

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052909.D
 Acq On : 15 Dec 2018 00:26
 Operator : MD\SY
 Sample : J6403-60
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-A

Quant Time: Dec 15 04:04:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

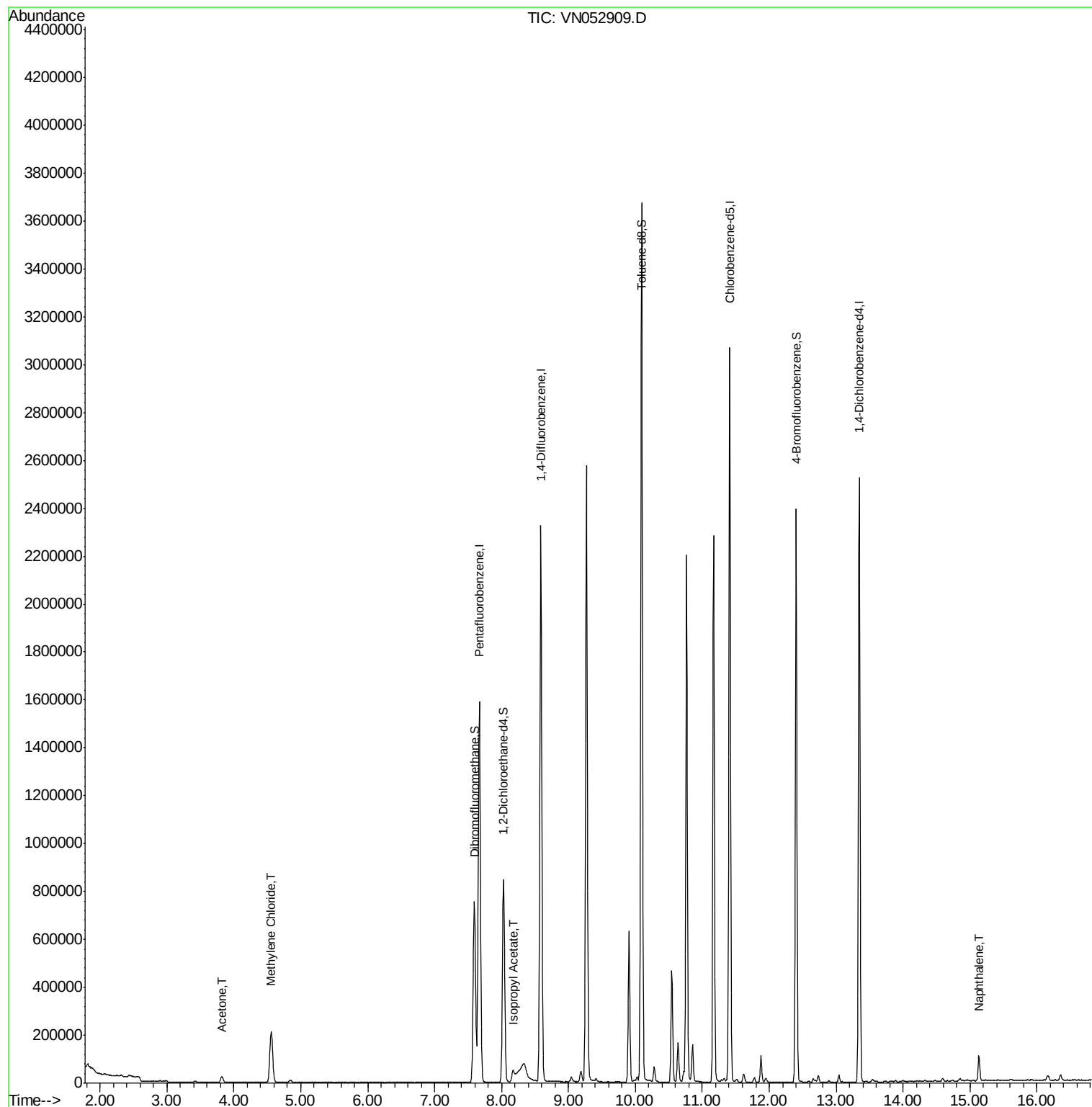
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1410337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2172669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1879629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	730593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	712044	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	7.59	113	578721	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	10.09	98	2608580	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	818814	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
16) Acetone	3.82	43	42764	12.697	ug/l	95
20) Methylene Chloride	4.56	84	168036	11.087	ug/l	98
43) Isopropyl Acetate	8.17	43	70760	2.871	ug/l #	77
95) Naphthalene	15.13	128	91837	3.439	ug/l	99

