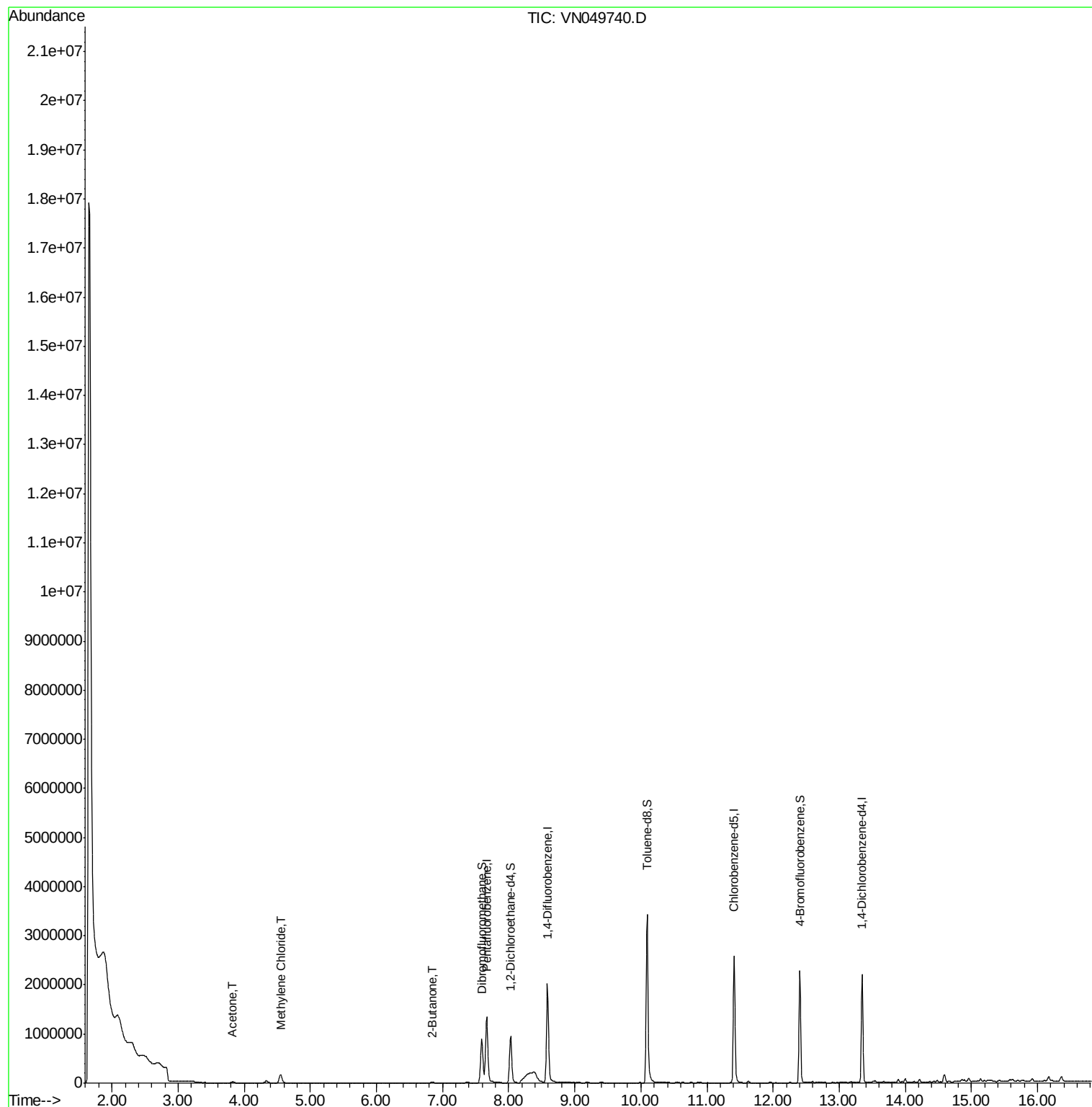
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1187488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1937732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1629248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	631261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	828301	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
35) Dibromofluoromethane	7.59	113	689100	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	2624016	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	12.40	95	758856	39.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.40%	
Target Compounds						
16) Acetone	3.83	43	39999	4.866	ug/l	96
20) Methylene Chloride	4.55	84	127500	7.896	ug/l	97
25) 2-Butanone	6.85	43	12416	2.385	ug/l	93

