

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049443.D
 Acq On : 20 Jun 2018 18:21
 Operator : MD\SY
 Sample : J3581-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SSP-B-COMPOSITE

Quant Time: Jun 21 02:12:48 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

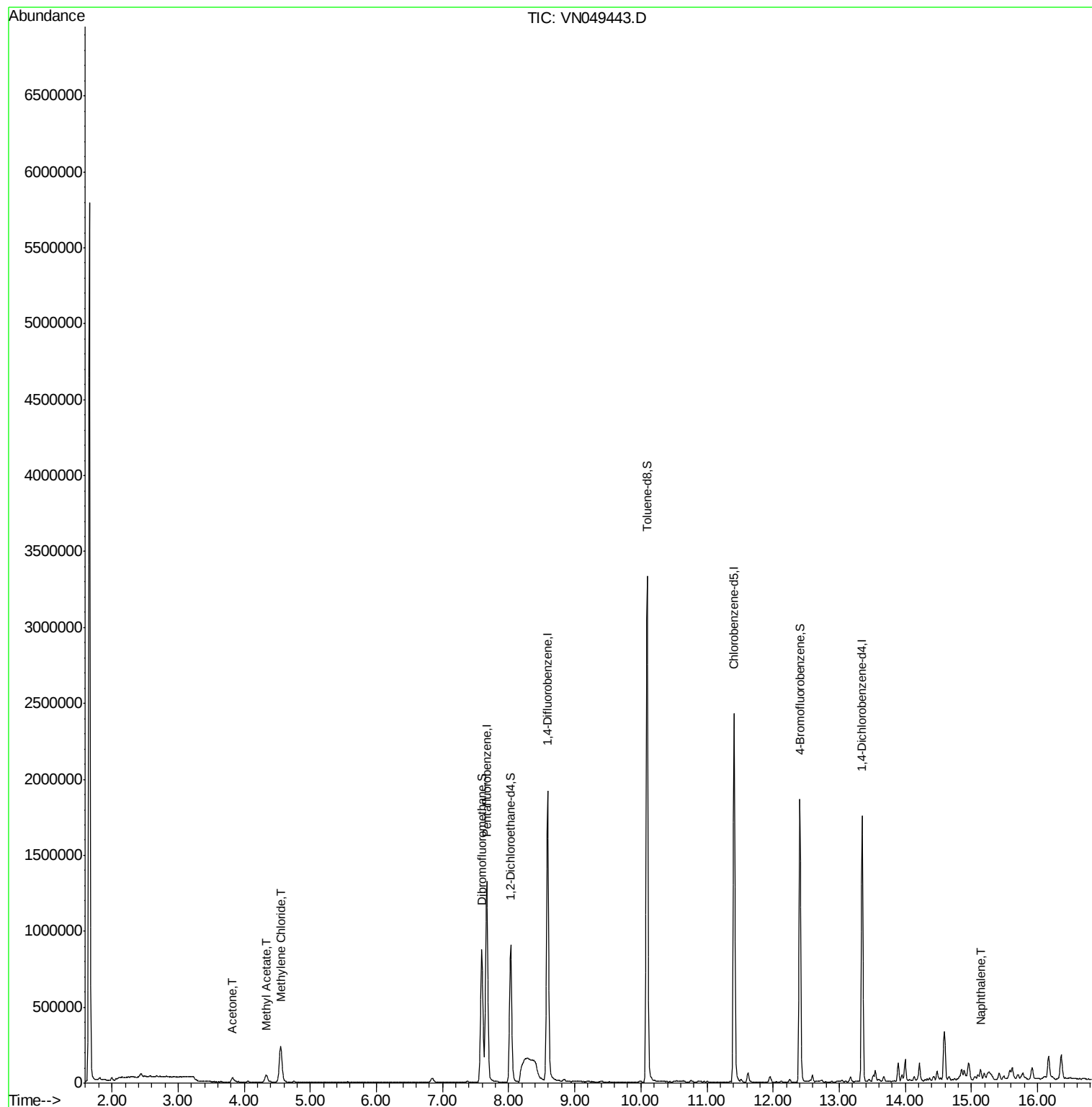
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1142351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1802763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1477125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	504886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	774573	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.59	113	679486	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	10.09	98	2432231	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.40	95	649679	35.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.76%	
Target Compounds						
16) Acetone	3.82	43	45537	12.38	ug/l	96
18) Methyl Acetate	4.33	43	90325	8.05	ug/l	95
20) Methylene Chloride	4.55	84	176459	11.48	ug/l	89
95) Naphthalene	15.14	128	62020	6.46	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049443.D

