

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052869.D
 Acq On : 13 Dec 2018 17:21
 Operator : MD\SY
 Sample : PB115614TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115614TB

Quant Time: Dec 14 03:12:40 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

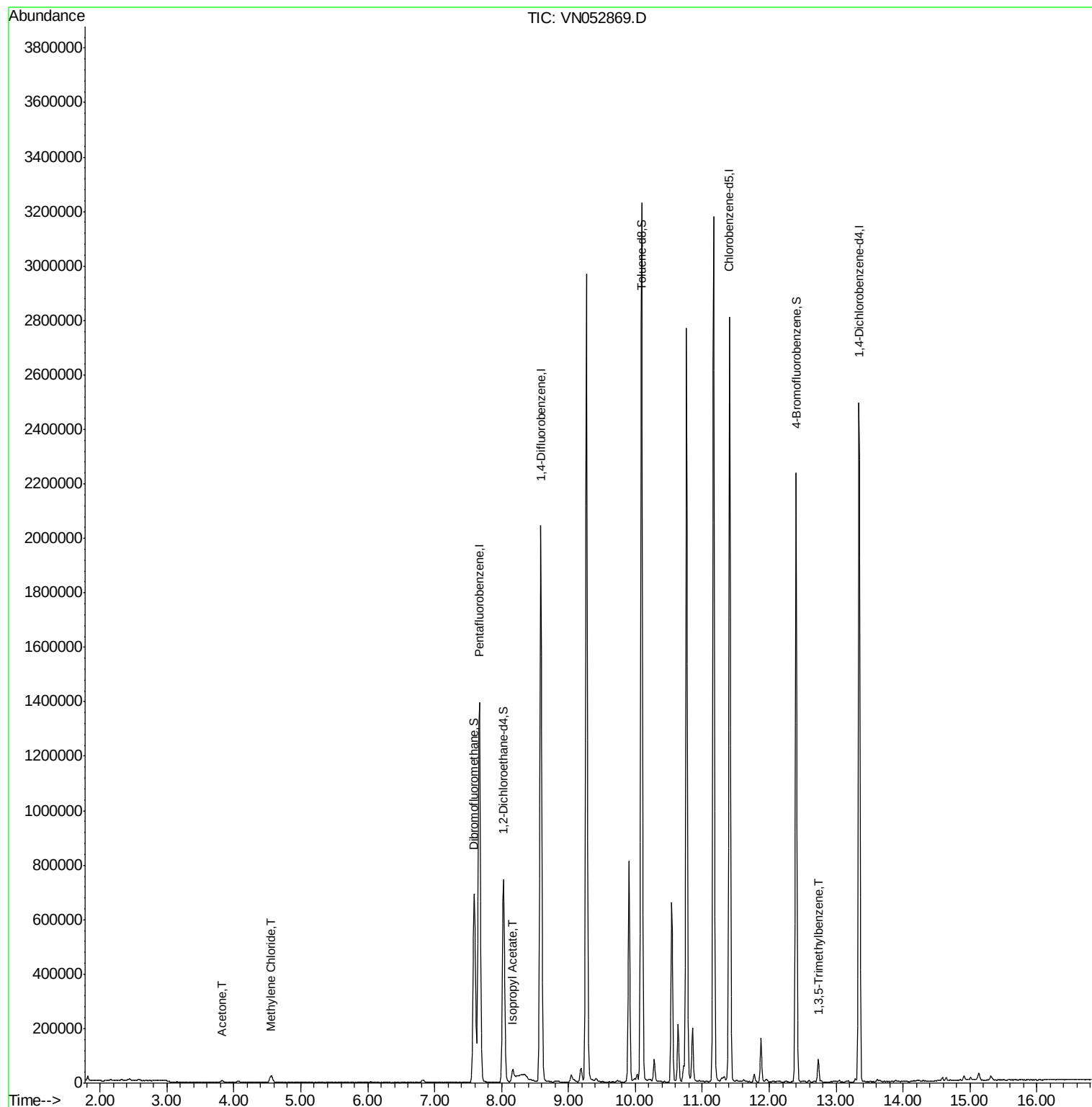
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1243268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1894216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1708529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	708438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	626433	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	7.59	113	532131	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.09	98	2323666	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	772984	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
Target Compounds						
16) Acetone	3.83	43	12859	4.331	ug/l	91
20) Methylene Chloride	4.55	84	18378	1.375	ug/l	97
43) Isopropyl Acetate	8.17	43	65896	3.067	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.73	105	44353	1.039	ug/l	100