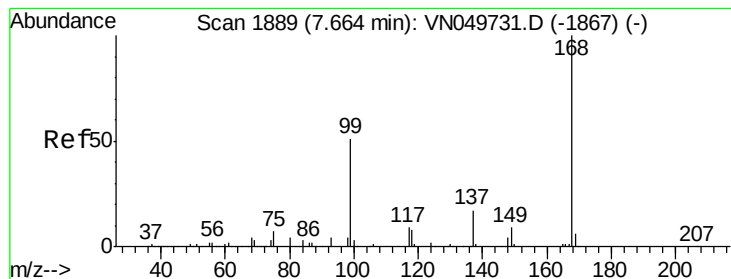
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070618\
Data File : VN049740.D
Acq On : 6 Jul 2018 15:46
Operator : MD\SY
Sample : J3887-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-8-S

Quant Time: Jul 06 17:13:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049740.D

Acq: 6 Jul 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

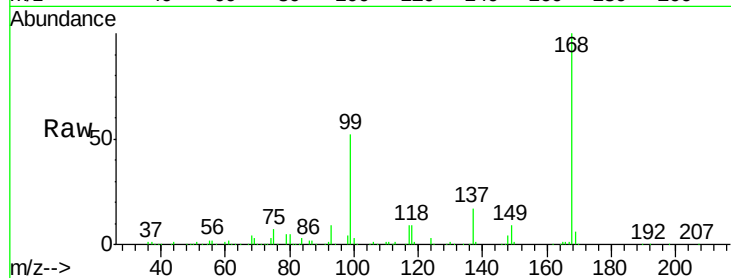
TP-8-S

Tot Ion:168 Resp: 1187488

Ion Ratio Lower Upper

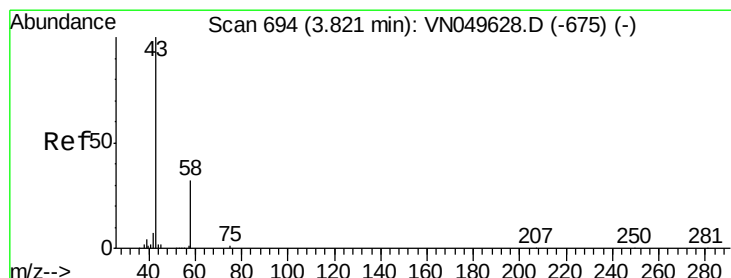
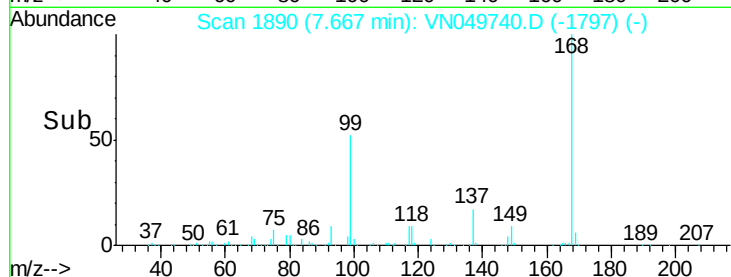
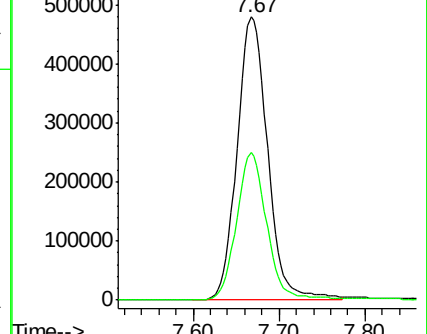
168 100

99 52.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 4.866 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049740.D