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Instrument :

MSVOA_N

ClientSampleId :

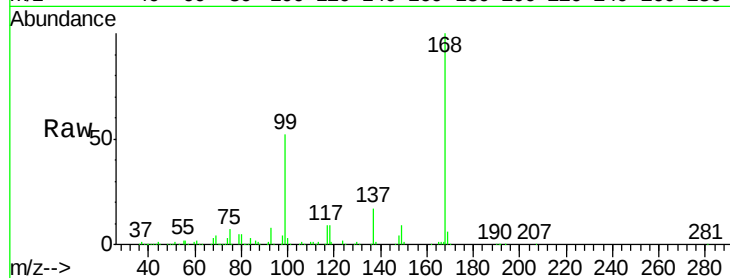
SSP-B-COMPOSITE

Tot Ion:168 Resp: 1142351

Ion Ratio Lower Upper

168 100

99 52.3 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

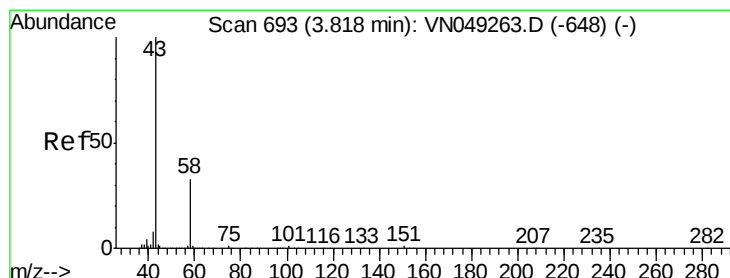
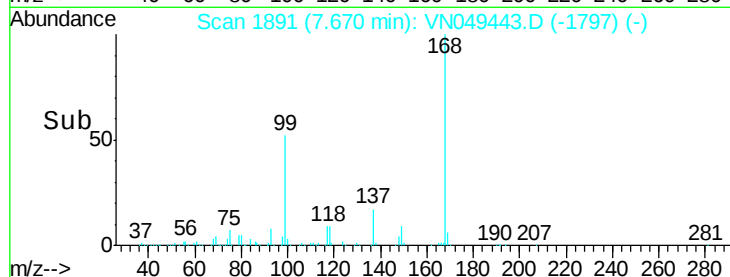
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.38 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049443.D

