

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052845.D
 Acq On : 12 Dec 2018 23:20
 Operator : MD\SY
 Sample : PB115564ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115564ZHE#09

Quant Time: Dec 13 04:56:59 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

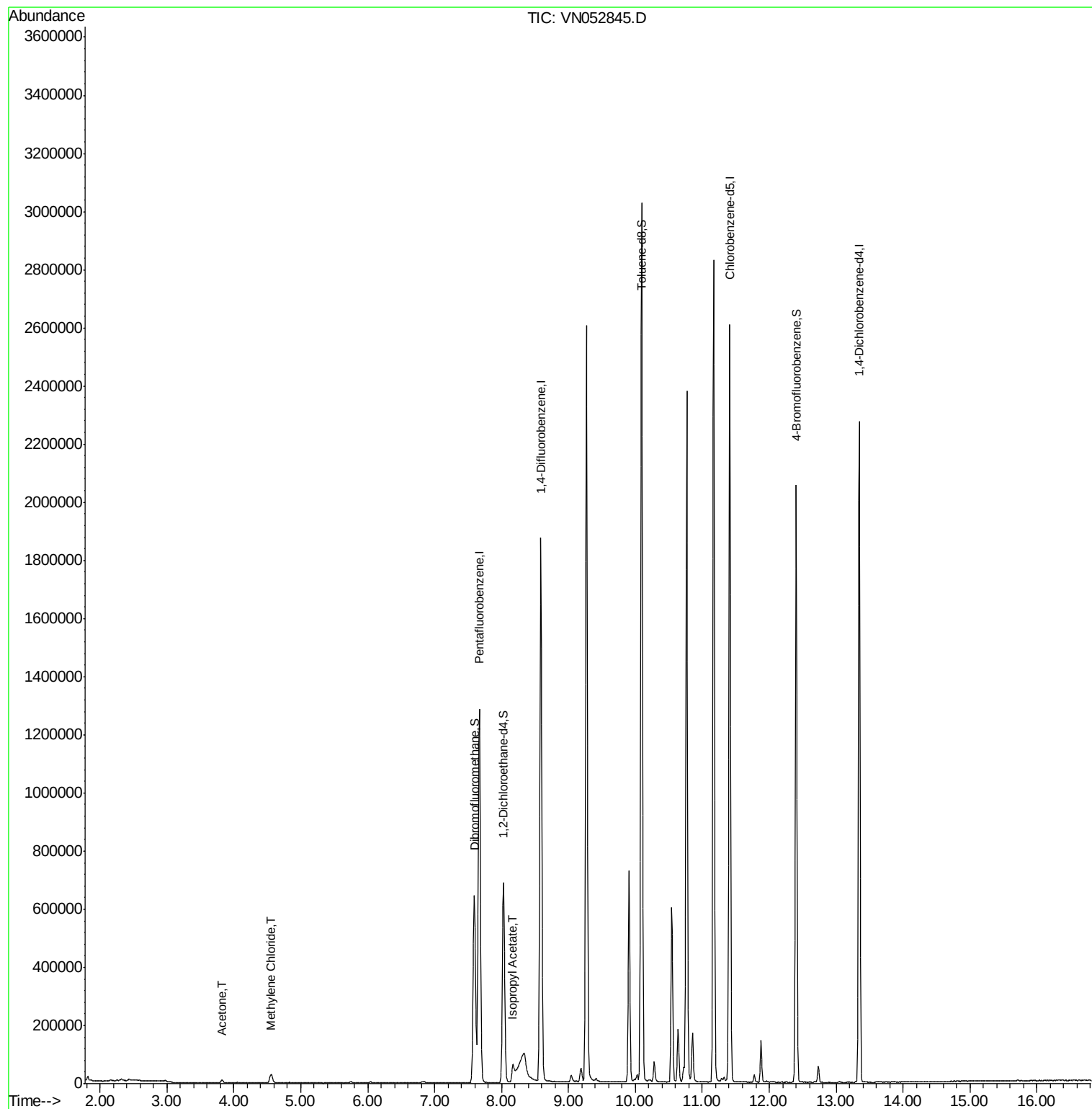
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1117452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1742632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1572430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	643589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	587651	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	501540	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	10.09	98	2147219	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	704357	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
Target Compounds						
16) Acetone	3.82	43	18683	7.001	ug/l	91
20) Methylene Chloride	4.56	84	23517	1.958	ug/l	92
43) Isopropyl Acetate	8.17	43	80239	4.060	ug/l #	74

