

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049752.D
 Acq On : 6 Jul 2018 20:57
 Operator : MD\SY
 Sample : J3869-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Quant Time: Jul 09 09:17:30 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

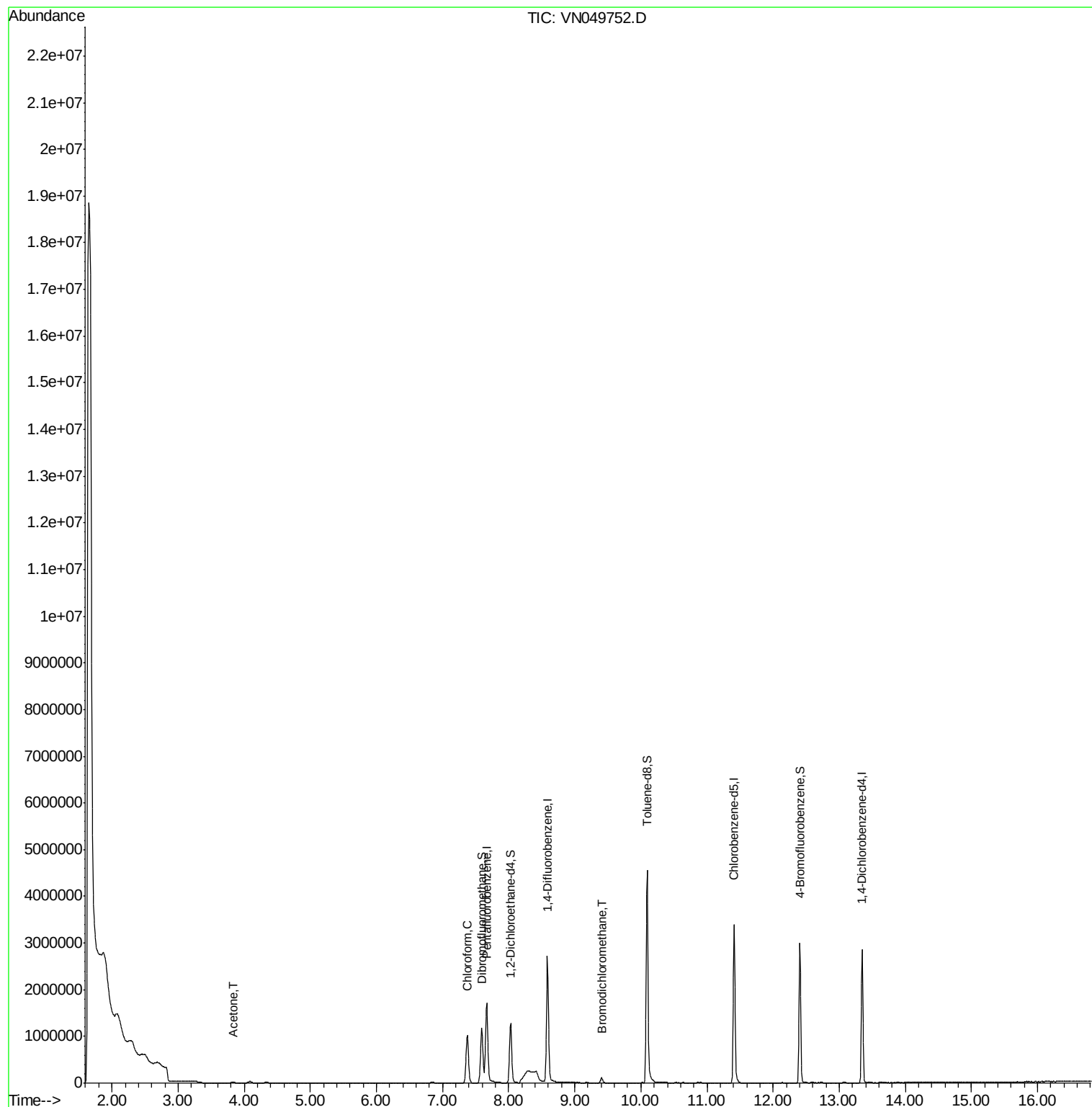
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1538221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2568097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2154050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	811157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1097856	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	7.59	113	896350	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	3451382	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.41	95	1021174	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
Target Compounds						
16) Acetone	3.83	43	38936	1.605	ug/l	100
30) Chloroform	7.37	83	1094601	30.357	ug/l	99
47) Bromodichloromethane	9.41	83	76950	2.621	ug/l	97