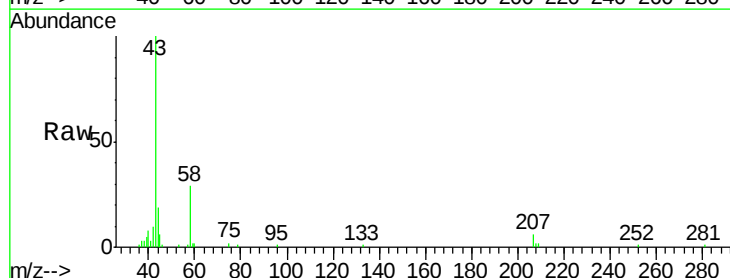
Acq: 20 Jun 2018 18:21

Tgt Ion: 43 Resp: 45537

Ion Ratio Lower Upper

43 100

58 30.0 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

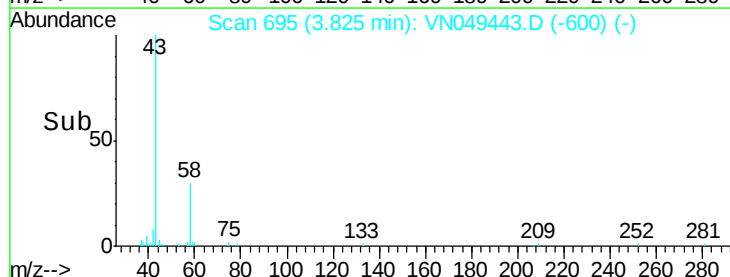
10000

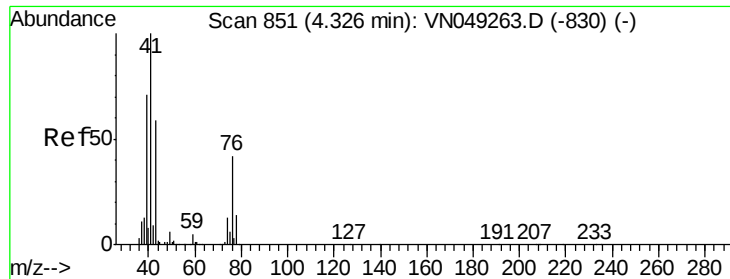
5000

0

3.75 3.80 3.85 3.90

Time-->

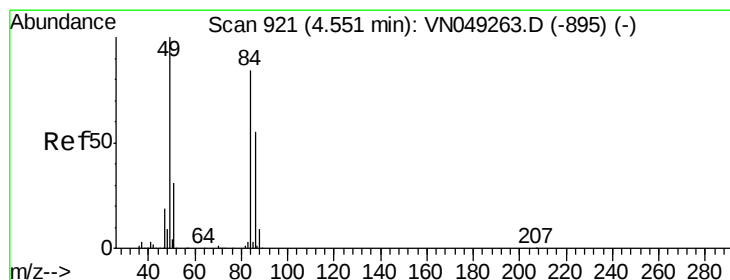
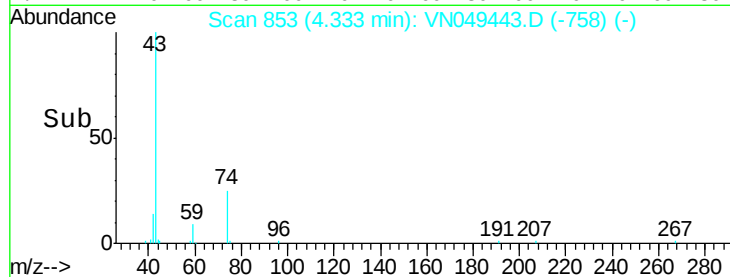
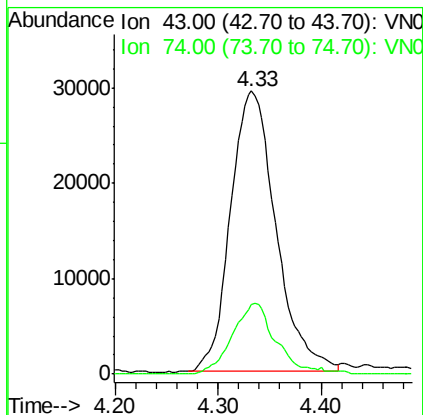
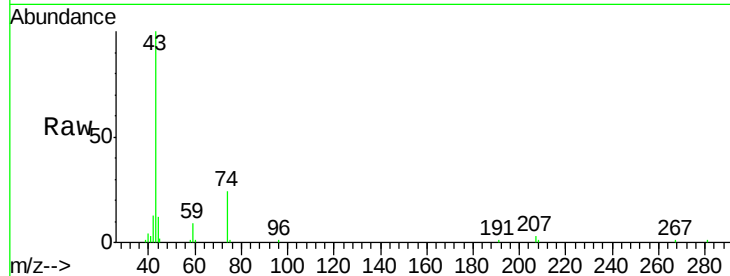




#18
Methvl Acetate
Concen: 8.05 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049443.D
Acq: 20 Jun 2018 18:21

