

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050659.D
 Acq On : 15 Aug 2018 16:52
 Operator : MD\SY
 Sample : J4465-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 953-MW-20(22)

Quant Time: Aug 16 03:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

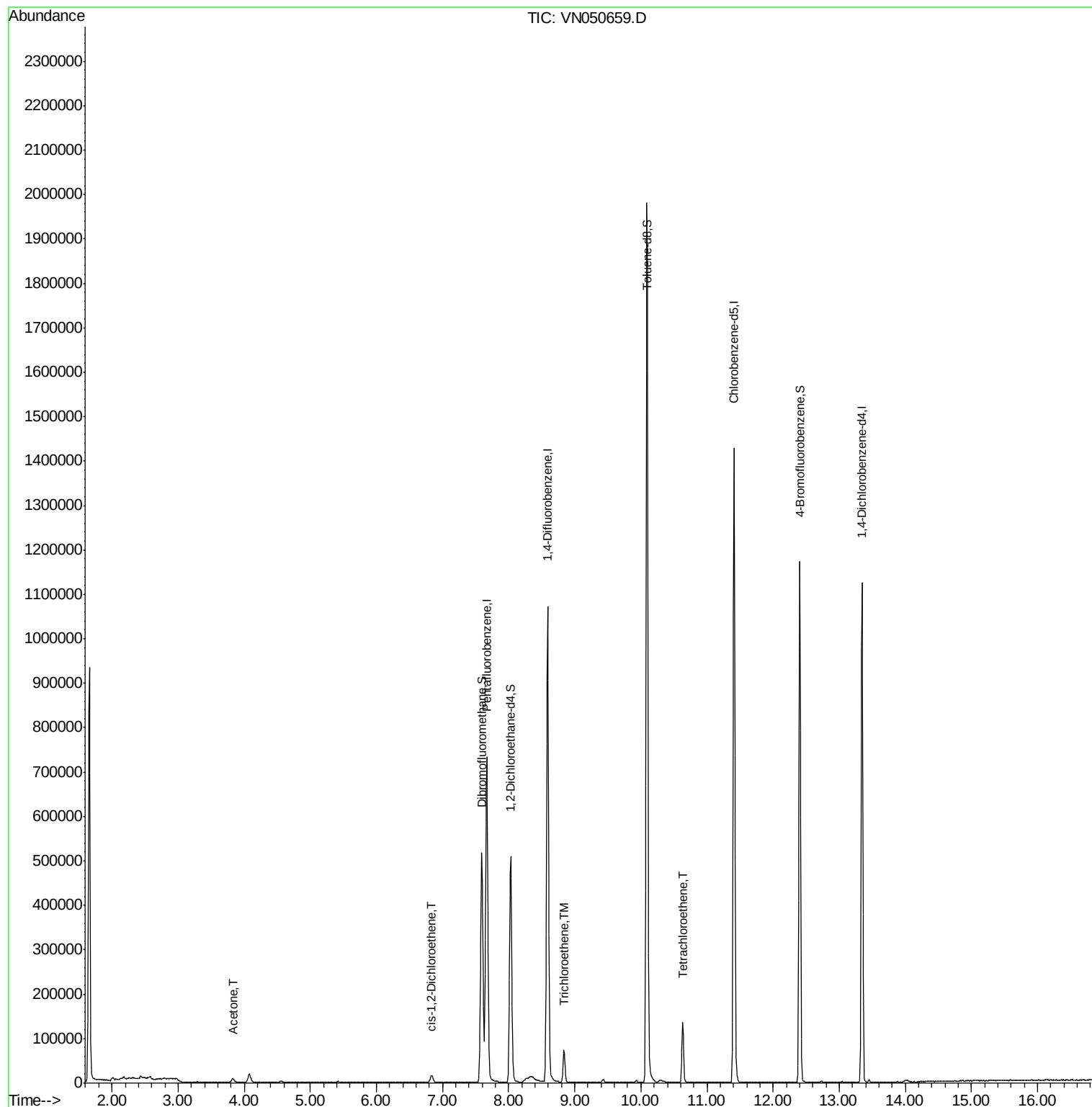
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	643074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	891849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	429727	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.59	113	403612	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.09	98	1439407	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.40	95	396703	39.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.66%	
Target Compounds						
16) Acetone	3.82	43	16695	6.84	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	10367	1.23	ug/l	88
44) Trichloroethene	8.84	130	27991	3.08	ug/l	97
64) Tetrachloroethene	10.63	164	33996	4.10	ug/l	95