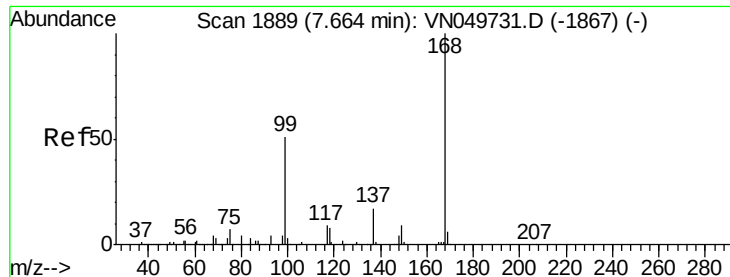
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049752.D

Acq: 6 Jul 2018 20:57

Instrument :

MSVOA_N

ClientSampled :

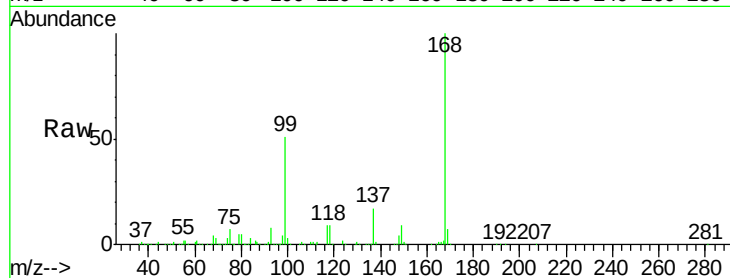
TW-2

Tot Ion:168 Resp: 1538221

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): VN0

7.67

600000

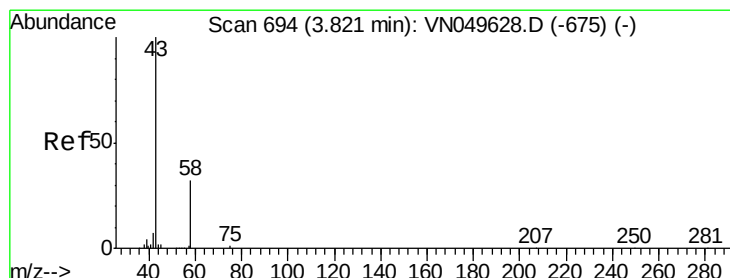
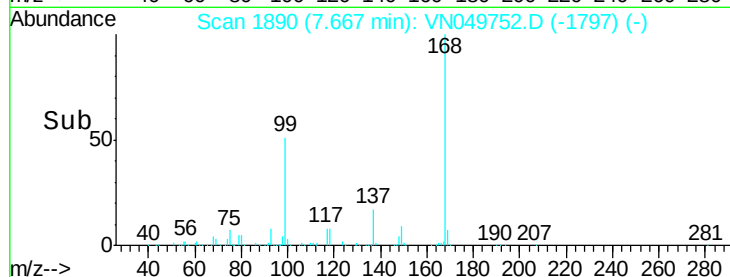
400000

200000

0

Time-->

7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.605 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049752.D