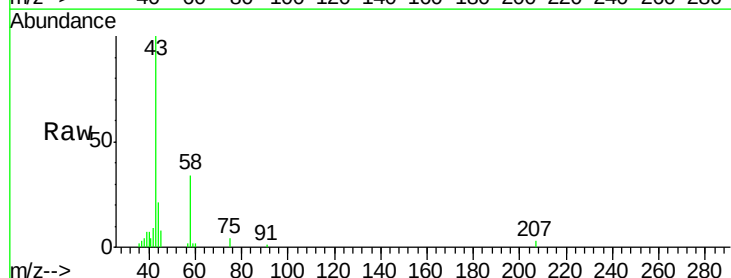
Acq: 6 Jul 2018 15:46

Tgt Ion: 43 Resp: 39999

Ion Ratio Lower Upper

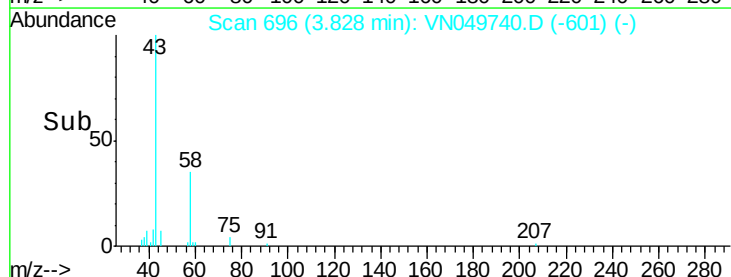
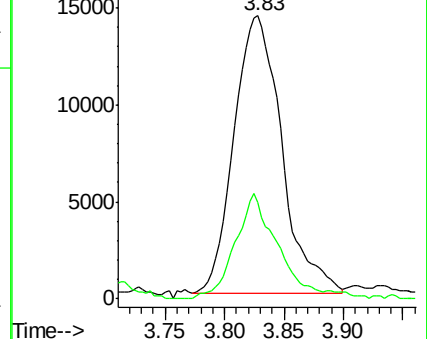
43 100

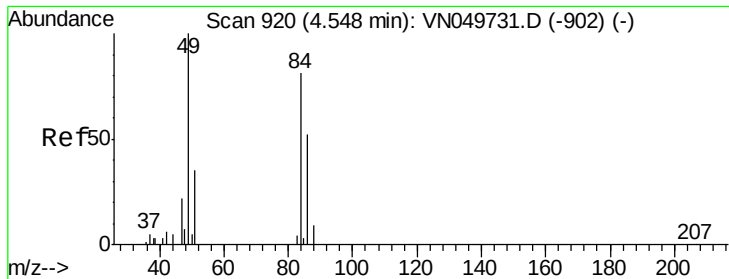
58 34.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 7.896 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049740.D

Acq: 6 Jul 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

Tot Ion: 84 Resp: 127500

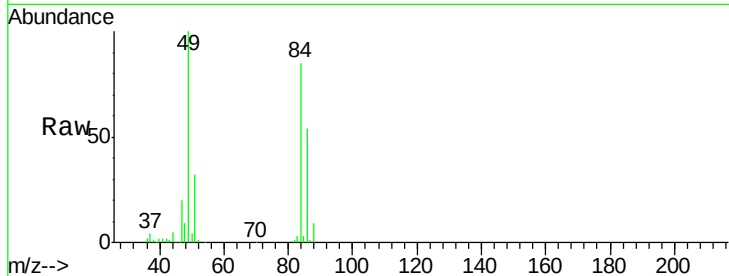
Ion Ratio Lower Upper

84 100

49 117.2 95.4 143.2

51 38.1 28.4 42.6

86 63.6 52.6 79.0

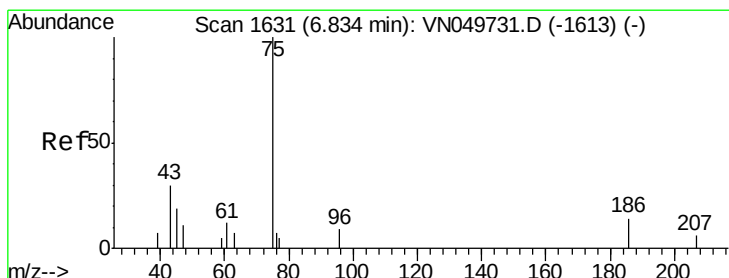
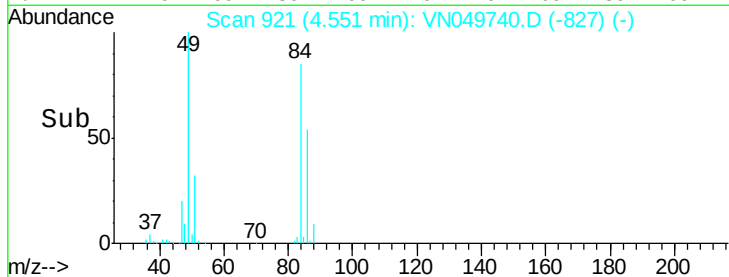
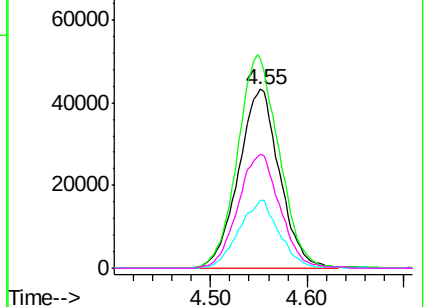


