

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052906.D
 Acq On : 14 Dec 2018 23:06
 Operator : MD\SY
 Sample : J6403-48
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-B

Quant Time: Dec 15 03:59:49 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

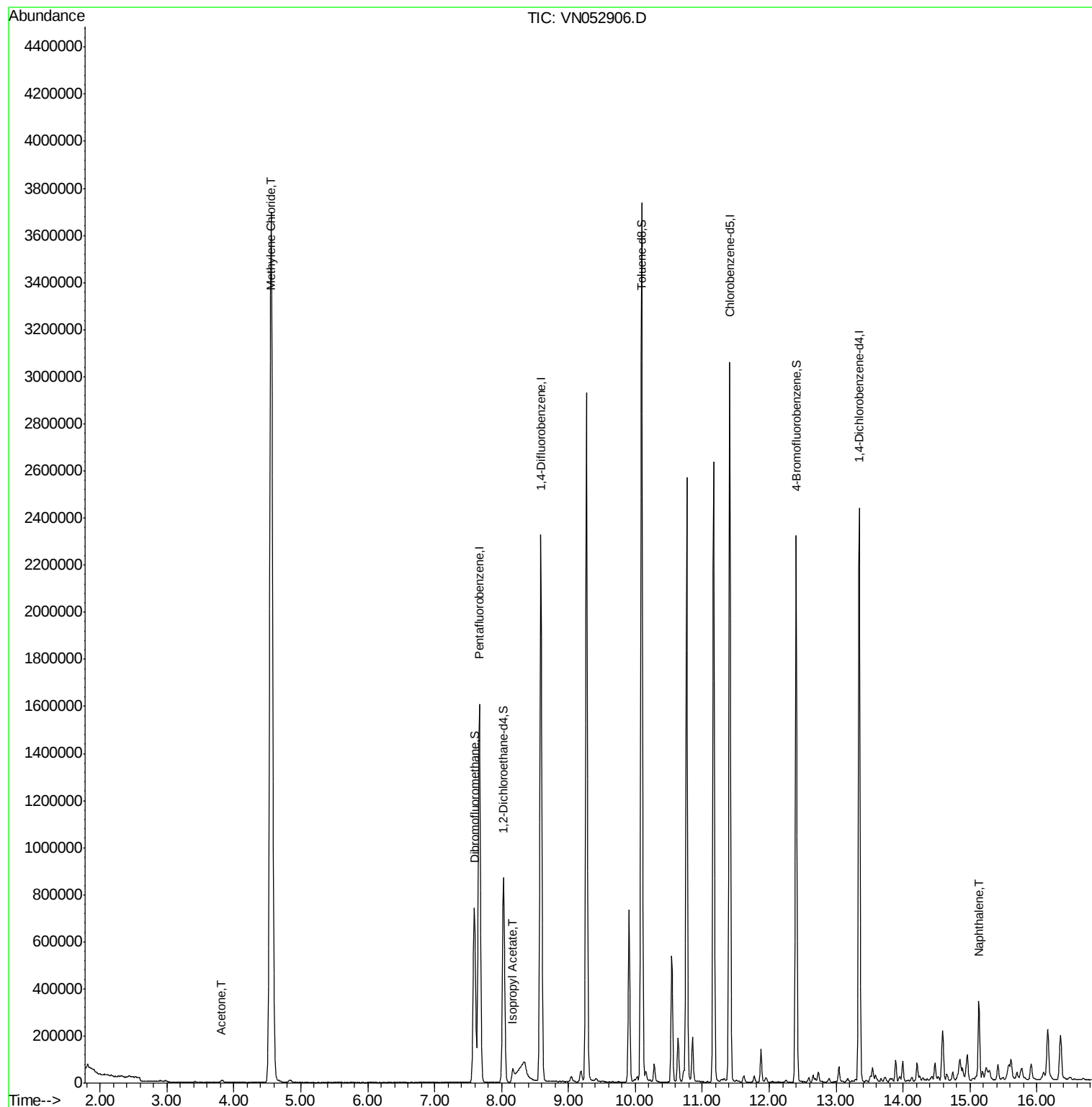
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1427179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2183137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1869420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	689801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	727474	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	7.59	113	573639	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	10.09	98	2637360	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	803383	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
16) Acetone	3.82	43	20579	6.038	ug/l	94
20) Methylene Chloride	4.56	84	2876435	187.540	ug/l	98
43) Isopropyl Acetate	8.17	43	72681	2.935	ug/l #	78
95) Naphthalene	15.13	128	294883	11.697	ug/l	100