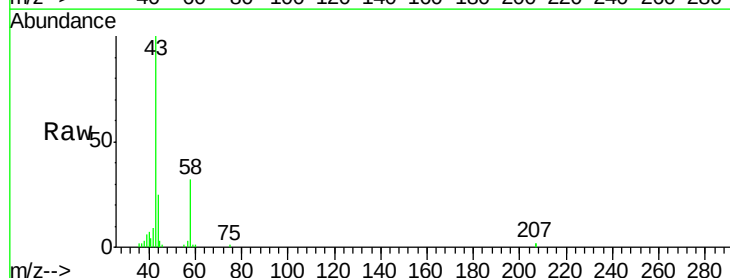
Acq: 6 Jul 2018 20:57

Tgt Ion: 43 Resp: 38936

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

15000

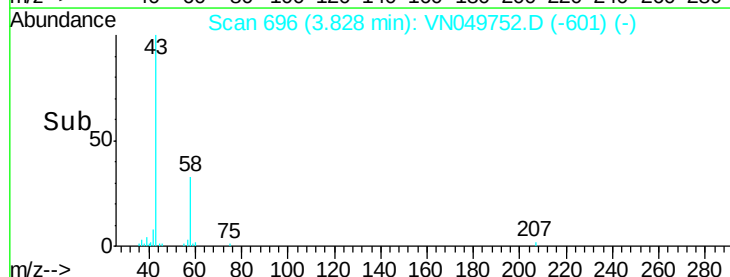
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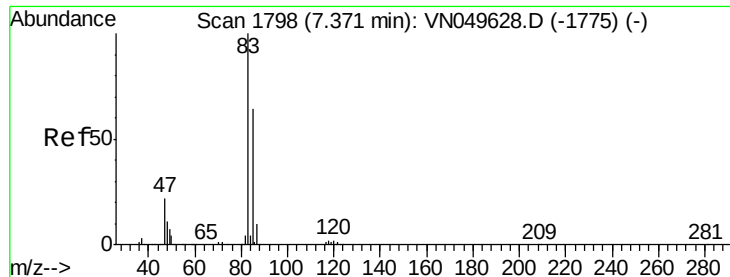
5000

0

Time-->

3.75 3.80 3.85 3.90

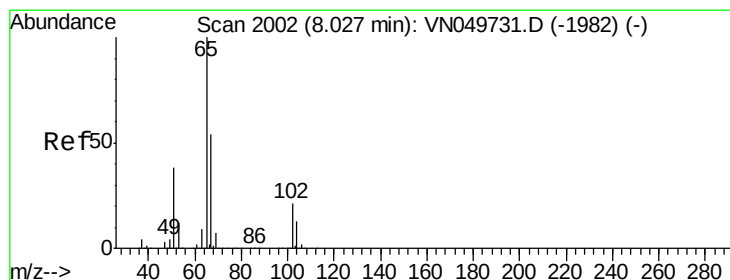
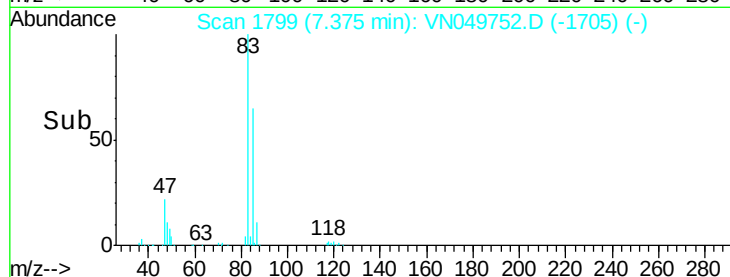
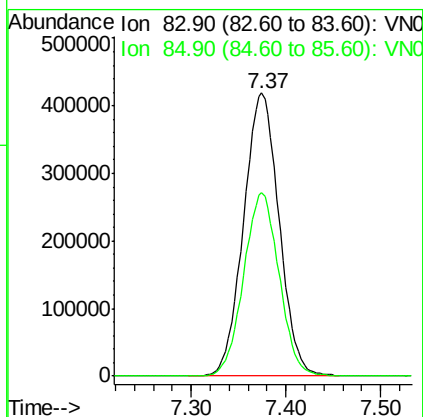
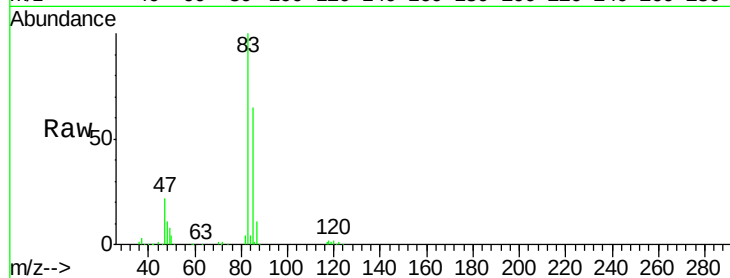




#30
Chloroform
Concen: 30.357 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049752.D
Acq: 6 Jul 2018 20:57