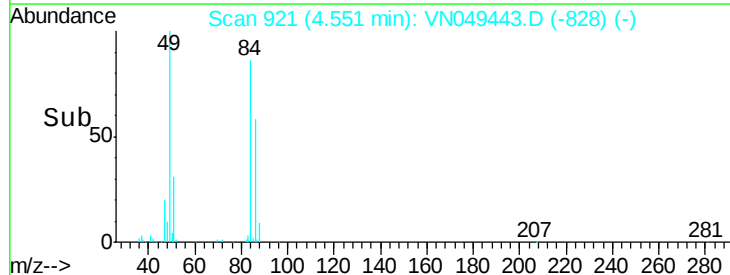
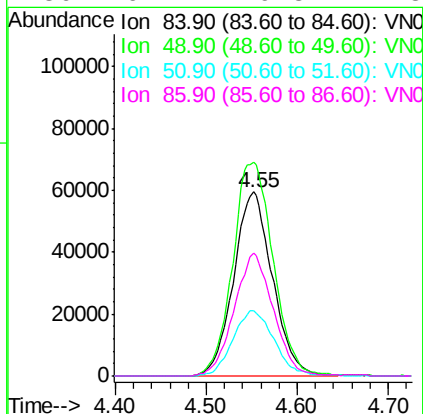
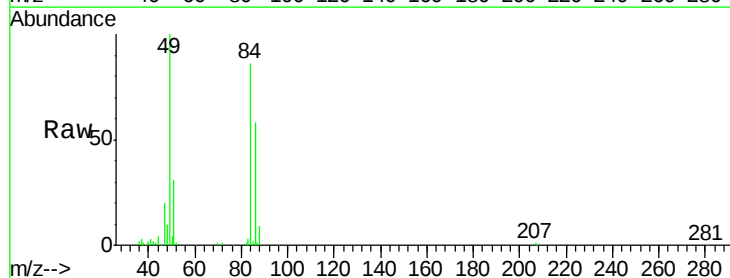
Instrument :
MSVOA_N
ClientSampleId :
SSP-B-COMPOSITE

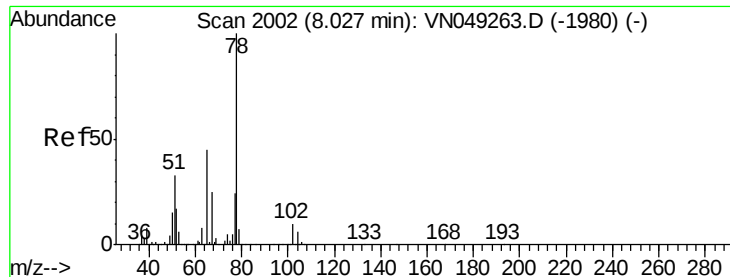
Tot Ion: 43 Resp: 90325
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#20
Methylene Chloride
Concen: 11.48 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049443.D
Acq: 20 Jun 2018 18:21

Tgt Ion: 84 Resp: 176459
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 35.7 32.7 49.1
86 67.2 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.12 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049443.D

Acq: 20 Jun 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

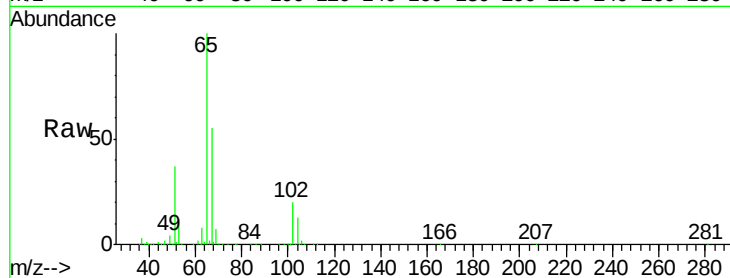
SSP-B-COMPOSITE

Tot Ion: 65 Resp: 774573

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049443.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049443.D (-1980) (-)

8.03

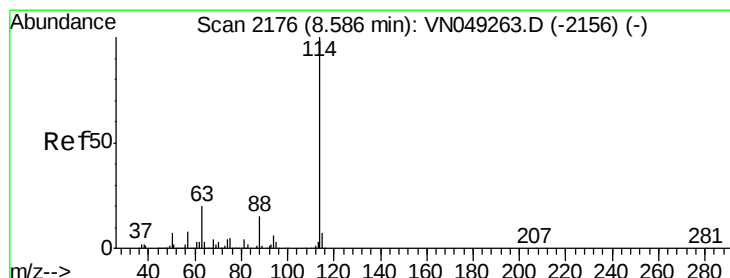
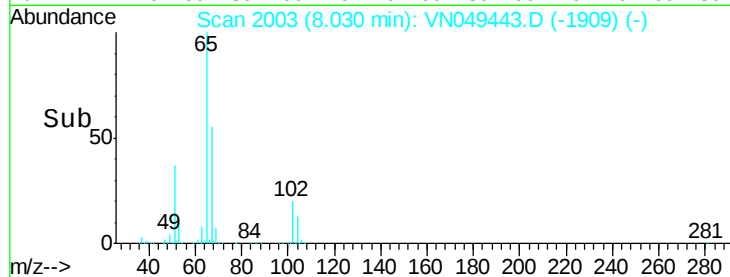
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049443.D