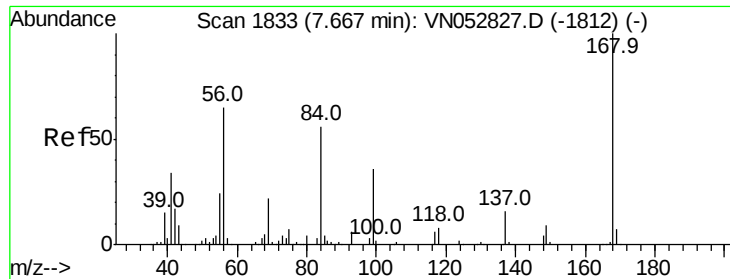
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1833

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

ClientSampleId :

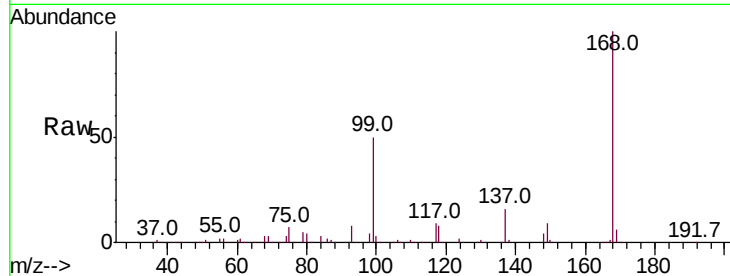
TP-6-B

Tot Ion:168 Resp: 1427179

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

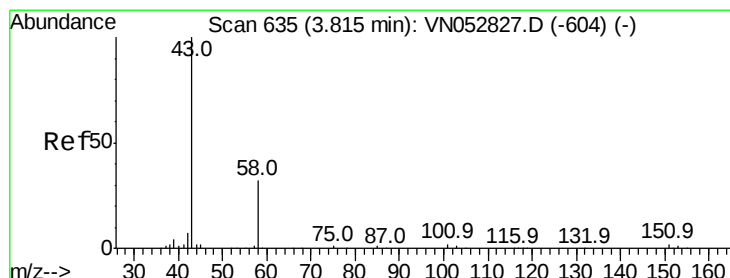
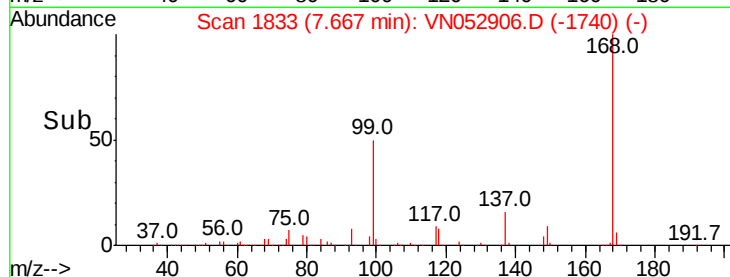
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 6.038 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052906.D