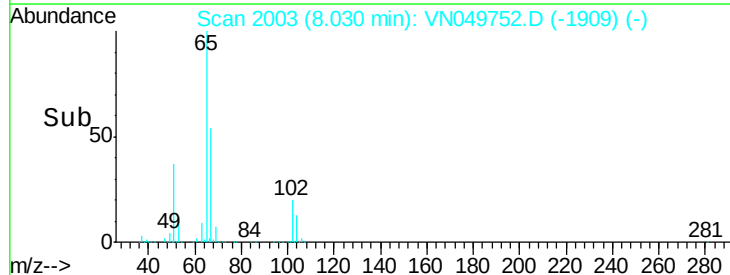
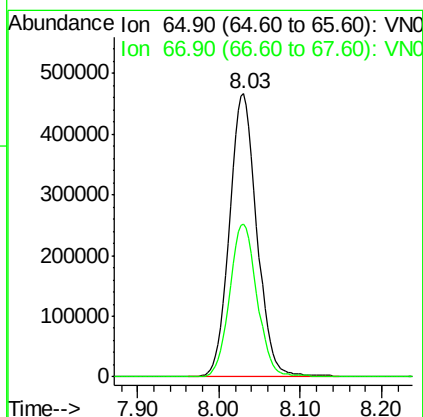
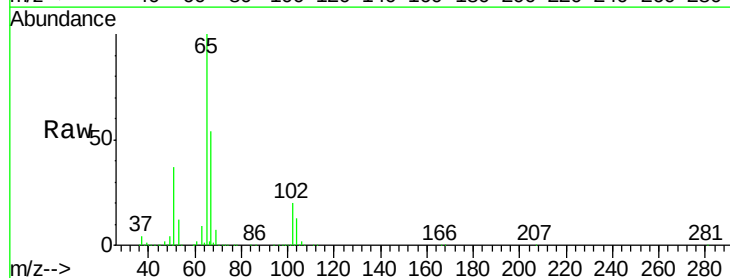
Instrument :
MSVOA_N
ClientSampleId :
TW-2

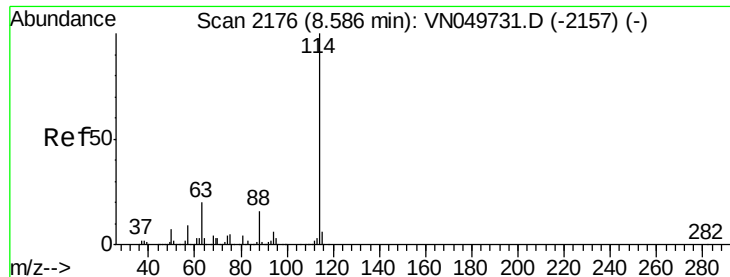
Tot Ion: 83 Resp: 1094601
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 54.045 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049752.D
Acq: 6 Jul 2018 20:57

Tgt Ion: 65 Resp: 1097856
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



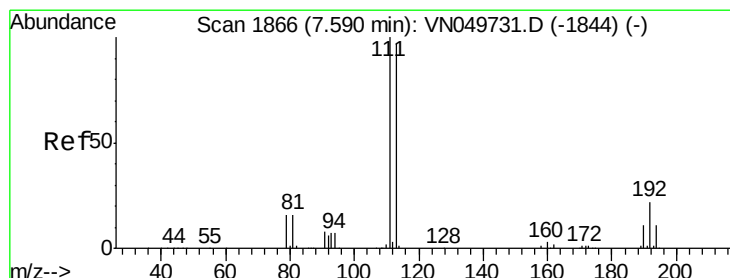
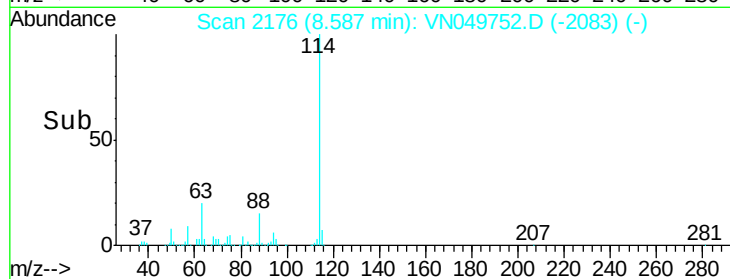
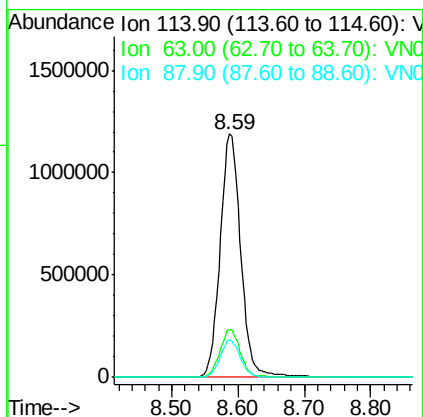
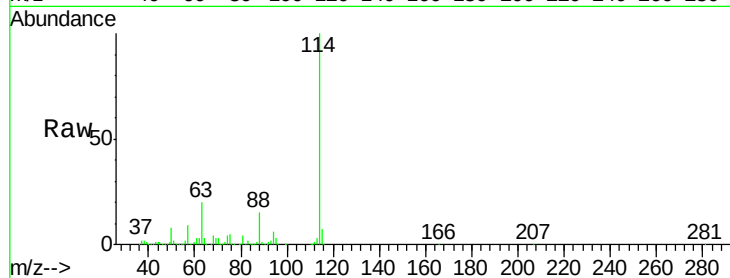


