

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051942.D
 Acq On : 19 Oct 2018 12:40
 Operator : MD\SY
 Sample : PB113937ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#03

Quant Time: Oct 19 23:53:22 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

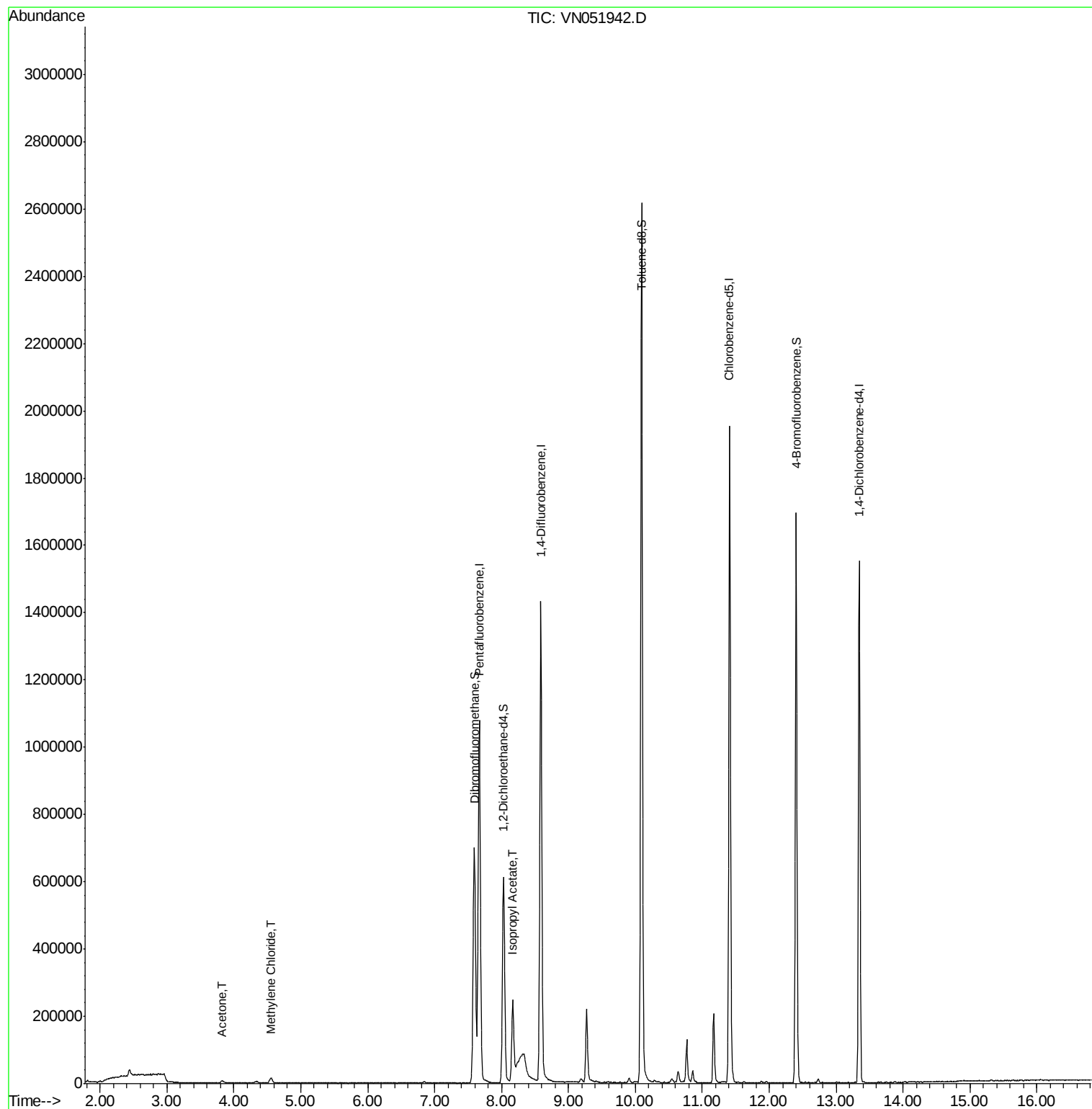
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	961387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1411790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1258419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	534714	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
35) Dibromofluoromethane	7.59	113	532467	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
50) Toluene-d8	10.09	98	1956070	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
62) 4-Bromofluorobenzene	12.40	95	551844	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
Target Compounds						
16) Acetone	3.83	43	9732	6.167	ug/l #	82
20) Methylene Chloride	4.55	84	10991	1.370	ug/l	93
43) Isopropyl Acetate	8.17	43	286116	28.161	ug/l #	87

