

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051938.D
 Acq On : 19 Oct 2018 10:53
 Operator : MD\SY
 Sample : PB113937TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937TB

Quant Time: Oct 19 23:40:47 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

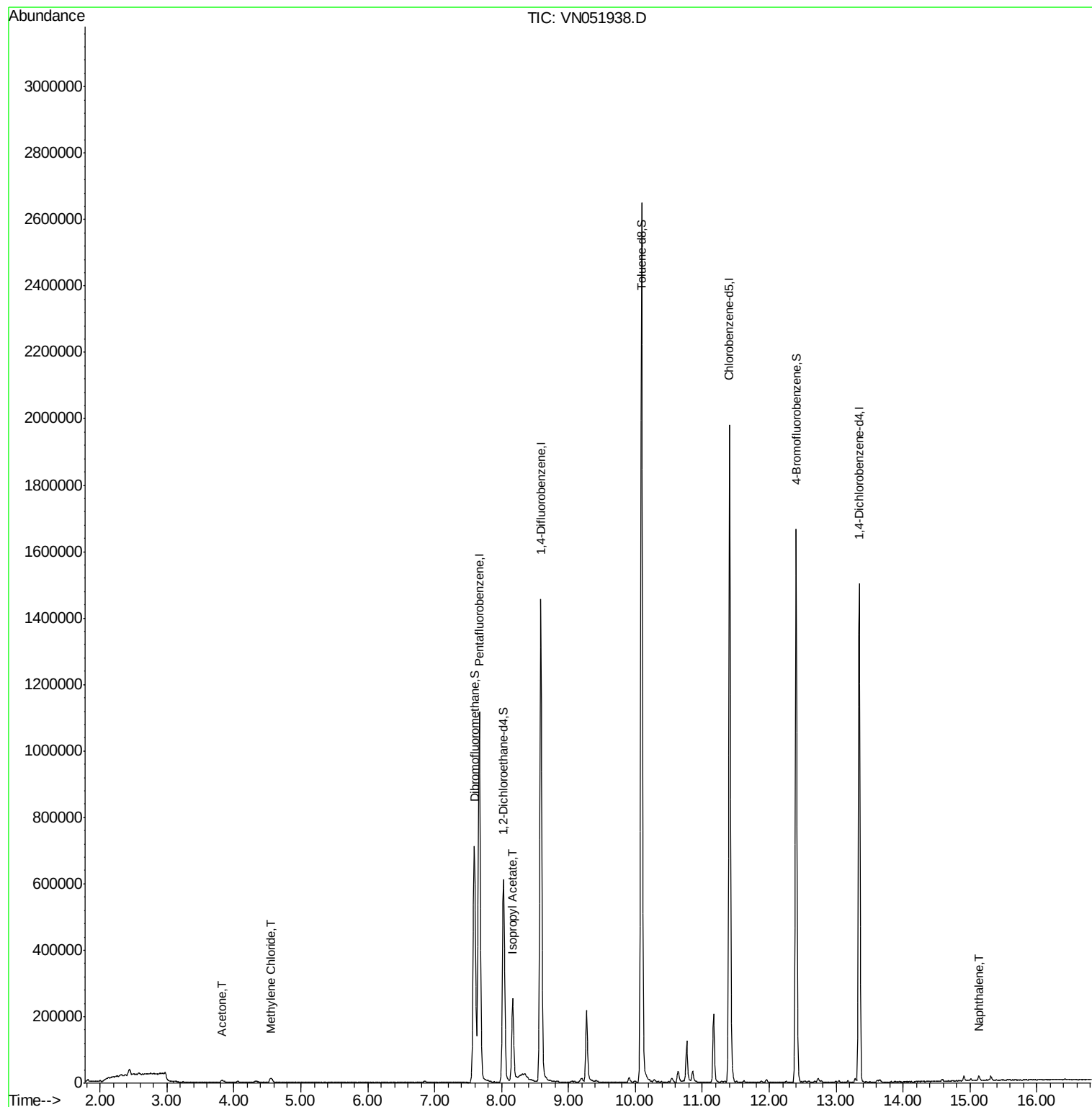
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	986648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1438270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1287401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	443979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	536006	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.59	113	542686	59.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.72%	
50) Toluene-d8	10.09	98	1984440	59.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.28%	
62) 4-Bromofluorobenzene	12.40	95	557805	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
Target Compounds						
16) Acetone	3.83	43	11082	6.842	ug/l #	87
20) Methylene Chloride	4.55	84	10500	1.275	ug/l	95
43) Isopropyl Acetate	8.17	43	281141	27.111	ug/l #	88
95) Naphthalene	15.13	128	12261	4.836	ug/l #	94