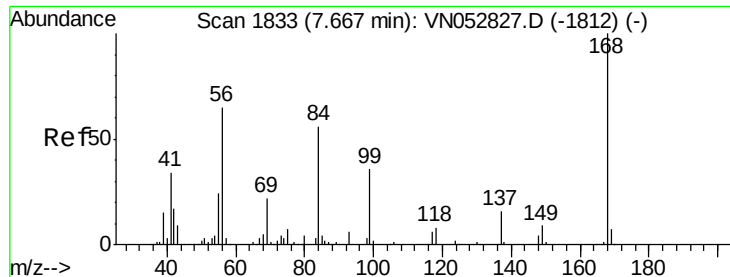
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052869.D

Acq: 13 Dec 2018 17:21

Instrument :

MSVOA_N

ClientSampleId :

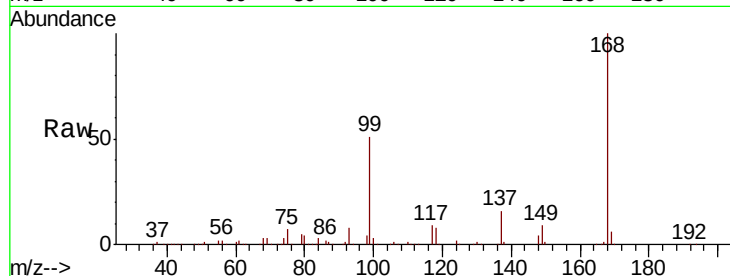
PB115614TB

Tot Ion:168 Resp: 1243268

Ion Ratio Lower Upper

168 100

99 50.8 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

500000

400000

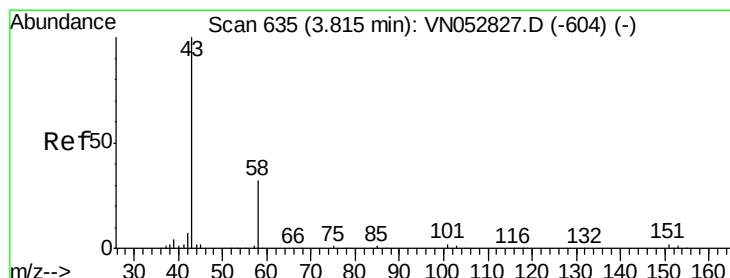
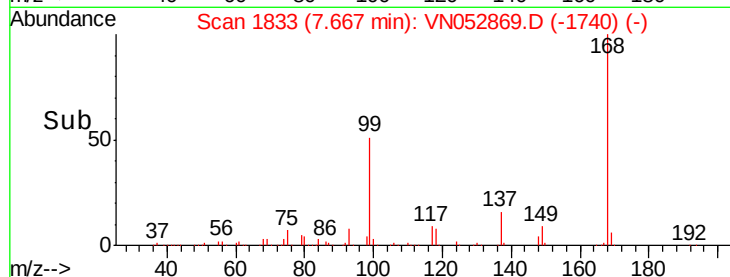
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.331 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052869.D

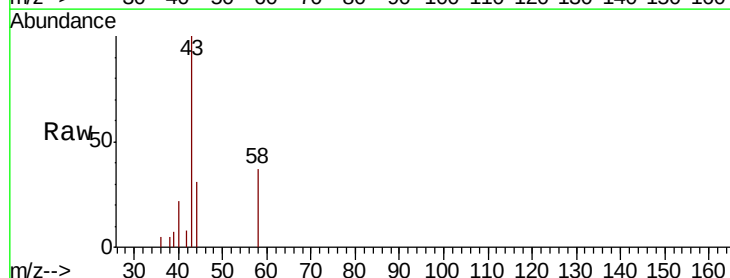
Acq: 13 Dec 2018 17:21

Tgt Ion: 43 Resp: 12859

Ion Ratio Lower Upper

43 100

58 36.9 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) (-)