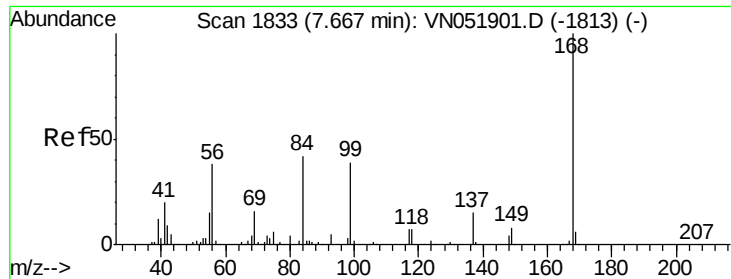
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051942.D

Acq: 19 Oct 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

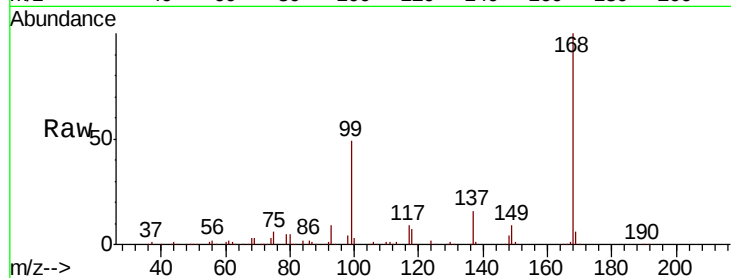
PB113937ZHE#03

Tot Ion:168 Resp: 961387

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051942.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051942.D (-1740) (-)

7.67

400000

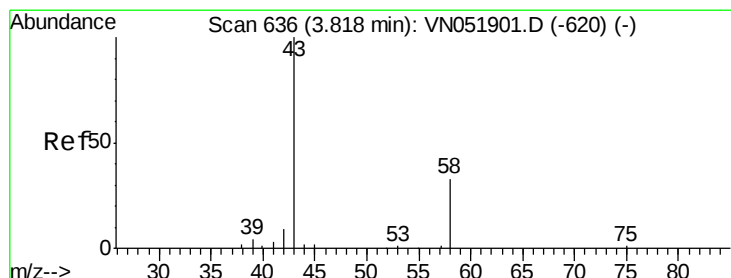
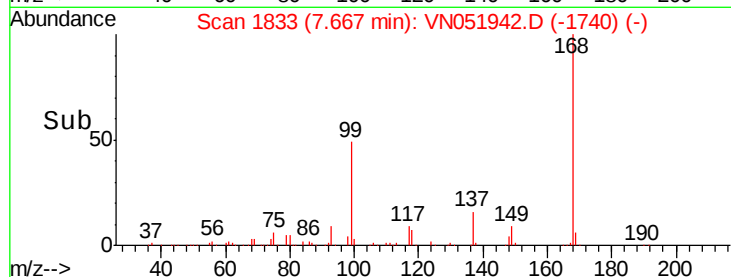
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 6.167 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051942.D

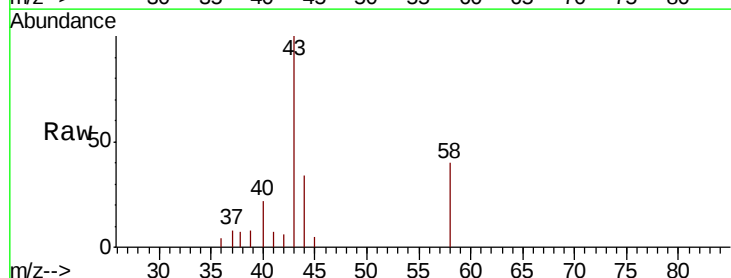
Acq: 19 Oct 2018 12:40

Tgt Ion: 43 Resp: 9732

Ion Ratio Lower Upper

43 100

58 42.6 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051942.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051942.D (-543) (-)