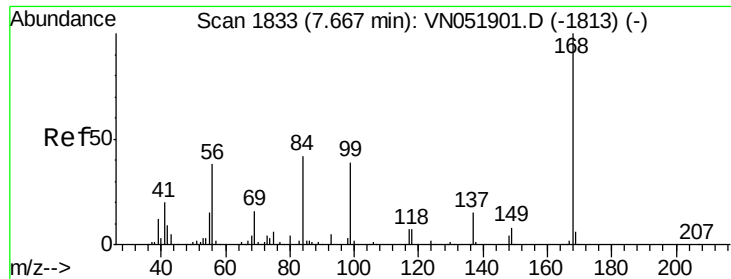
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 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: VN051938.D

Acq: 19 Oct 2018 10:53

Instrument :

MSVOA_N

ClientSampled :

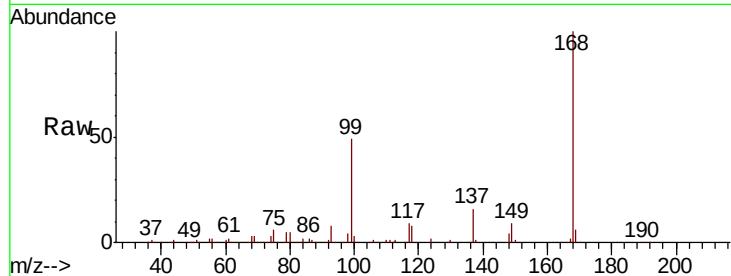
PB113937TB

Tot Ion:168 Resp: 986648

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051901.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051901.D (-1813) (-)

7.67

400000

300000

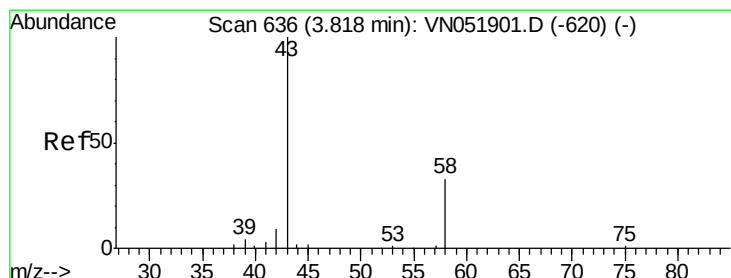
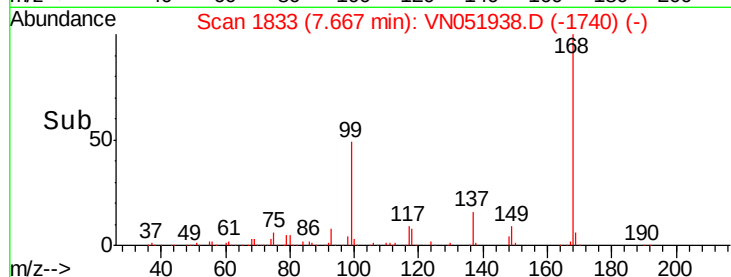
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.842 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051938.D

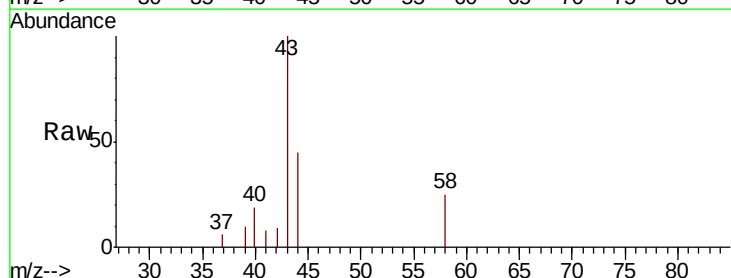
Acq: 19 Oct 2018 10:53

Tgt Ion: 43 Resp: 11082

Ion Ratio Lower Upper

43 100

58 25.2 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-620) (-)

Ion 58.00 (57.70 to 58.70): VN051901.D (-620) (-)