3.83

4000

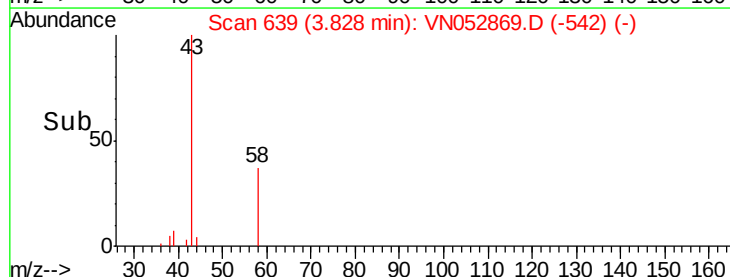
3000

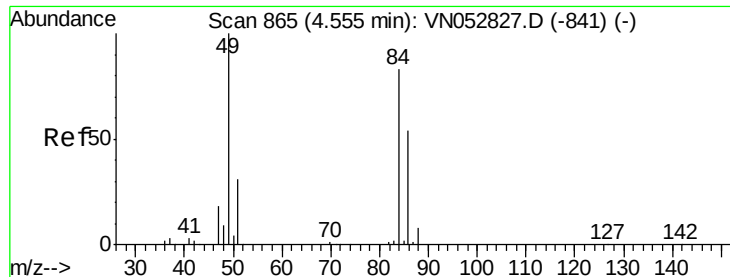
2000

1000

0

Time-->

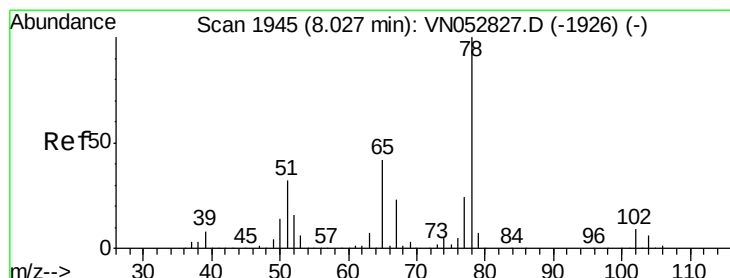
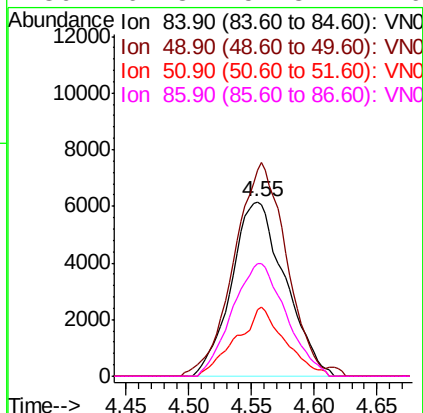
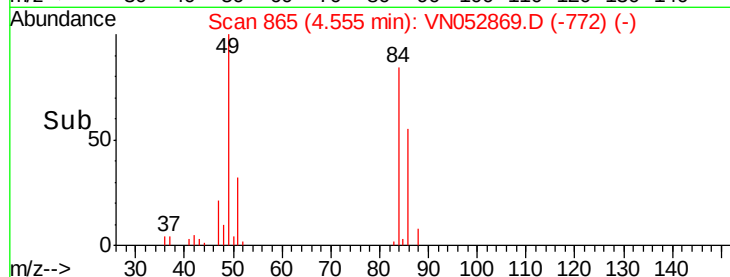
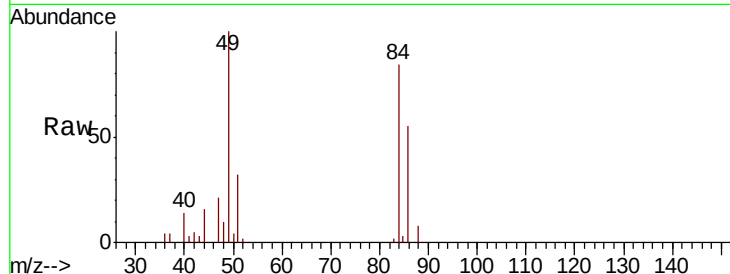




#20
Methvlene Chloride
Concen: 1.375 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052869.D
Acq: 13 Dec 2018 17:21

