

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052843.D
 Acq On : 12 Dec 2018 22:27
 Operator : MD\SY
 Sample : PB115564ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115564ZHE#07

Quant Time: Dec 13 04:52:55 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

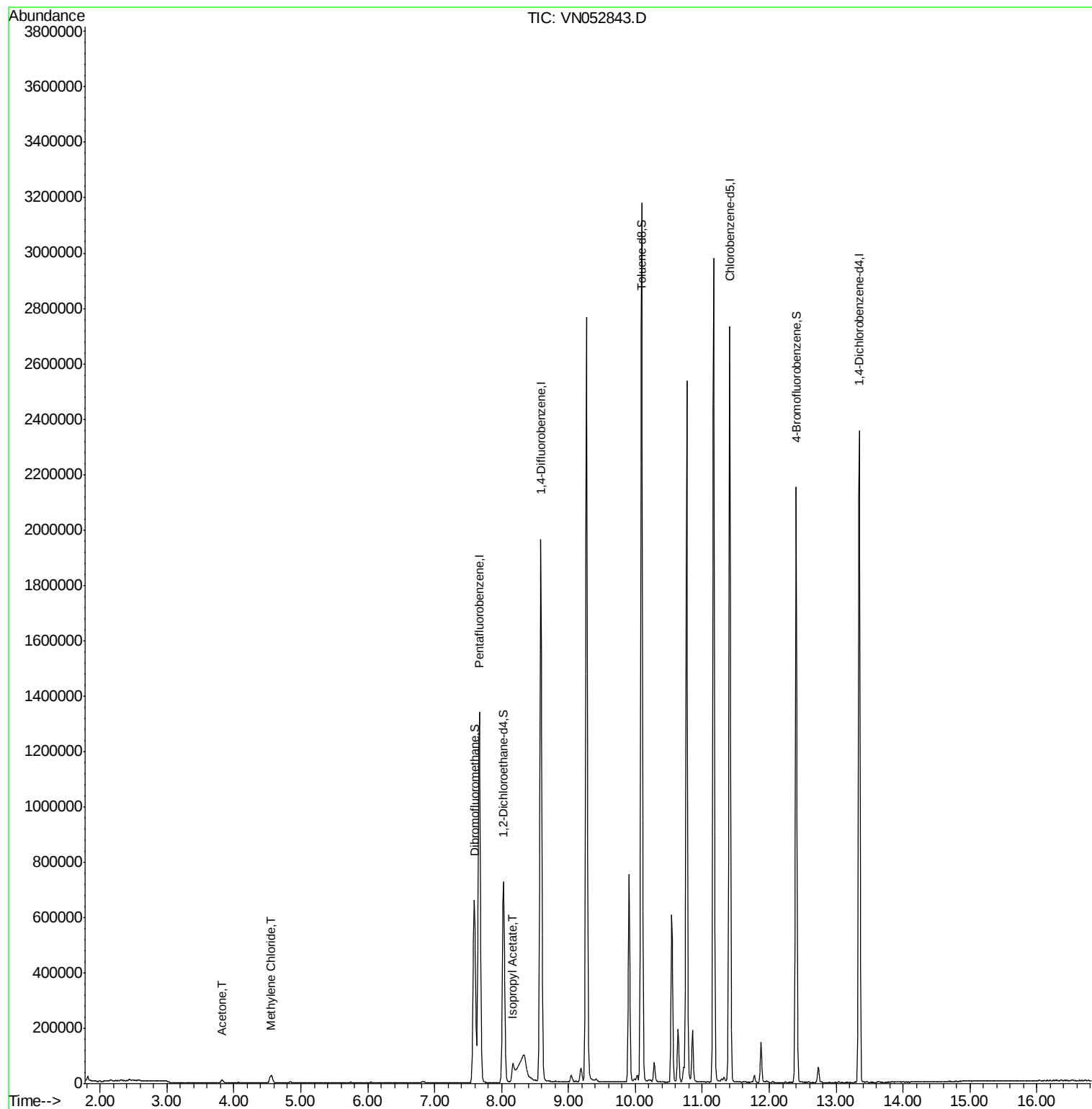
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1172936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1820923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1651882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	677089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	614628	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	518025	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.09	98	2242010	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	735705	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
Target Compounds						
16) Acetone	3.82	43	17973	6.417	ug/l	97
20) Methylene Chloride	4.56	84	21847	1.733	ug/l	98
43) Isopropyl Acetate	8.17	43	87493	4.236	ug/l #	75