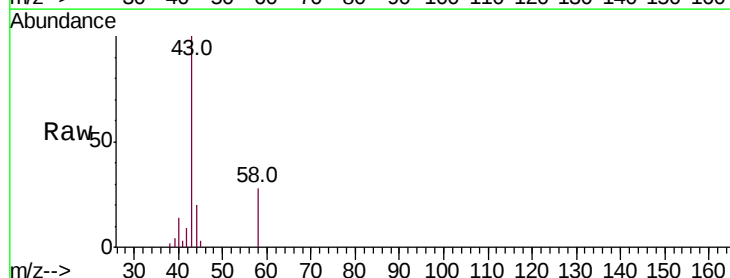
Acq: 14 Dec 2018 23:06

Tgt Ion: 43 Resp: 20579

Ion Ratio Lower Upper

43 100

58 28.3 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

8000

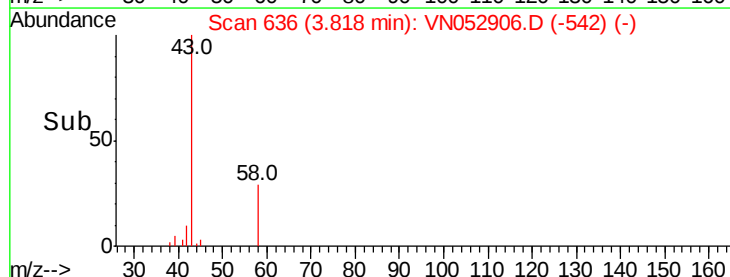
6000

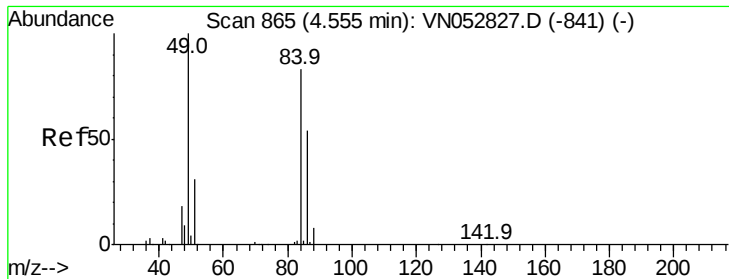
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 187.540 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :
MSVOA_N
ClientSampleId :
TP-6-B

Tot Ion: 84 Resp: 2876435

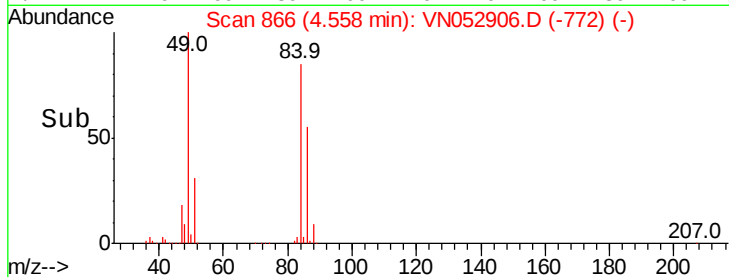
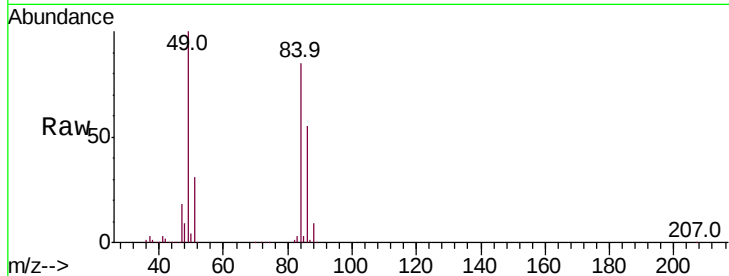
Ion Ratio Lower Upper

84 100

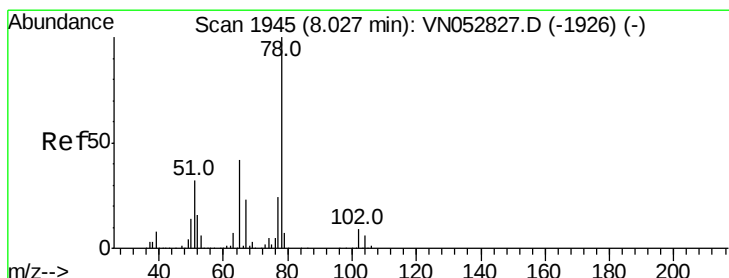
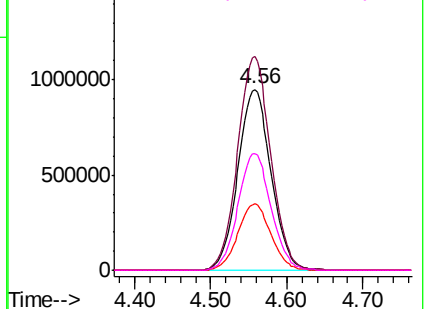
49 118.0 96.8 145.2