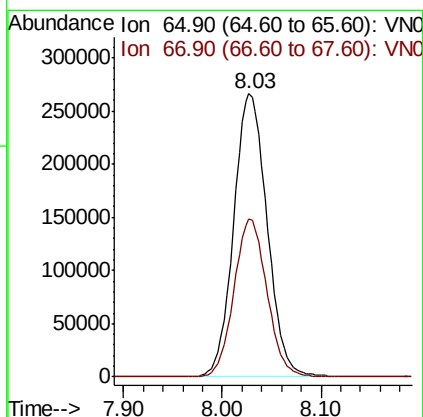
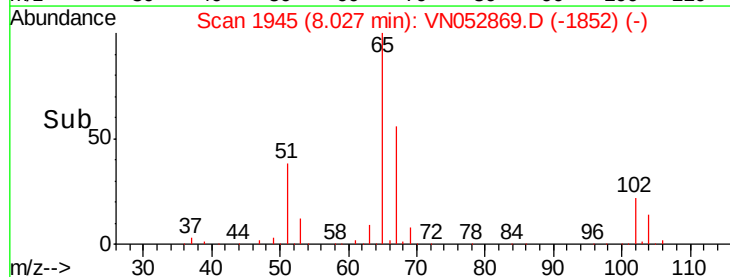
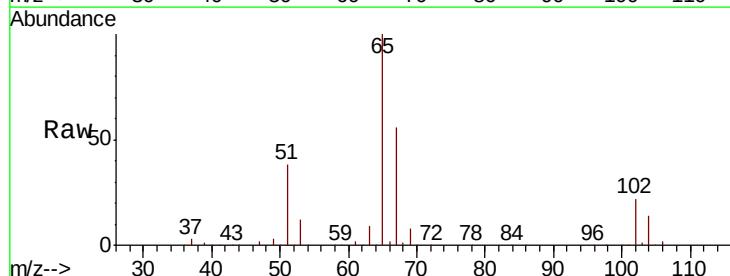
Instrument :
MSVOA_N
ClientSampleId :
PB115614TB

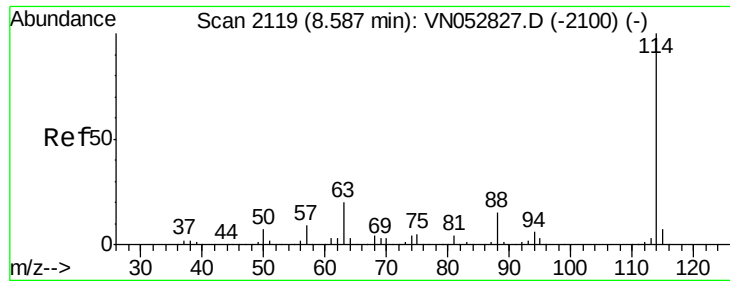
Tot Ion: 84 Resp: 18378
Ion Ratio Lower Upper
84 100
49 115.5 96.8 145.2
51 37.9 29.9 44.9
86 64.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052869.D
Acq: 13 Dec 2018 17:21

Tgt Ion: 65 Resp: 626433
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.4

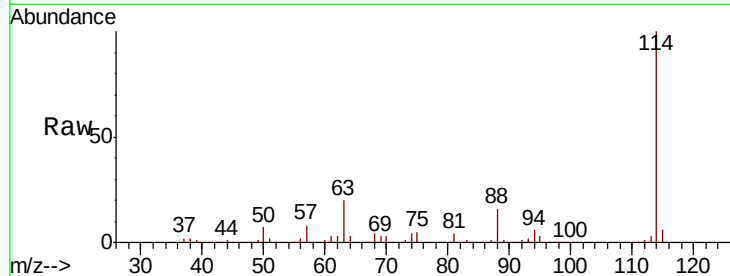




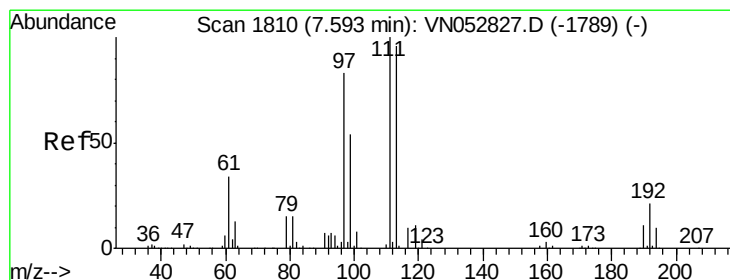
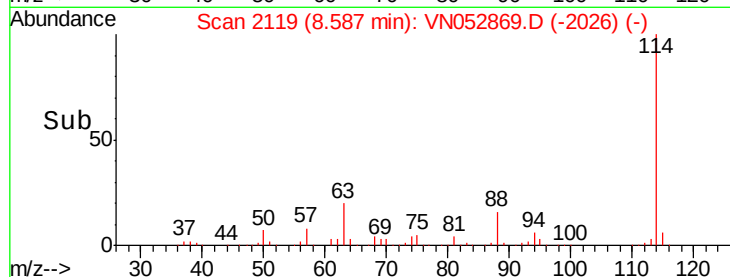
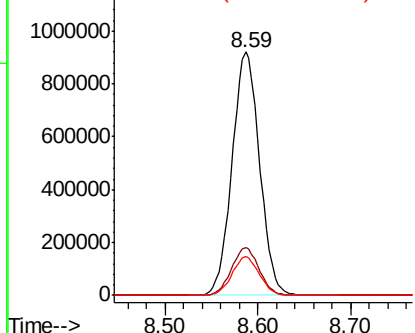
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052869.D
 Acq: 13 Dec 2018 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115614TB