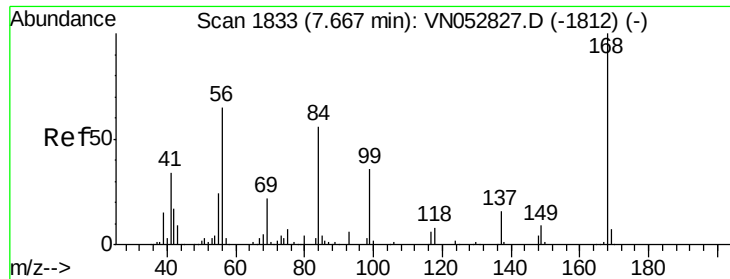
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052845.D

Acq: 12 Dec 2018 23:20

Instrument :

MSVOA_N

ClientSampleId :

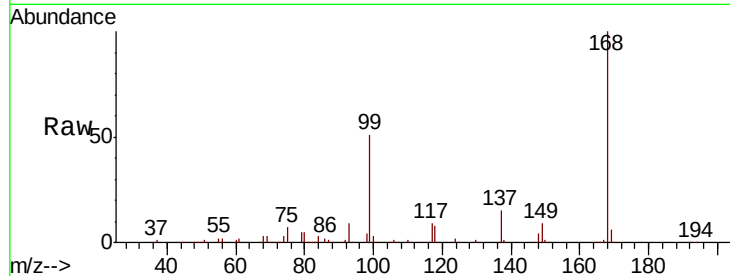
PB115564ZHE#09

Tot Ion:168 Resp: 1117452

Ion Ratio Lower Upper

168 100

99 50.6 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

500000

400000

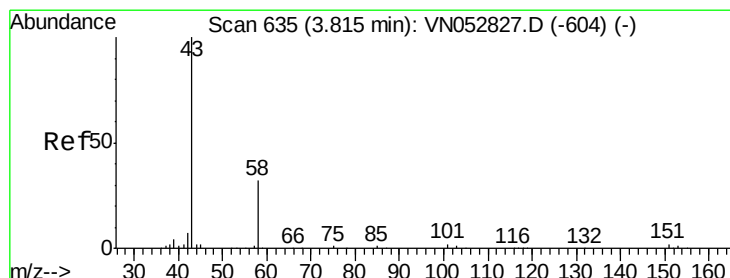
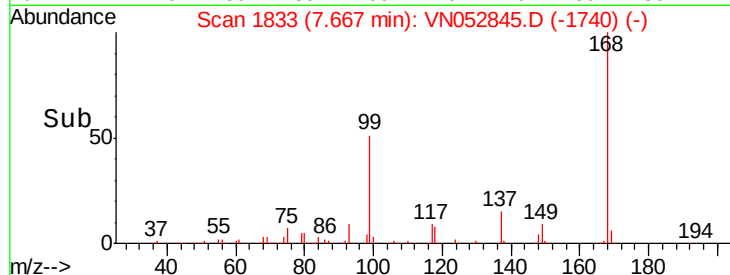
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.001 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052845.D

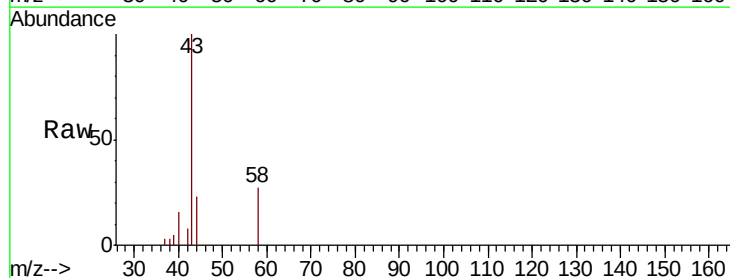
Acq: 12 Dec 2018 23:20

Tgt Ion: 43 Resp: 18683

Ion Ratio Lower Upper

43 100

58 26.9 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) (-)