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049752.D
 Acq: 6 Jul 2018 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Tot Ion:114 Resp: 2568097

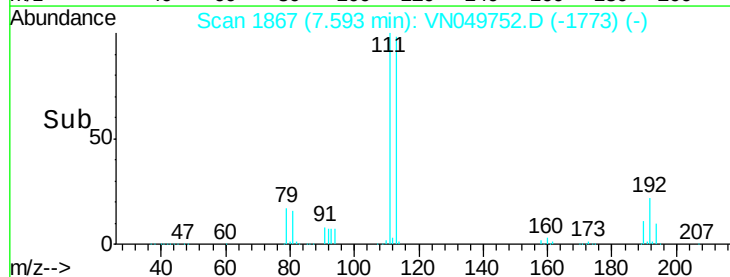
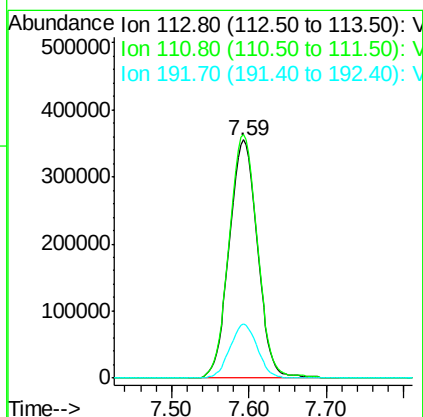
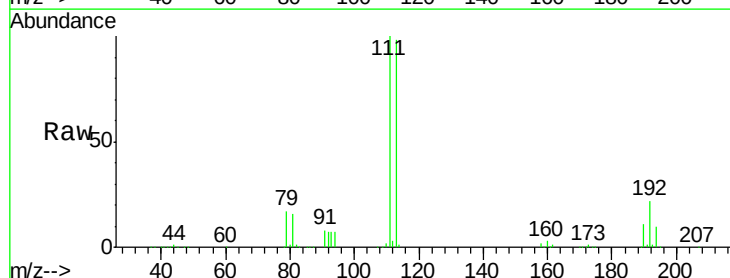
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.4	0.0	30.6

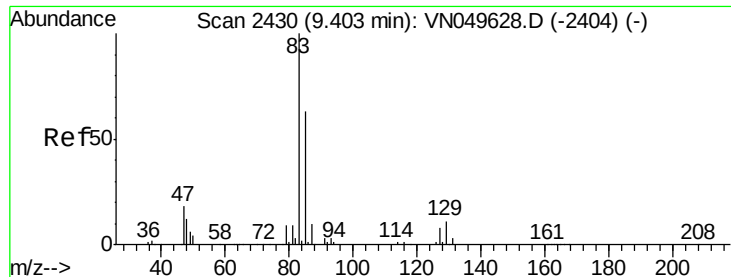


#35
 Dibromofluoromethane
 Concen: 46.687 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049752.D
 Acq: 6 Jul 2018 20:57

Tgt Ion:113 Resp: 896350

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	22.1	17.8	26.6





#47

Bromodichloromethane

Concen: 2.621 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049752.D

Acq: 6 Jul 2018 20:57

Instrument :

MSVOA_N

ClientSampleId :