3.83

4000

3000

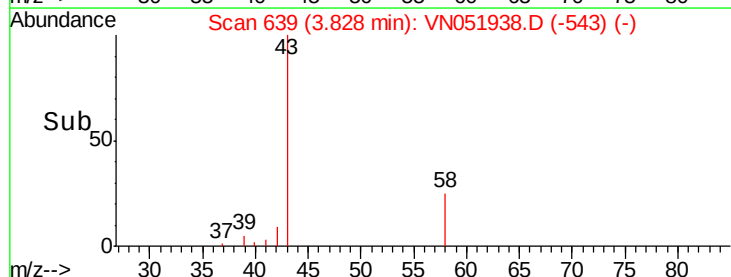
2000

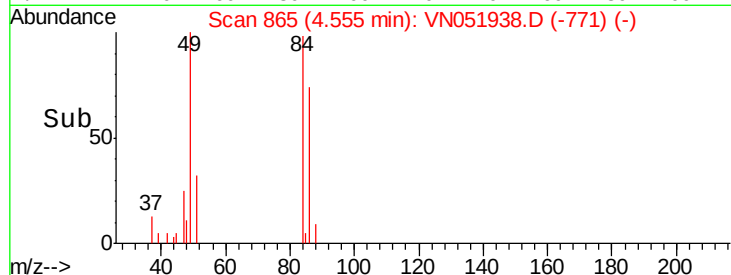
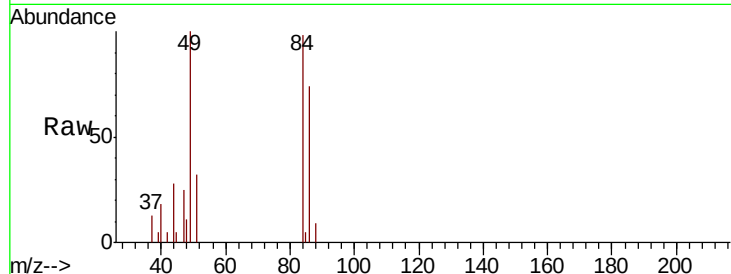
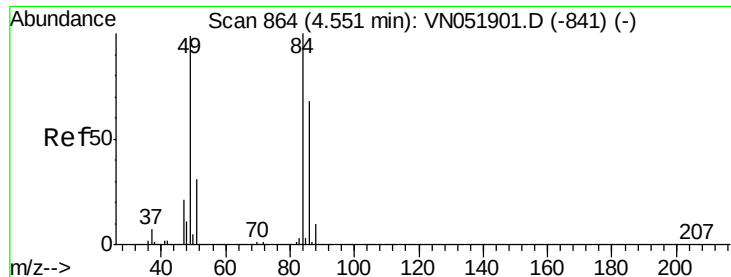
1000

0

3.75 3.80 3.85 3.90

Time-->

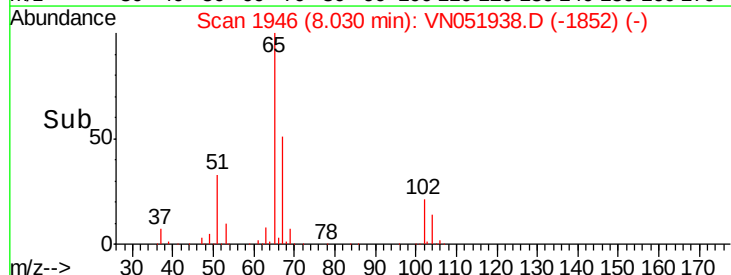
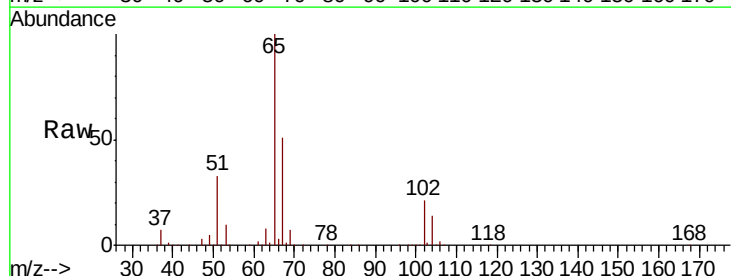
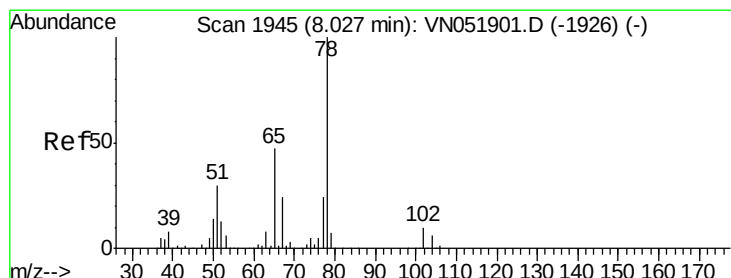
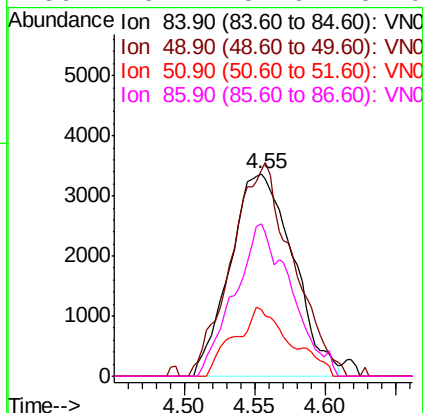