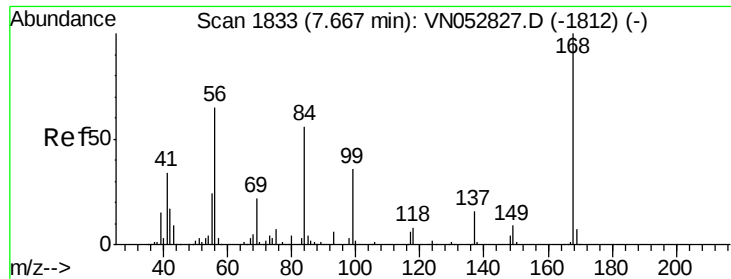
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052843.D

Acq: 12 Dec 2018 22:27

Instrument :

MSVOA_N

ClientSampleId :

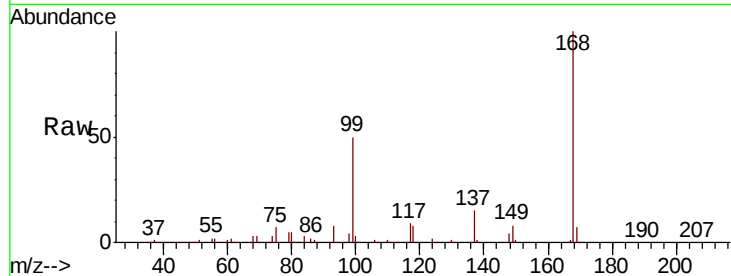
PB115564ZHE#07

Tot Ion:168 Resp: 1172936

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

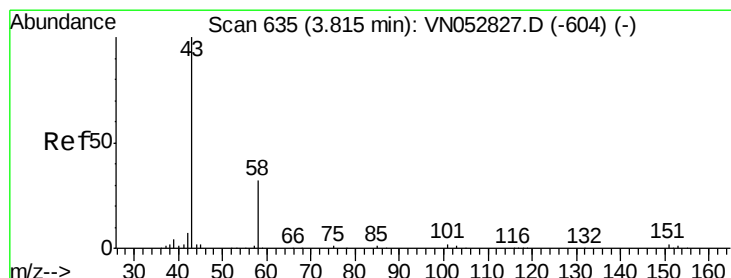
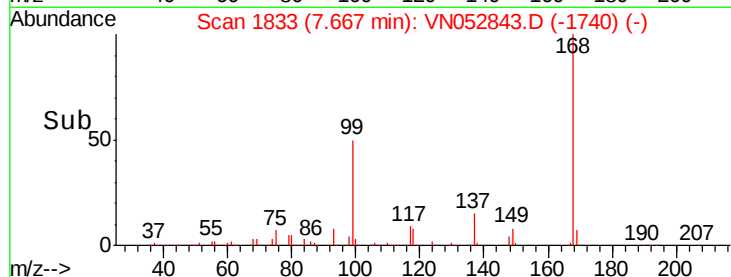
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 6.417 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052843.D