3.82

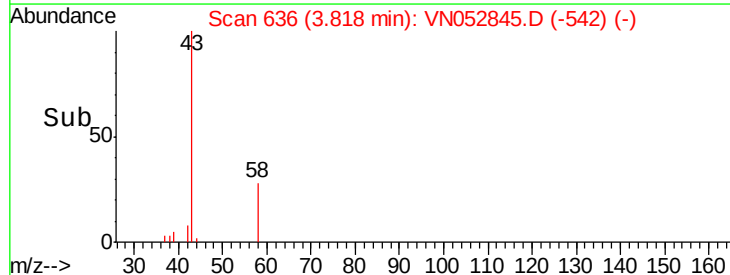
6000

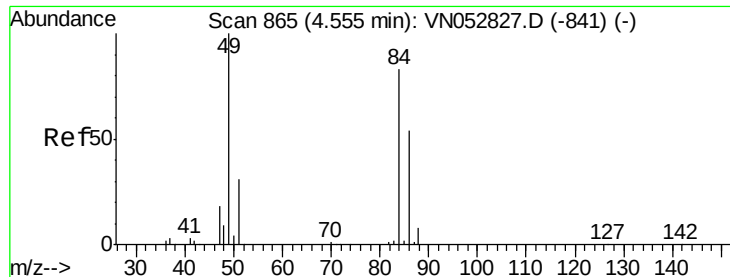
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.958 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052845.D

Acq: 12 Dec 2018 23:20

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#09

Tot Ion: 84 Resp: 23517

Ion	Ratio	Lower	Upper
84	100		
49	109.0	96.8	145.2
51	34.7	29.9	44.9
86	60.2	51.8	77.6

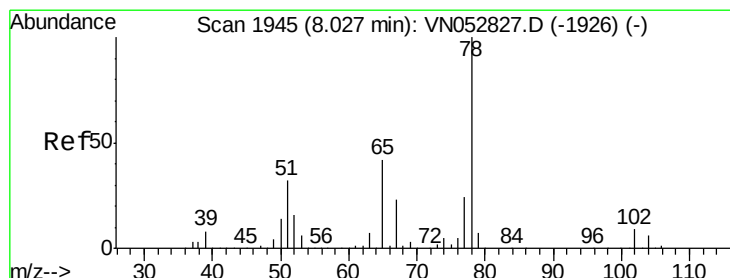
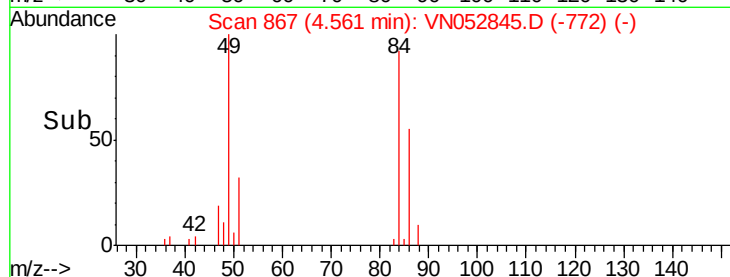
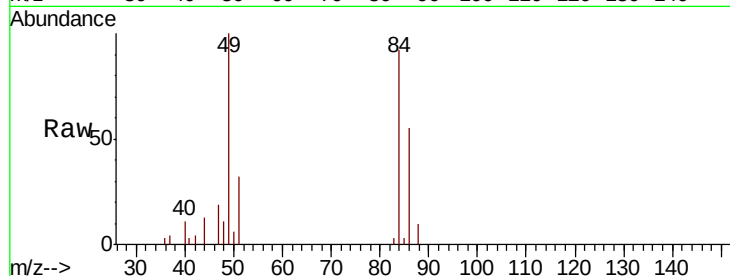
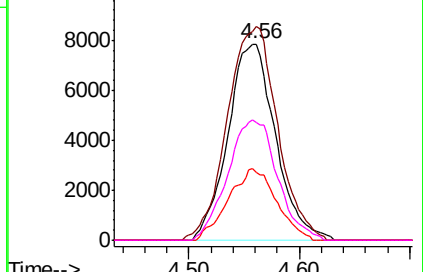
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052845.D