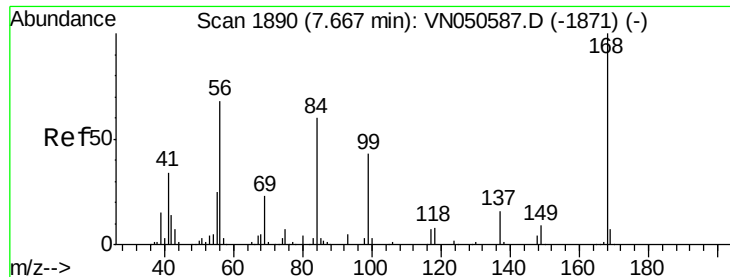
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050659.D

Acq: 15 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

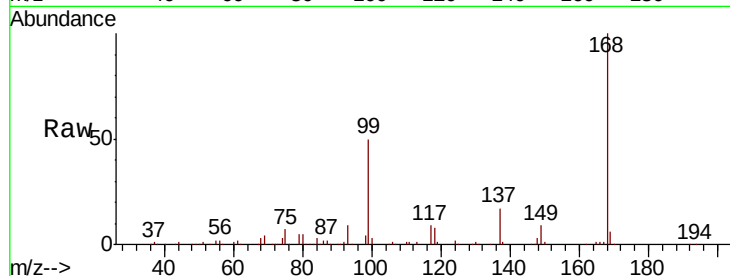
953-MW-20(22)

Tot Ion:168 Resp: 643074

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

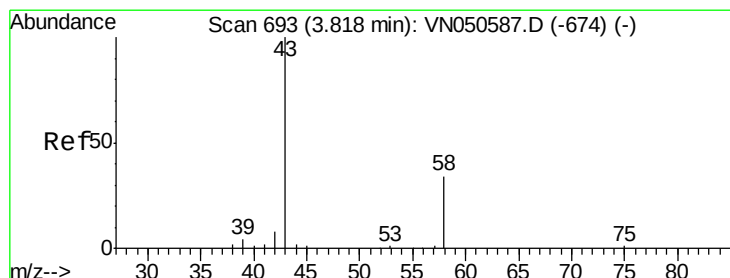
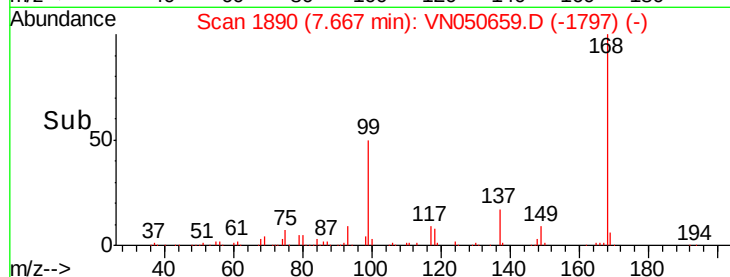
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.84 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050659.D