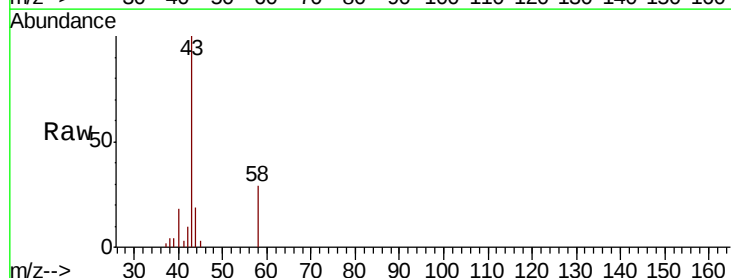
Acq: 12 Dec 2018 22:27

Tgt Ion: 43 Resp: 17973

Ion Ratio Lower Upper

43 100

58 30.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

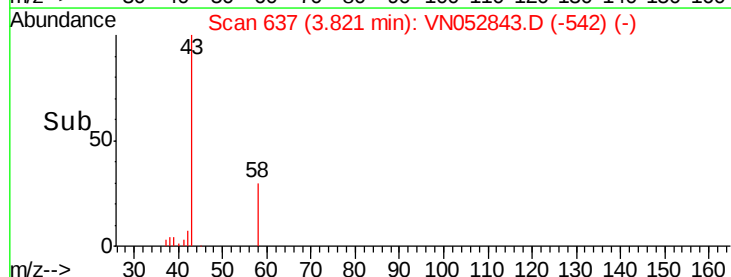
4000

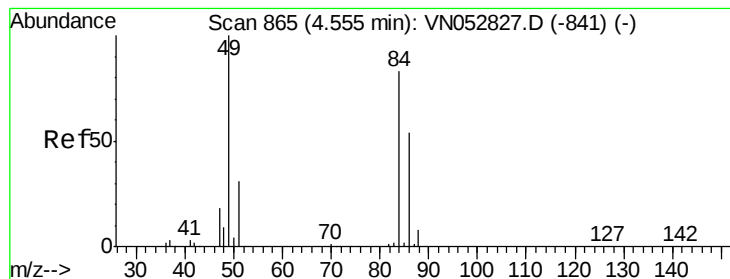
2000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 1.733 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052843.D

Acq: 12 Dec 2018 22:27

Instrument :

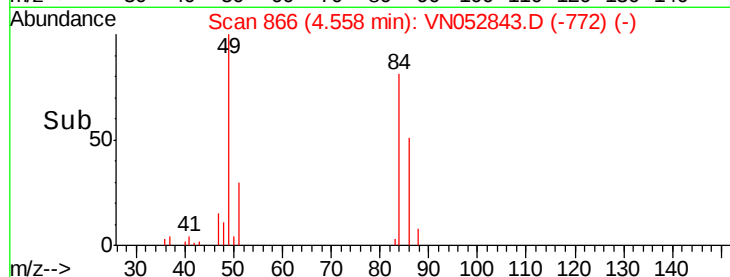
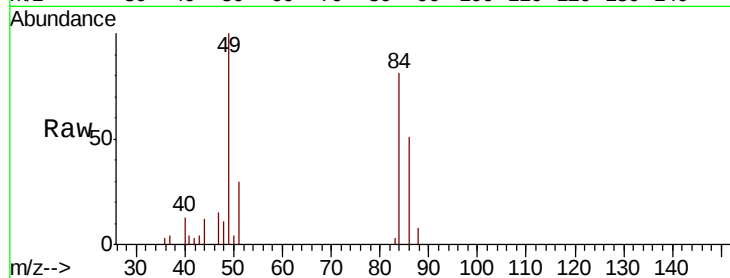
MSVOA_N

ClientSampleId :

PB115564ZHE#07

Tot Ion: 84 Resp: 21847

Ion	Ratio	Lower	Upper
84	100		
49	123.3	96.8	145.2
51	37.2	29.9	44.9
86	63.1	51.8	77.6

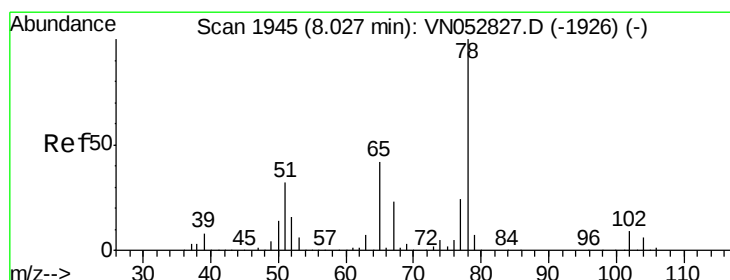
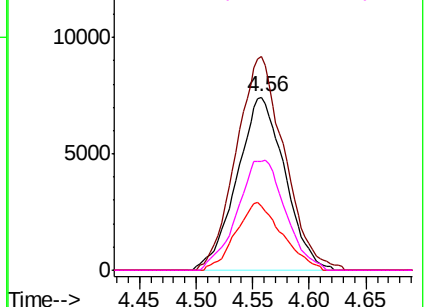