#20
Methylene Chloride
Concen: 1.275 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051938.D
Acq: 19 Oct 2018 10:53

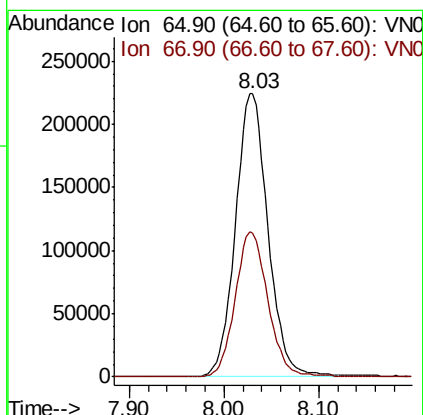
Instrument :
MSVOA_N
ClientSampled :
PB113937TB

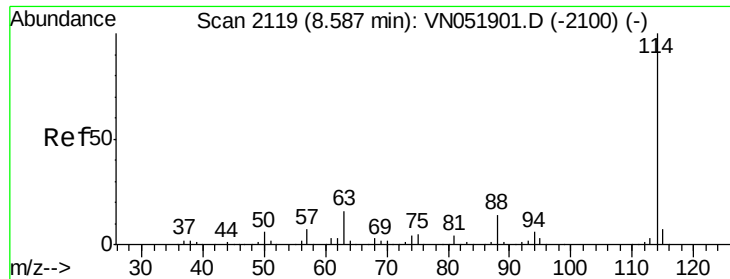
Tot Ion:	84	Resp:	10500
Ion	Ratio	Lower	Upper
84	100		
49	101.8	79.0	118.4
51	32.6	24.9	37.3
86	75.4	54.6	82.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051938.D
Acq: 19 Oct 2018 10:53

Tgt Ion:	65	Resp:	536006
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0

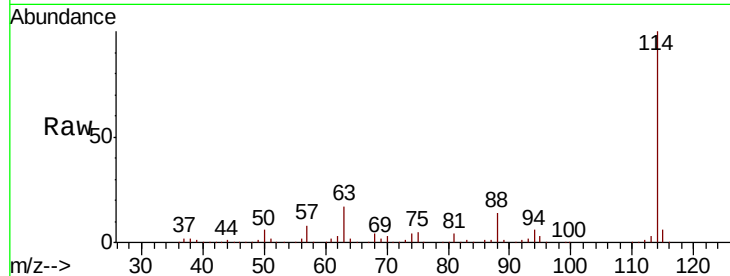




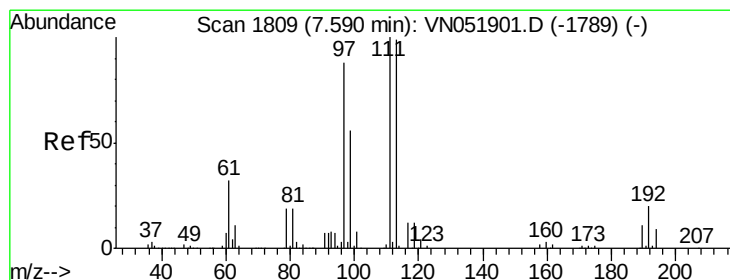
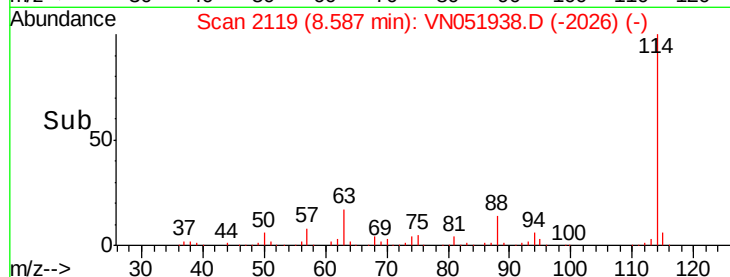
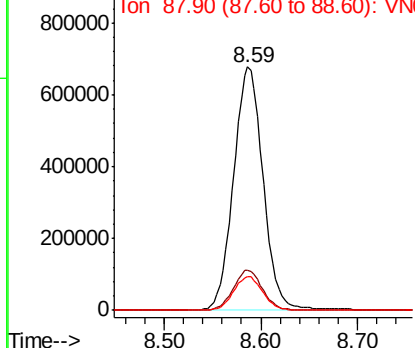
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051938.D
 Acq: 19 Oct 2018 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937TB