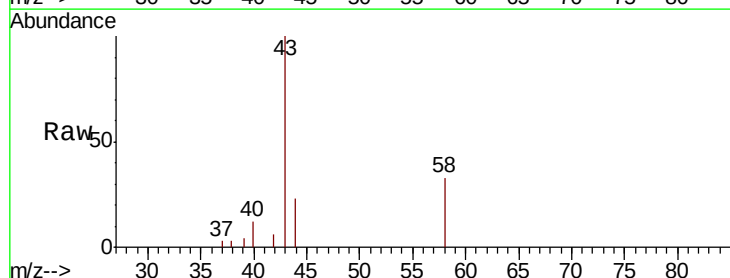
Acq: 15 Aug 2018 16:52

Tgt Ion: 43 Resp: 16695

Ion Ratio Lower Upper

43 100

58 33.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

3000

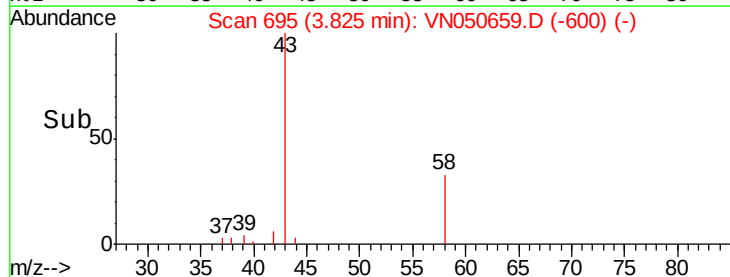
2000

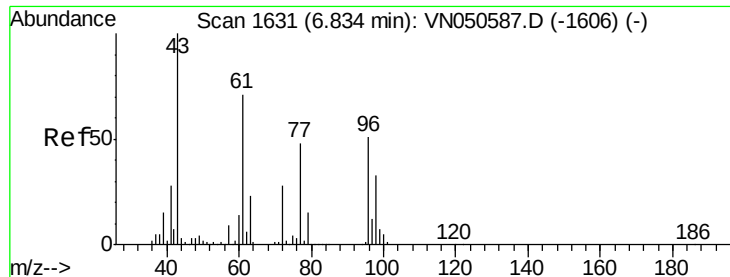
1000

0

3.75 3.80 3.85 3.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.23 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050659.D

Acq: 15 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

953-MW-20(22)

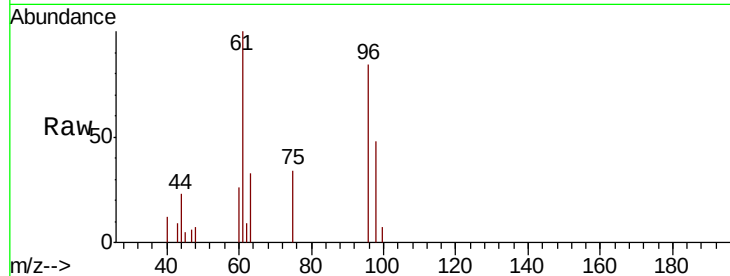
Tot Ion: 96 Resp: 10367

Ion Ratio Lower Upper

96 100

61 120.5 0.0 278.2

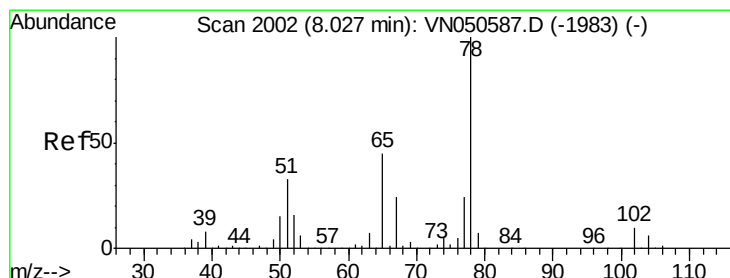
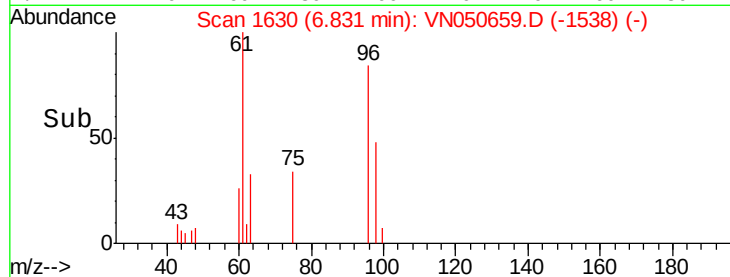
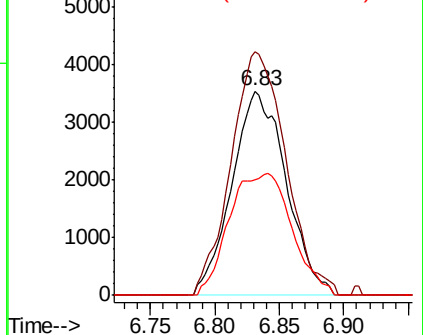
98 68.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.01 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050659.D