Abundance Ion 83.90 (83.60 to 84.60): VNO

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

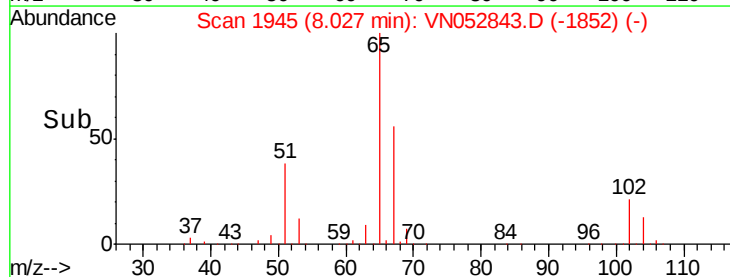
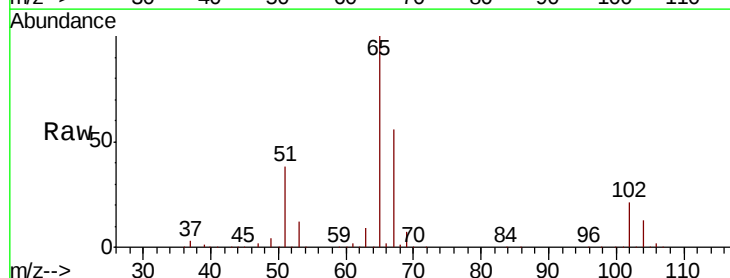
Delta R.T. -0.00 min

Lab File: VN052843.D

Acq: 12 Dec 2018 22:27

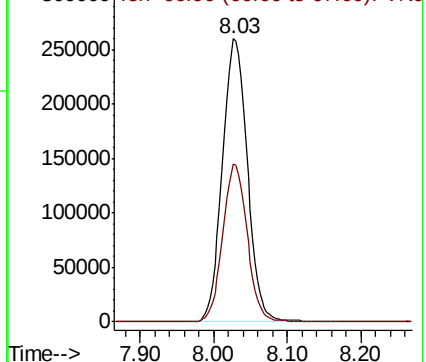
Tgt Ion: 65 Resp: 614628

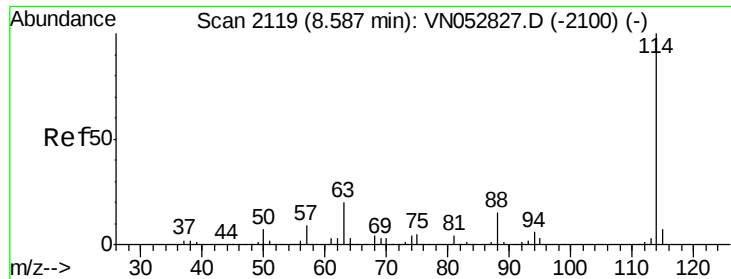
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