Acq: 12 Dec 2018 23:20

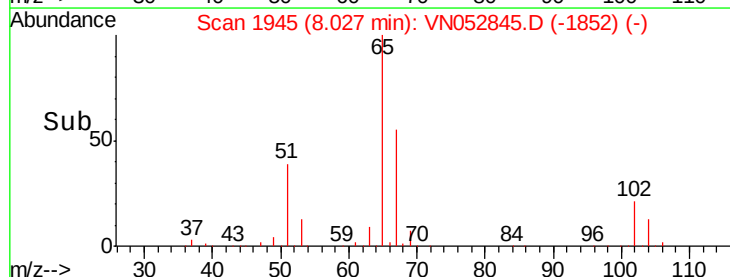
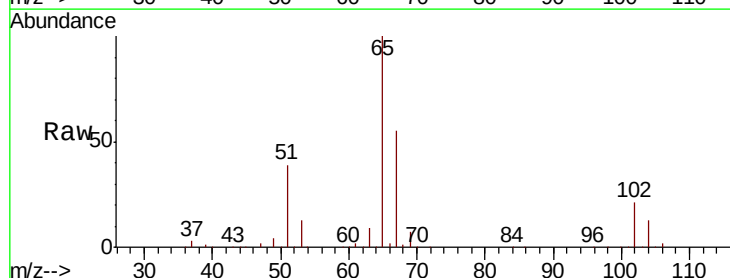
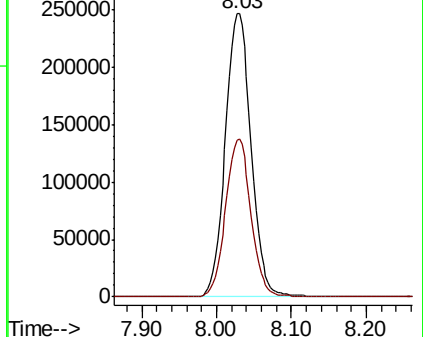
Tgt Ion: 65 Resp: 587651

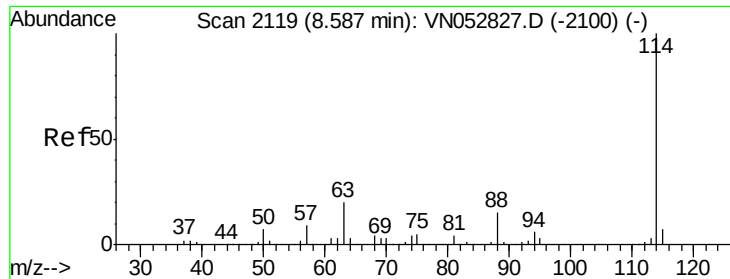
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.4

Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

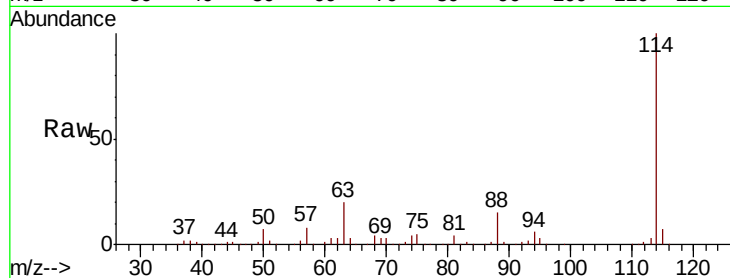




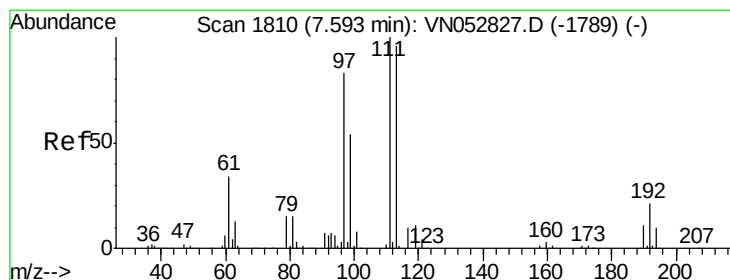
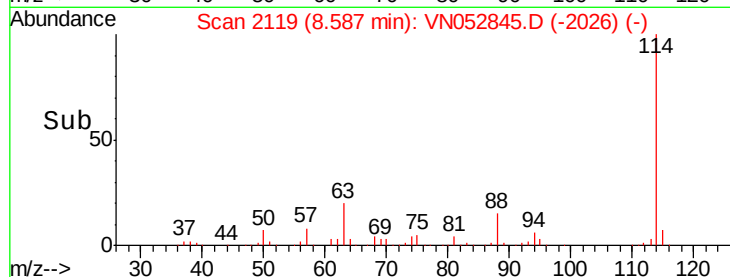
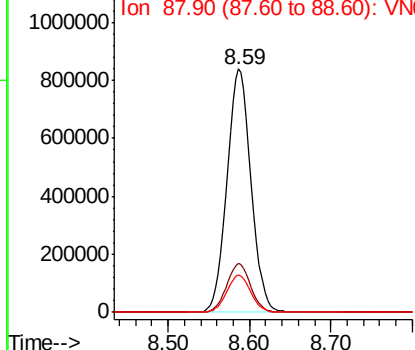
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052845.D
 Acq: 12 Dec 2018 23:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115564ZHE#09

Tot Ion:114 Resp: 1742632
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 31.0

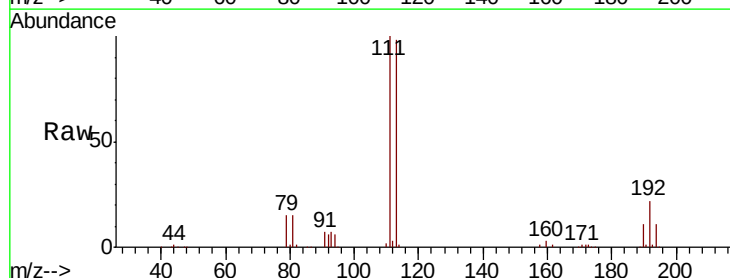


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

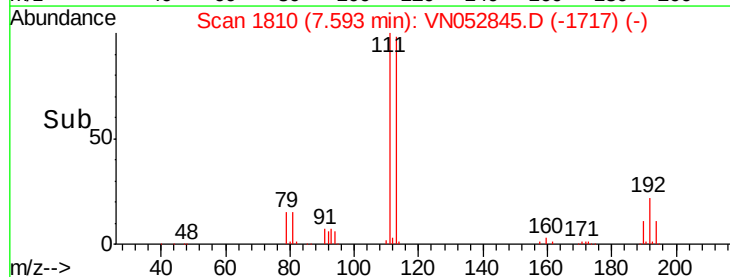
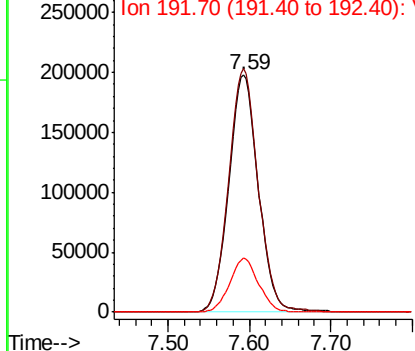


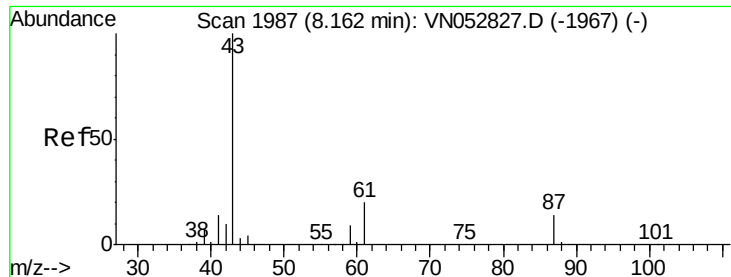
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052845.D
 Acq: 12 Dec 2018 23:20