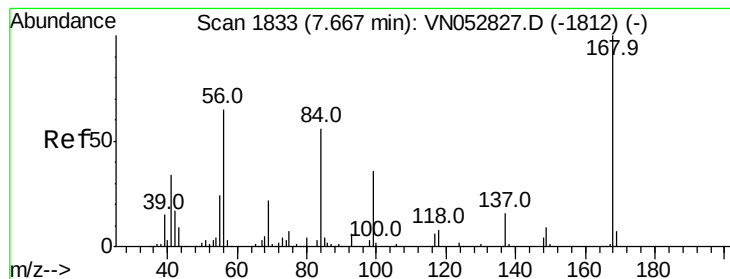
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA_N

ClientSampleId :

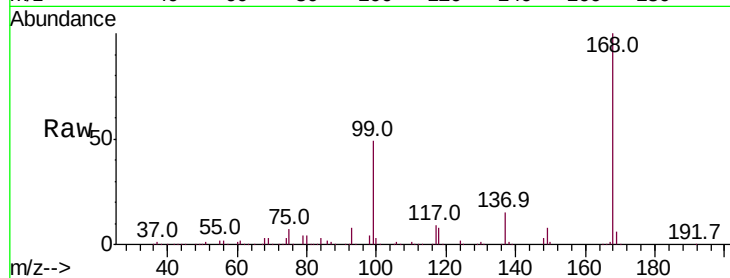
TP-8-A

Tot Ion:168 Resp: 1410337

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

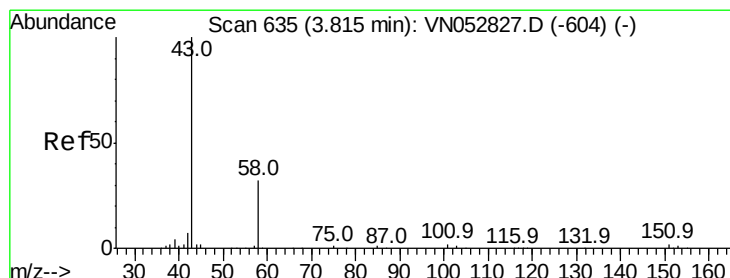
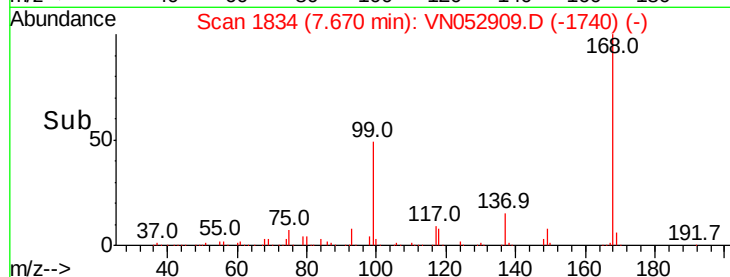
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 12.697 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052909.D

