

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050658.D
 Acq On : 15 Aug 2018 16:28
 Operator : MD\SY
 Sample : J4465-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 951-MW-18(21.5)

Quant Time: Aug 16 03:51:05 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

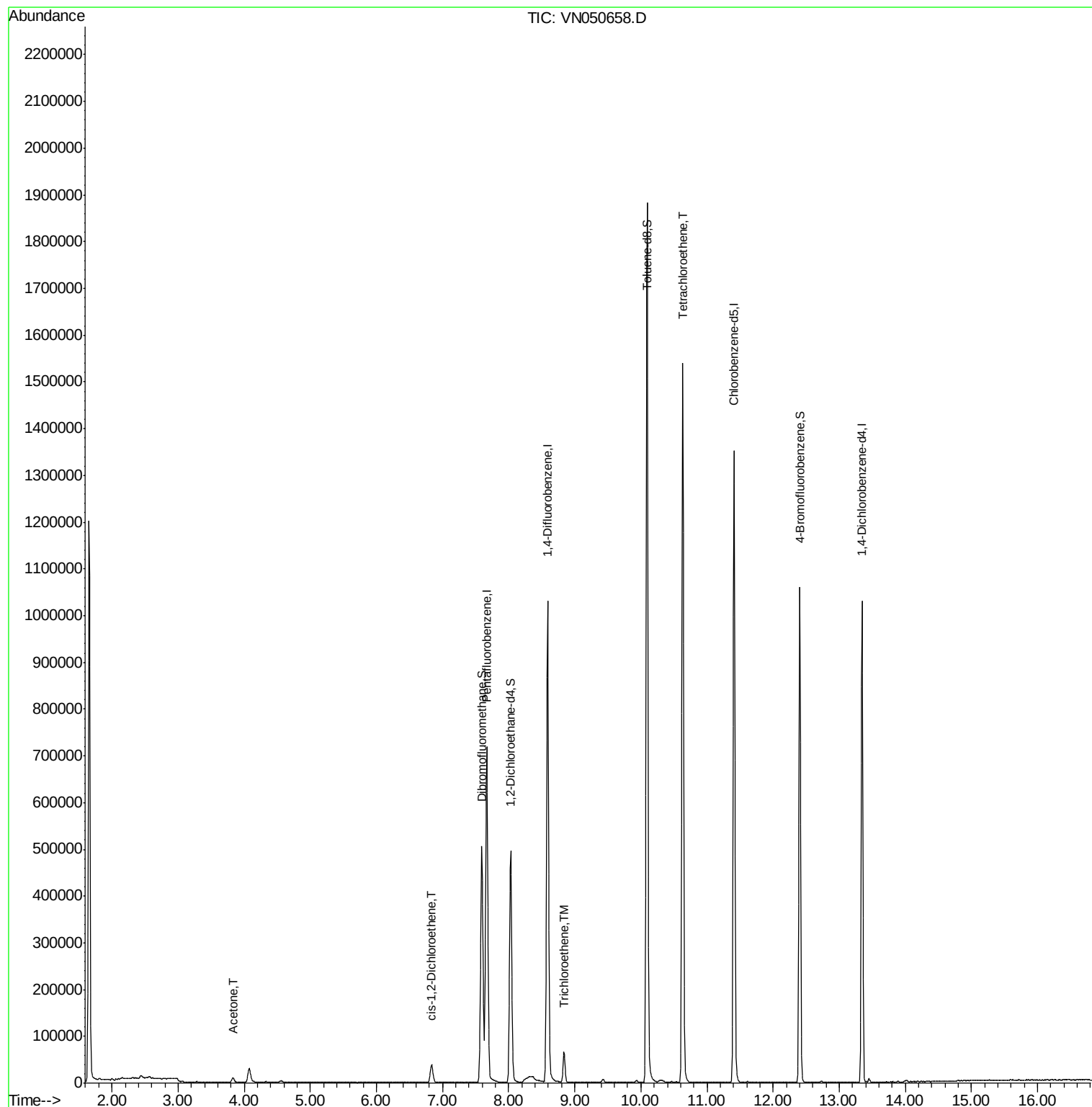
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	955383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	833764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420005	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	7.59	113	389841	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.09	98	1364170	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.40	95	360182	37.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.96%	
Target Compounds						
16) Acetone	3.83	43	17380	7.50	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	23731	2.92	ug/l	92
44) Trichloroethene	8.84	130	25518	2.94	ug/l	96
64) Tetrachloroethene	10.63	164	391438	50.55	ug/l	99