Acq: 20 Jun 2018 18:21

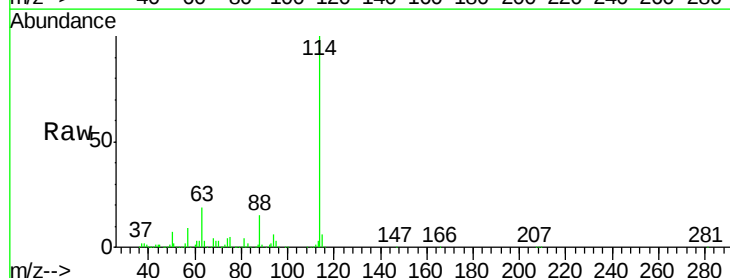
Tgt Ion: 114 Resp: 1802763

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.4

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049443.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049443.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049443.D (-2156) (-)

8.59

1000000

800000

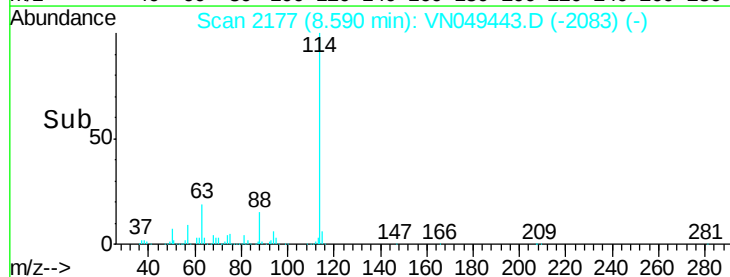
600000

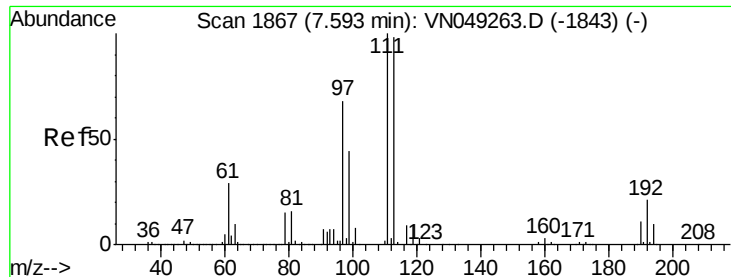
400000

200000

0

Time-->

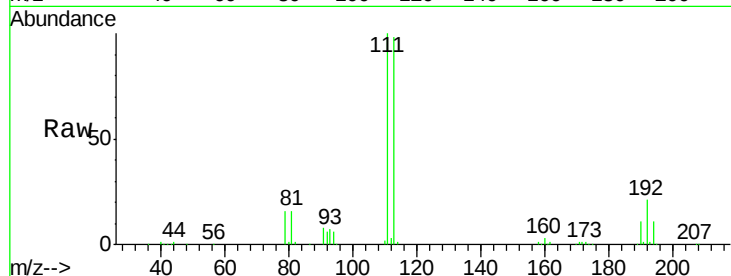




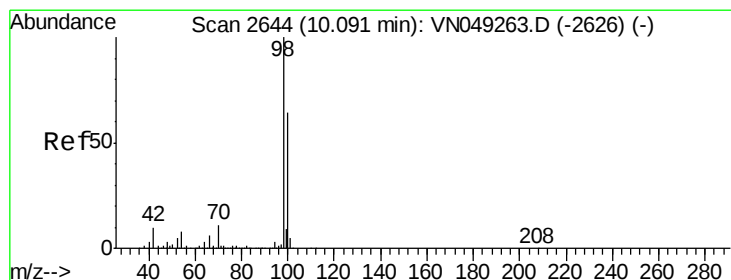
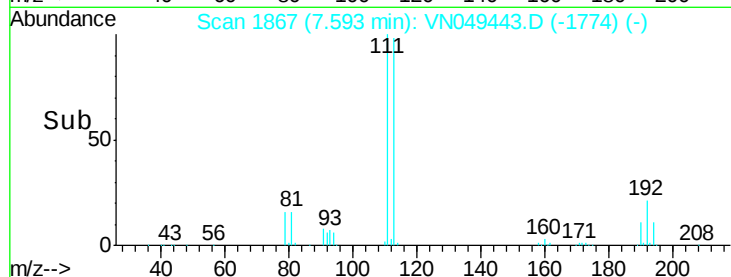
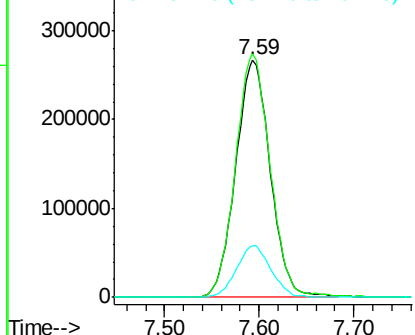
#35
 Dibromofluoromethane
 Concen: 46.59 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049443.D
 Acq: 20 Jun 2018 18:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SSP-B-COMPOSITE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	21.7	15.0	22.6