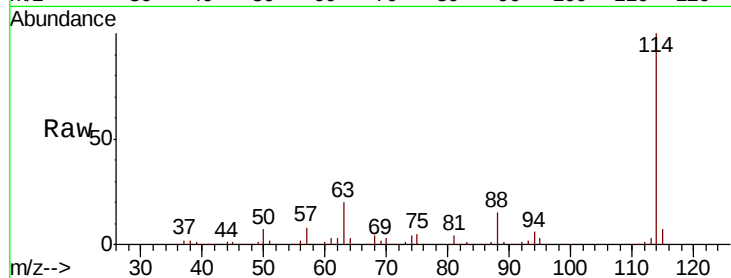




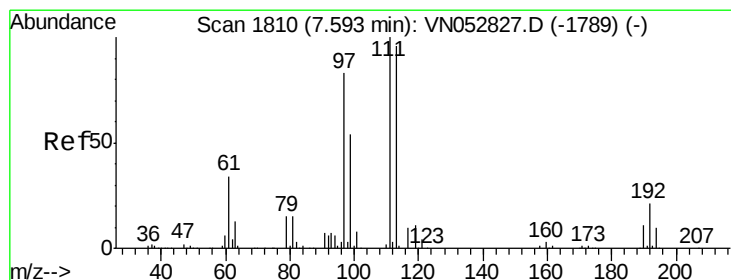
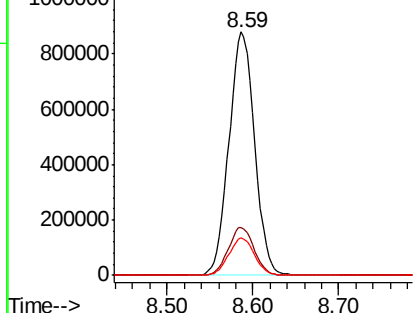
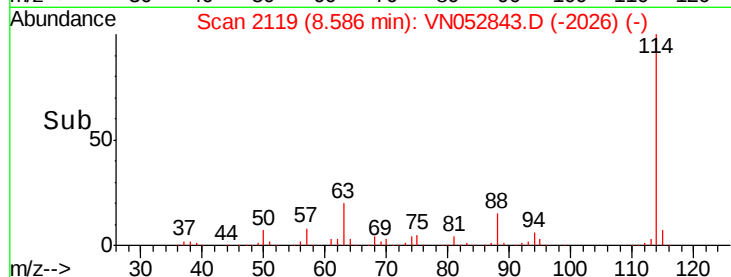
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tot Ion:114 Resp: 1820923
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.8
88 15.4 0.0 31.0

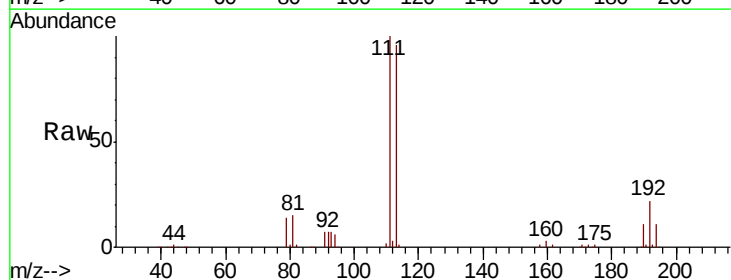


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

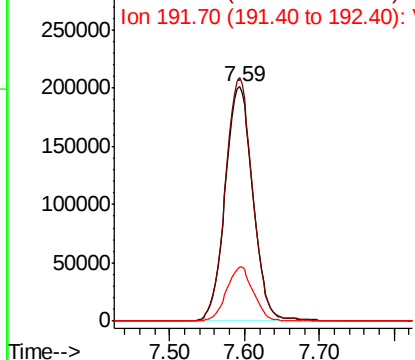
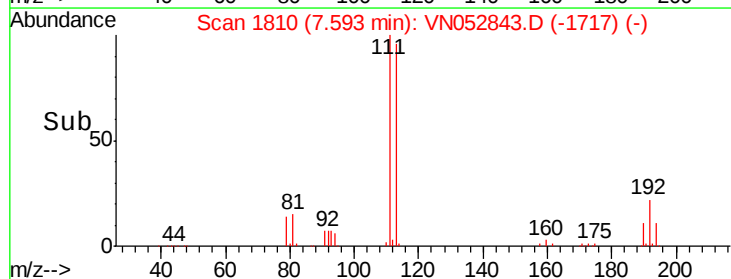


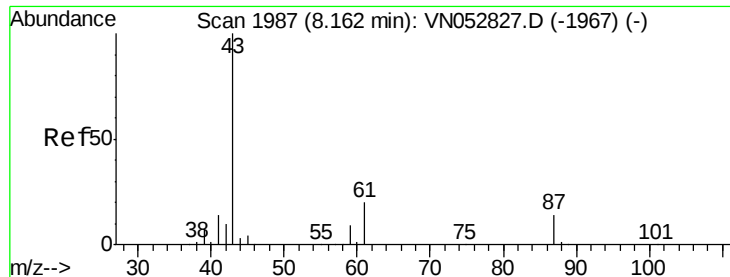
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion:113 Resp: 518025
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 22.2 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: 4.236 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052843.D