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.385 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049740.D

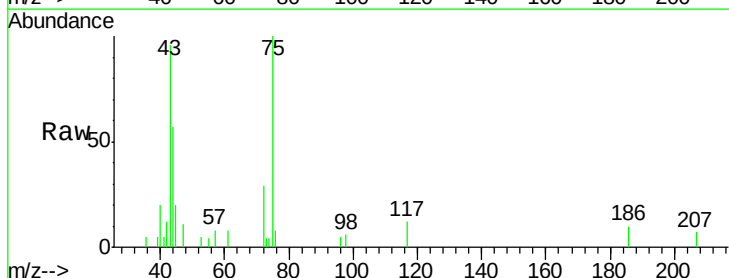
Acq: 6 Jul 2018 15:46

Tgt Ion: 43 Resp: 12416

Ion Ratio Lower Upper

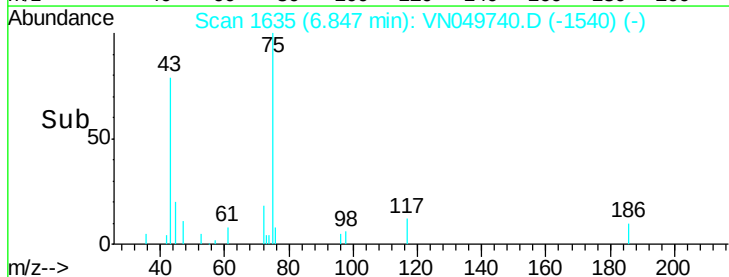
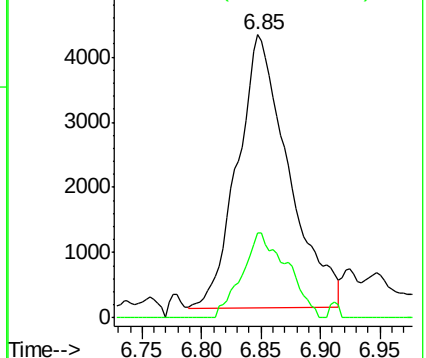
43 100

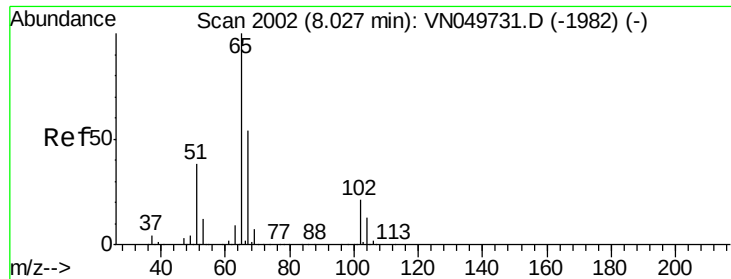
72 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