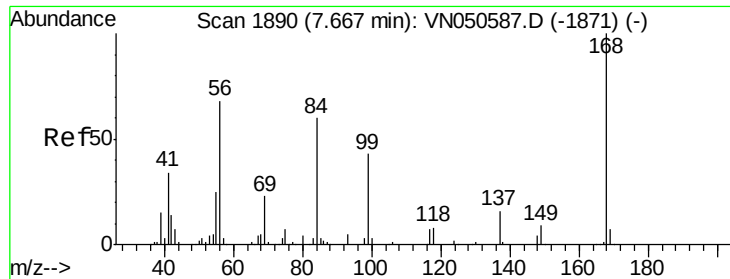
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

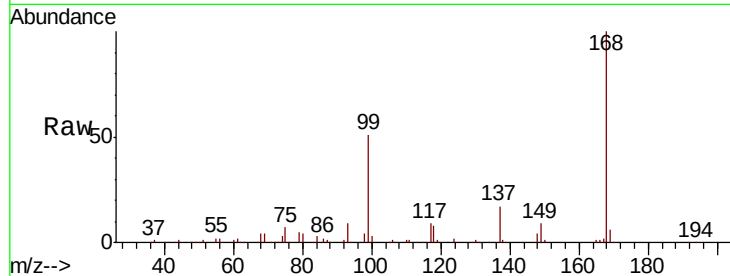
951-MW-18(21.5)

Tot Ion:168 Resp: 619761

Ion Ratio Lower Upper

168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050658.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050658.D (-1797) (-)

7.67

250000

200000

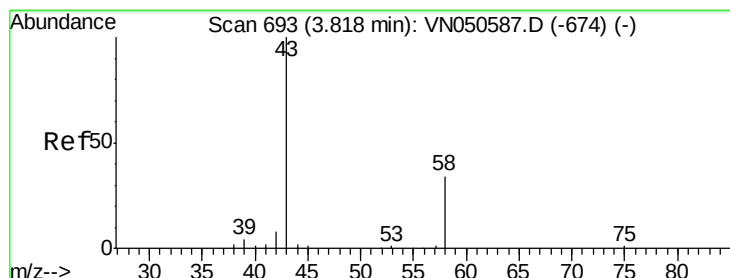
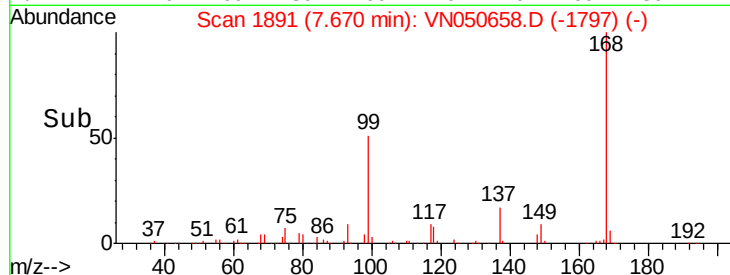
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.50 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050658.D

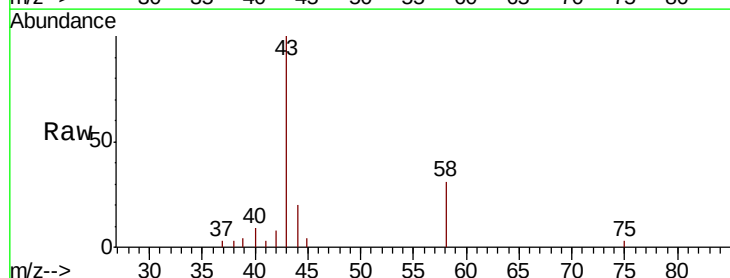
Acq: 15 Aug 2018 16:28

Tgt Ion: 43 Resp: 17380

Ion Ratio Lower Upper

43 100

58 30.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050658.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050658.D (-600) (-)