Acq: 12 Dec 2018 22:27

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#07

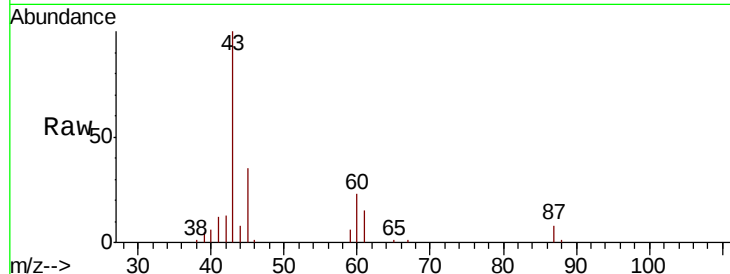
Tot Ion: 43 Resp: 87493

Ion Ratio Lower Upper

43 100

61 12.8 22.9 34.3#

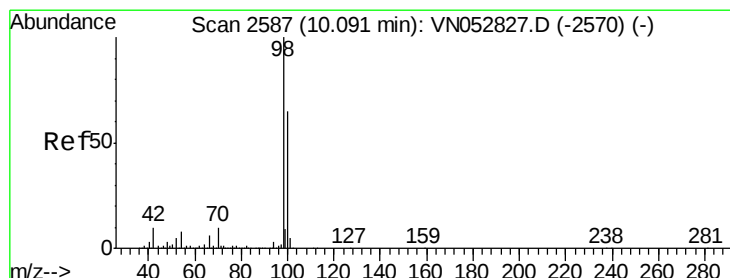
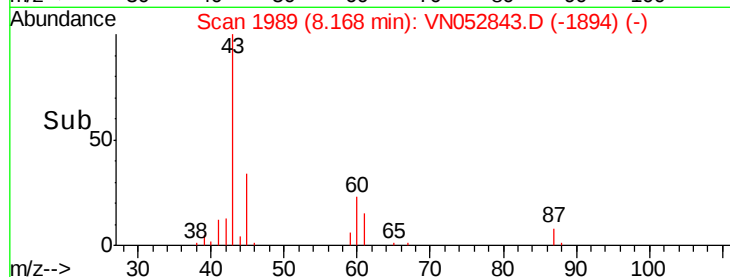
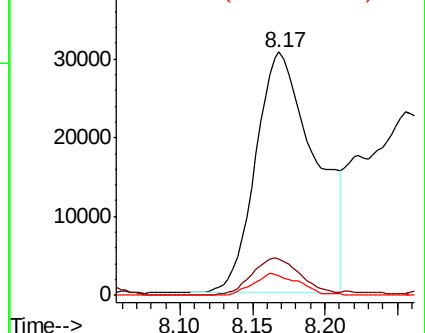
87 6.9 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052843.D