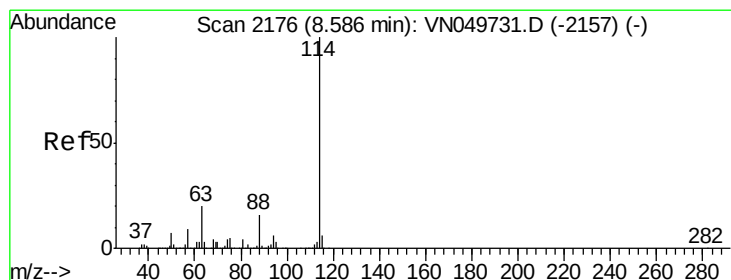
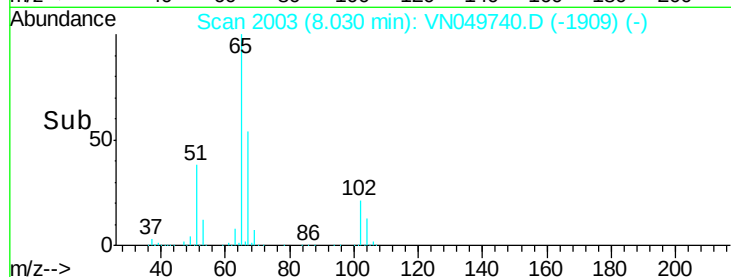
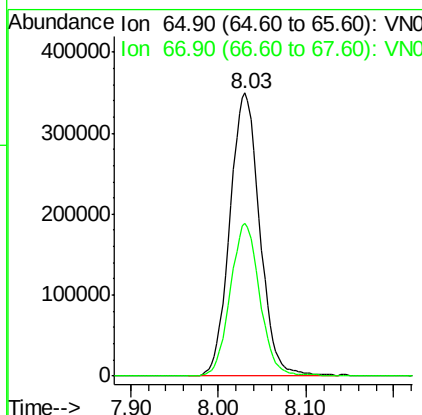
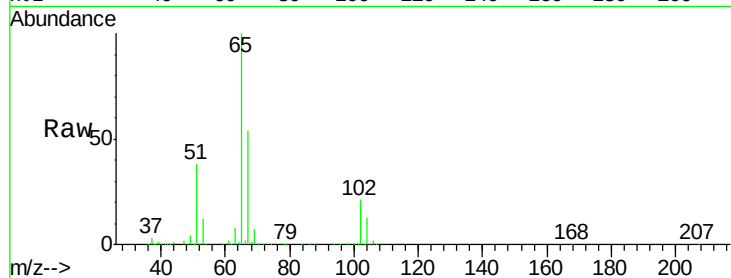




#33
 1,2-Dichloroethane-d4
 Concen: 52.819 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049740.D
 Acq: 6 Jul 2018 15:46

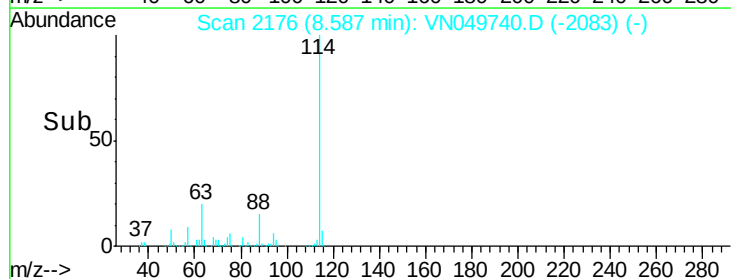
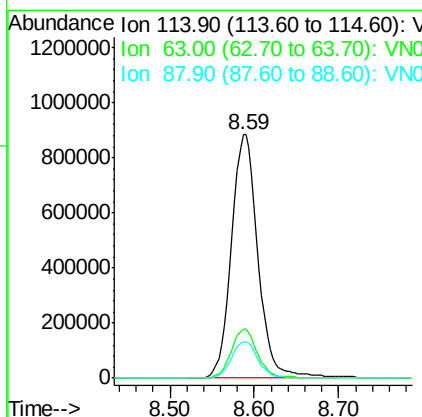
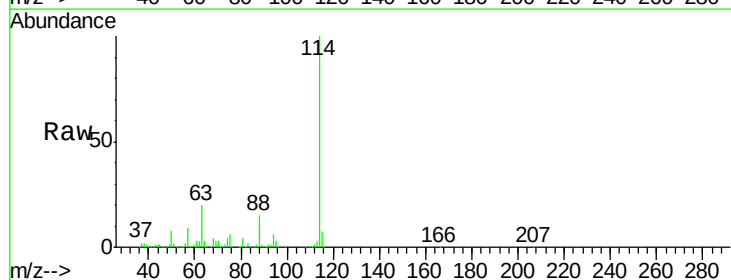
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-S