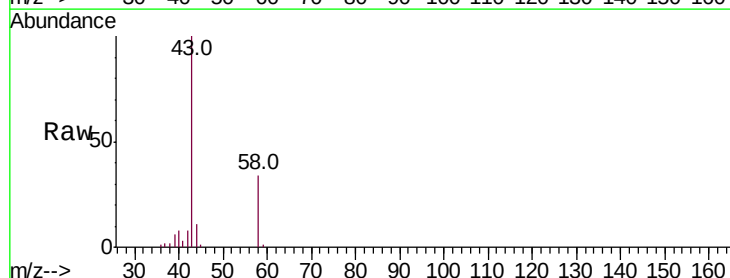
Acq: 15 Dec 2018 00:26

Tgt Ion: 43 Resp: 42764

Ion Ratio Lower Upper

43 100

58 34.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

3.82

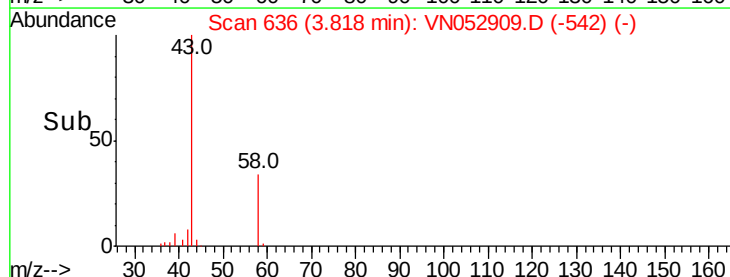
15000

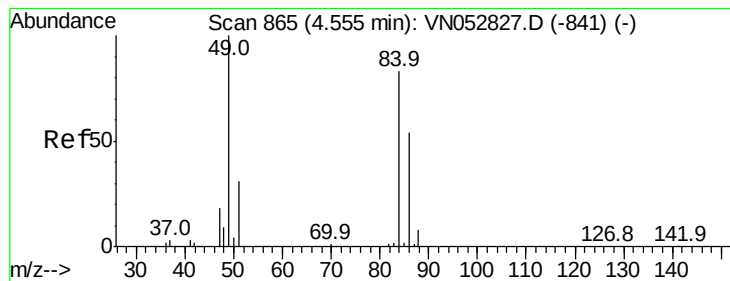
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 11.087 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA_N

ClientSampled :

TP-8-A

Tot Ion: 84 Resp: 168036

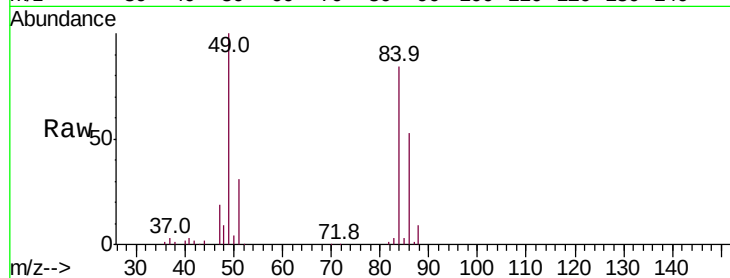
Ion Ratio Lower Upper

84 100

49 118.9 96.8 145.2

51 37.0 29.9 44.9

86 63.1 51.8 77.6

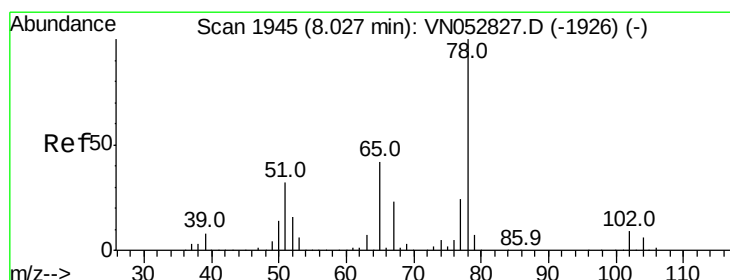
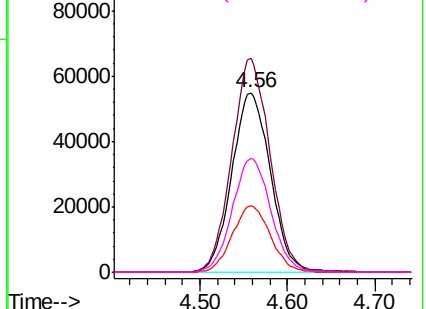
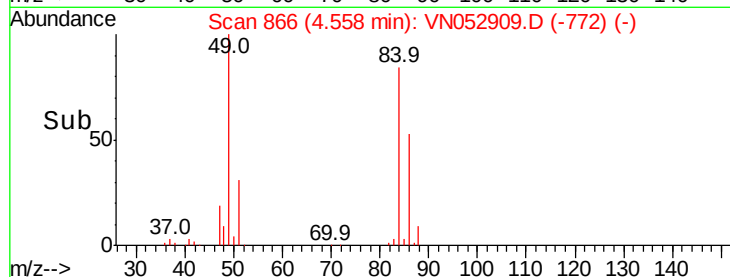