3.83

4000

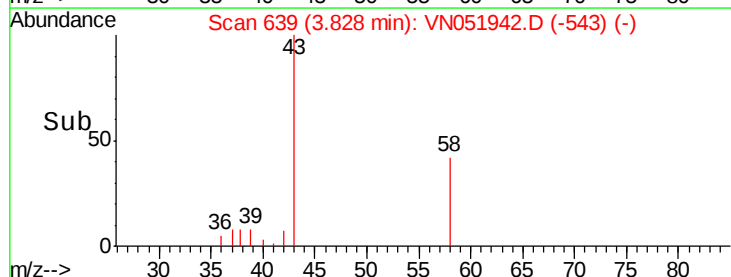
3000

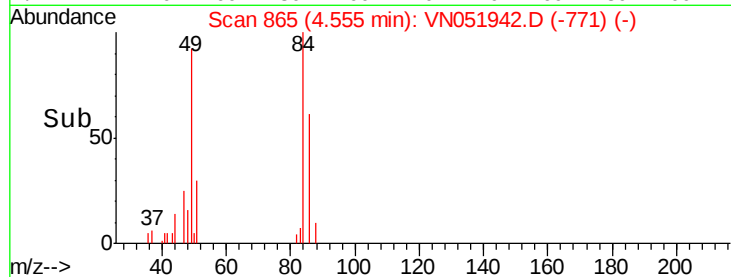
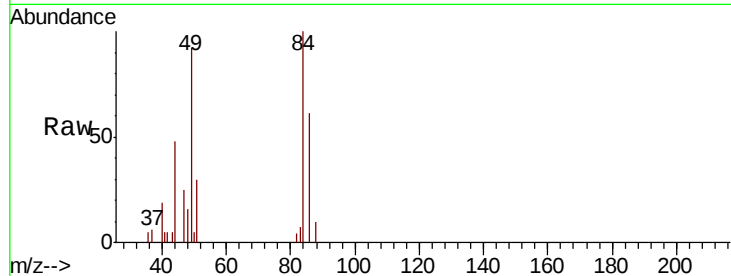
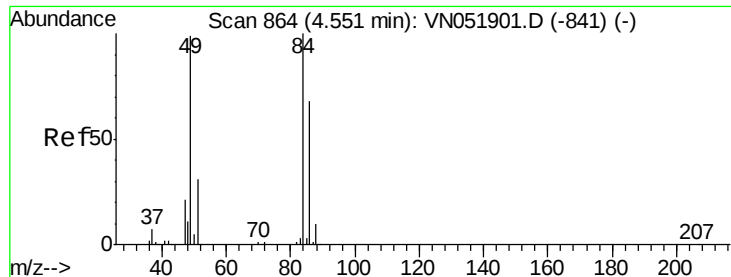
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