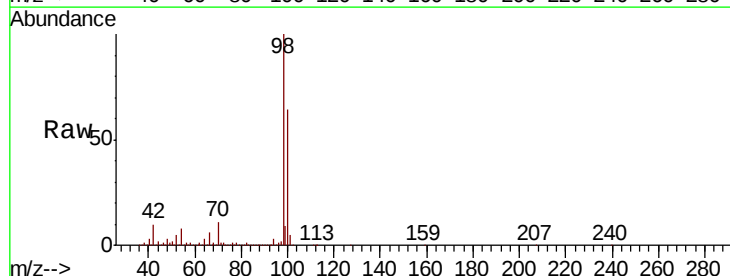
Acq: 12 Dec 2018 22:27

Tgt Ion: 98 Resp: 2242010

Ion Ratio Lower Upper

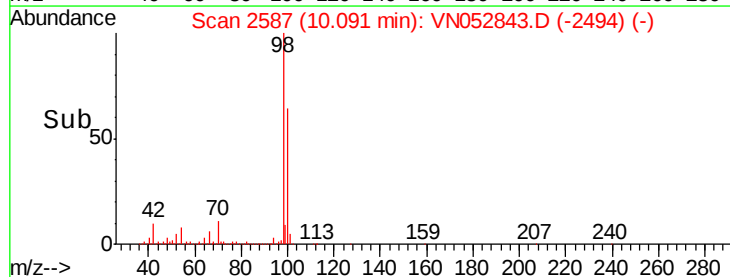
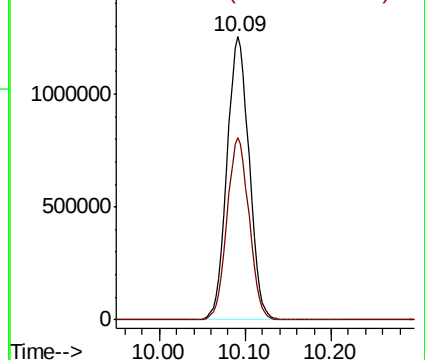
98 100

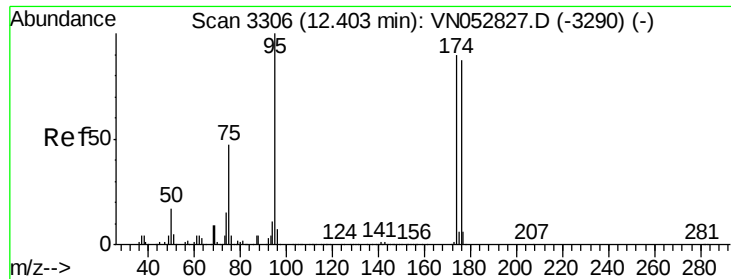
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN052843.D

Acq: 12 Dec 2018 22:27

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#07

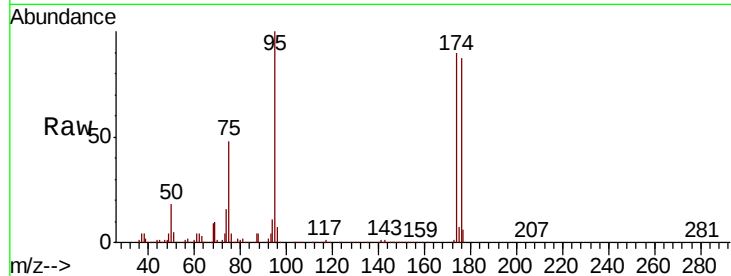
Tot Ion: 95 Resp: 735705

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

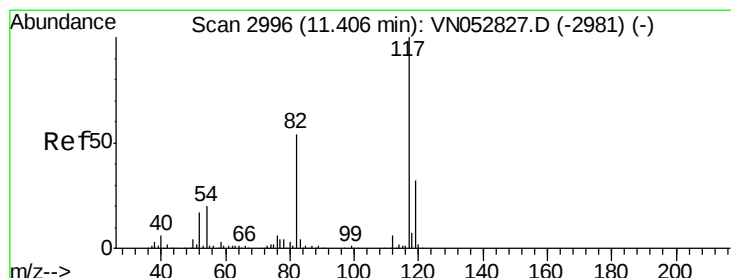
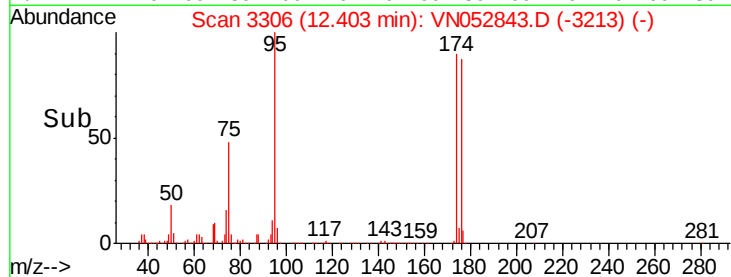
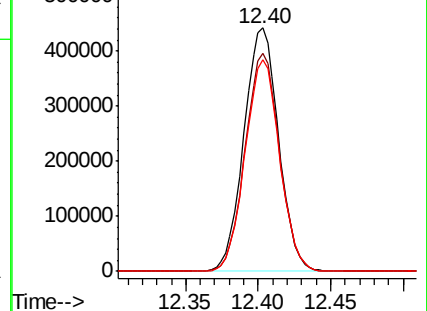
176 86.5 0.0 173.8