Tot Ion:114 Resp: 1438270
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.8
 88 14.0 0.0 28.0

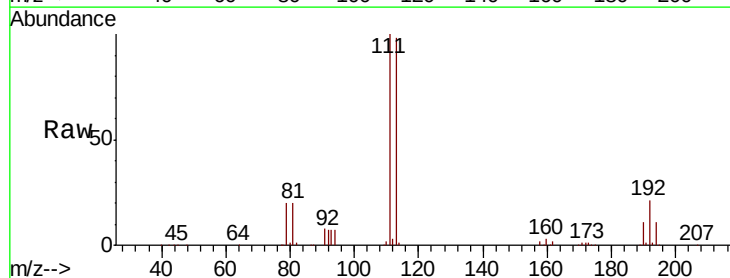


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

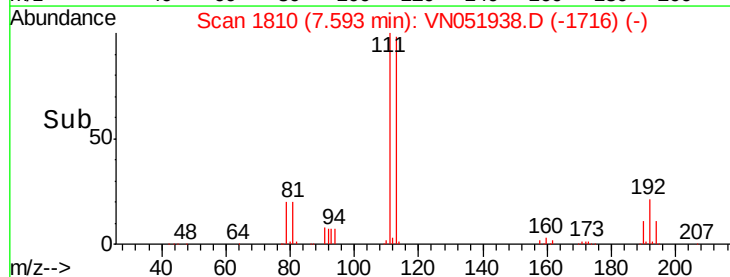
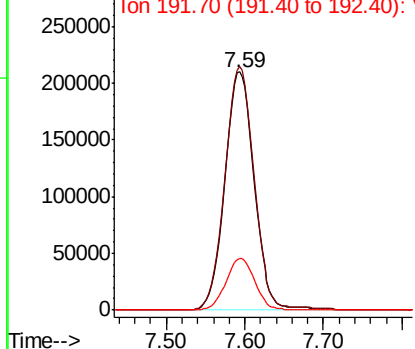


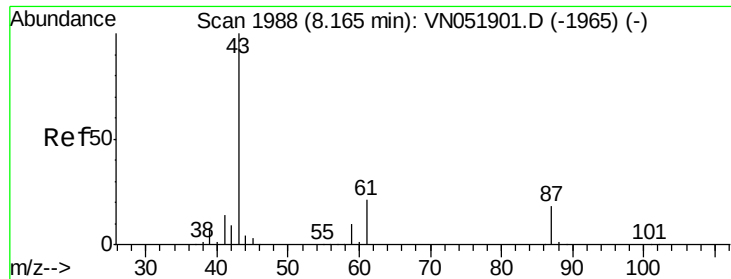
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051938.D
 Acq: 19 Oct 2018 10:53

Tgt Ion:113 Resp: 542686
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 123.8
 192 21.5 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: 27.111 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051938.D

Acq: 19 Oct 2018 10:53

Instrument :

MSVOA_N

ClientSampleId :

