

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051943.D
 Acq On : 19 Oct 2018 13:07
 Operator : MD\SY
 Sample : PB113937ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#04

Quant Time: Oct 19 23:56:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

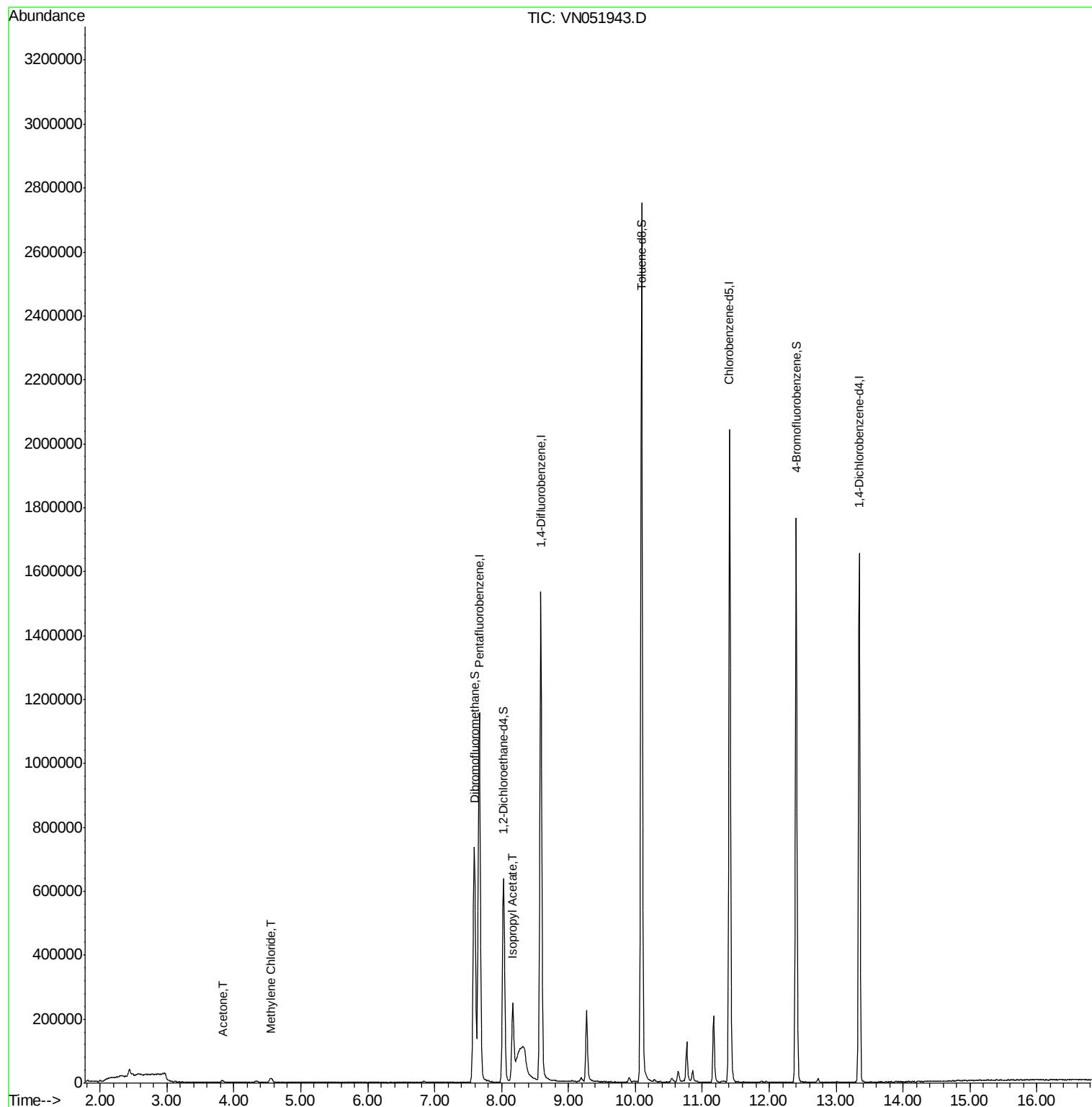
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1014746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1505540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1339523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	475872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	556255	59.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.26%	
35) Dibromofluoromethane	7.59	113	549474	57.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.84%	
50) Toluene-d8	10.09	98	2052565	58.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.86%	
62) 4-Bromofluorobenzene	12.40	95	587009	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
16) Acetone	3.83	43	10315	6.192	ug/l	96
20) Methylene Chloride	4.56	84	10900	1.287	ug/l #	89
43) Isopropyl Acetate	8.17	43	297267	27.400	ug/l #	85