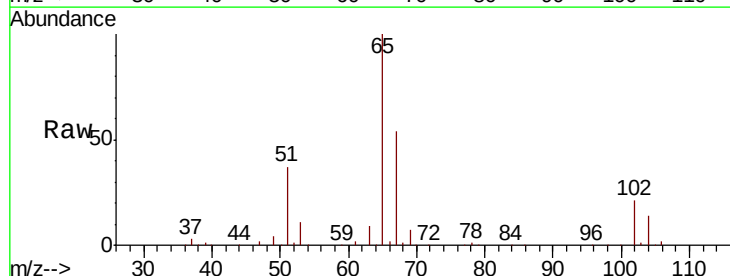
Acq: 15 Aug 2018 16:52

Tgt Ion: 65 Resp: 429727

Ion Ratio Lower Upper

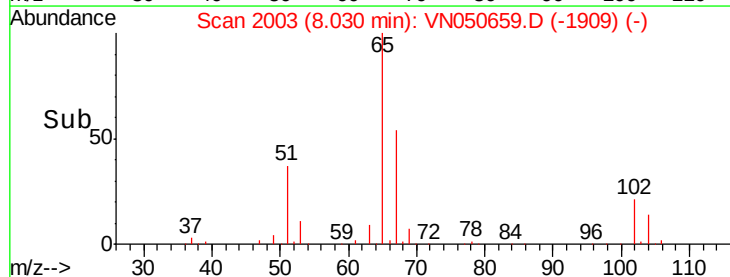
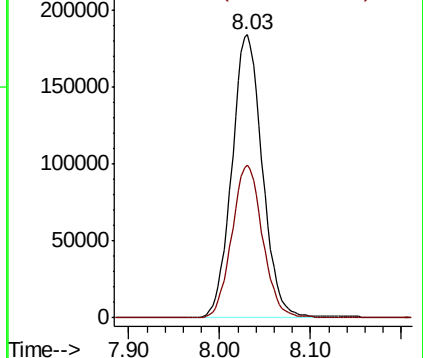
65 100

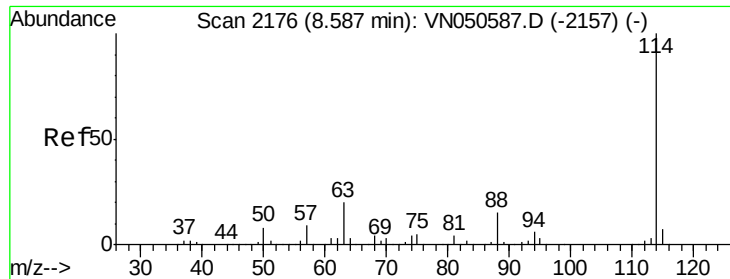
67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

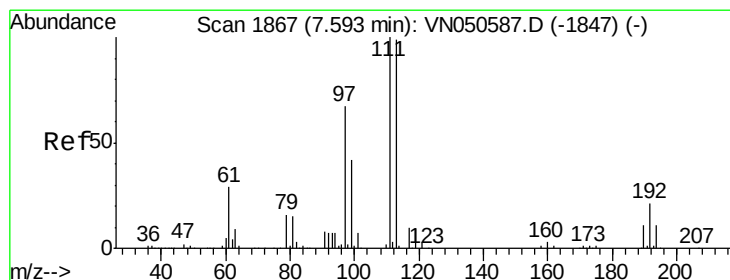
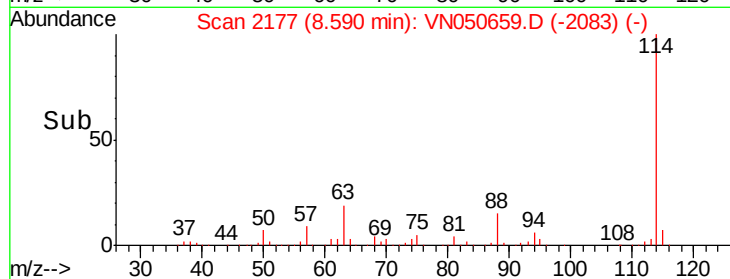
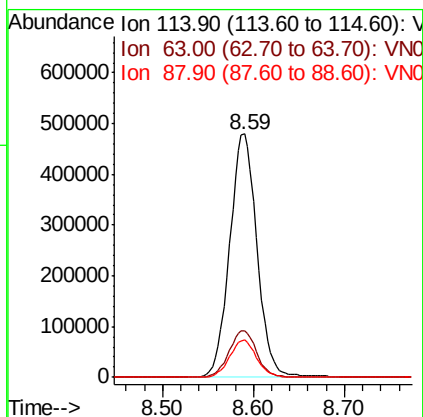
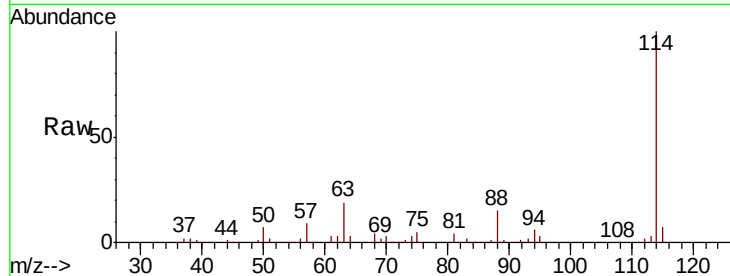