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052909.D

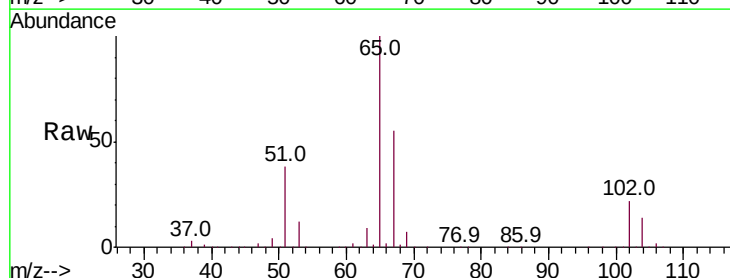
Acq: 15 Dec 2018 00:26

Tgt Ion: 65 Resp: 712044

Ion Ratio Lower Upper

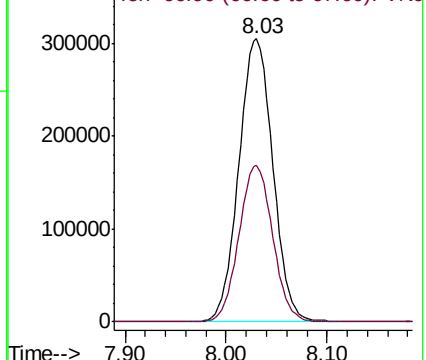
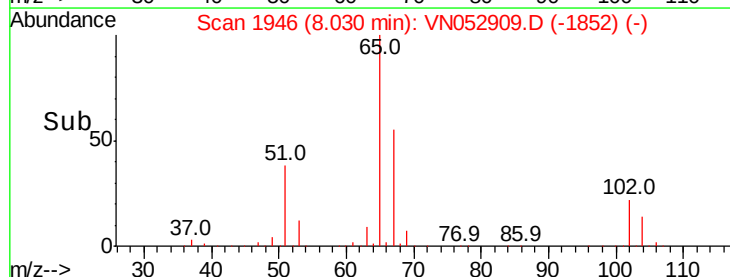
65 100

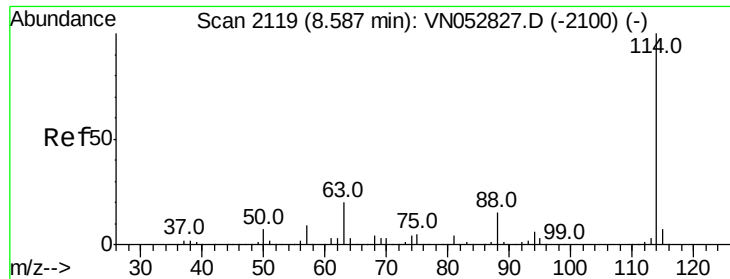
67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



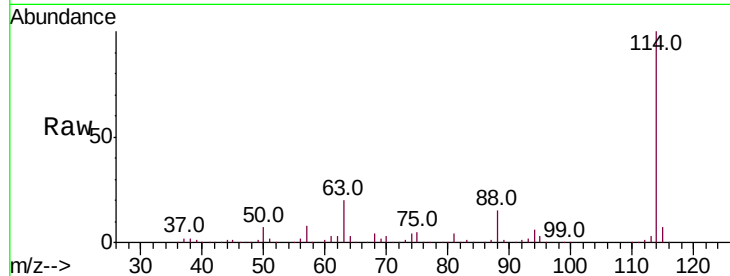


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052909.D
 Acq: 15 Dec 2018 00:26

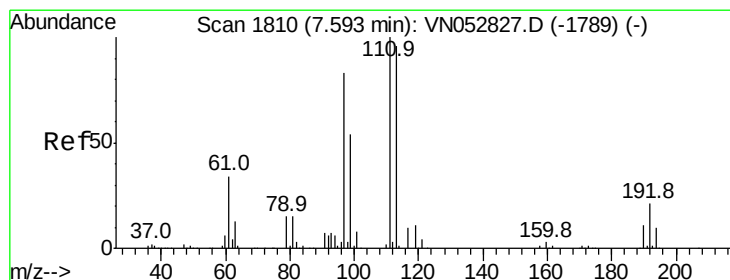
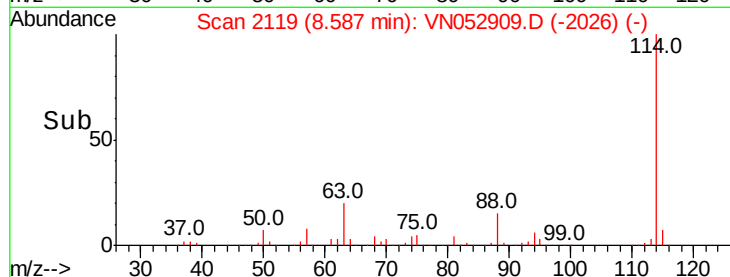
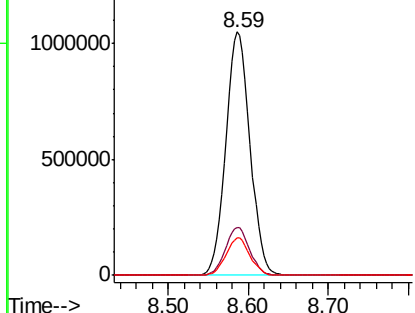
Instrument :
 MSVOA_N
 ClientSampled :
 TP-8-A