Tot Ion:114 Resp: 1894216
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.7 0.0 31.0

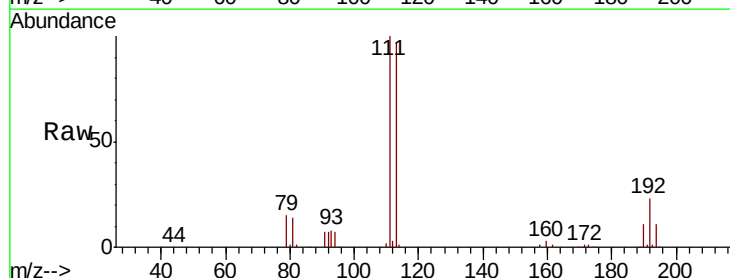


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

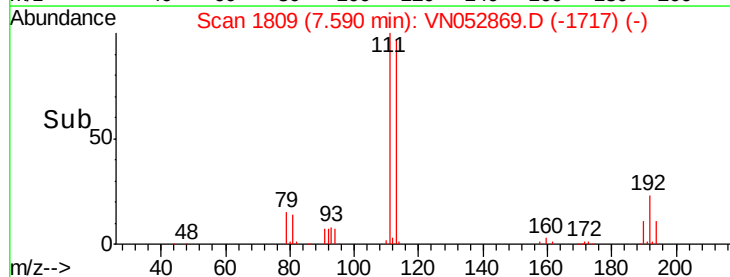
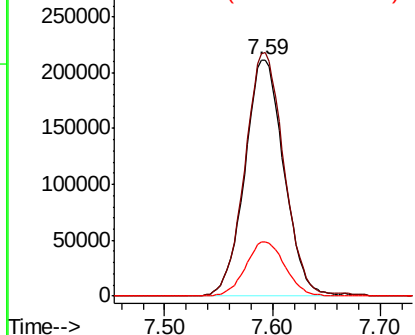


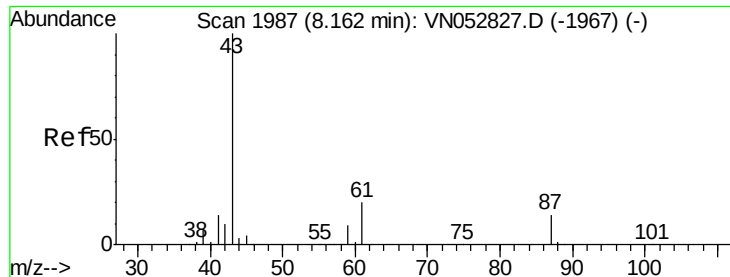
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052869.D
 Acq: 13 Dec 2018 17:21

Tgt Ion:113 Resp: 532131
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.4
 192 23.3 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: 3.067 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052869.D

Acq: 13 Dec 2018 17:21

Instrument :

MSVOA_N

ClientSampleId :