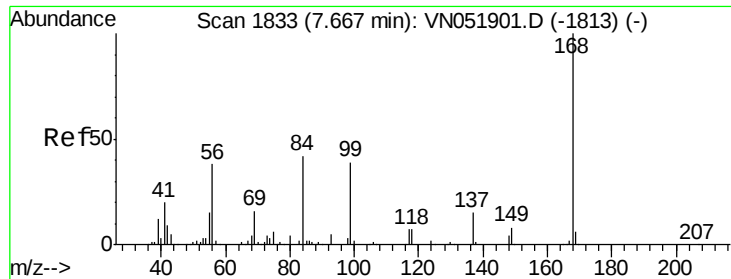
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051943.D

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Instrument :

MSVOA_N

ClientSampleId :

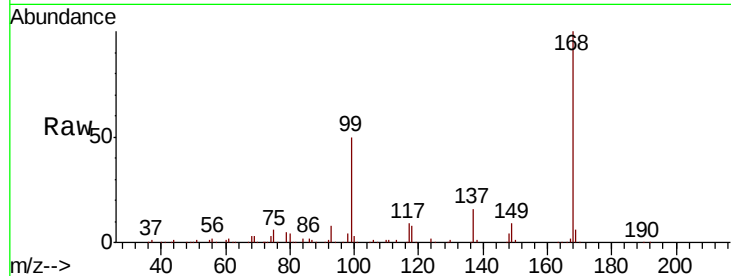
PB113937ZHE#04

Tot Ion:168 Resp: 1014746

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

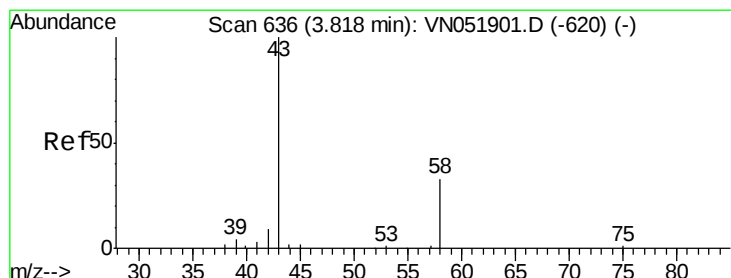
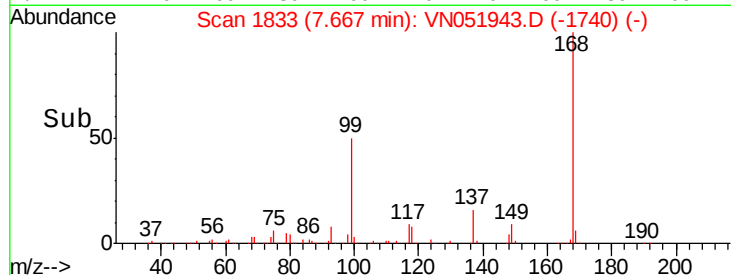
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.192 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051943.D