Tot Ion:114 Resp: 2172669

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.3	0.0	31.0



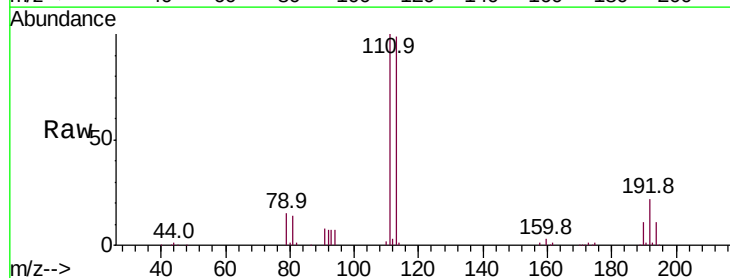
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



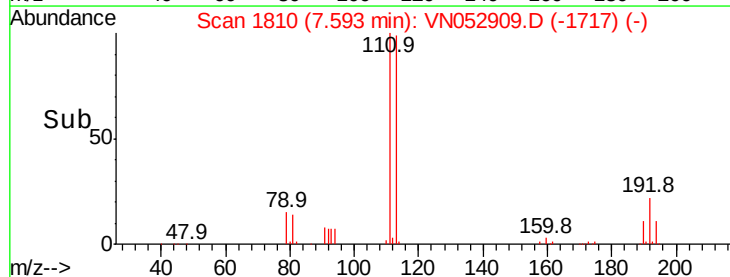
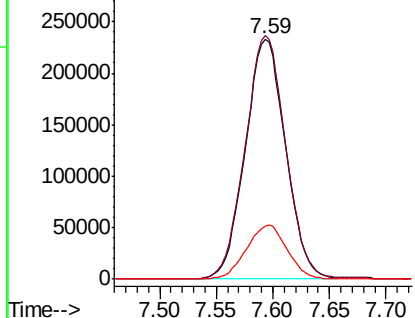
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052909.D
 Acq: 15 Dec 2018 00:26

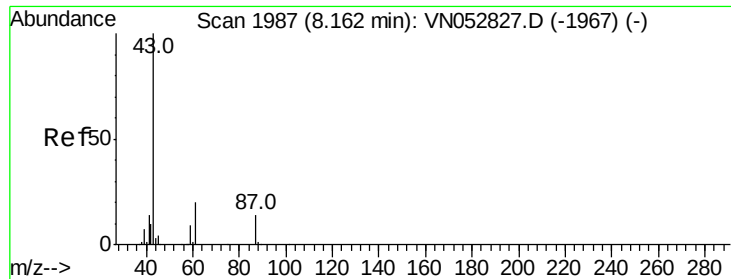
Tgt Ion:113 Resp: 578721

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	22.7	17.5	26.3



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





#43

Isopropyl Acetate

Concen: 2.871 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA_N

ClientSampleId :

TP-8-A

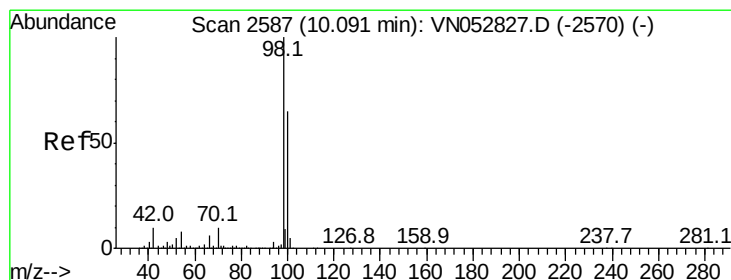
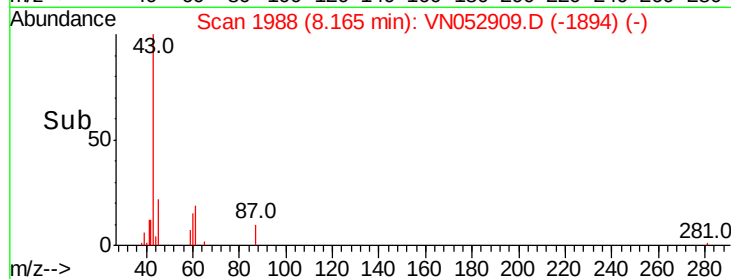
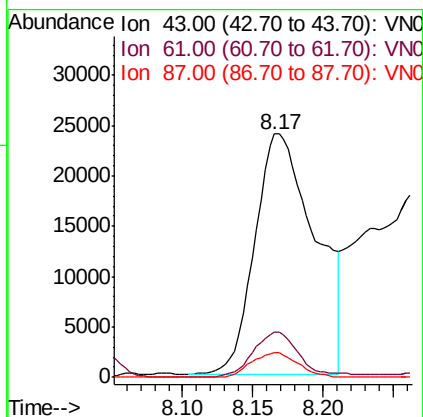
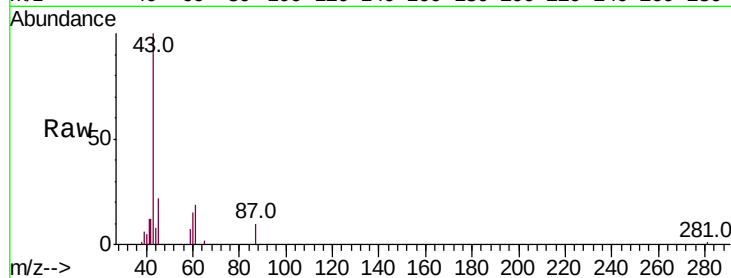
Tot Ion: 43 Resp: 70760