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050659.D
 Acq: 15 Aug 2018 16:52

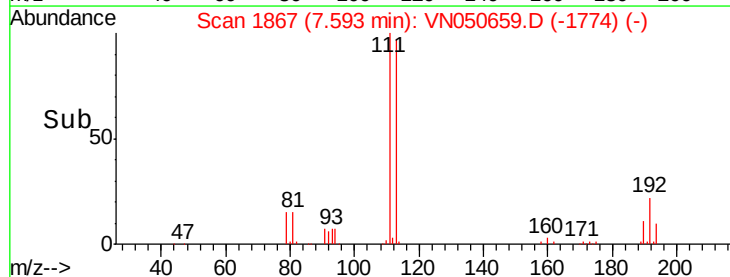
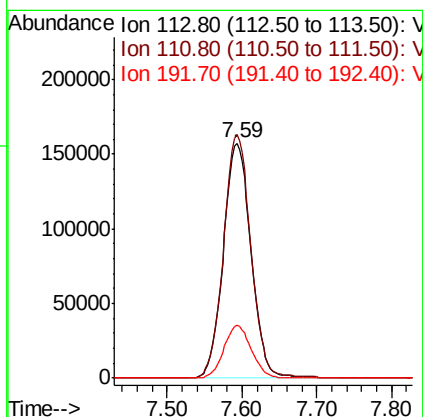
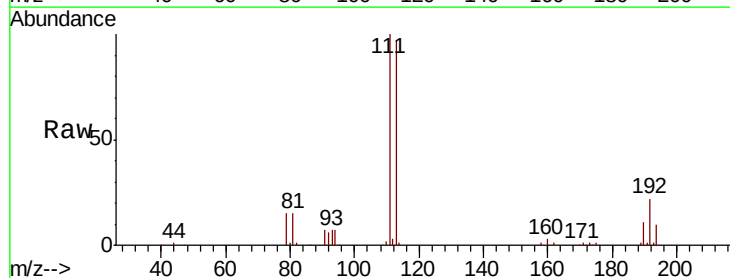
Instrument :
 MSVOA_N
 ClientSampleId :
 953-MW-20(22)

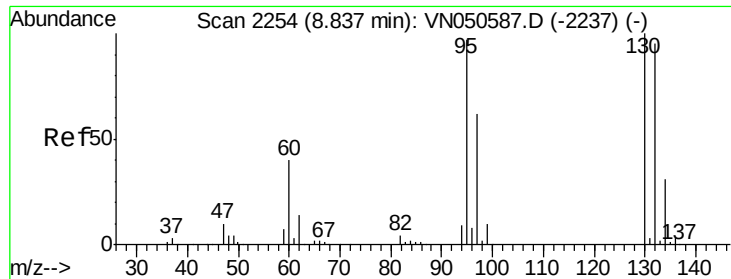
Tot Ion:114 Resp: 1003397
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.2 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 50.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050659.D
 Acq: 15 Aug 2018 16:52

Tgt Ion:113 Resp: 403612
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 22.2 17.6 26.4





#44

Trichloroethene

Concen: 3.08 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050659.D

Acq: 15 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

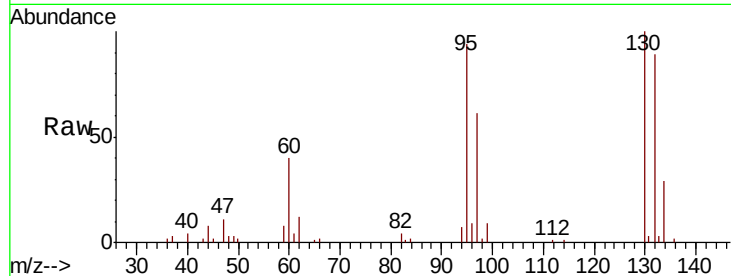
953-MW-20(22)