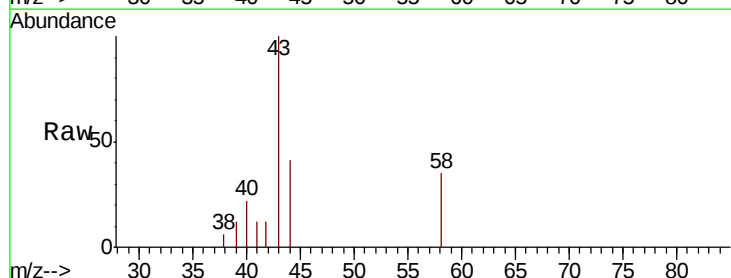
Acq: 19 Oct 2018 13:07

Tgt Ion: 43 Resp: 10315

Ion Ratio Lower Upper

43 100

58 34.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

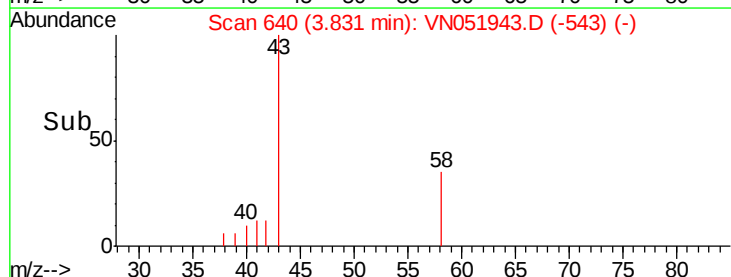
3000

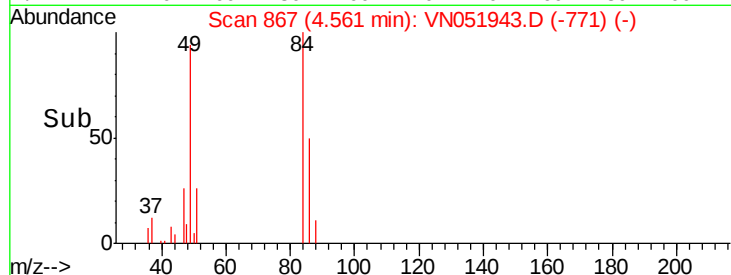
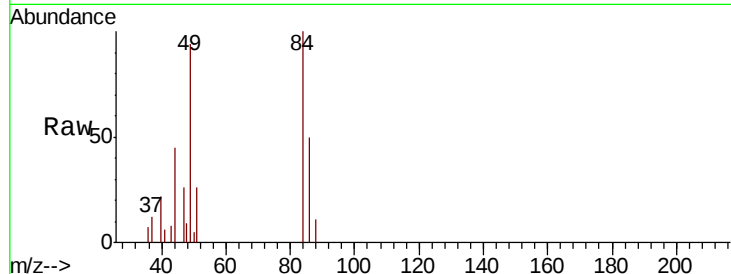
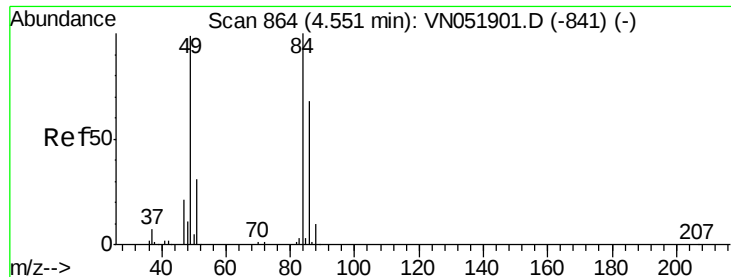
2000