Tgt Ion:113 Resp: 501540
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 22.3 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: 4.060 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052845.D

Acq: 12 Dec 2018 23:20

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#09

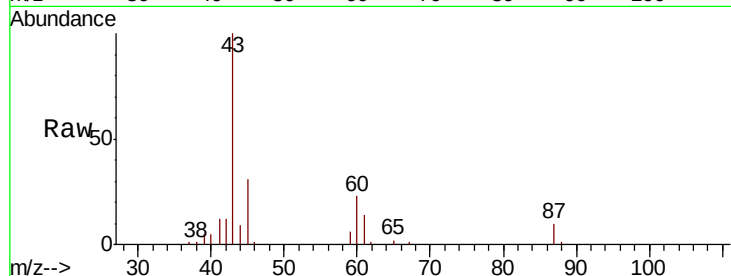
Tot Ion: 43 Resp: 80239

Ion Ratio Lower Upper

43 100

61 12.2 22.9 34.3#

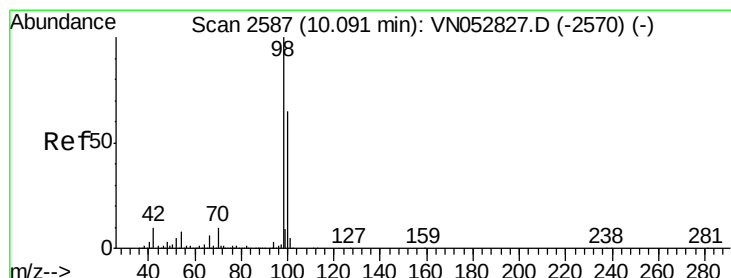
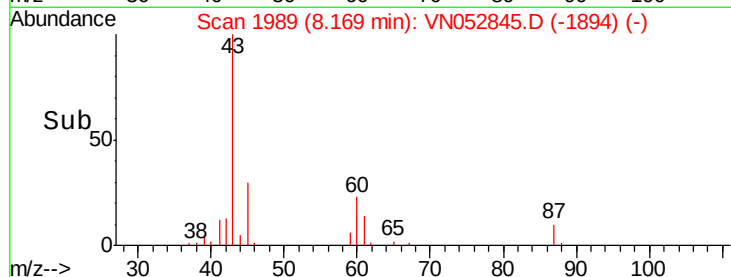
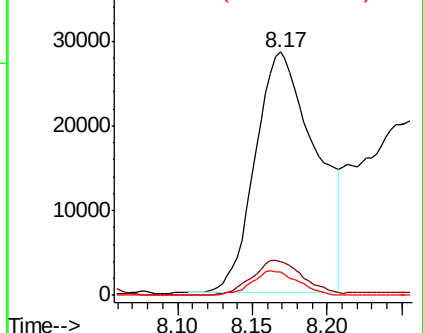
87 7.7 10.6 15.8#