TW-2

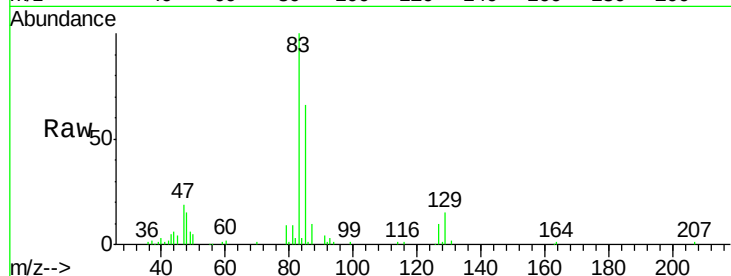
Tot Ion: 83 Resp: 76950

Ion Ratio Lower Upper

83 100

85 65.7 50.5 75.7

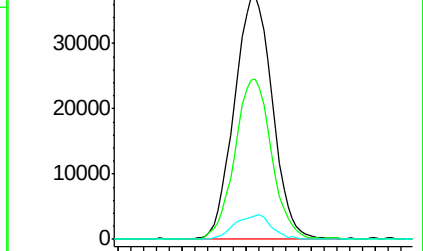
127 9.8 6.8 10.2



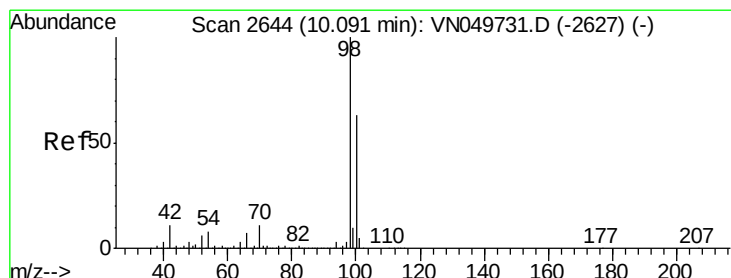
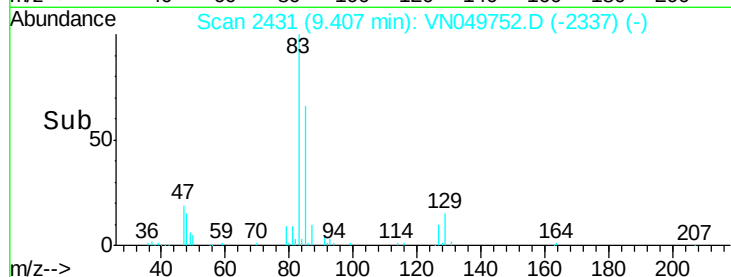
Abundance Ion 82.90 (82.60 to 83.60): VN049752.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049752.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049752.D (-2337) (-)



Time--> 9.30 9.35 9.40 9.45 9.50



#50

Toluene-d8

Concen: 45.927 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049752.D

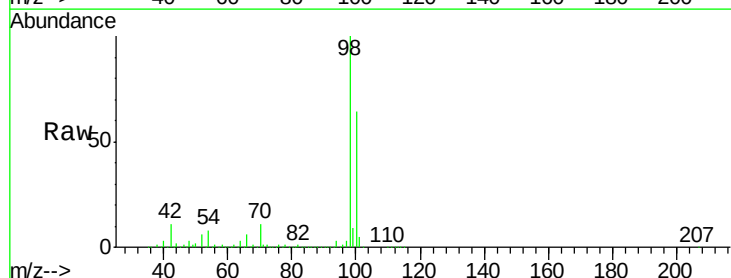
Acq: 6 Jul 2018 20:57

Tgt Ion: 98 Resp: 3451382

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049752.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049752.D (-2551) (-)

Ion 102.00 (101.70 to 102.70): VN049752.D (-2551) (-)

Ion 104.00 (103.70 to 104.70): VN049752.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VN049752.D (-2551) (-)

Ion 108.00 (107.70 to 108.70): VN049752.D (-2551) (-)

Ion 110.00 (109.70 to 110.70): VN049752.D (-2551) (-)

Ion 112.00 (111.70 to 112.70): VN049752.D (-2551) (-)

Ion 114.00 (113.70 to 114.70): VN049752.D (-2551) (-)

Ion 116.00 (115.70 to 116.70): VN049752.D (-2551) (-)

Ion 118.00 (117.70 to 118.70): VN049752.D (-2551) (-)