1000

0

Time-->

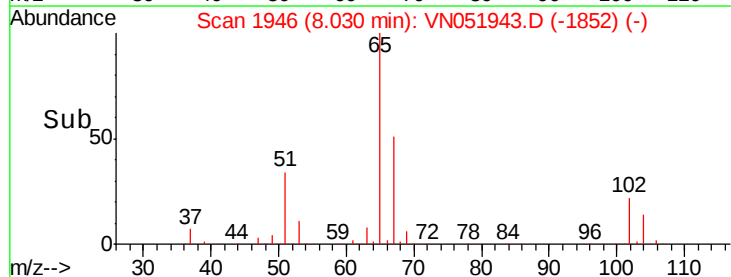
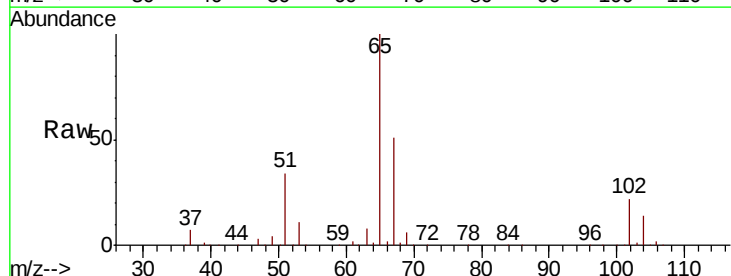
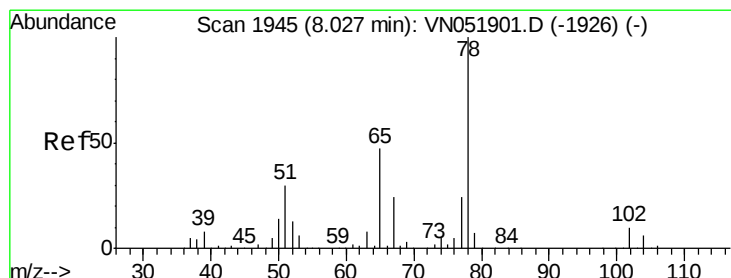
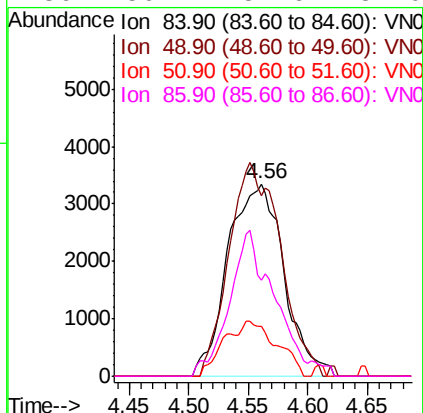




#20
Methvlene Chloride
Concen: 1.287 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051943.D
Acq: 19 Oct 2018 13:07

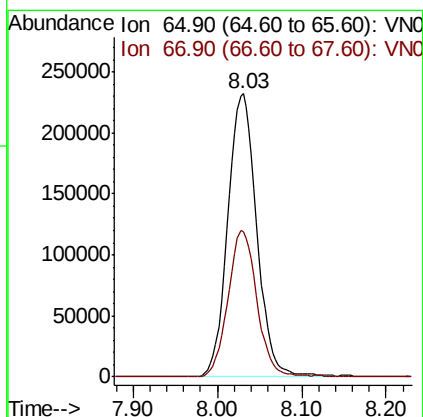
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#04

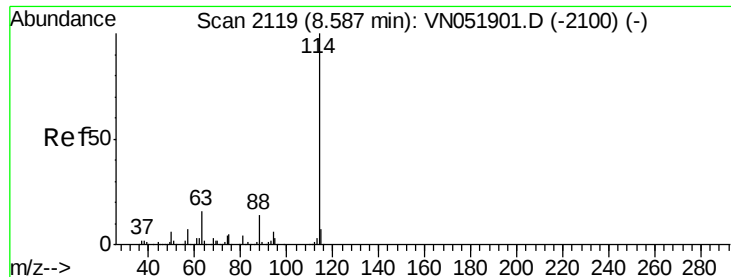
Tot Ion: 84 Resp: 10900
Ion Ratio Lower Upper
84 100
49 94.3 79.0 118.4
51 26.0 24.9 37.3
86 50.1 54.6 82.0#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051943.D
Acq: 19 Oct 2018 13:07