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: VN052845.D

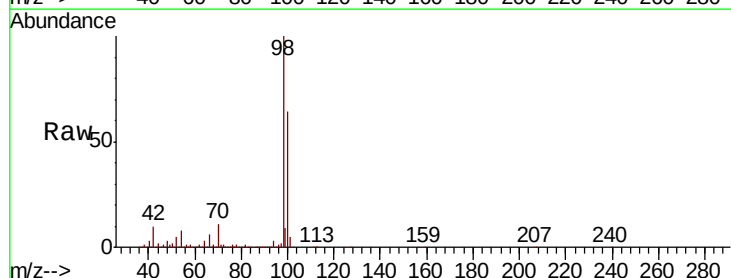
Acq: 12 Dec 2018 23:20

Tgt Ion: 98 Resp: 2147219

Ion Ratio Lower Upper

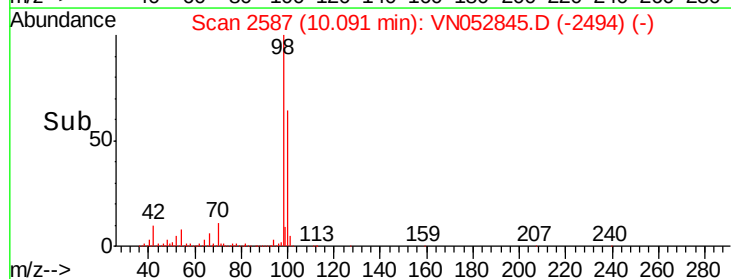
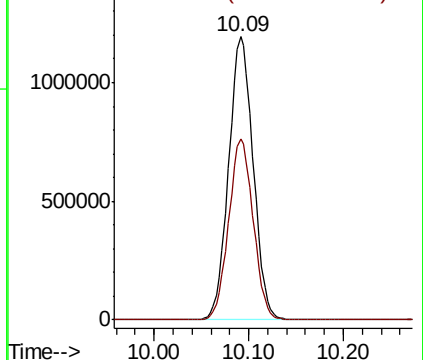
98 100

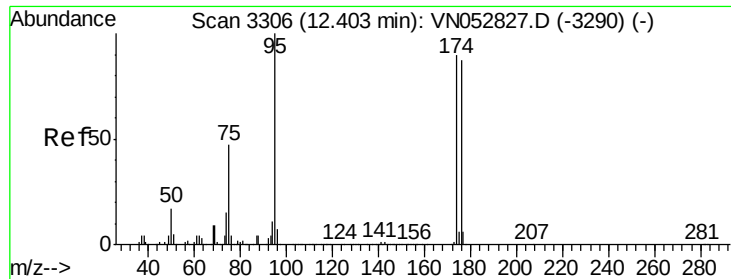
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

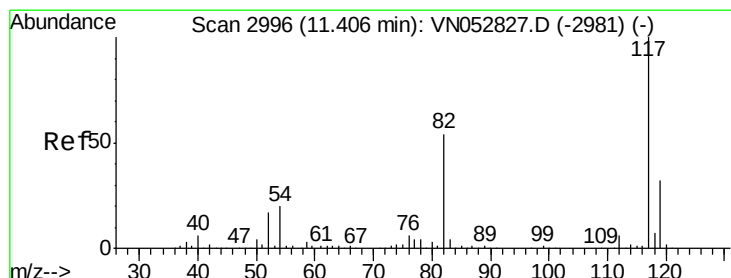
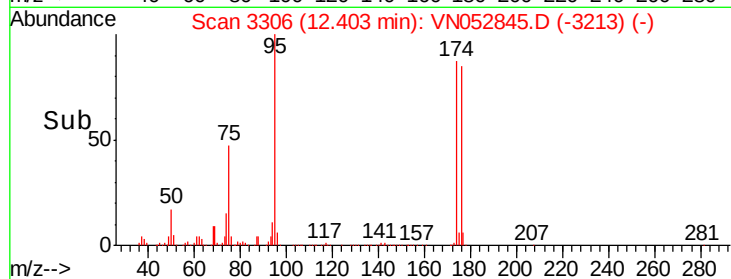
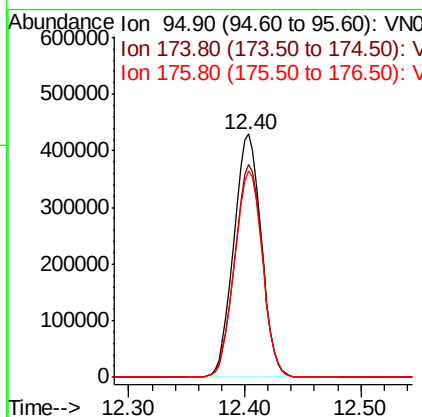
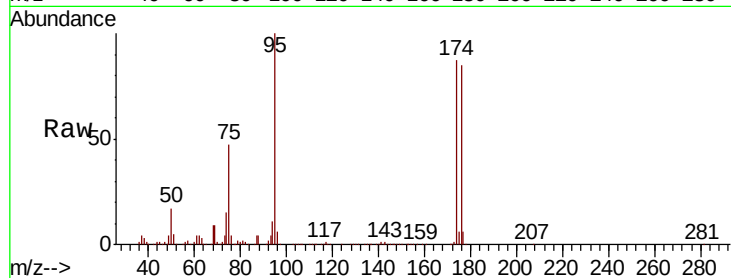