51 36.5 29.9 44.9

86 64.6 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: VN052906.D

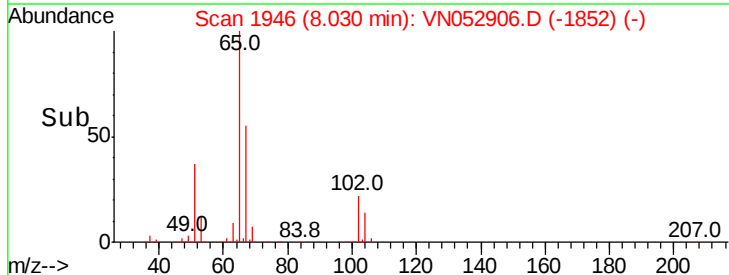
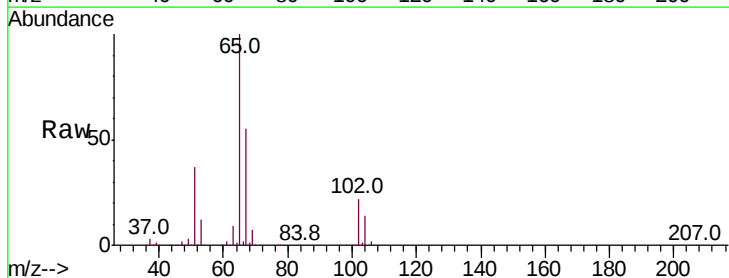
Acq: 14 Dec 2018 23:06

Tgt Ion: 65 Resp: 727474

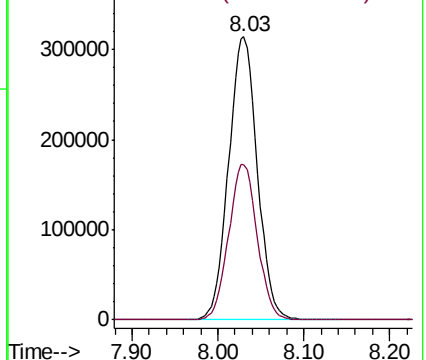
Ion Ratio Lower Upper

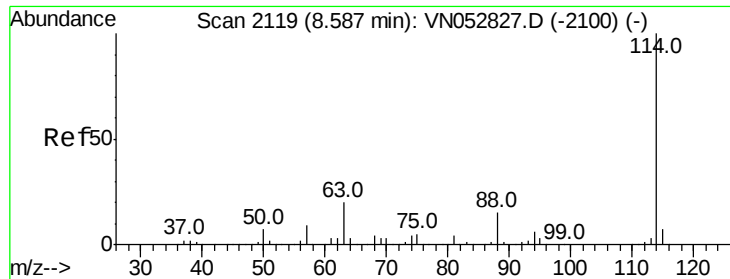
65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



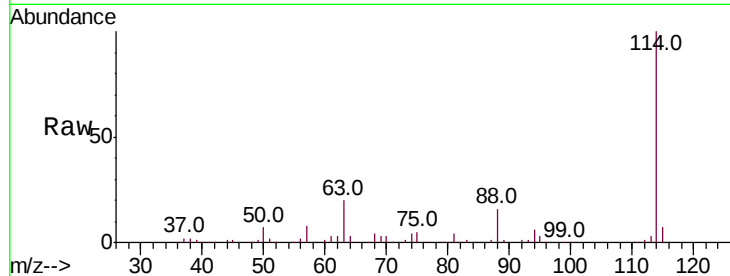


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

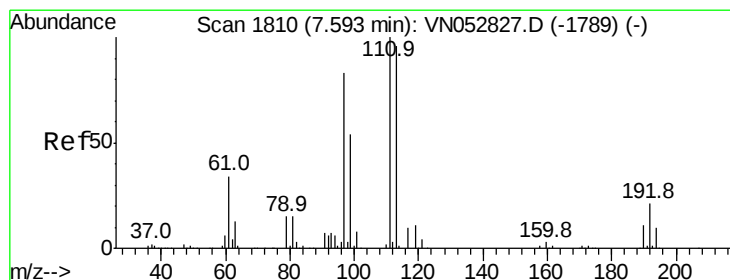
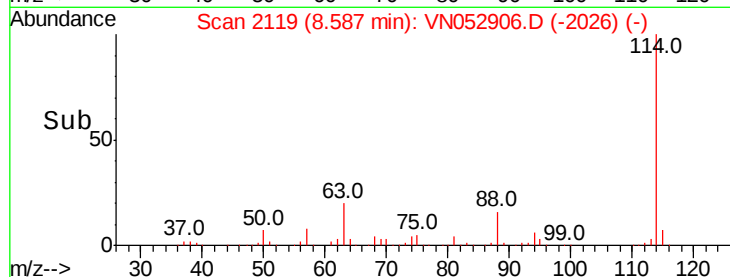
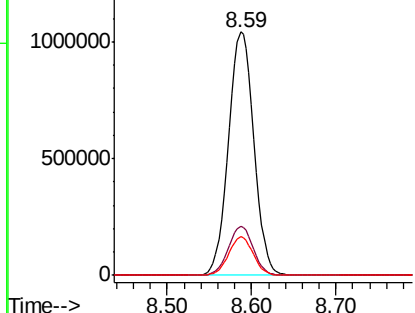
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-B