PB115614TB

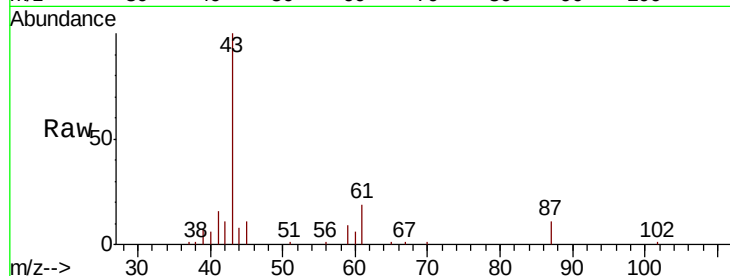
Tot Ion: 43 Resp: 65896

Ion Ratio Lower Upper

43 100

61 16.9 22.9 34.3#

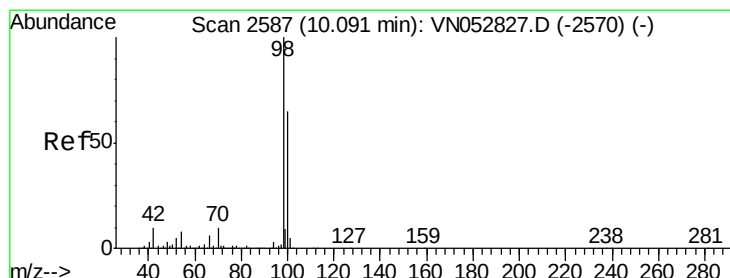
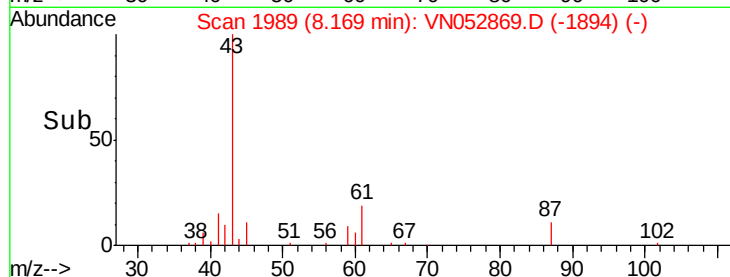
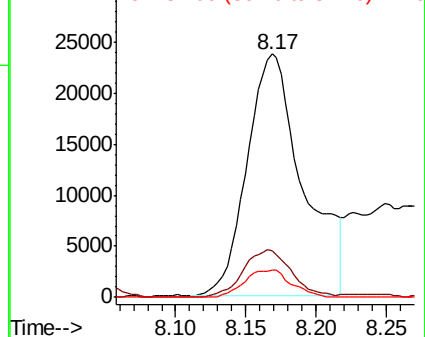
87 9.4 10.6 15.8#



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: VN052869.D

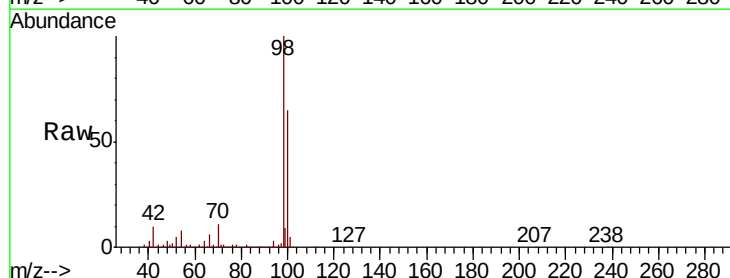
Acq: 13 Dec 2018 17:21

Tgt Ion: 98 Resp: 2323666

Ion Ratio Lower Upper

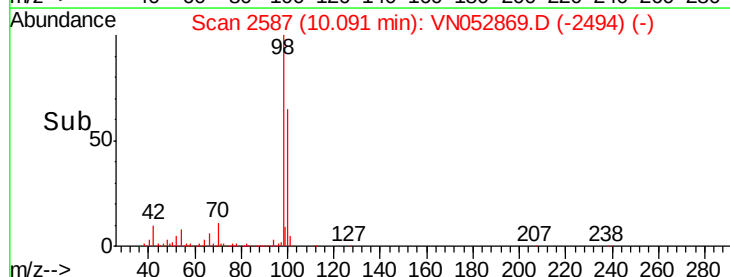
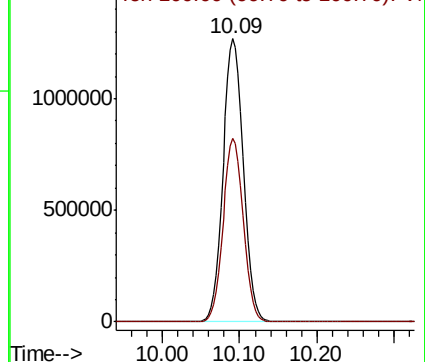
98 100

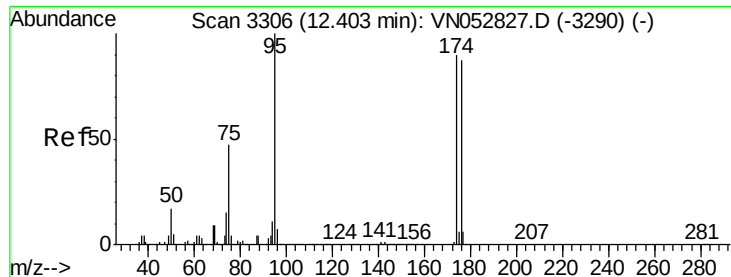
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052869.D

Acq: 13 Dec 2018 17:21

Instrument :

MSVOA_N

ClientSampleId :