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052845.D
Acq: 12 Dec 2018 23:20

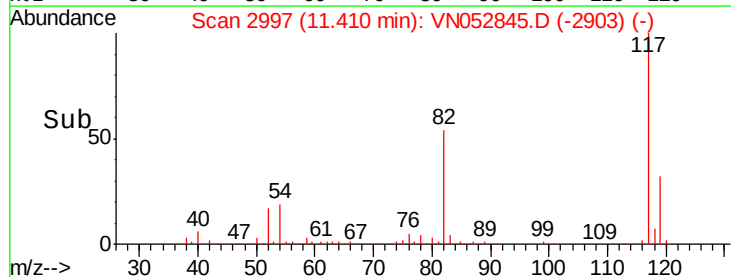
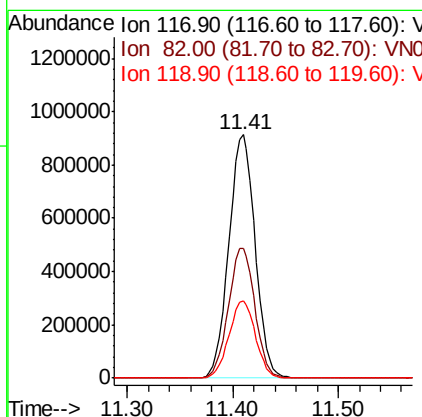
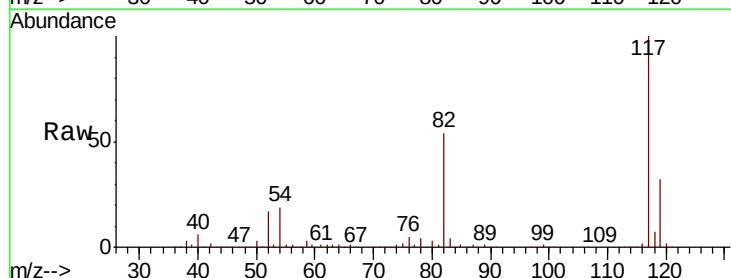
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#09

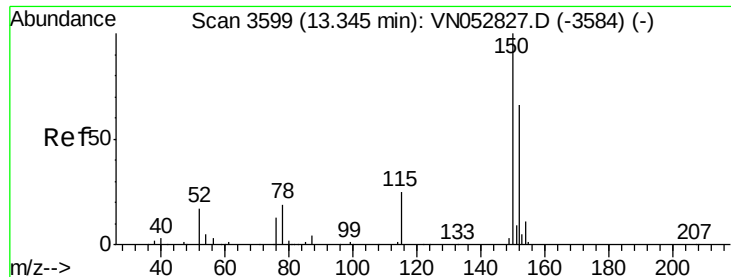
Tot Ion: 95 Resp: 704357
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.8
176 86.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052845.D
Acq: 12 Dec 2018 23:20

Tgt Ion: 117 Resp: 1572430
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 31.7 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: VN052845.D

Acq: 12 Dec 2018 23:20

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#09

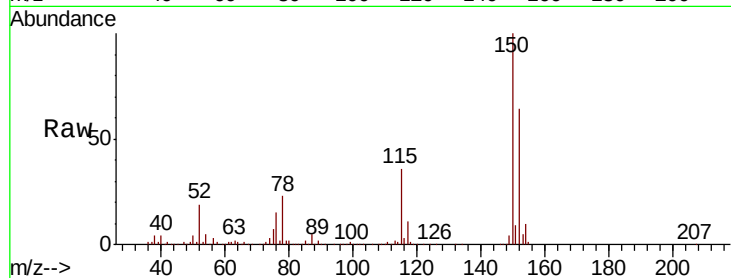
Tot Ion:152 Resp: 643589

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

150 157.0 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