Ion 120.00 (119.70 to 120.70): VN049752.D (-2551) (-)

Ion 122.00 (121.70 to 122.70): VN049752.D (-2551) (-)

Ion 124.00 (123.70 to 124.70): VN049752.D (-2551) (-)

Ion 126.00 (125.70 to 126.70): VN049752.D (-2551) (-)

Ion 128.00 (127.70 to 128.70): VN049752.D (-2551) (-)

Ion 130.00 (129.70 to 130.70): VN049752.D (-2551) (-)

Ion 132.00 (131.70 to 132.70): VN049752.D (-2551) (-)

Ion 134.00 (133.70 to 134.70): VN049752.D (-2551) (-)

Ion 136.00 (135.70 to 136.70): VN049752.D (-2551) (-)

Ion 138.00 (137.70 to 138.70): VN049752.D (-2551) (-)

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Ion 142.00 (141.70 to 142.70): VN049752.D (-2551) (-)

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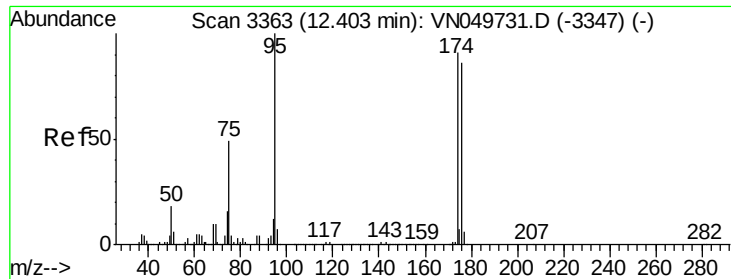
Ion 350.00 (349.70 to 350.70): VN049752.D (-2551) (-)

Ion 352.00 (351.70 to 352.70): VN049752.D (-2551) (-)

Ion 354.00 (353.70 to 354.70): VN049752.D (-2551) (-)

Ion 356.00 (355.70 to 356.70): VN049752.D (-2551) (-)

Ion 358.00 (357.70 to 358.70): VN049752.D (-2551) (-)



#62

4-Bromofluorobenzene

Concen: 39.801 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049752.D

Acq: 6 Jul 2018 20:57

Instrument :

MSVOA_N

ClientSampled :

TW-2

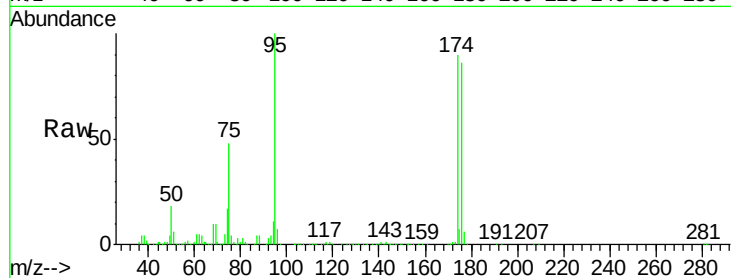
Tot Ion: 95 Resp: 1021174

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

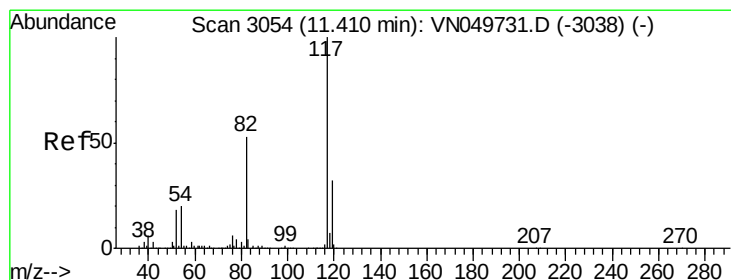
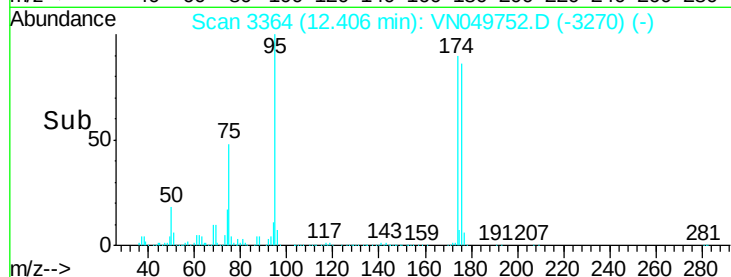
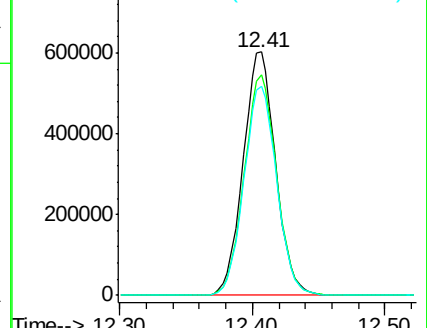
176 86.6 0.0 174.0