3.83

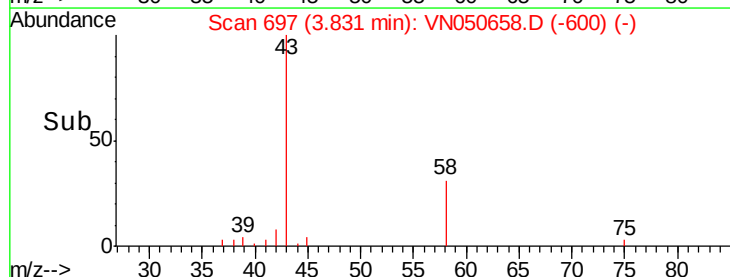
6000

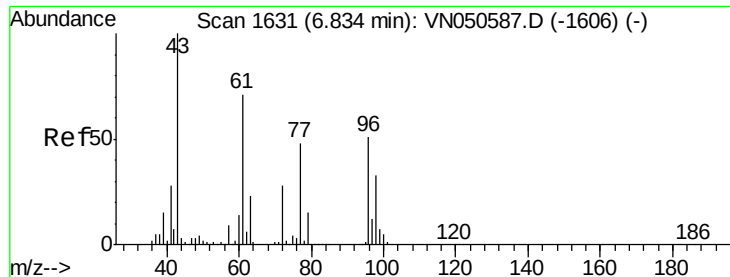
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.92 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

951-MW-18(21.5)

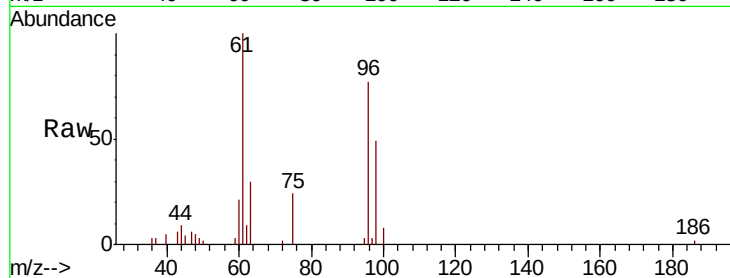
Tot Ion: 96 Resp: 23731

Ion Ratio Lower Upper

96 100

61 126.1 0.0 278.2

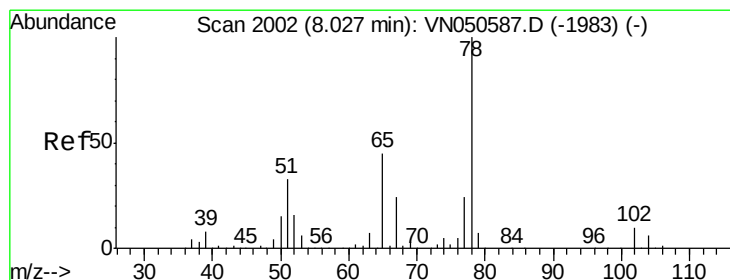
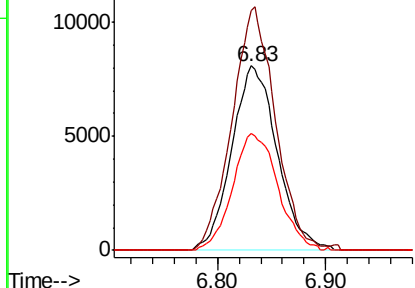
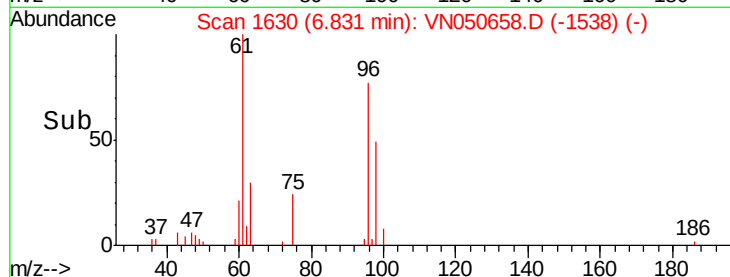
98 63.1 0.0 128.8



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: 53.76 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050658.D