Tot Ion:114 Resp: 2183137

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	15.7	0.0	31.0



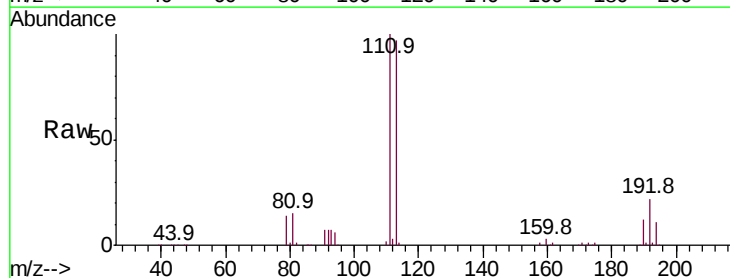
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



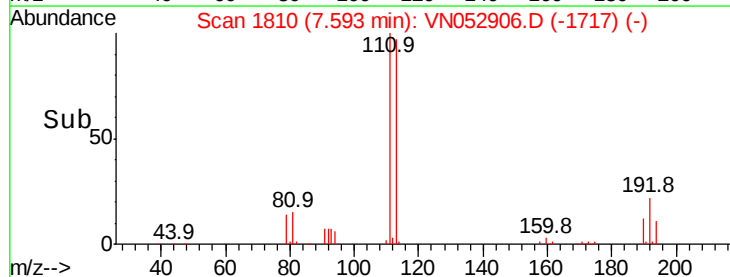
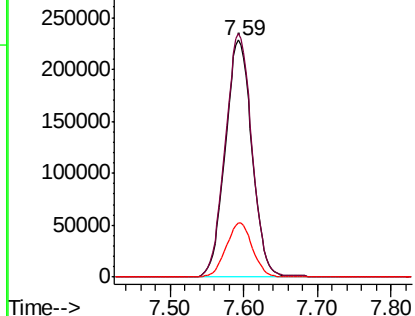
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

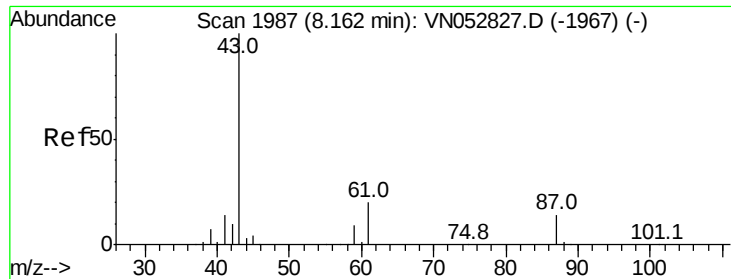
Tgt Ion:113 Resp: 573639

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	22.6	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: 2.935 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

ClientSampled :