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: VN049752.D

Acq: 6 Jul 2018 20:57

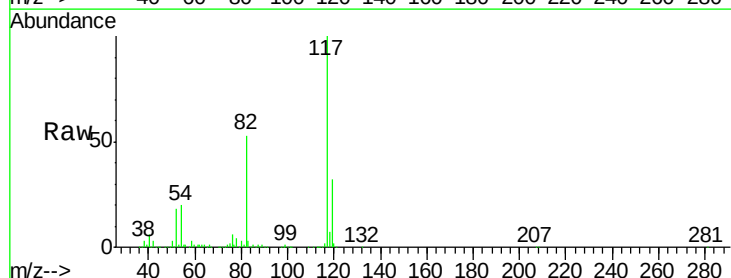
Tgt Ion: 117 Resp: 2154050

Ion Ratio Lower Upper

117 100

82 53.4 41.9 62.9

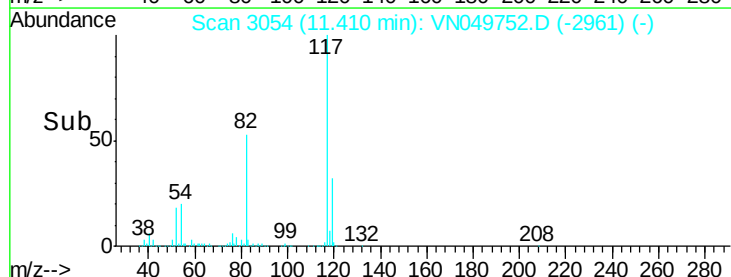
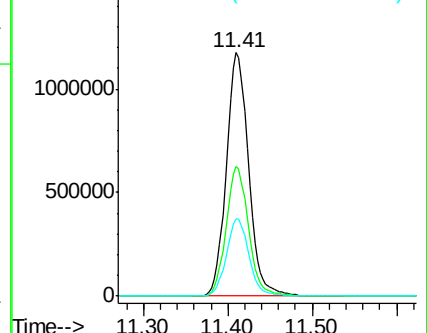
119 31.7 25.4 38.2

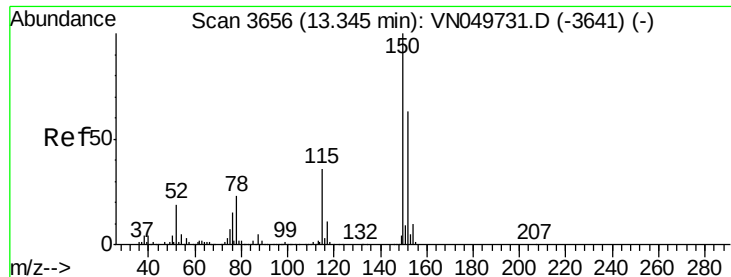


Abundance Ion 116.90 (116.60 to 117.60): VN049731.D (-3038) (-)

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

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



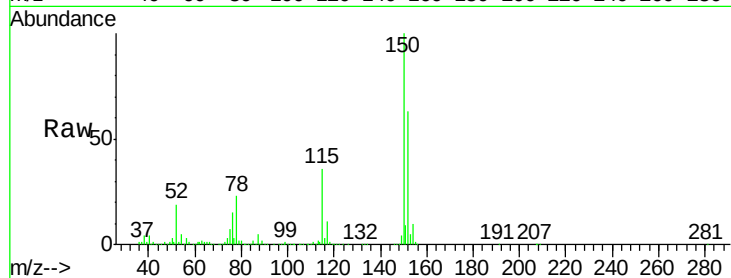


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049752.D
 Acq: 6 Jul 2018 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.1	84.2
150	157.6	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