PB115614TB

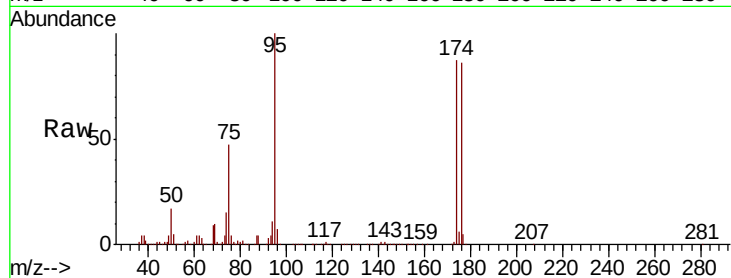
Tot Ion: 95 Resp: 772984

Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

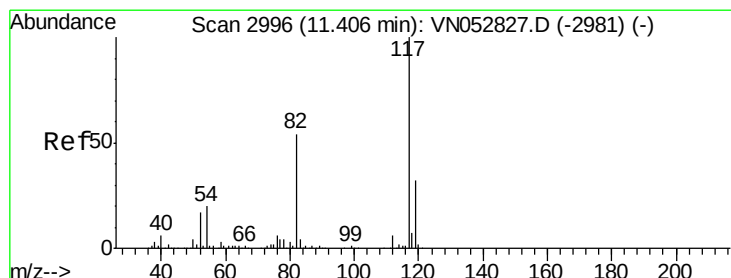
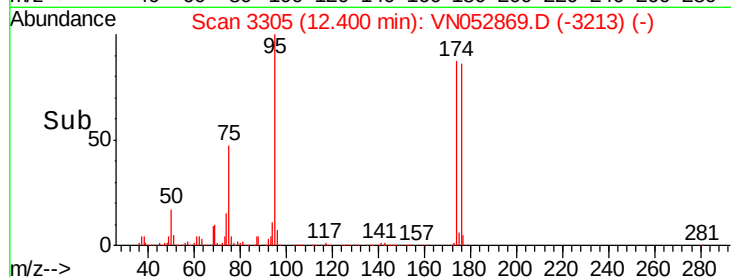
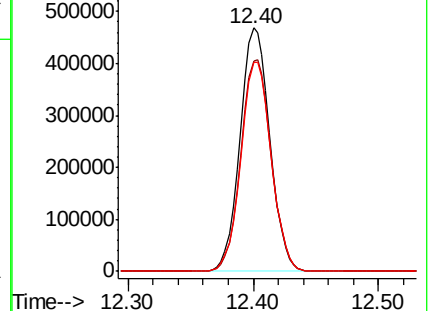
176 87.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052869.D

Acq: 13 Dec 2018 17:21

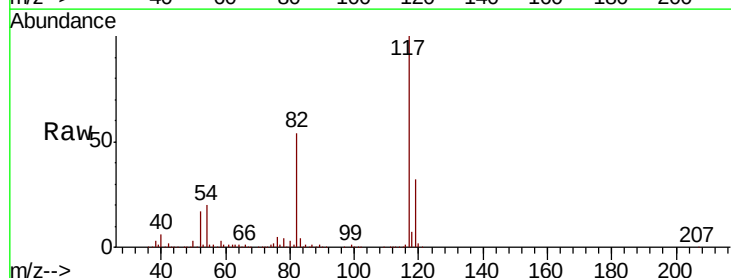
Tgt Ion: 117 Resp: 1708529

Ion Ratio Lower Upper

117 100

82 53.8 42.8 64.2

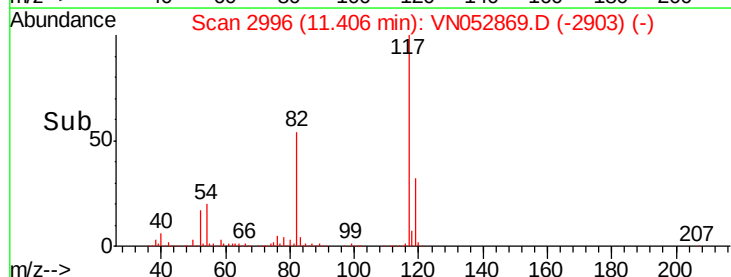
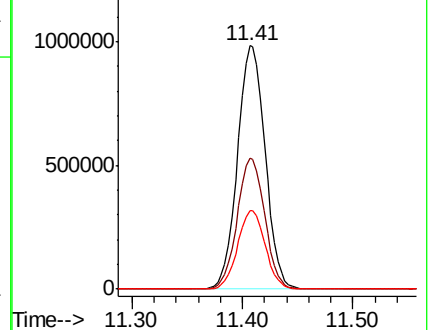
119 32.2 25.5 38.3