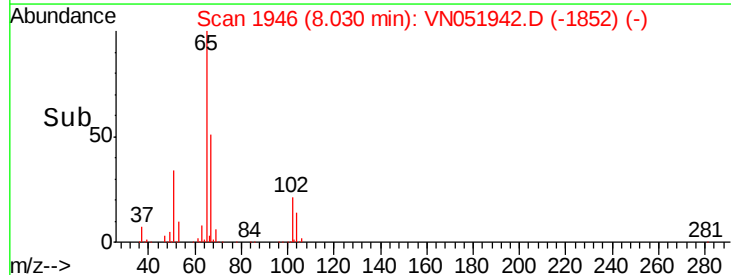
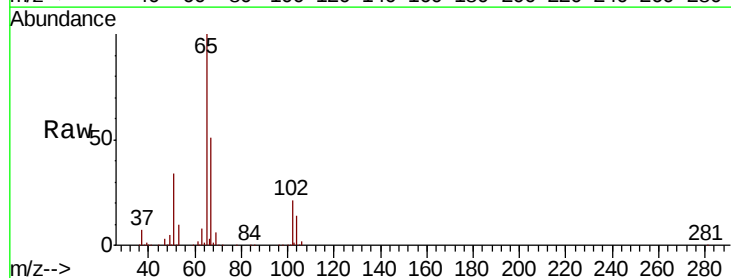
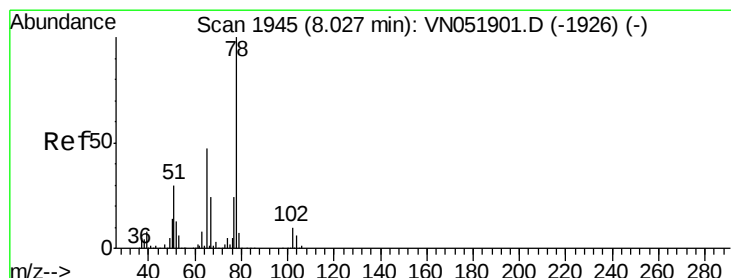
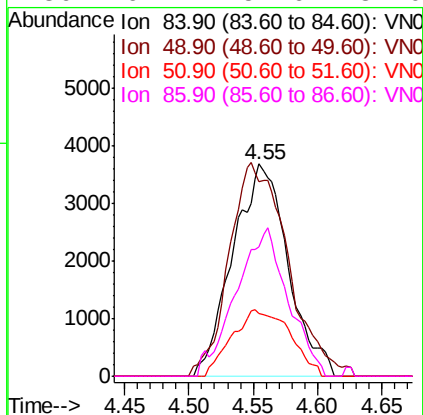




#20
Methvlene Chloride
Concen: 1.370 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051942.D
Acq: 19 Oct 2018 12:40

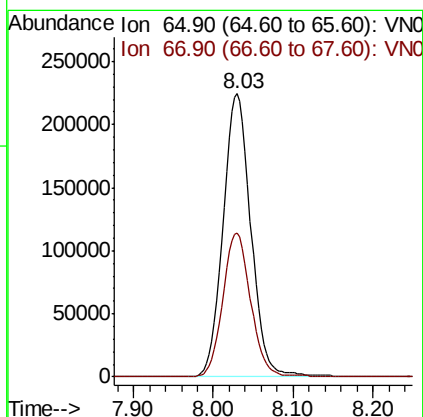
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#03

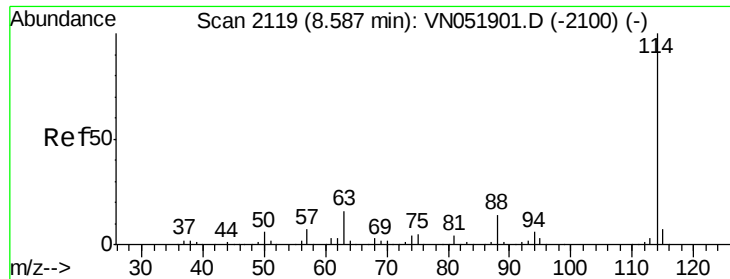
Tot Ion:	84	Resp:	10991
Ion	Ratio	Lower	Upper
84	100		
49	91.5	79.0	118.4
51	29.9	24.9	37.3
86	61.1	54.6	82.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051942.D
Acq: 19 Oct 2018 12:40