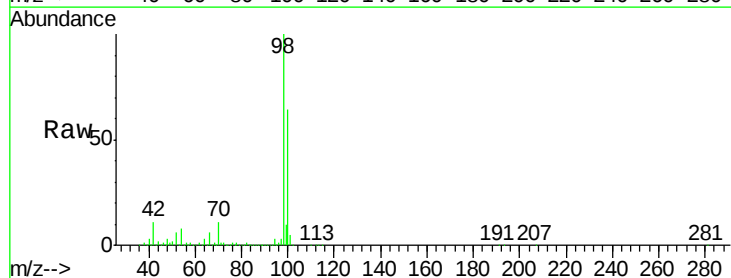


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

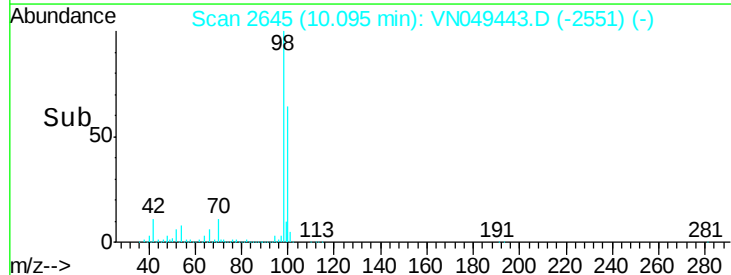
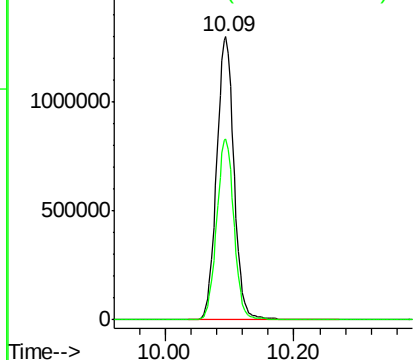


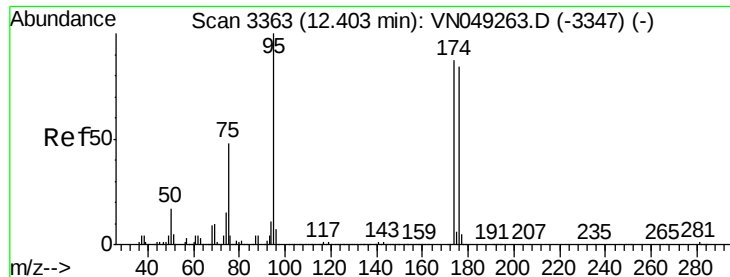
#50
 Toluene-d8
 Concen: 43.80 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049443.D
 Acq: 20 Jun 2018 18:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	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: 35.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049443.D