Tgt Ion: 65 Resp: 556255
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

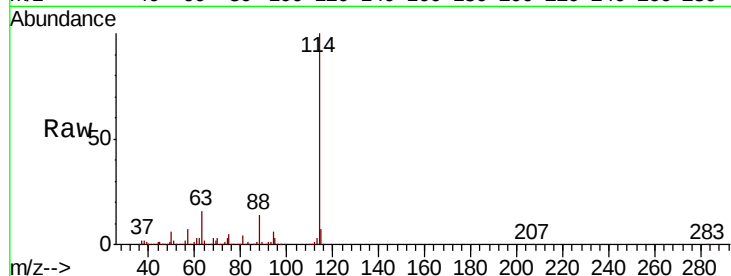




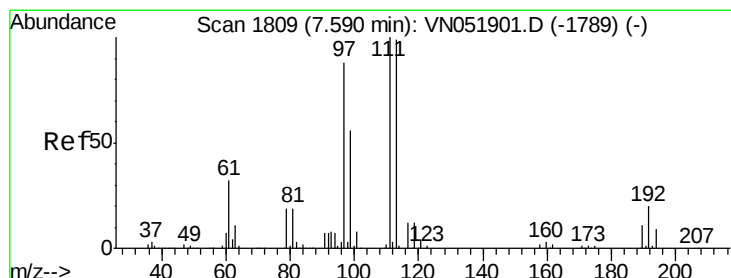
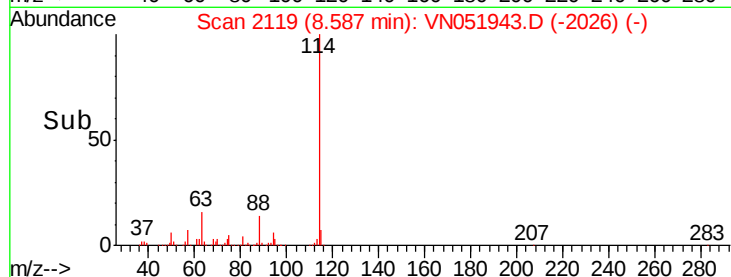
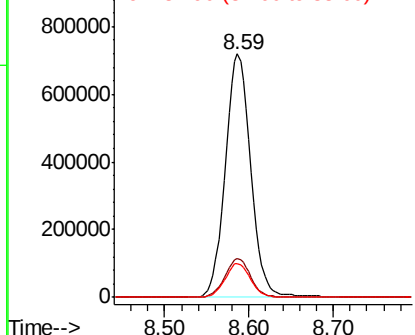
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051943.D
Acq: 19 Oct 2018 13:07

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#04

Tot Ion:114 Resp: 1505540
Ion Ratio Lower Upper
114 100
63 16.0 0.0 31.8
88 13.8 0.0 28.0

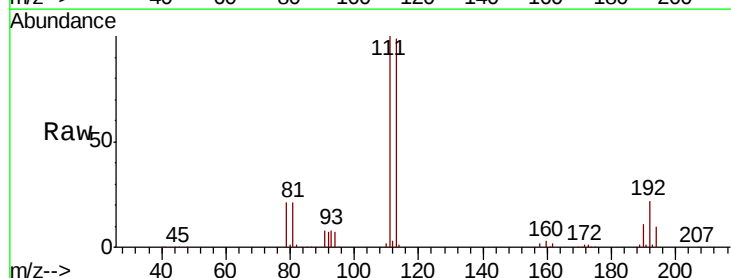


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

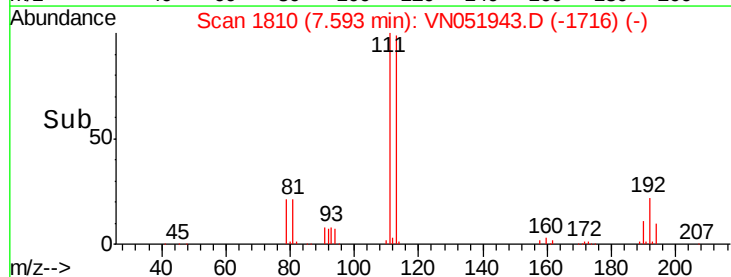
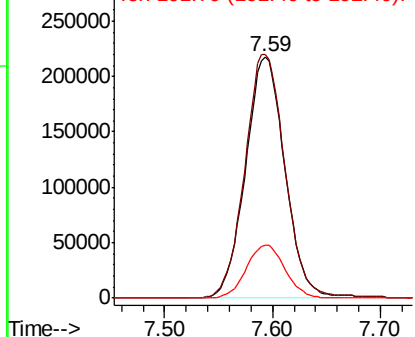