Tgt Ion:	65	Resp:	534714
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0

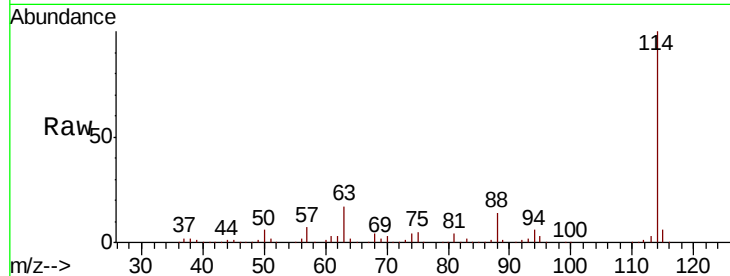




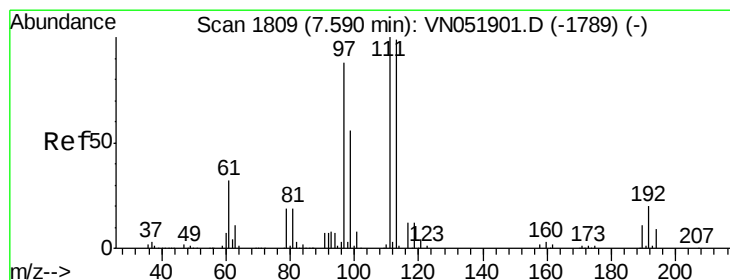
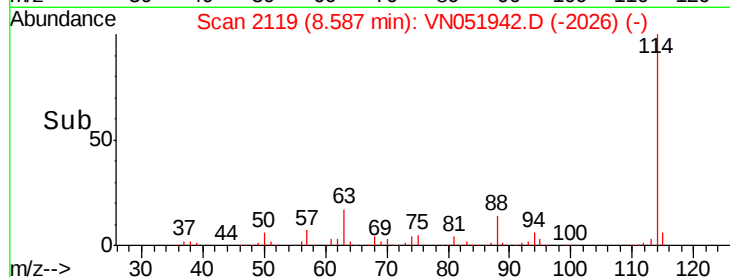
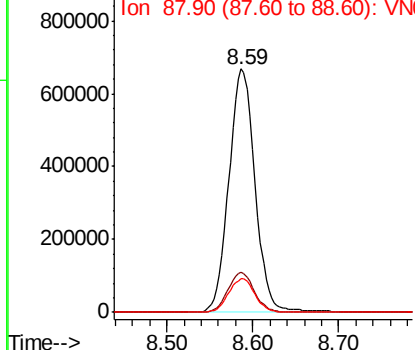
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051942.D
Acq: 19 Oct 2018 12:40

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#03

Tot Ion:114 Resp: 1411790
Ion Ratio Lower Upper
114 100
63 16.7 0.0 31.8
88 13.7 0.0 28.0

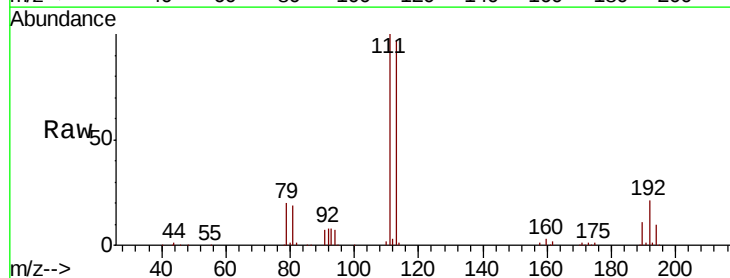


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

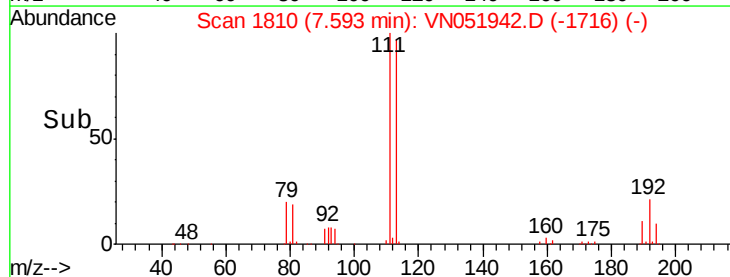
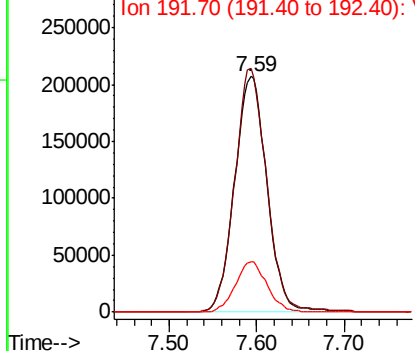