Tot Ion:130 Resp: 27991

Ion Ratio Lower Upper

130 100

95 94.0 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

15000

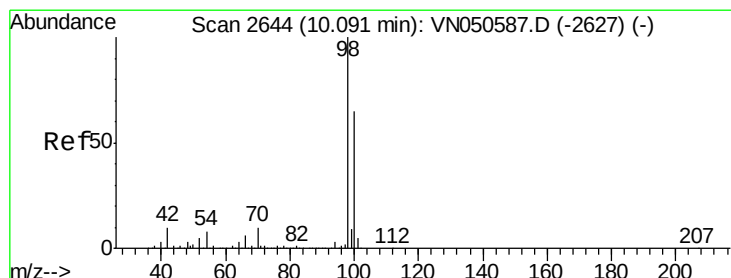
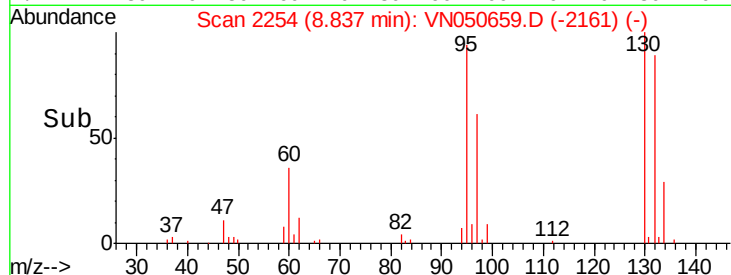
10000

5000

0

8.75 8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 47.74 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050659.D

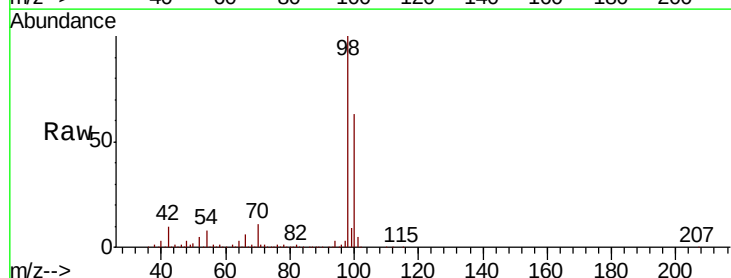
Acq: 15 Aug 2018 16:52

Tgt Ion: 98 Resp: 1439407

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

600000

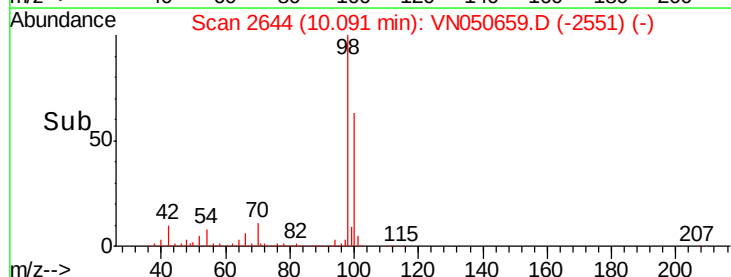
400000

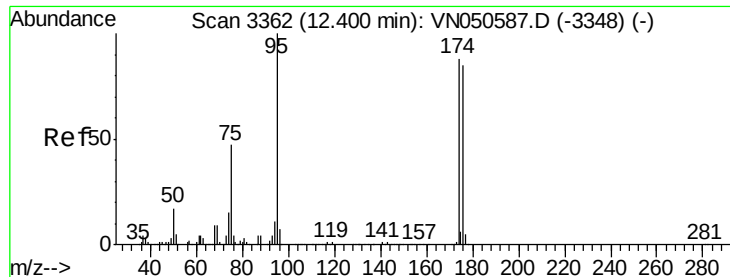
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 39.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050659.D

Acq: 15 Aug 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

953-MW-20(22)