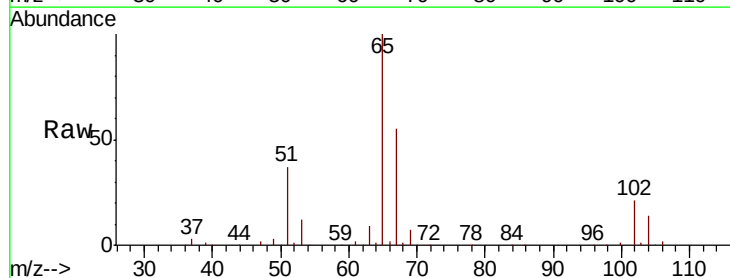
Acq: 15 Aug 2018 16:28

Tgt Ion: 65 Resp: 420005

Ion Ratio Lower Upper

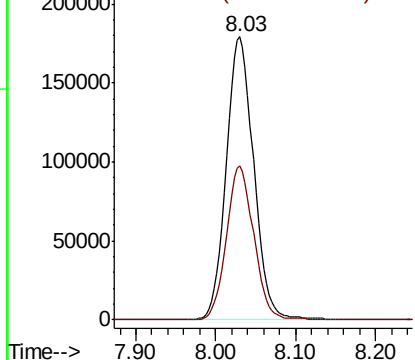
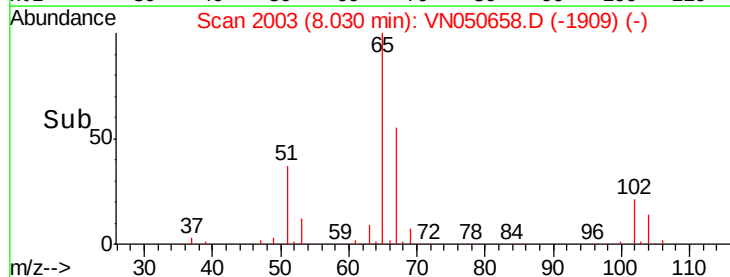
65 100

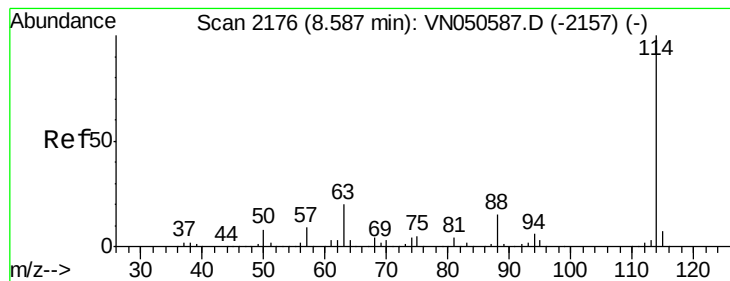
67 54.1 0.0 109.8



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: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

951-MW-18(21.5)

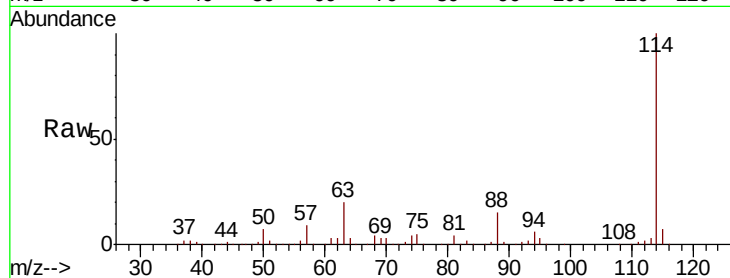
Tot Ion:114 Resp: 955383

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

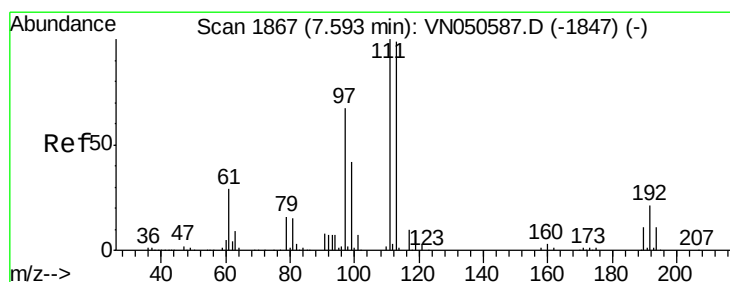
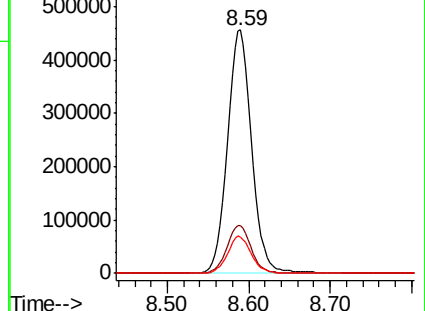
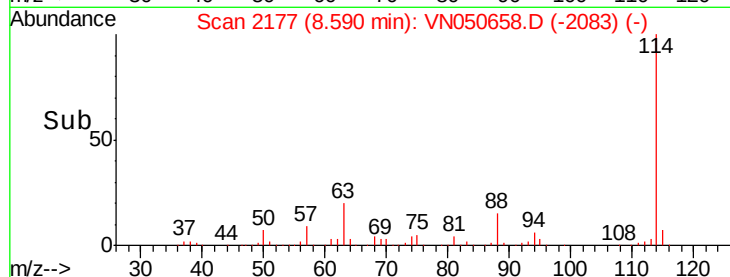
88 14.9 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.11 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