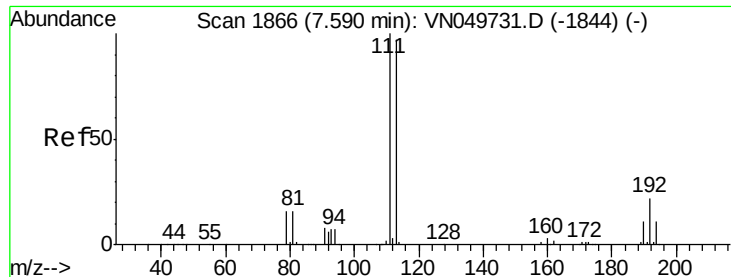
Tot Ion: 65 Resp: 828301
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049740.D
 Acq: 6 Jul 2018 15:46

Tgt Ion: 114 Resp: 1937732
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.568 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049740.D

Acq: 6 Jul 2018 15:46

Instrument :

MSVOA_N

ClientSampled :

TP-8-S

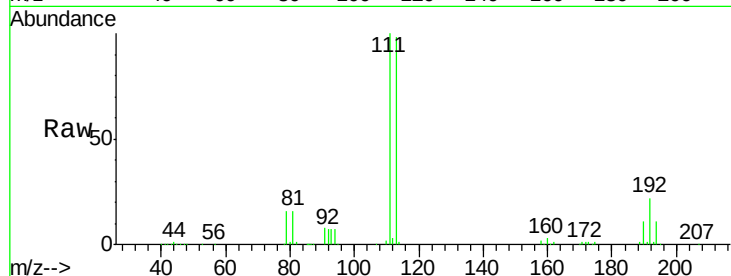
Tot Ion:113 Resp: 689100

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

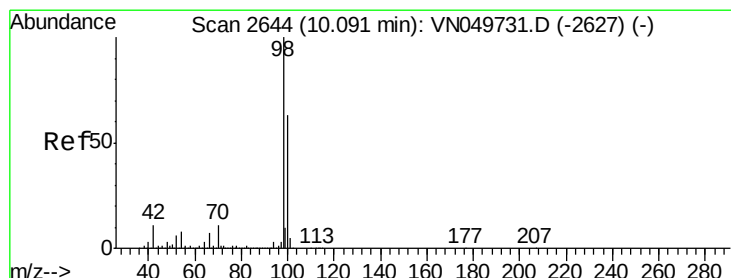
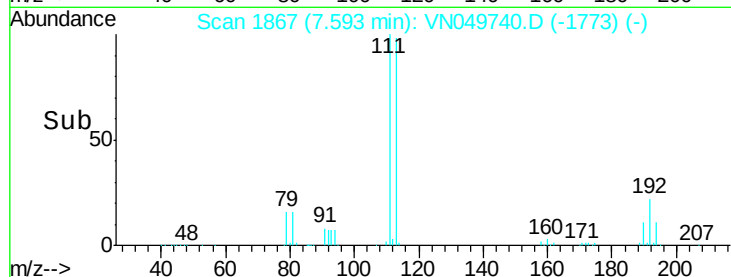
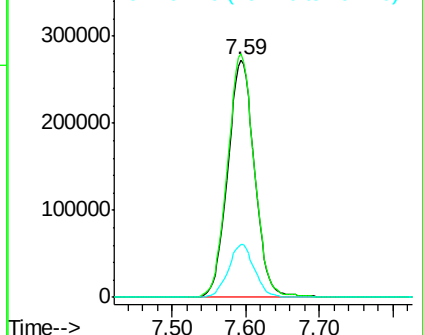
192 21.7 17.8 26.6



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: 46.276 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049740.D