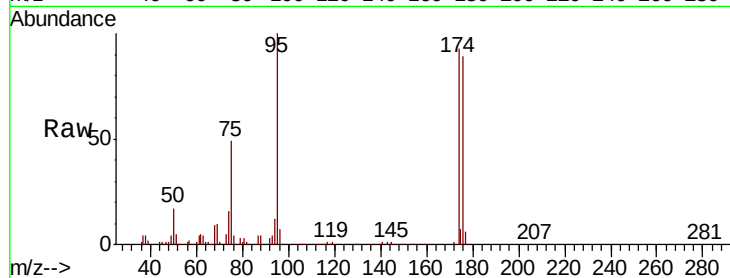
Tot Ion: 95 Resp: 396703

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

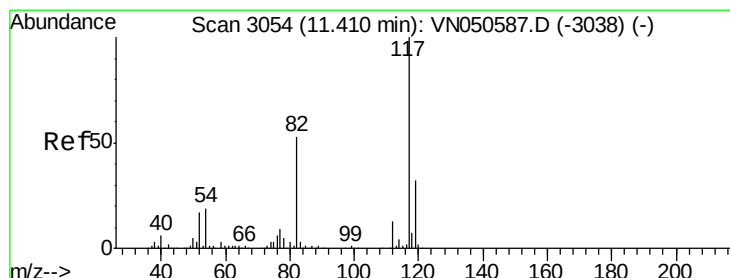
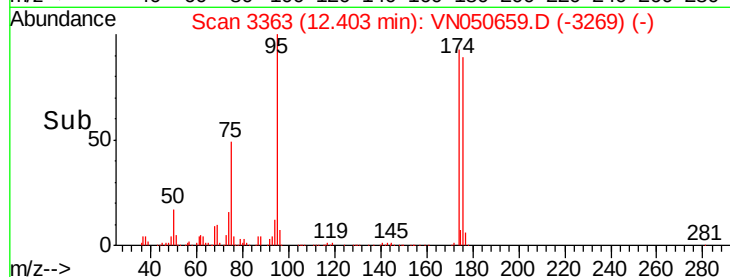
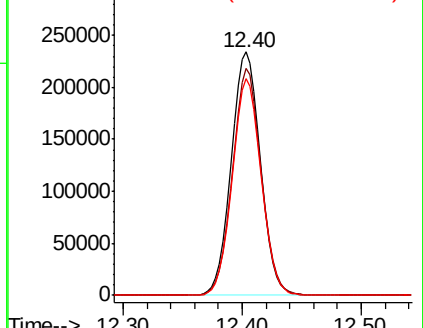
176 88.2 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050659.D

Acq: 15 Aug 2018 16:52

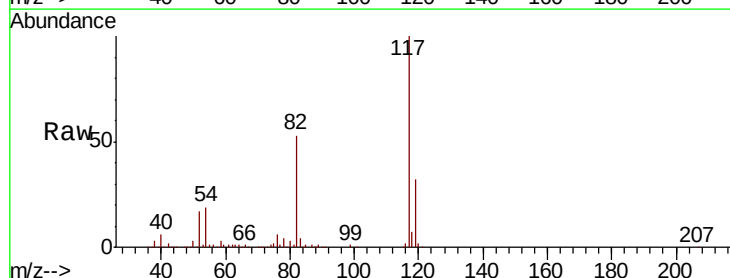
Tgt Ion: 117 Resp: 891849

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

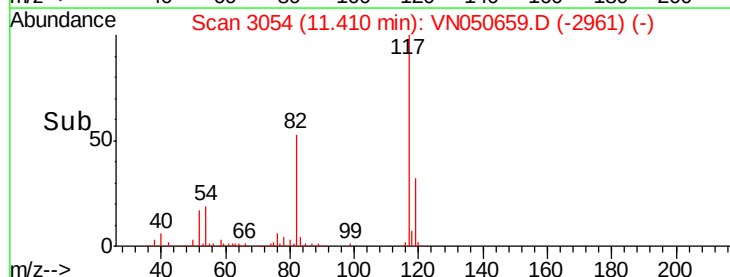
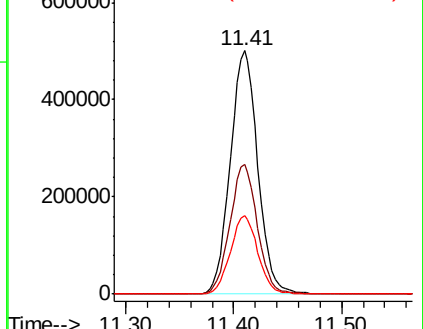
119 32.0 25.8 38.8