PB113937TB

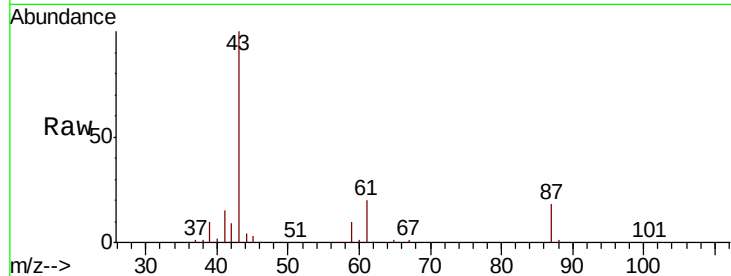
Tot Ion: 43 Resp: 281141

Ion Ratio Lower Upper

43 100

61 20.9 24.9 37.3#

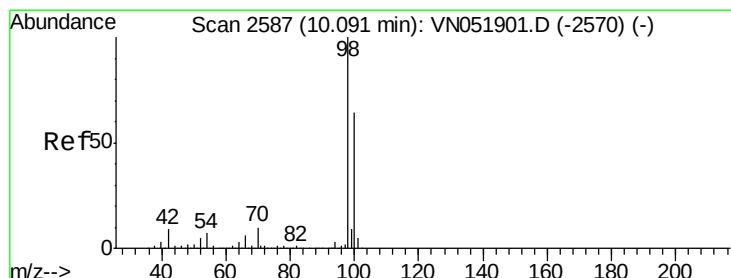
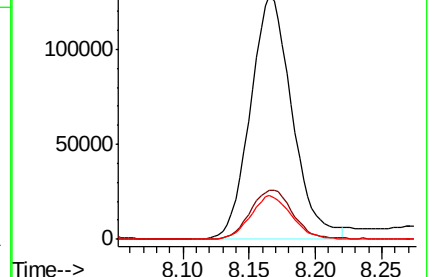
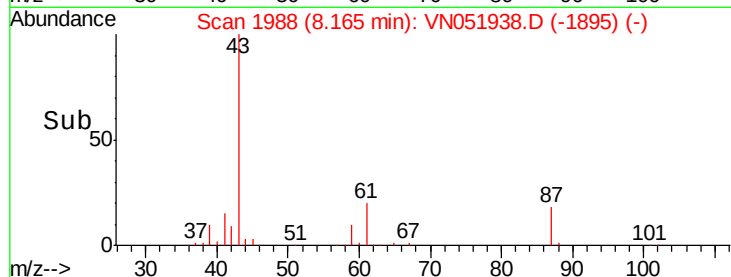
87 17.7 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051901.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051901.D (-1965) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051938.D

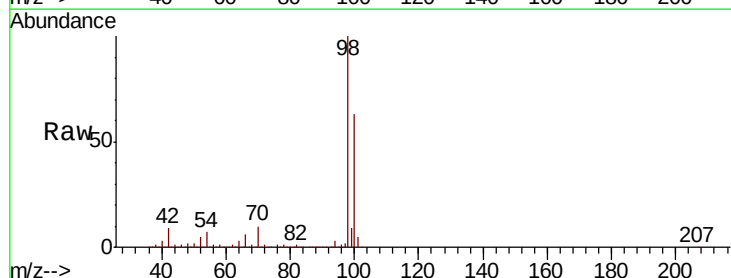
Acq: 19 Oct 2018 10:53

Tgt Ion: 98 Resp: 1984440

Ion Ratio Lower Upper

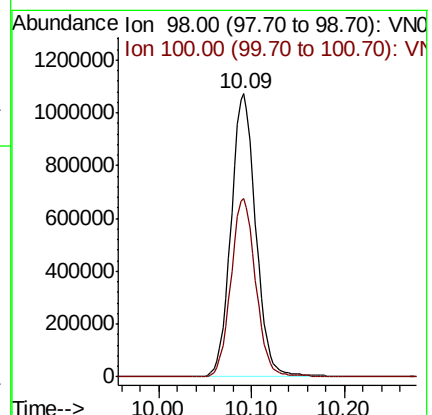
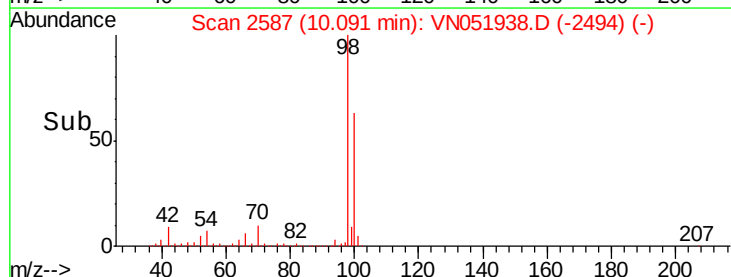
98 100

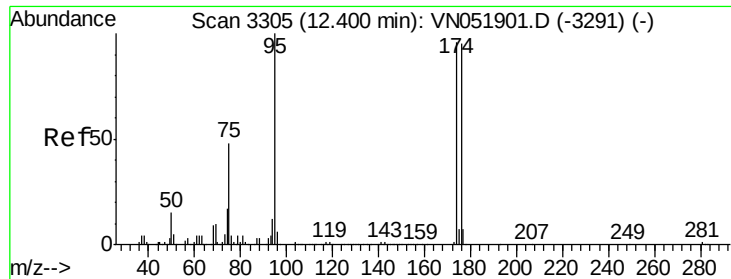
100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN051901.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051901.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051938.D

Acq: 19 Oct 2018 10:53

Instrument :

MSVOA_N

ClientSampleId :