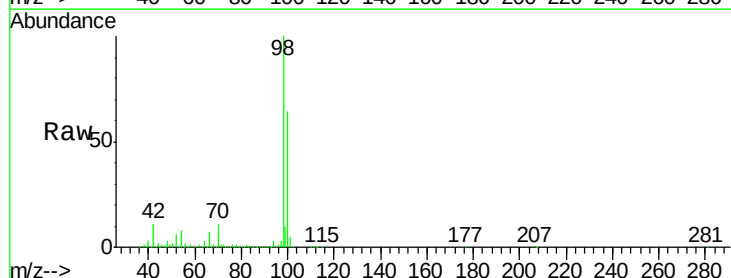
Acq: 6 Jul 2018 15:46

Tgt Ion: 98 Resp: 2624016

Ion Ratio Lower Upper

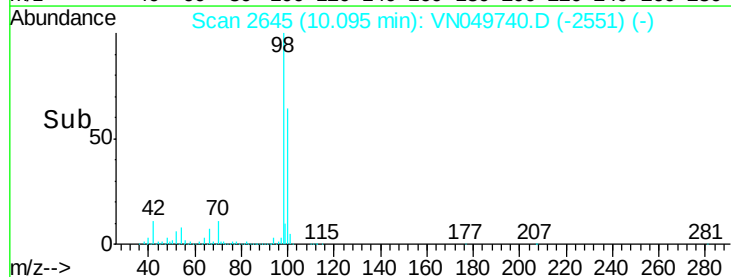
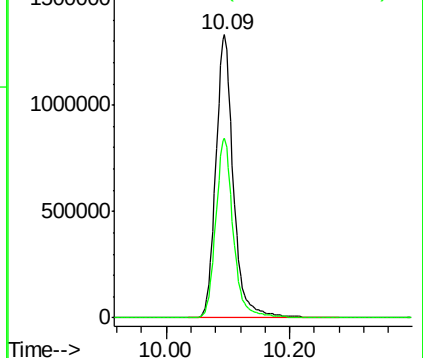
98 100

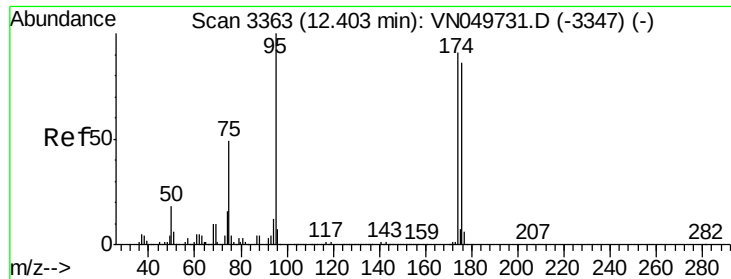
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 39.198 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049740.D

Acq: 6 Jul 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

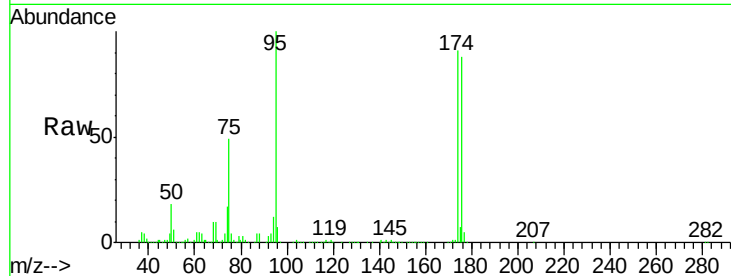
Tot Ion: 95 Resp: 758856

Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.6

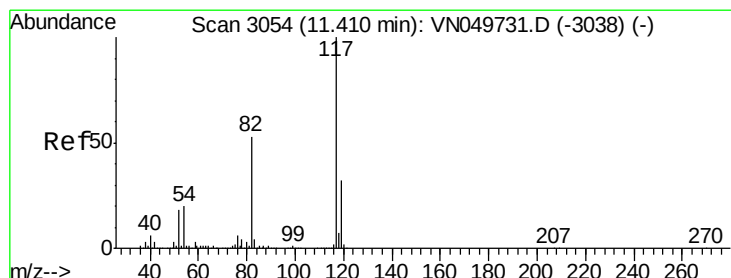
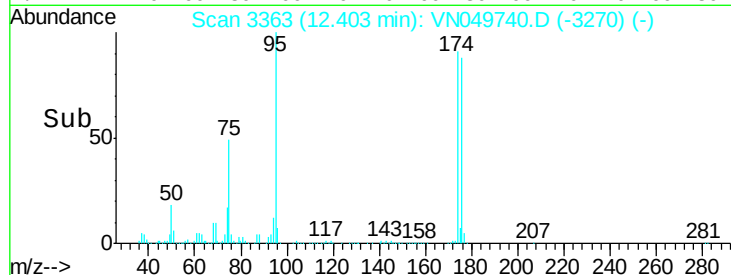
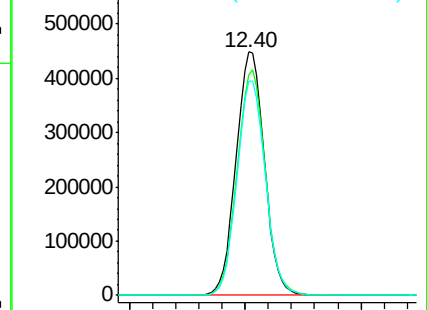
176 88.1 0.0 174.0