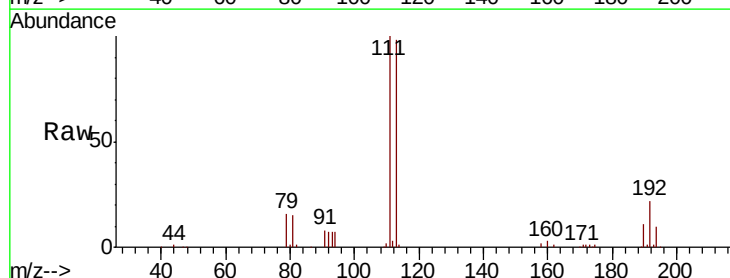
Tgt Ion:113 Resp: 389841

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.6

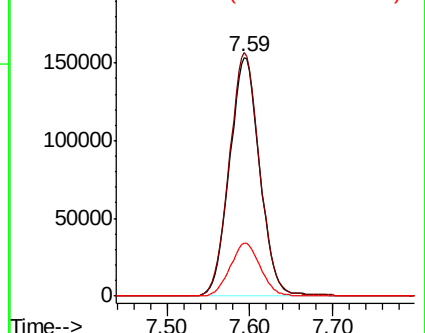
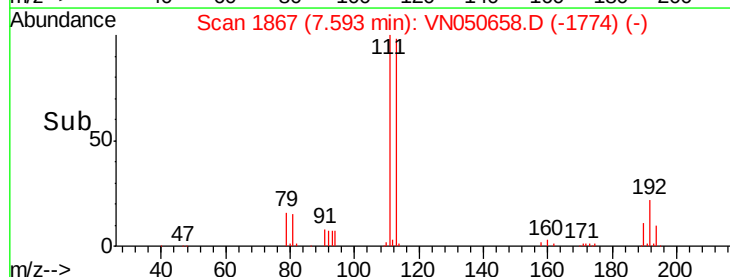
192 22.3 17.6 26.4

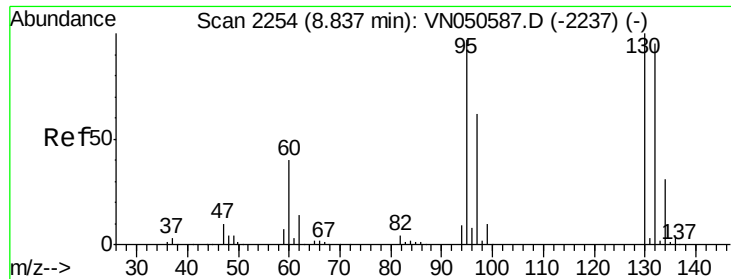


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.94 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050658.D

Acq: 15 Aug 2018 16:28

Instrument :

MSVOA_N

ClientSampleId :

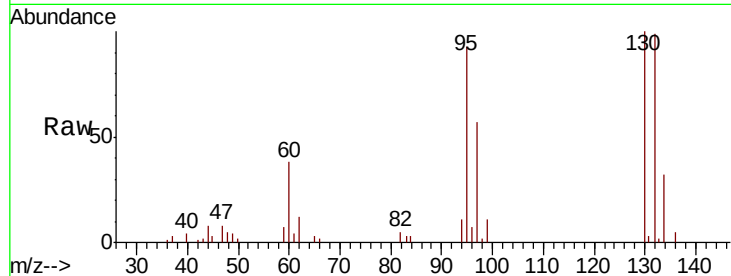
951-MW-18(21.5)