Ion Ratio Lower Upper

43 100

61 14.0 22.9 34.3#

87 7.9 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052909.D

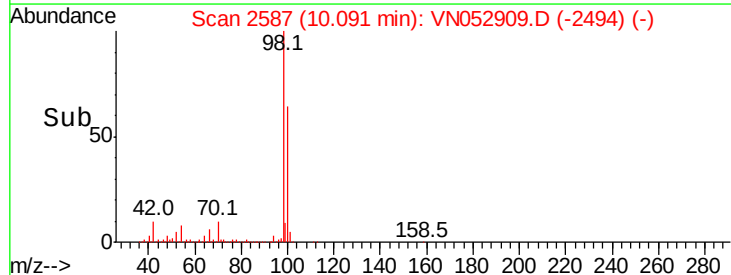
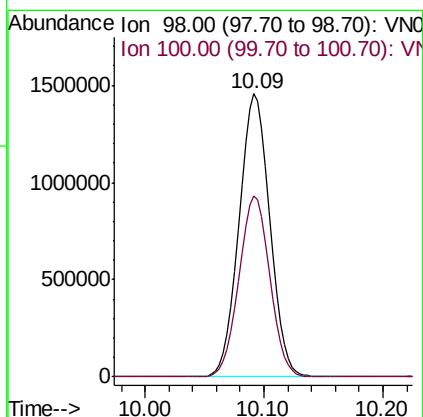
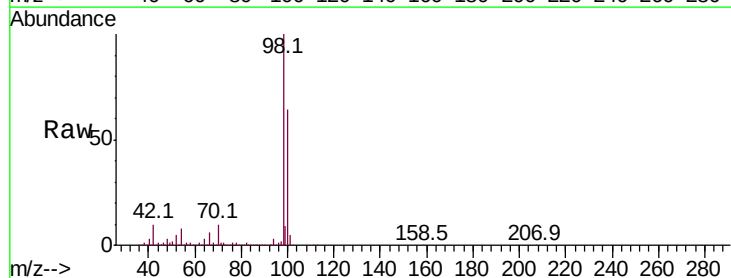
Acq: 15 Dec 2018 00:26