TP-6-B

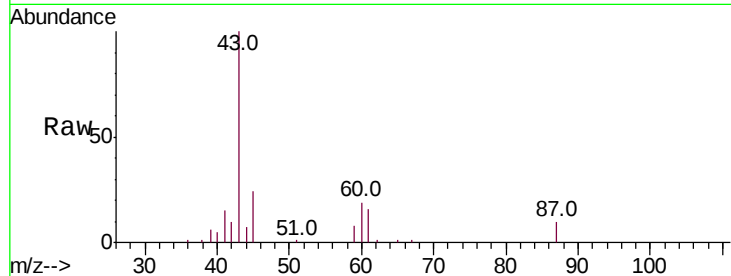
Tot Ion: 43 Resp: 72681

Ion Ratio Lower Upper

43 100

61 14.0 22.9 34.3#

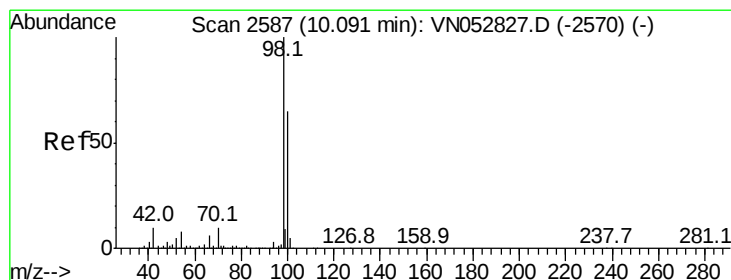
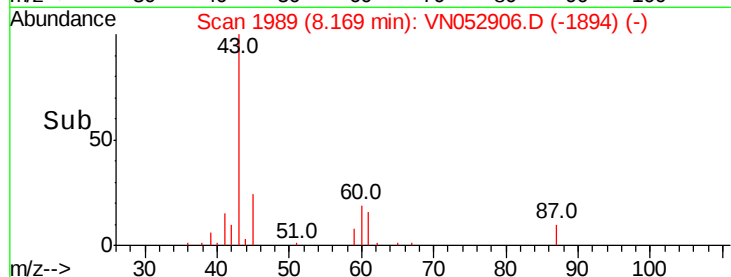
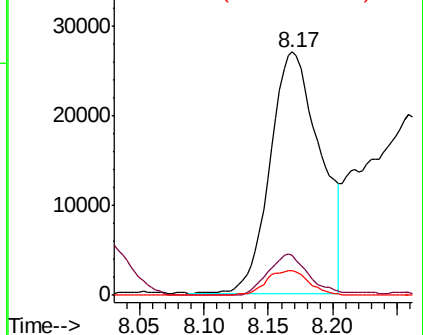
87 8.8 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052906.D

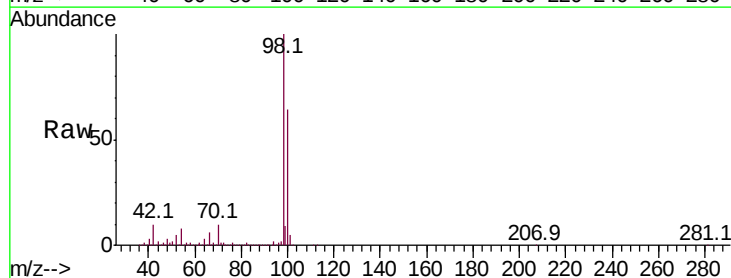
Acq: 14 Dec 2018 23:06

Tgt Ion: 98 Resp: 2637360

Ion Ratio Lower Upper

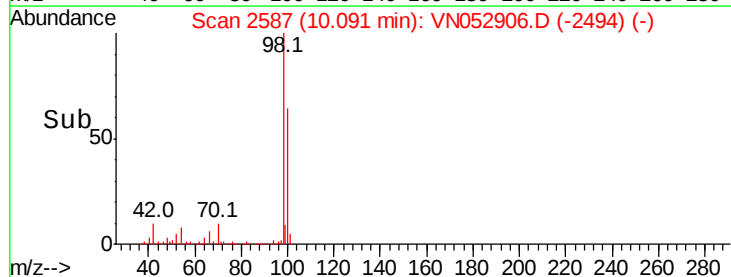
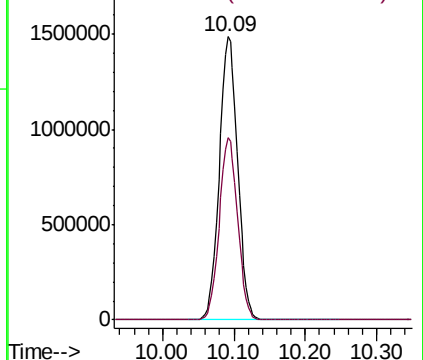
98 100

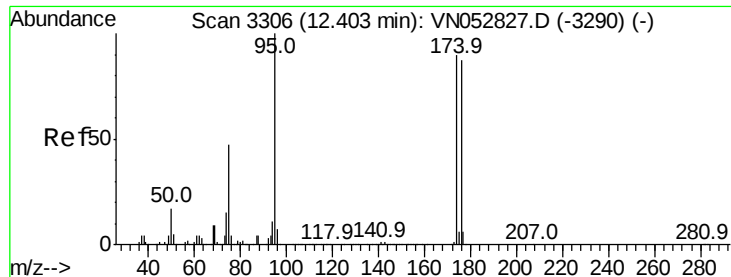
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