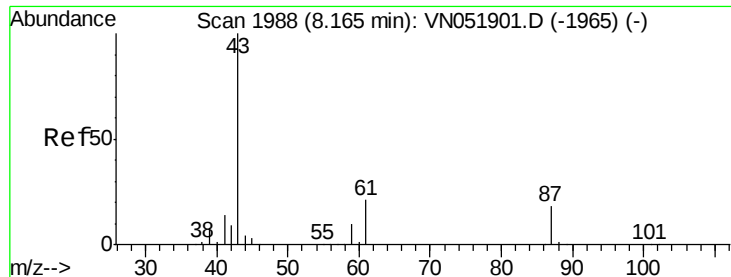
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051942.D
Acq: 19 Oct 2018 12:40

Tgt Ion:113 Resp: 532467
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 21.0 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: 28.161 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051942.D

Acq: 19 Oct 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#03

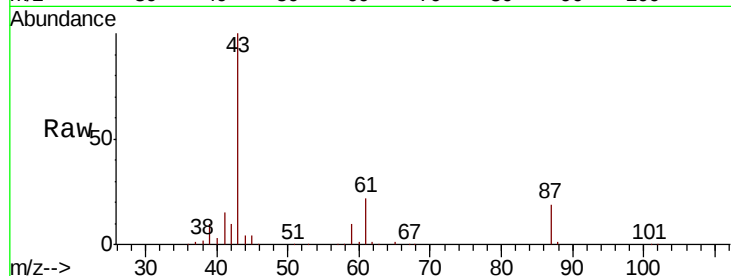
Tot Ion: 43 Resp: 286116

Ion Ratio Lower Upper

43 100

61 20.9 24.9 37.3#

87 17.1 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) (-)

8.17

150000

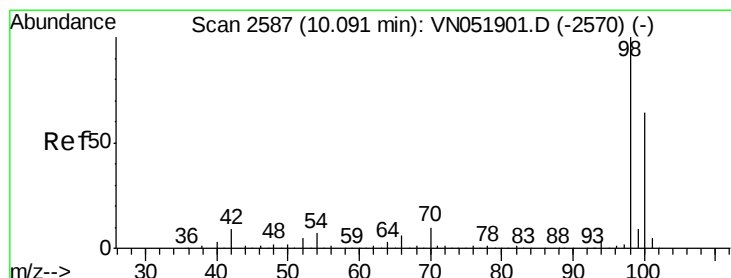
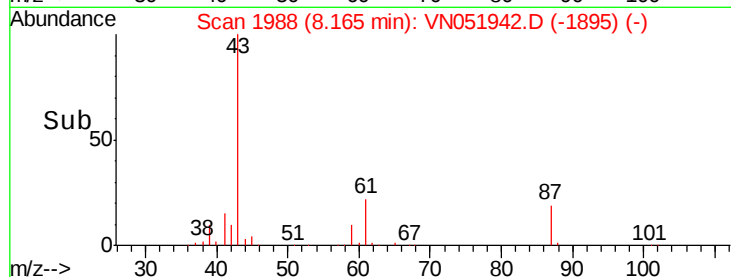
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051942.D

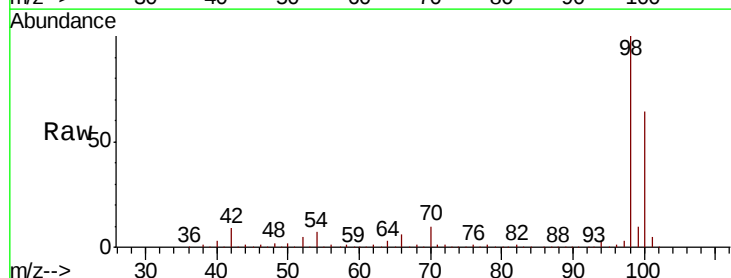
Acq: 19 Oct 2018 12:40

Tgt Ion: 98 Resp: 1956070

Ion Ratio Lower Upper

98 100

100 63.7 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) (-)