Tot Ion:130 Resp: 25518

Ion Ratio Lower Upper

130 100

95 93.2 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

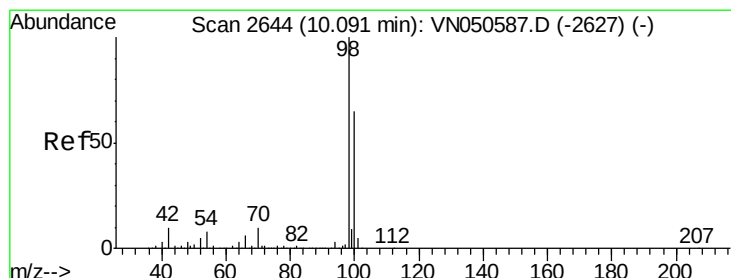
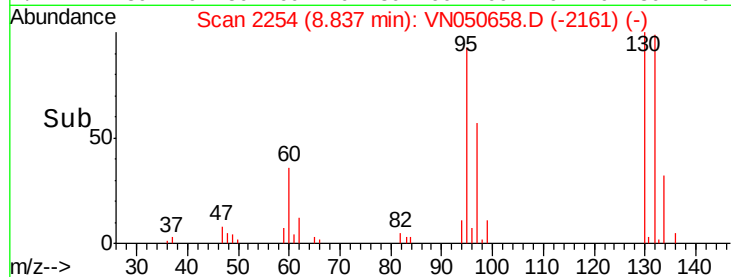
8.84

10000

5000

0

Time--> 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 47.52 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050658.D