PB113937TB

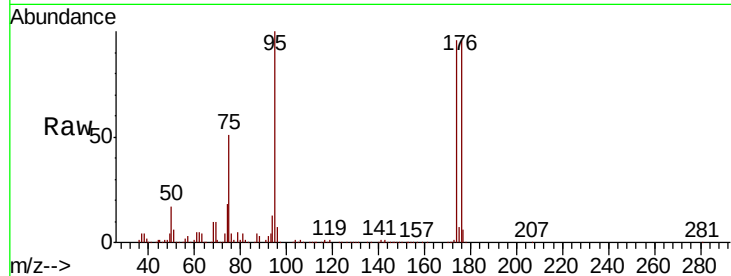
Tot Ion: 95 Resp: 557805

Ion Ratio Lower Upper

95 100

174 96.4 0.0 195.0

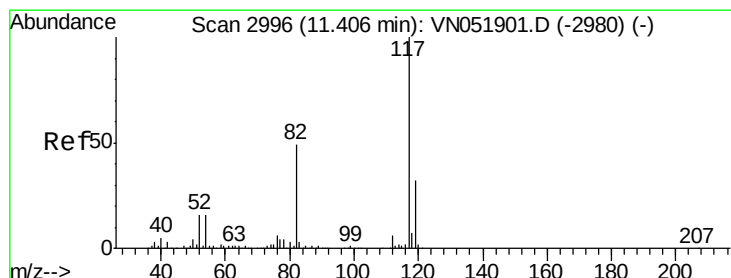
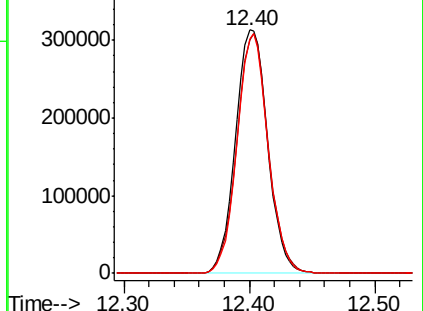
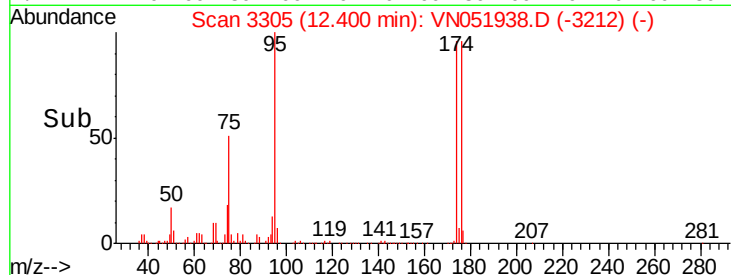
176 94.7 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VN051938.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051938.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051938.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051938.D

Acq: 19 Oct 2018 10:53

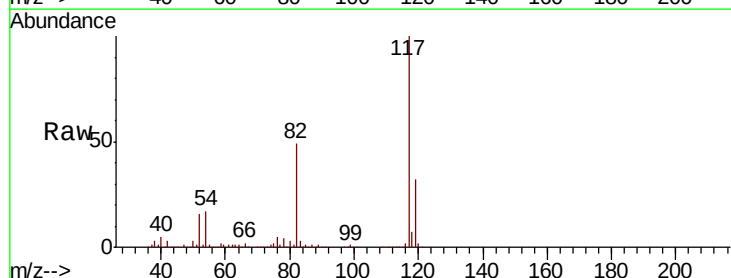
Tgt Ion: 117 Resp: 1287401

Ion Ratio Lower Upper

117 100

82 48.6 38.9 58.3

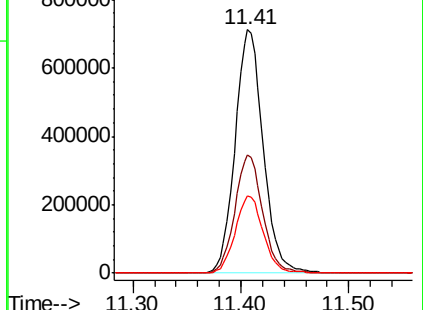
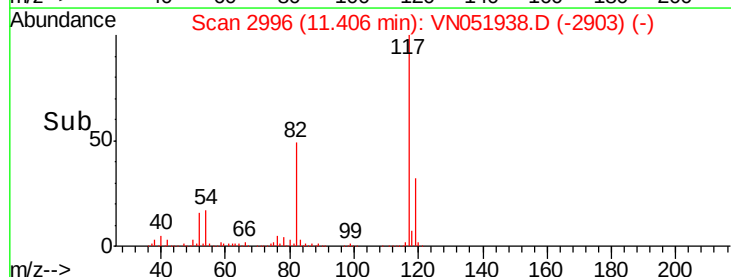
119 31.5 25.9 38.9