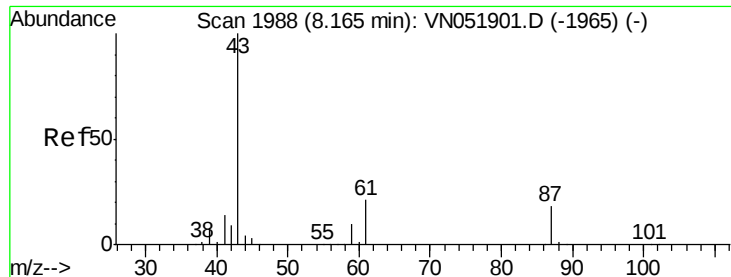
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051943.D
Acq: 19 Oct 2018 13:07

Tgt Ion:113 Resp: 549474
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 21.7 17.3 25.9



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: 27.400 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051943.D

Acq: 19 Oct 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#04

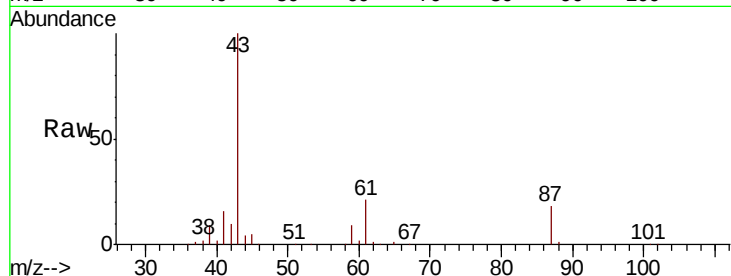
Tot Ion: 43 Resp: 297267

Ion Ratio Lower Upper

43 100

61 19.4 24.9 37.3#

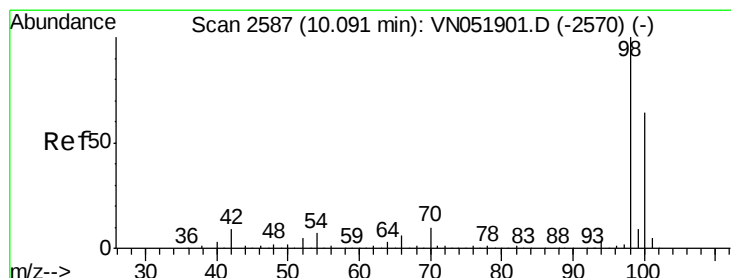
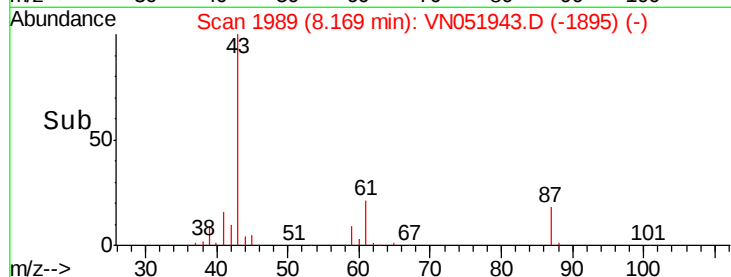
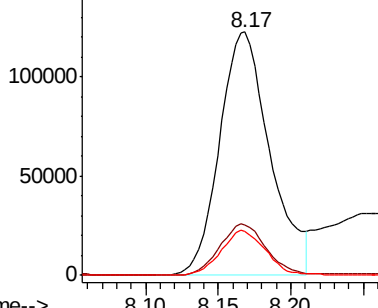
87 16.4 14.6 22.0