Acq: 20 Jun 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

SSP-B-COMPOSITE

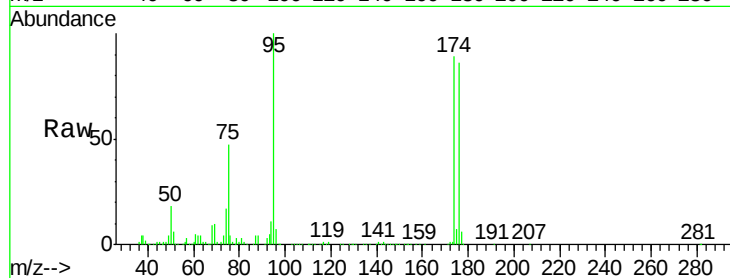
Tot Ion: 95 Resp: 649679

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.6

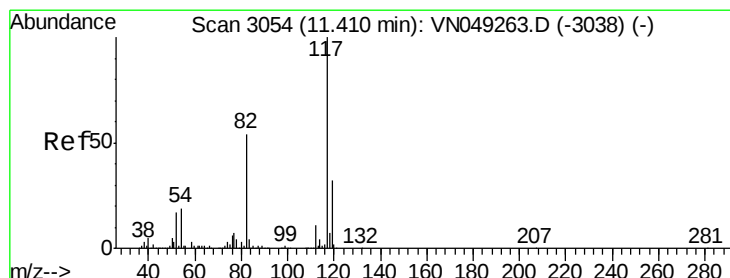
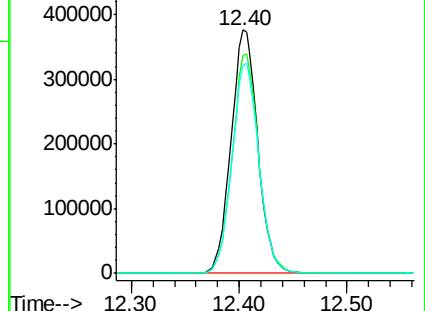
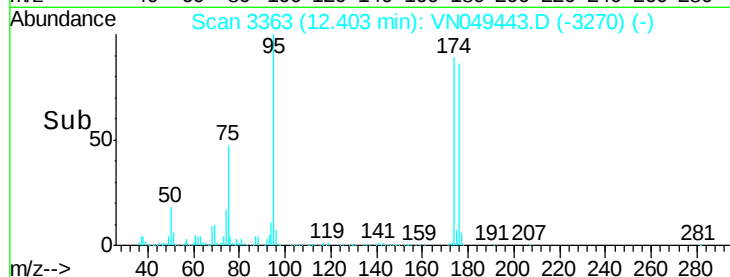
176 86.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049443.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049443.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049443.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049443.D

Acq: 20 Jun 2018 18:21

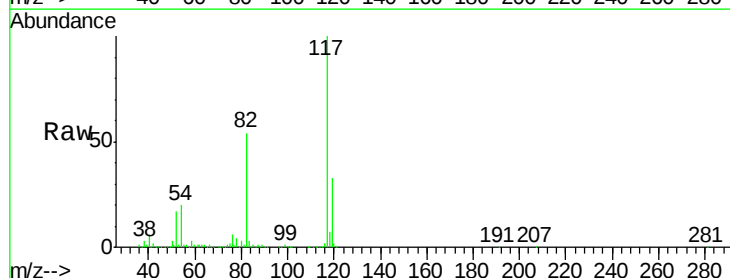
Tgt Ion: 117 Resp: 1477125

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

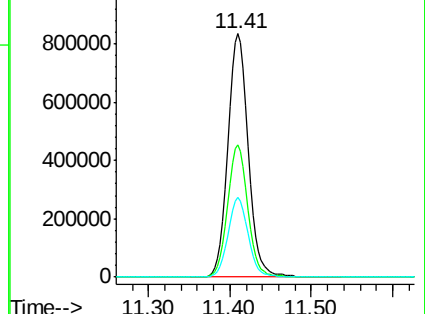
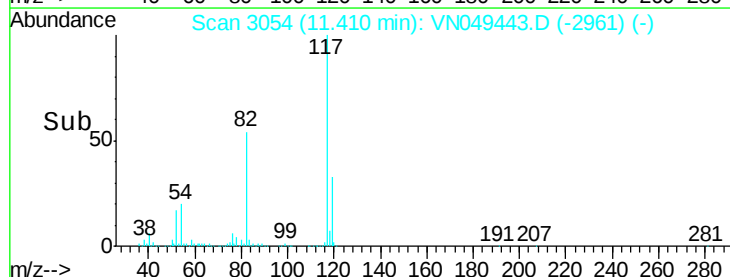
119 32.6 25.5 38.3