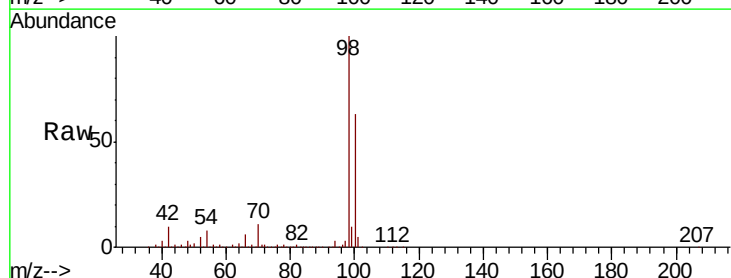
Acq: 15 Aug 2018 16:28

Tgt Ion: 98 Resp: 1364170

Ion Ratio Lower Upper

98 100

100 63.2 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

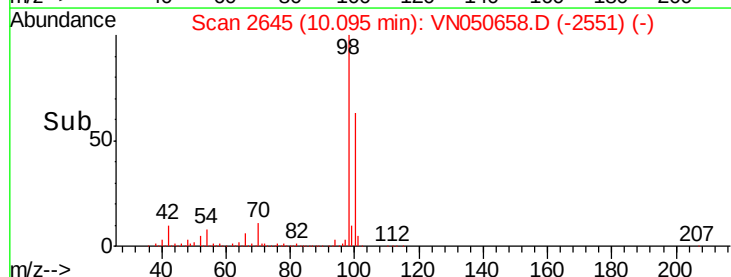
600000

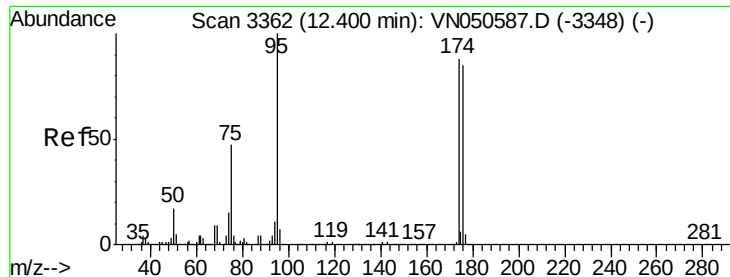
400000

200000

0

Time--> 10.00 10.10 10.20 10.30

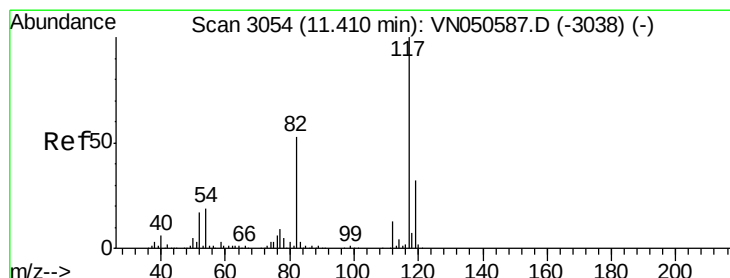
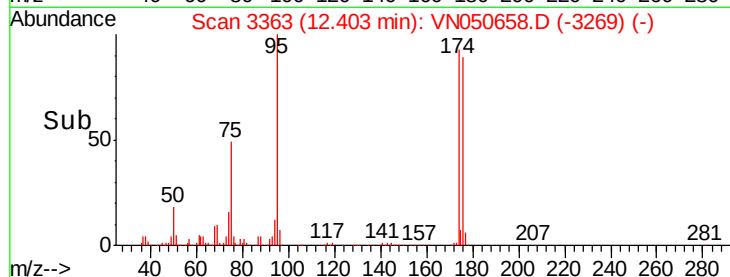
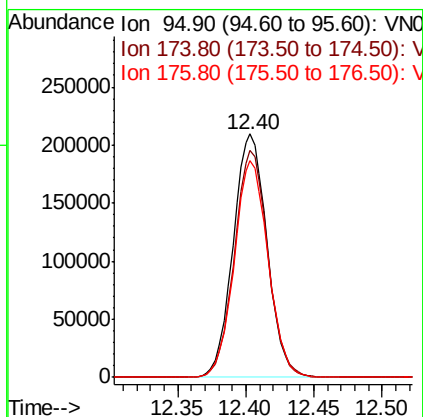
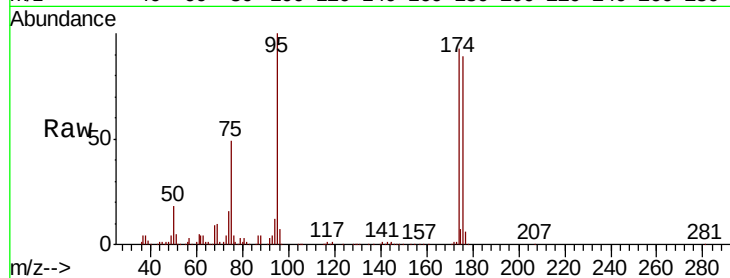




#62
4-Bromofluorobenzene
Concen: 37.98 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050658.D
Acq: 15 Aug 2018 16:28

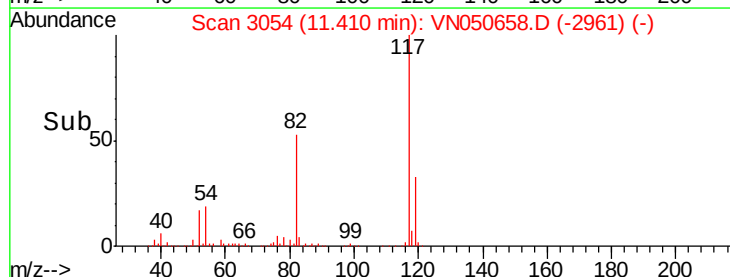
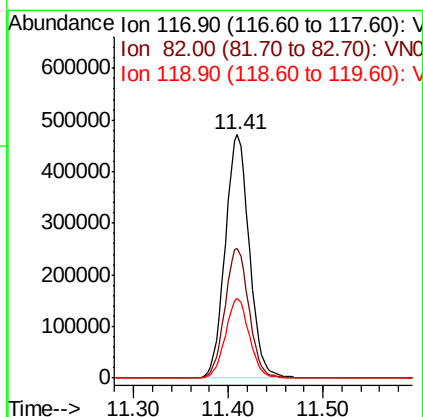
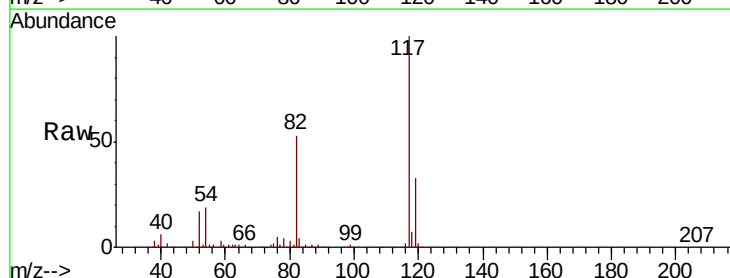
Instrument :
MSVOA_N
ClientSampleId :
951-MW-18(21.5)