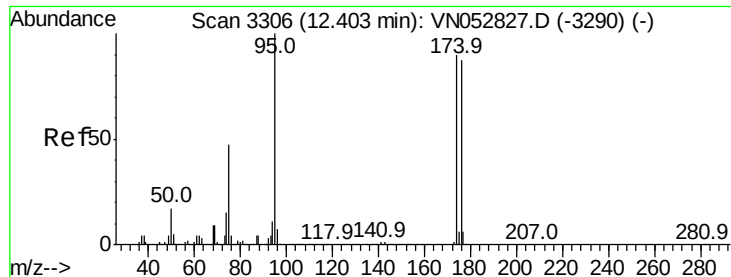
Tgt Ion: 98 Resp: 2608580

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4

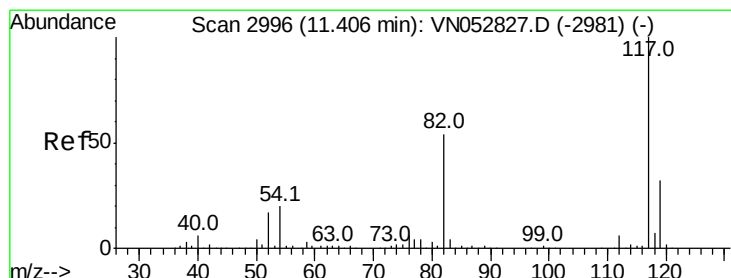
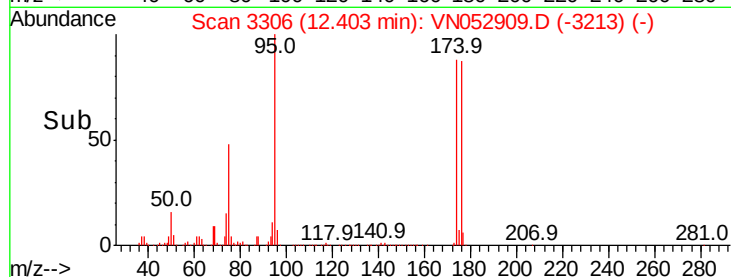
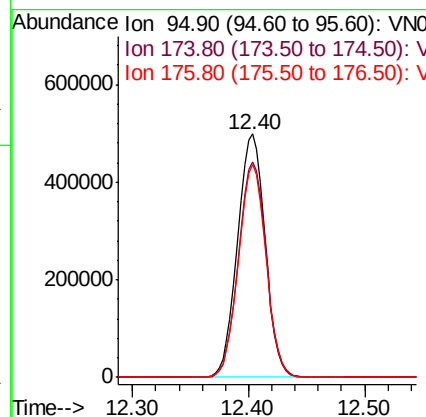
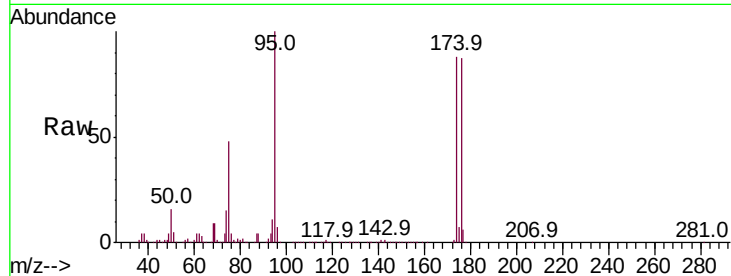




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052909.D
Acq: 15 Dec 2018 00:26

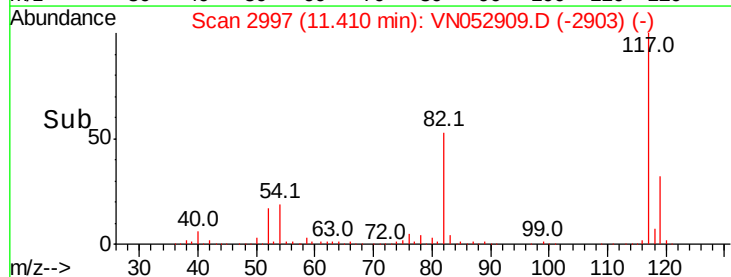
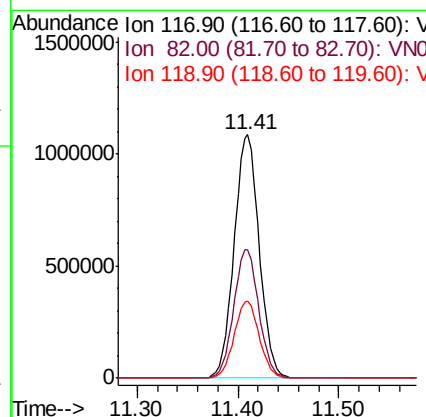
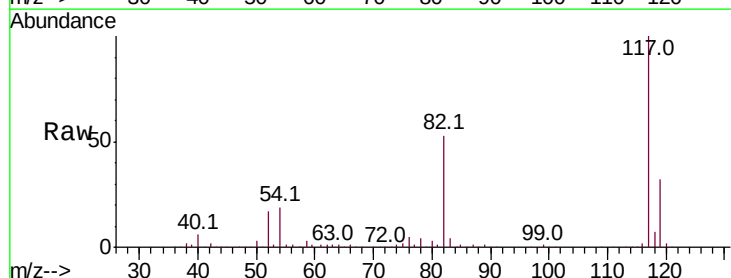
Instrument :
MSVOA_N
ClientSampleId :
TP-8-A