Instrument :

MSVOA_N

ClientSampleId :

TP-6-B

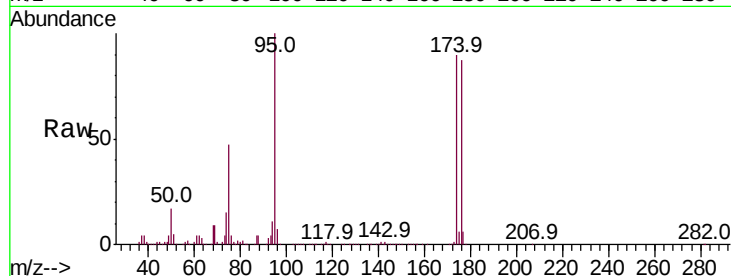
Tot Ion: 95 Resp: 803383

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.8

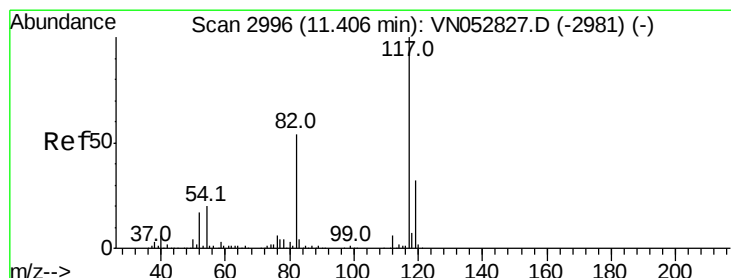
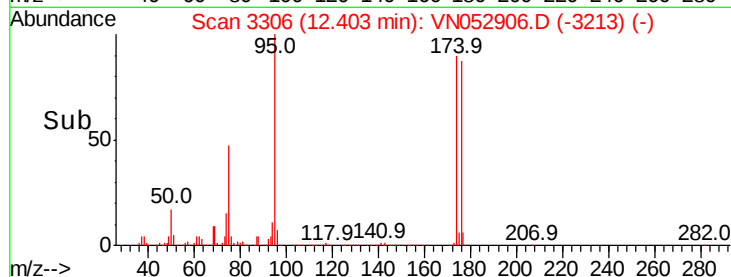
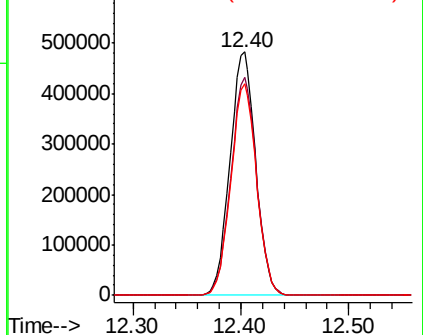
176 86.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052906.D

Acq: 14 Dec 2018 23:06

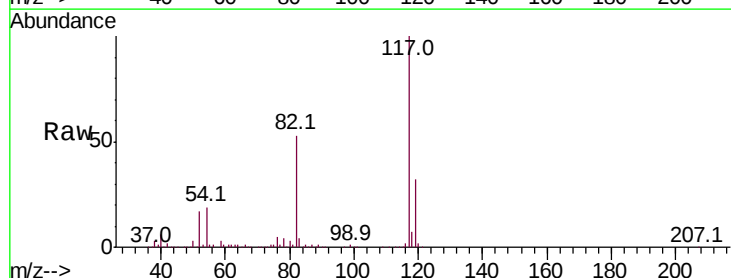
Tgt Ion: 117 Resp: 1869420

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

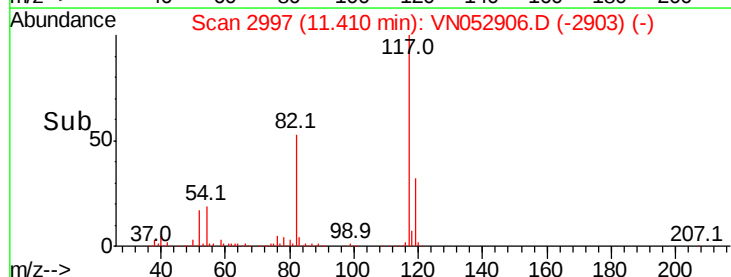
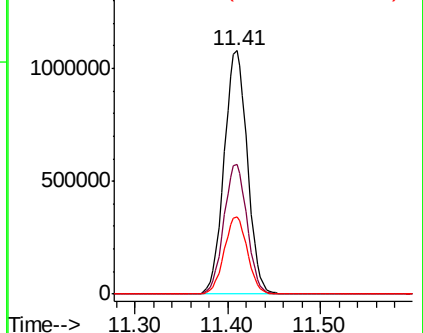
119 32.0 25.5 38.3