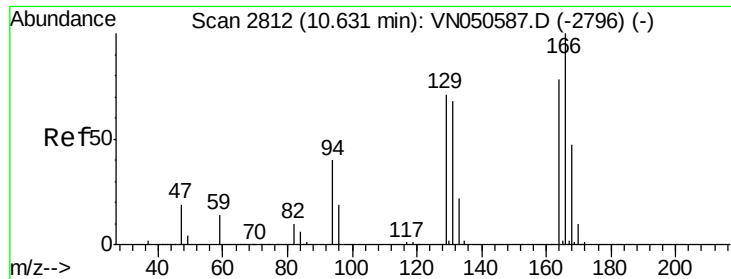


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)

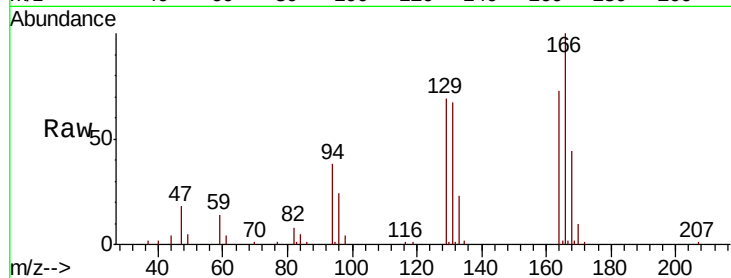




#64
Tetrachloroethene
Concen: 4.10 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050659.D
Acq: 15 Aug 2018 16:52

Instrument :
MSVOA_N
ClientSampleId :
953-MW-20(22)

Tot Ion	Ratio	Lower	Upper
164	100		
166	136.3	102.1	153.1
129	94.2	72.7	109.1
131	91.6	69.9	104.9



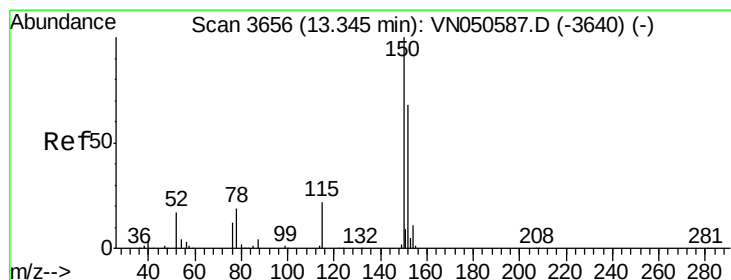
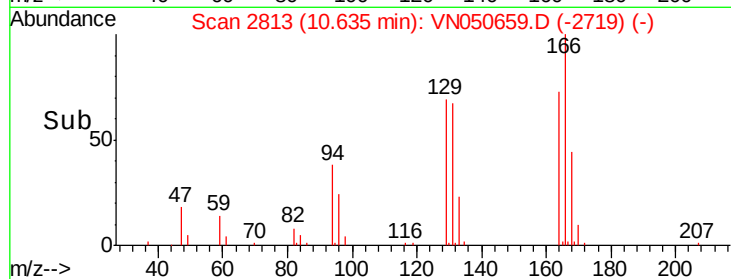
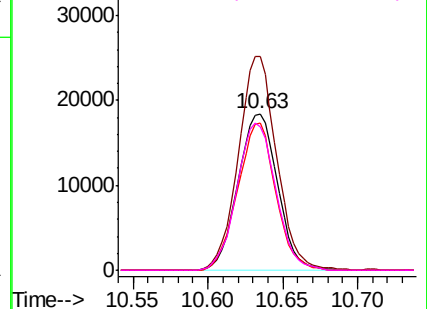
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

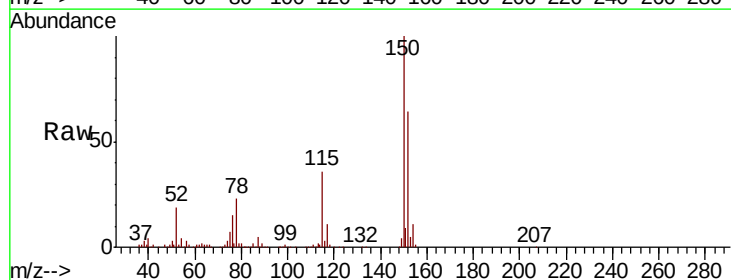
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050659.D
Acq: 15 Aug 2018 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.1	84.2
150	157.6	0.0	347.8



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