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# 2997

Delta R.T. 0.00 min

Lab File: VN052843.D

Acq: 12 Dec 2018 22:27

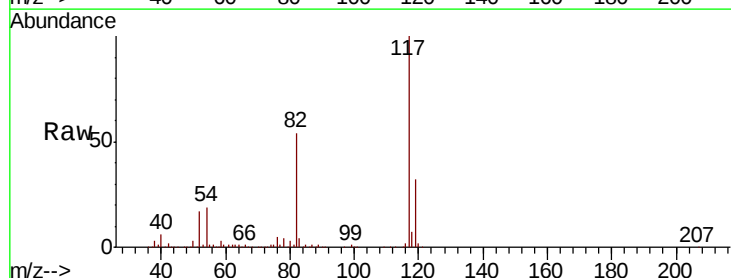
Tgt Ion: 117 Resp: 1651882

Ion Ratio Lower Upper

117 100

82 53.8 42.8 64.2

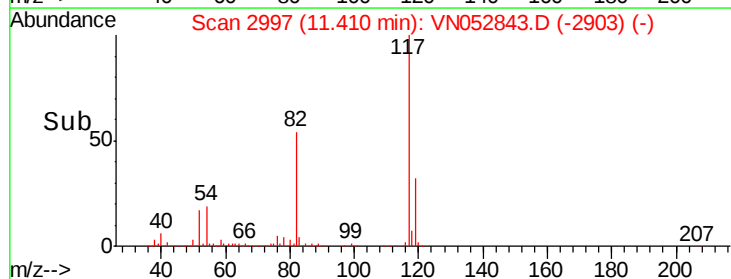
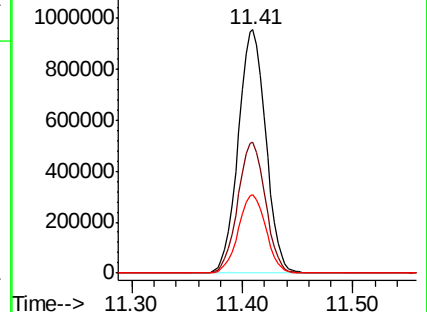
119 32.1 25.5 38.3

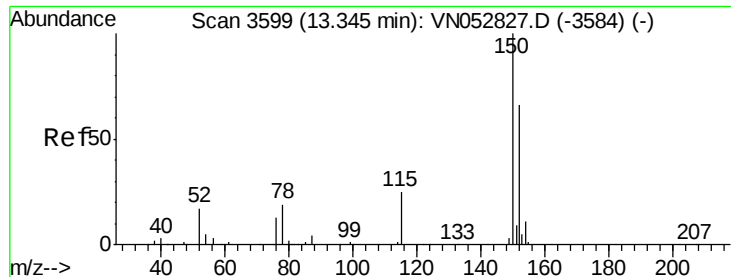


Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

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: VN052843.D

Acq: 12 Dec 2018 22:27

Instrument :

MSVOA_N

ClientSampleId :

PB115564ZHE#07

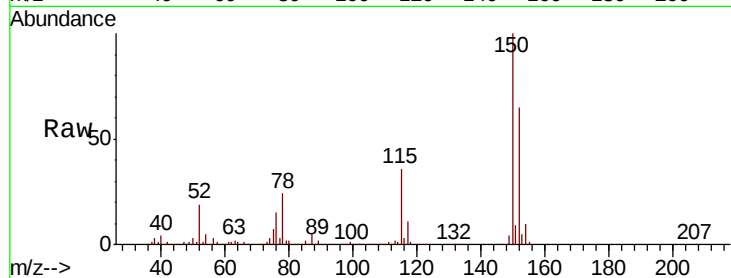
Tot Ion:152 Resp: 677089

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

150 156.1 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