10.09

1200000

1000000

800000

600000

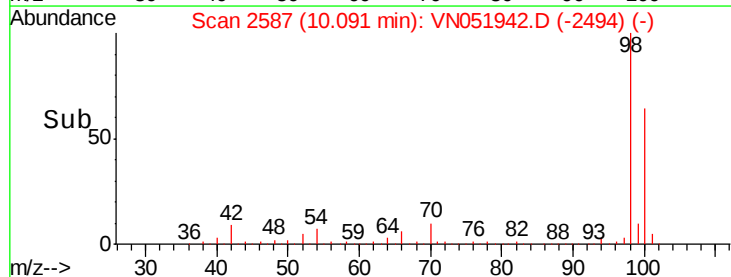
400000

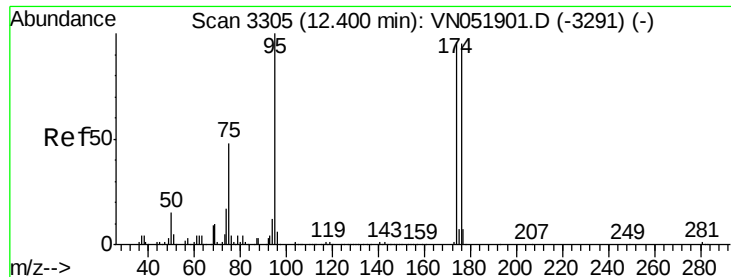
200000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051942.D

Acq: 19 Oct 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#03

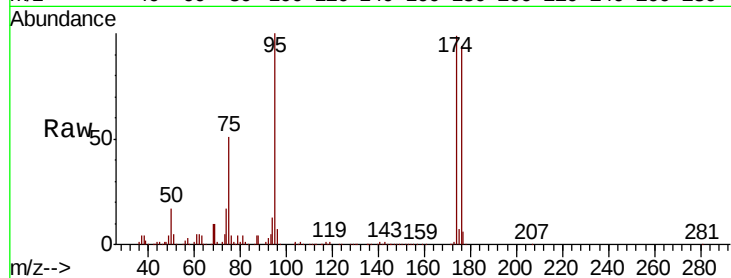
Tot Ion: 95 Resp: 551844

Ion Ratio Lower Upper

95 100

174 98.2 0.0 195.0

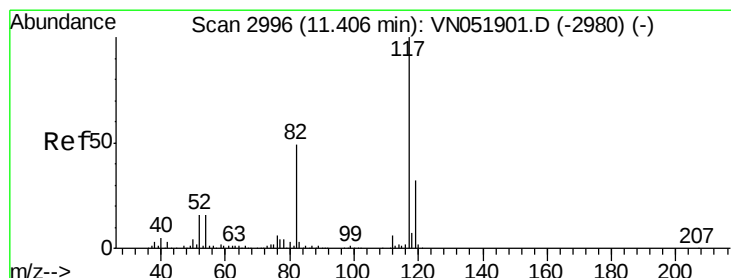
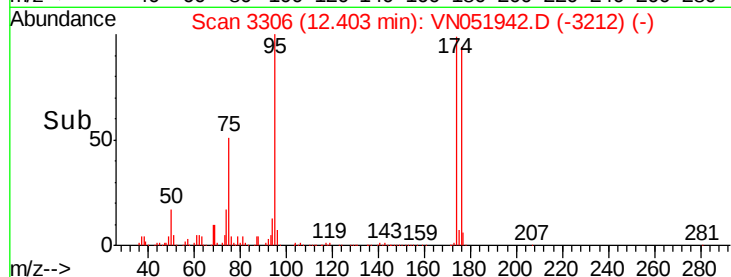
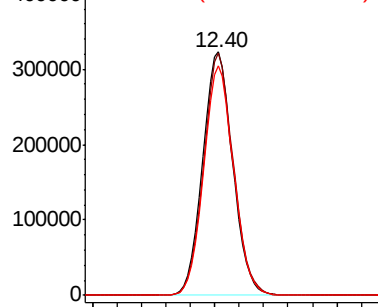
176 94.0 0.0 191.4