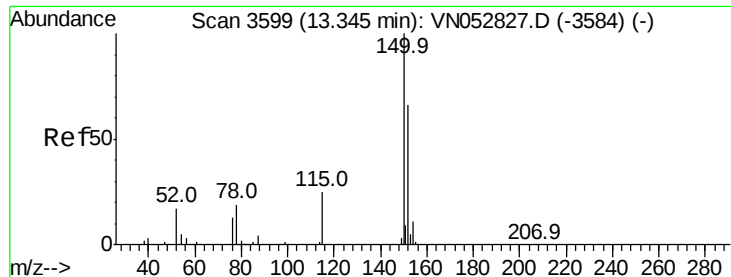


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

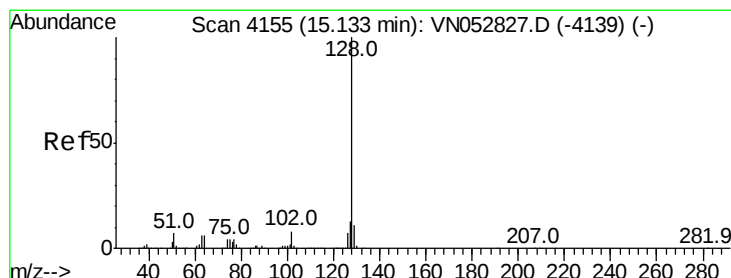
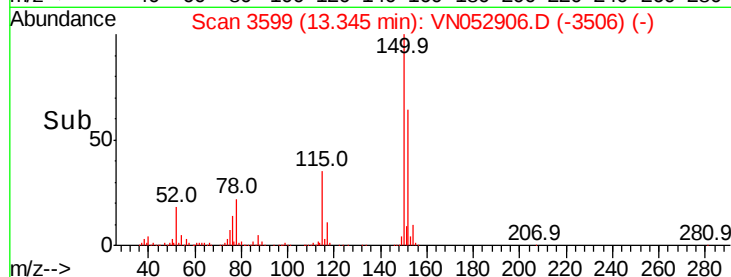
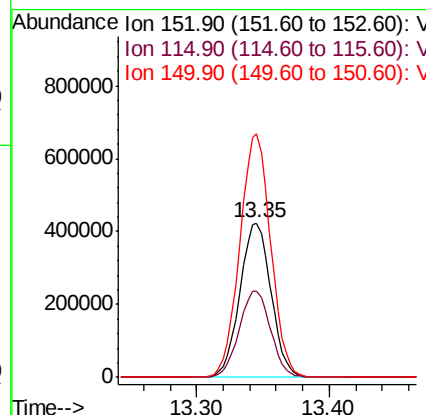
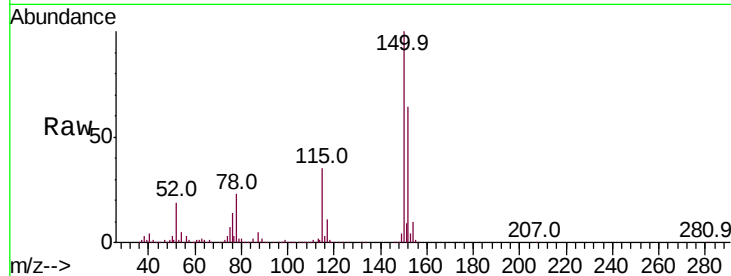




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Instrument :
 MSVOA_N
 ClientSampled :
 TP-6-B

Tot Ion:152 Resp: 689801
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.3 85.0
 150 156.5 0.0 347.8



#95
 Naphthalene
 Concen: 11.697 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN052906.D
 Acq: 14 Dec 2018 23:06

Tgt Ion:128 Resp: 294883
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.2 15.4
 129 10.7 8.6 13.0