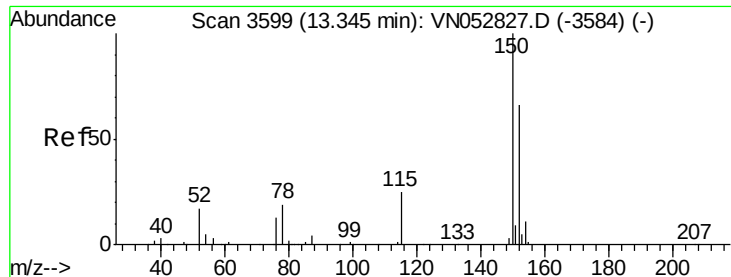


Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052869.D

Acq: 13 Dec 2018 17:21

Instrument :

MSVOA_N

ClientSampled :

PB115614TB

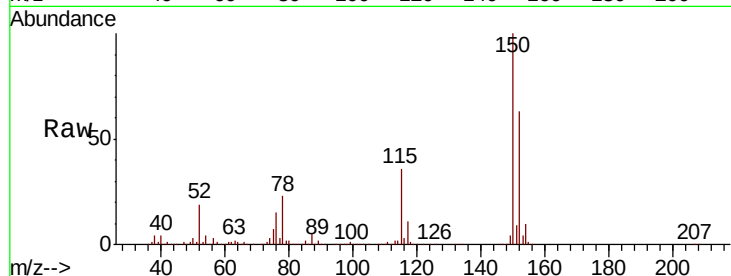
Tot Ion:152 Resp: 708438

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

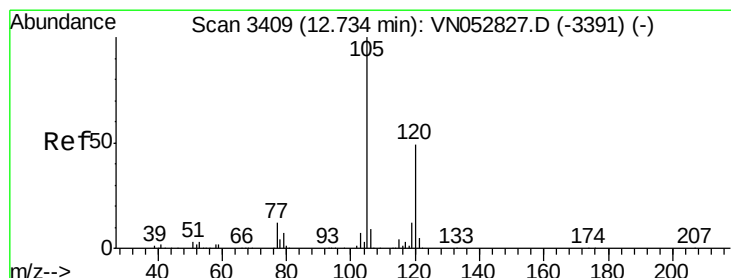
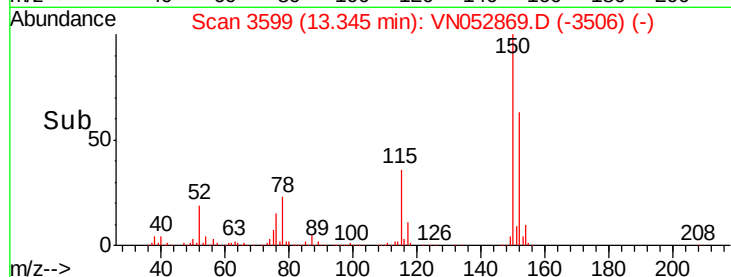
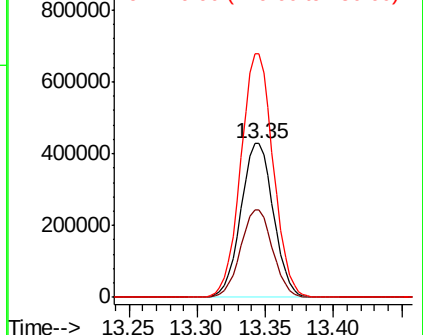
150 157.7 0.0 347.8



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



#80

1,3,5-Trimethylbenzene

Concen: 1.039 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052869.D

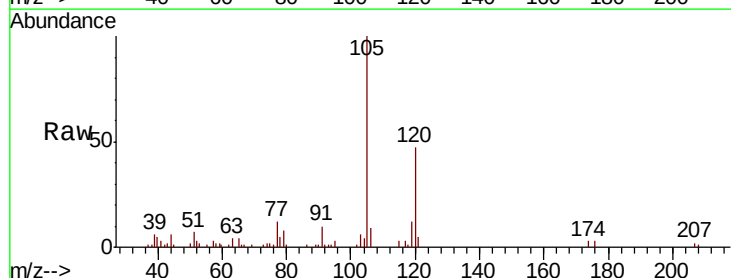
Acq: 13 Dec 2018 17:21

Tgt Ion:105 Resp: 44353

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