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# 2996

Delta R.T. -0.00 min

Lab File: VN051942.D

Acq: 19 Oct 2018 12:40

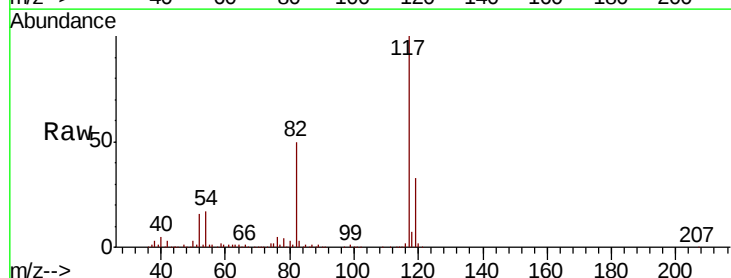
Tgt Ion: 117 Resp: 1258419

Ion Ratio Lower Upper

117 100

82 49.7 38.9 58.3

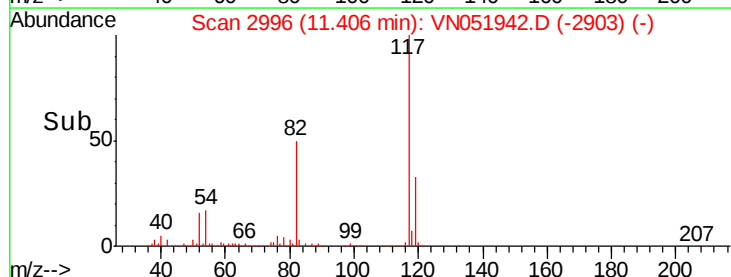
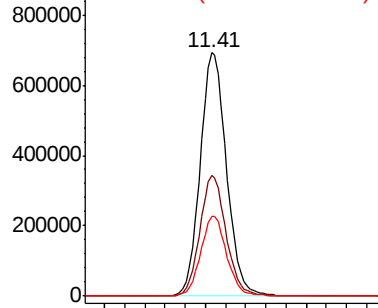
119 32.7 25.9 38.9

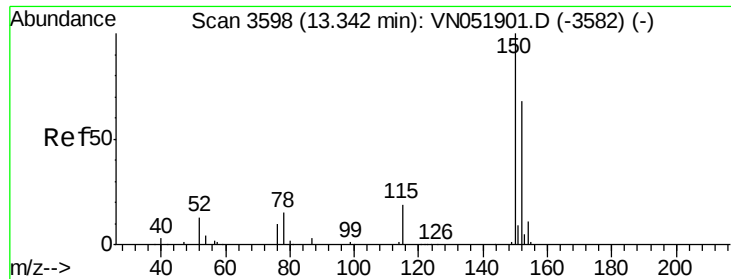


Abundance Ion 116.90 (116.60 to 117.60): VN051901.D (-2980) (-)

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: VN051942.D

Acq: 19 Oct 2018 12:40

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#03

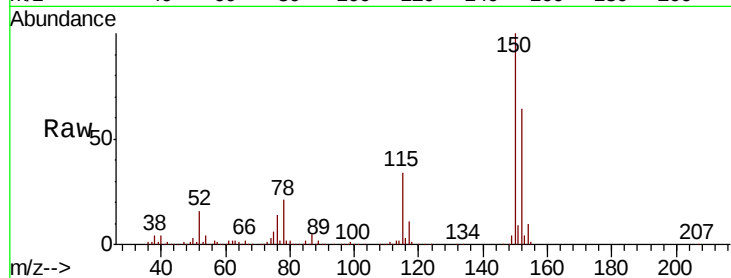
Tot Ion:152 Resp: 456120

Ion Ratio Lower Upper

152 100

115 54.1 26.7 80.1

150 157.2 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