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: VN051943.D

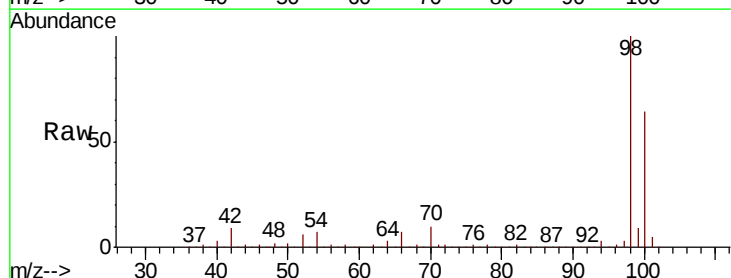
Acq: 19 Oct 2018 13:07

Tgt Ion: 98 Resp: 2052565

Ion Ratio Lower Upper

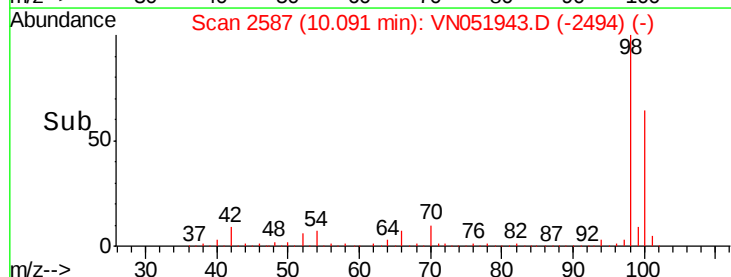
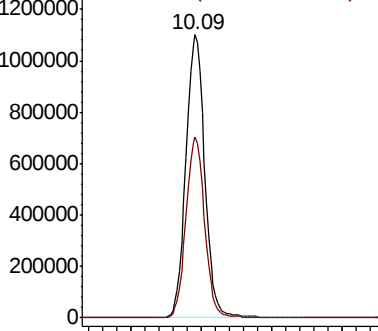
98 100