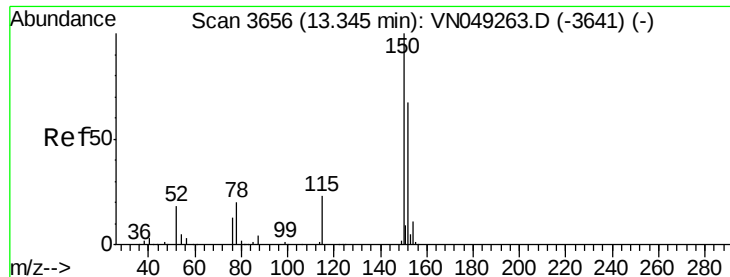


Abundance Ion 116.90 (116.60 to 117.60): VN049443.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049443.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049443.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049443.D

Acq: 20 Jun 2018 18:21

Instrument :

MSVOA_N

ClientSampleId :

SSP-B-COMPOSITE

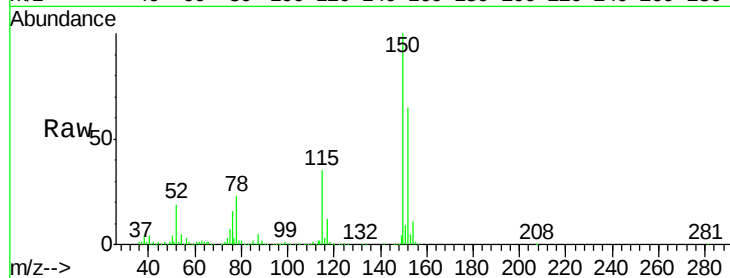
Tot Ion:152 Resp: 504886

Ion Ratio Lower Upper

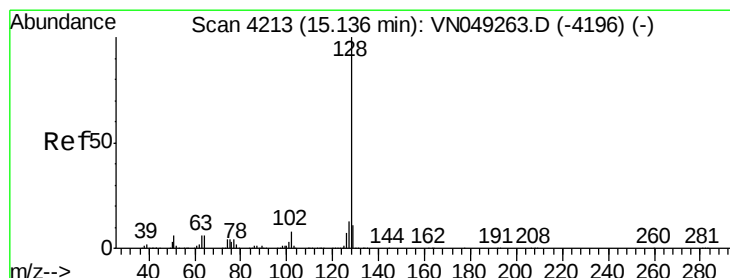
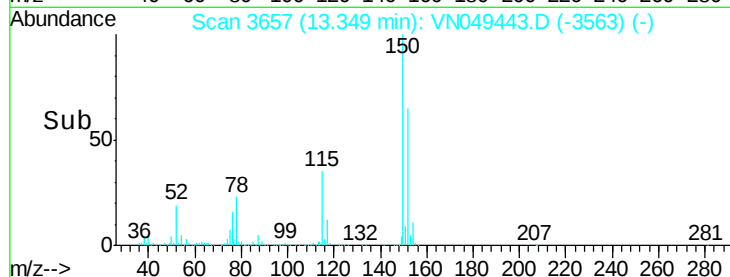
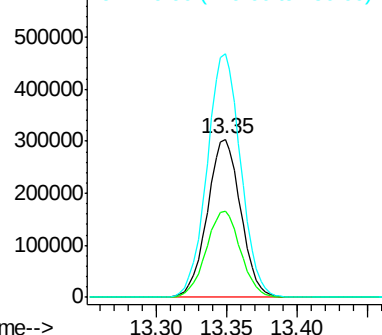
152 100

115 55.8 28.7 86.1

150 154.9 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: 6.46 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049443.D

Acq: 20 Jun 2018 18:21

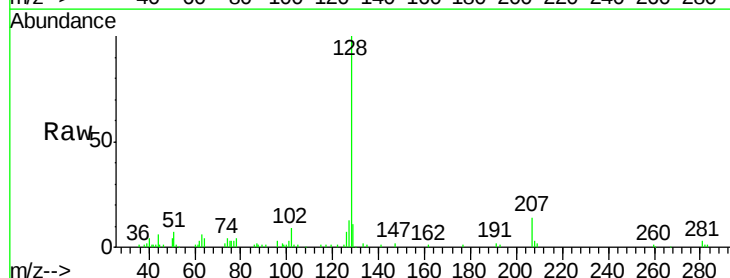
Tgt Ion:128 Resp: 62020

Ion Ratio Lower Upper

128 100

127 11.4 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