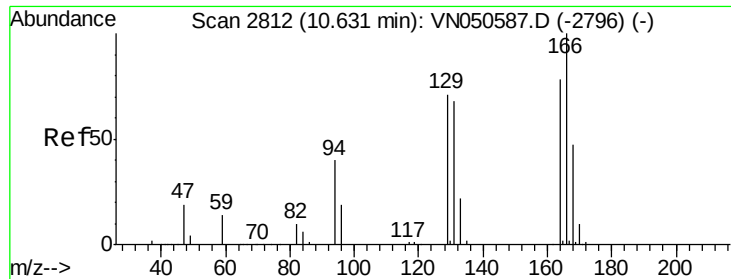
Tot Ion: 95 Resp: 360182
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.8
176 89.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050658.D
Acq: 15 Aug 2018 16:28

Tgt Ion: 117 Resp: 833764
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.8 25.8 38.8

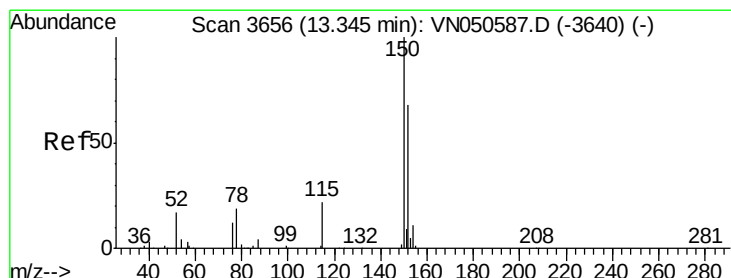
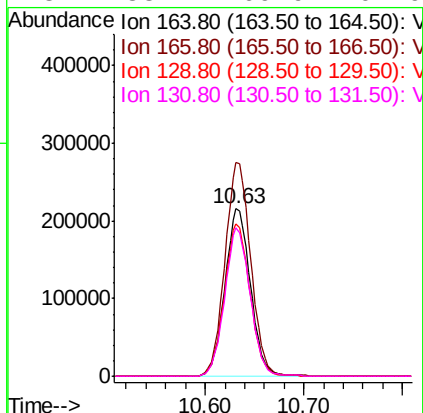
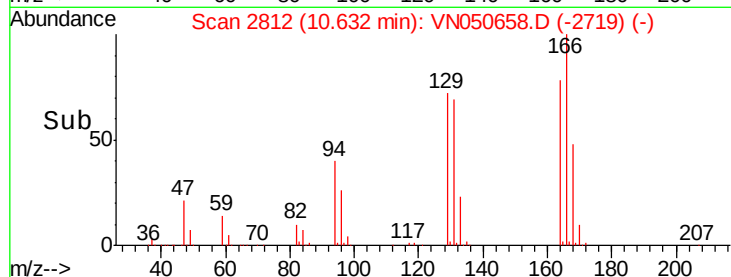
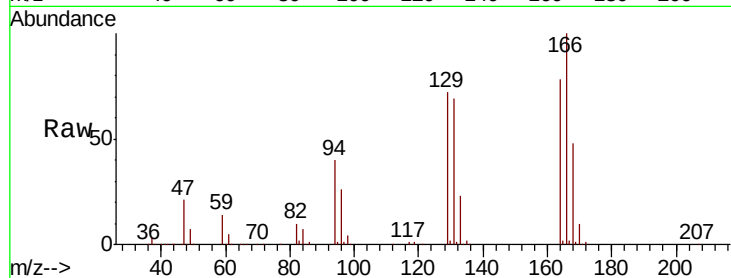




#64
Tetrachloroethene
Concen: 50.55 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050658.D
Acq: 15 Aug 2018 16:28

Instrument :
MSVOA_N
ClientSampleId :
951-MW-18(21.5)

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.8	102.1	153.1
129	91.4	72.7	109.1
131	88.7	69.9	104.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050658.D
Acq: 15 Aug 2018 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.1	84.2
150	156.4	0.0	347.8