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: VN049740.D

Acq: 6 Jul 2018 15:46

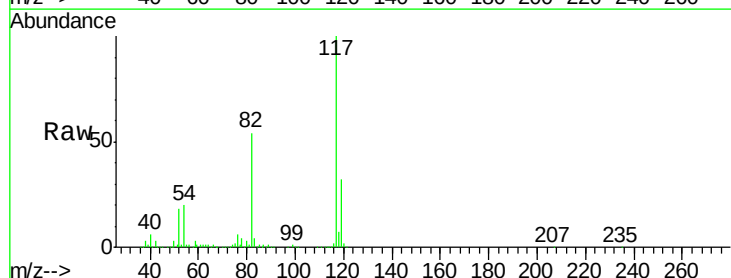
Tgt Ion: 117 Resp: 1629248

Ion Ratio Lower Upper

117 100

82 54.0 41.9 62.9

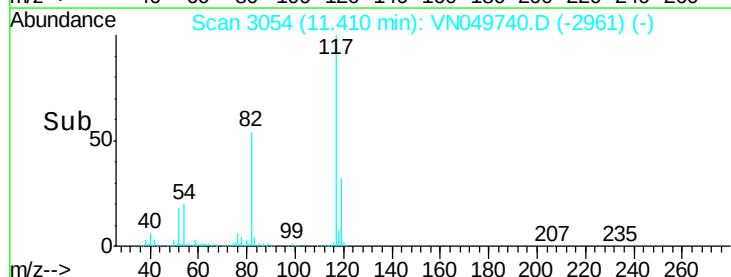
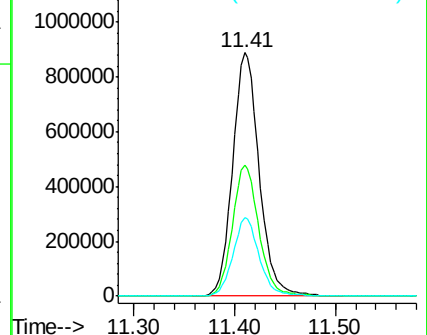
119 32.1 25.4 38.2

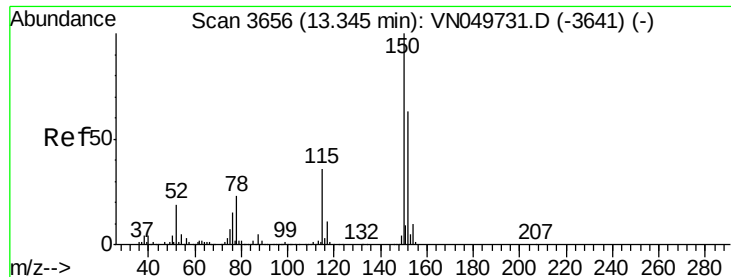


Abundance Ion 116.90 (116.60 to 117.60): VN049731.D (-3038) (-)

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# 3657

Delta R.T. 0.00 min

Lab File: VN049740.D

Acq: 6 Jul 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

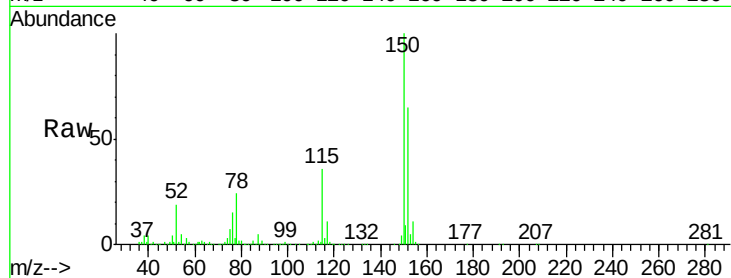
Tot Ion:152 Resp: 631261

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 155.9 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