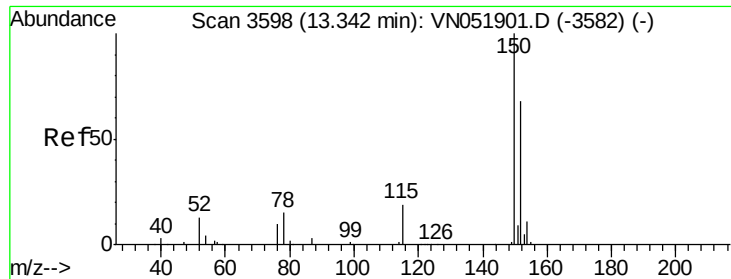


Abundance Ion 116.90 (116.60 to 117.60): VN051938.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051938.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051938.D (-2903) (-)



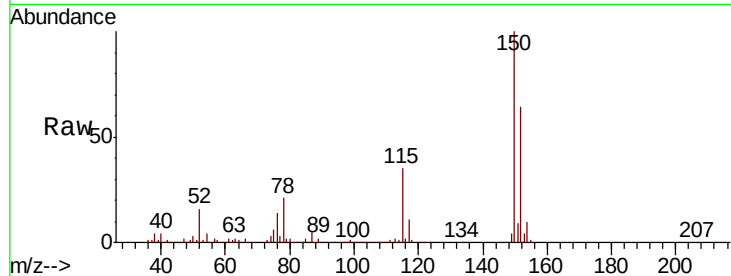


#72

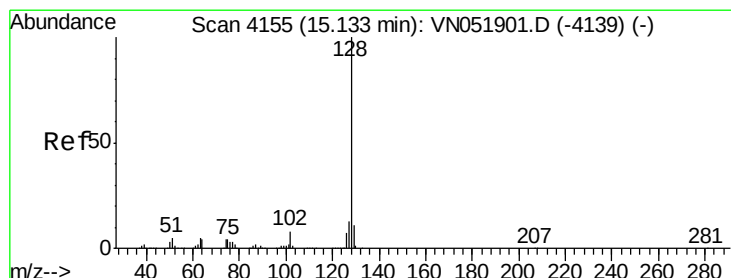
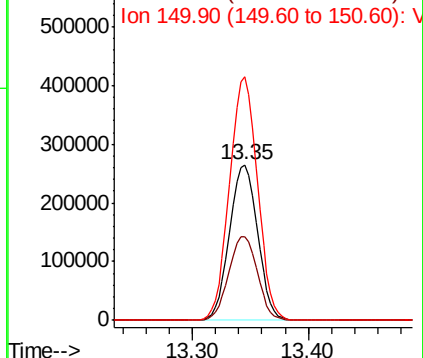
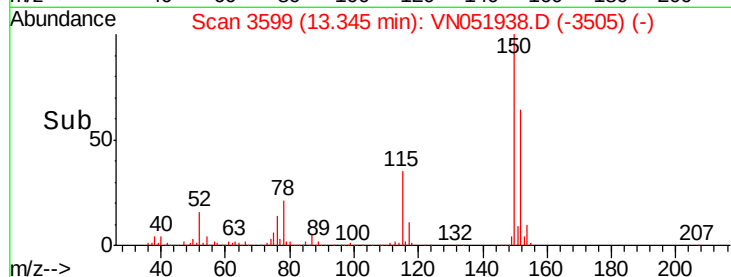
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051938.D
Acq: 19 Oct 2018 10:53

Instrument :
MSVOA_N
ClientSampled :
PB113937TB

Tot Ion:152 Resp: 443979
Ion Ratio Lower Upper
152 100
115 54.9 26.7 80.1
150 155.7 0.0 346.4



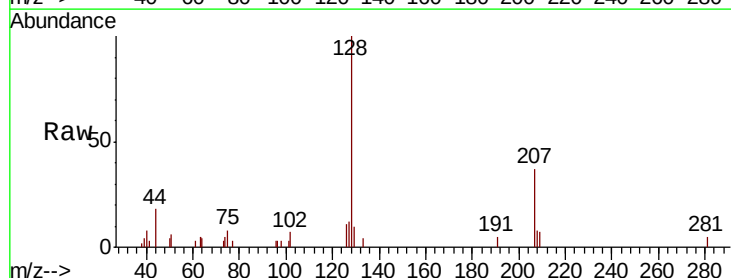
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.836 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN051938.D
Acq: 19 Oct 2018 10:53

Tgt Ion:128 Resp: 12261
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 6.6 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