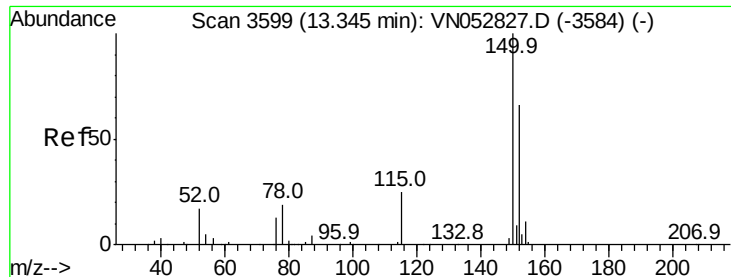
Tot Ion: 95 Resp: 818814
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.8
176 86.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052909.D
Acq: 15 Dec 2018 00:26

Tgt Ion: 117 Resp: 1879629
Ion Ratio Lower Upper
117 100
82 52.6 42.8 64.2
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA_N

ClientSampled :

TP-8-A

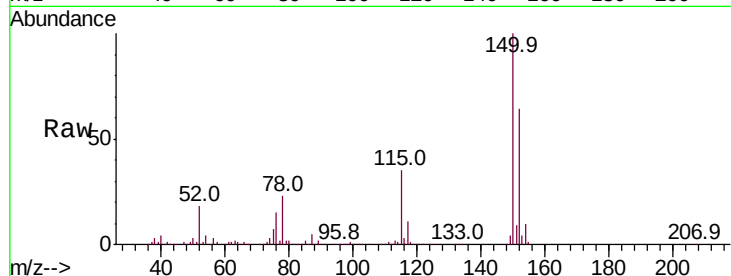
Tot Ion:152 Resp: 730593

Ion Ratio Lower Upper

152 100

115 55.4 28.3 85.0

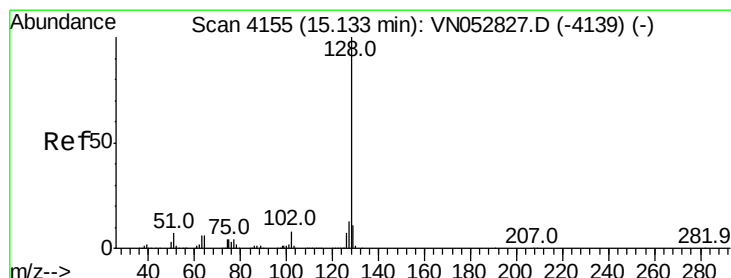
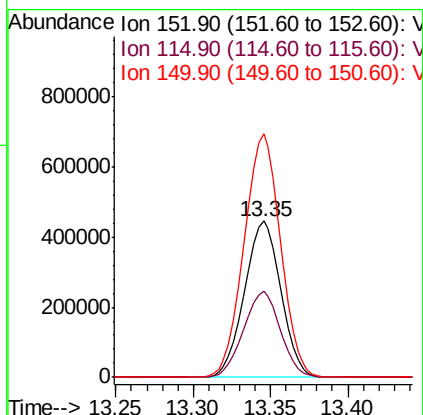
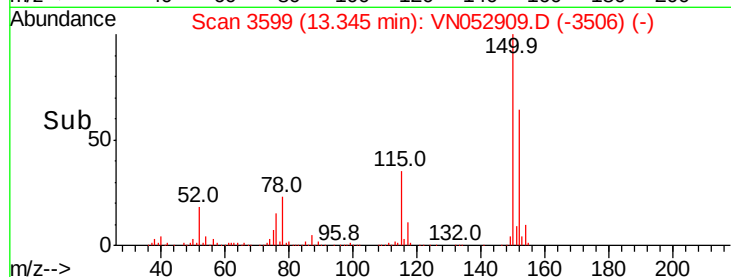
150 156.3 0.0 347.8



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



#95

Naphthalene

Concen: 3.439 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

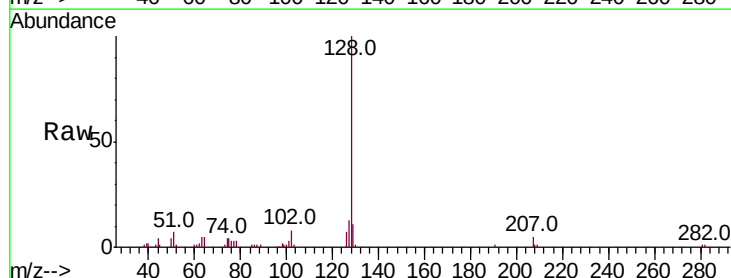
Tgt Ion:128 Resp: 91837

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.6 13.0



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