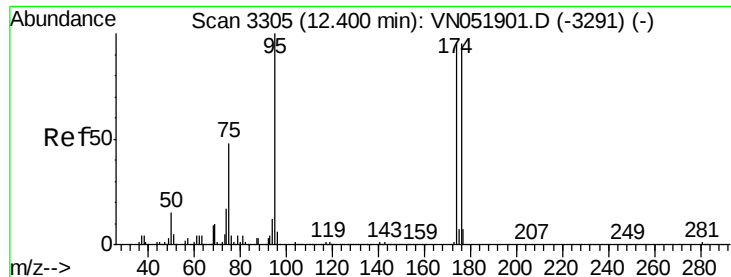
100 63.6 51.0 76.4



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: VN051943.D

Acq: 19 Oct 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#04

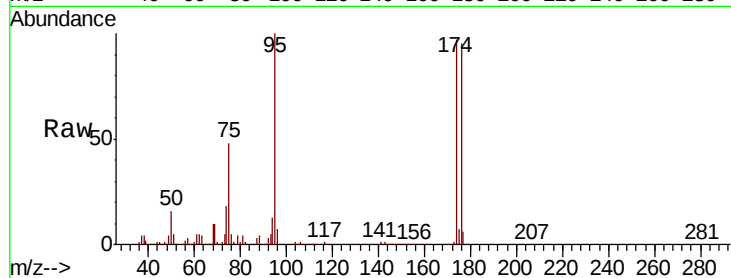
Tot Ion: 95 Resp: 587009

Ion Ratio Lower Upper

95 100

174 96.9 0.0 195.0

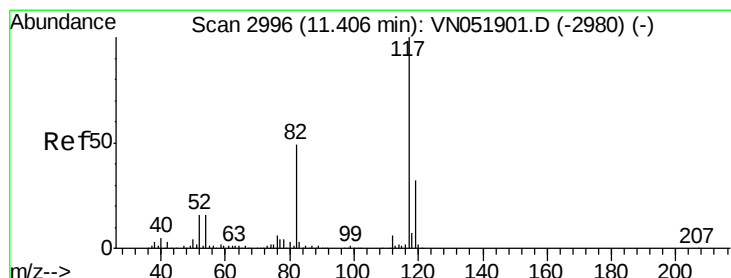
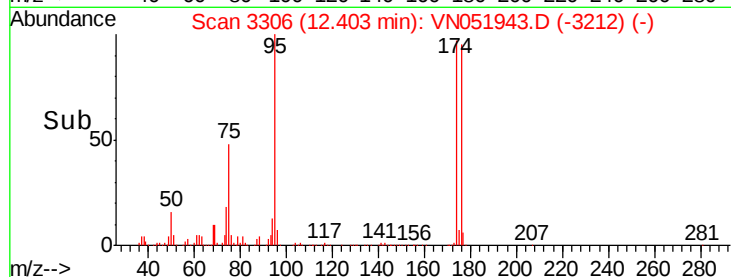
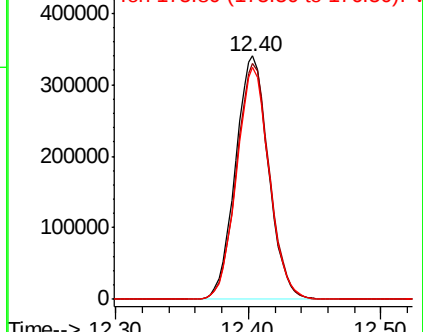
176 94.2 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VN051901.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051901.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051901.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051943.D

Acq: 19 Oct 2018 13:07

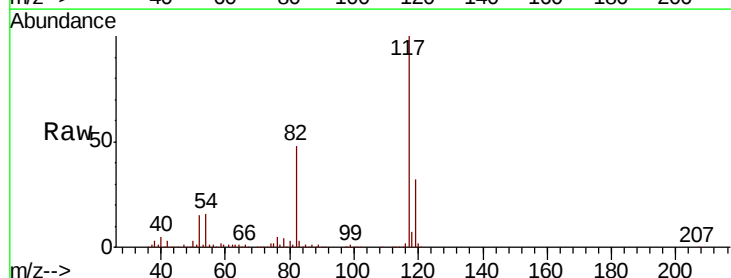
Tgt Ion: 117 Resp: 1339523

Ion Ratio Lower Upper

117 100

82 48.0 38.9 58.3

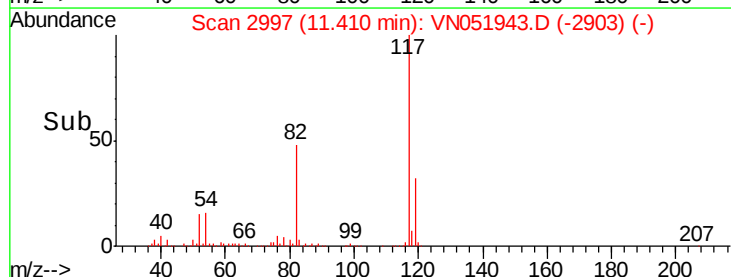
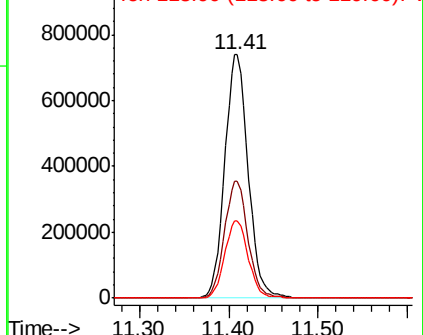
119 31.9 25.9 38.9

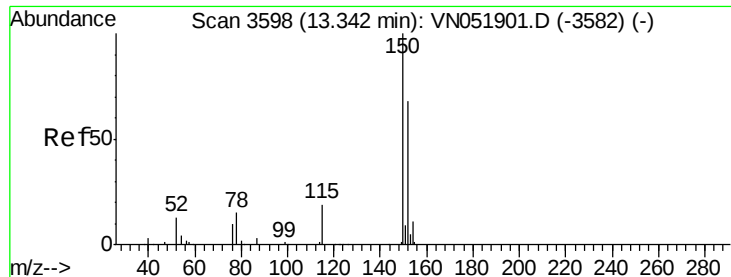


Abundance Ion 116.90 (116.60 to 117.60): VN051901.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051901.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051901.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051943.D

Acq: 19 Oct 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#04

Tot Ion:152 Resp: 475872

Ion Ratio Lower Upper

152 100

115 54.0 26.7 80.1

150 154.5 0.0 346.4

