

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051950.D
 Acq On : 19 Oct 2018 16:14
 Operator : MD\SY
 Sample : PB113937ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#11

Quant Time: Oct 20 00:16:08 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

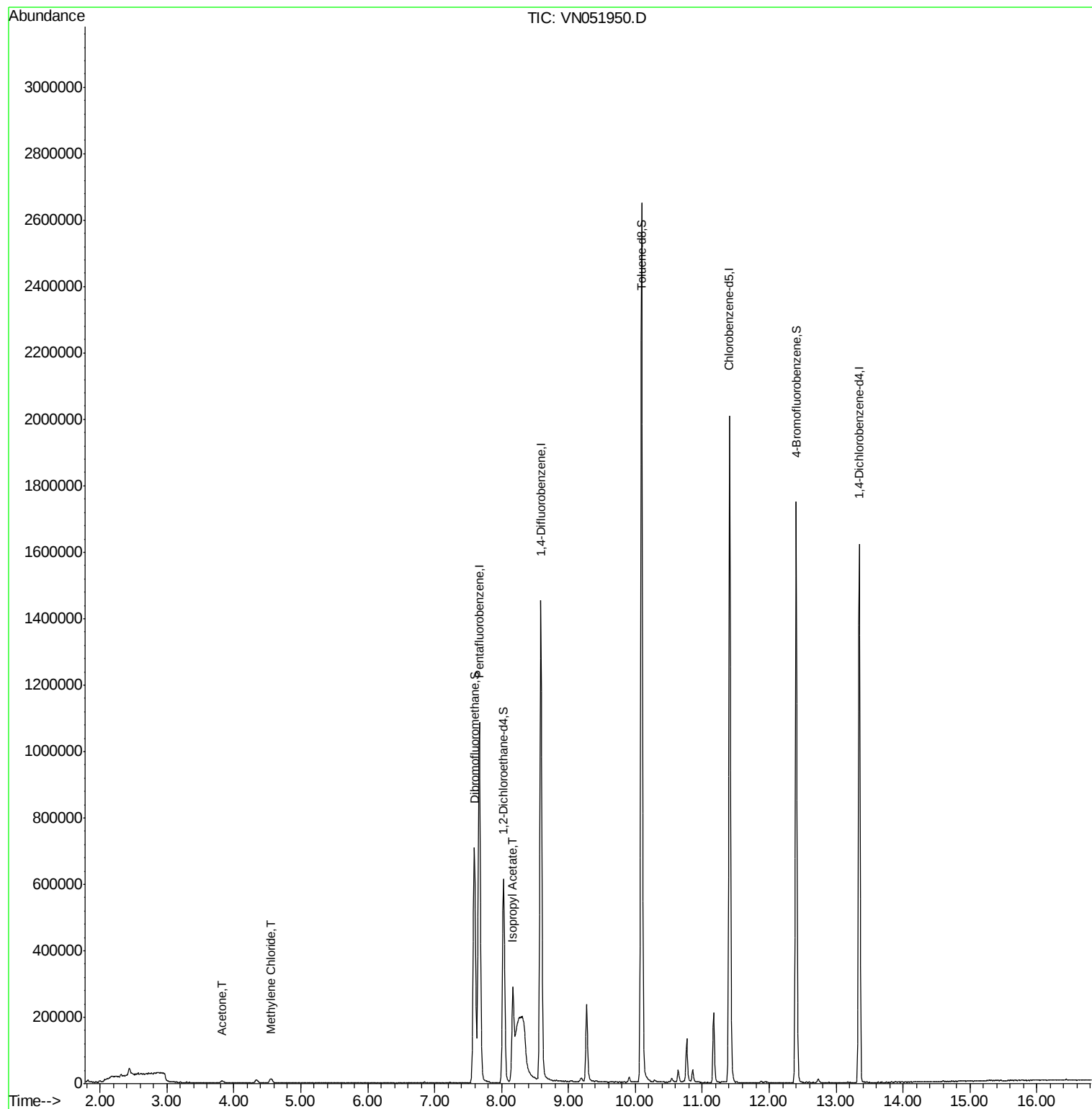
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	966412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1429957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1280483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	469480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	531903	59.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.74%	
35) Dibromofluoromethane	7.59	113	526060	57.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.76%	
50) Toluene-d8	10.09	98	1973281	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
62) 4-Bromofluorobenzene	12.40	95	570668	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
16) Acetone	3.83	43	11169	7.040	ug/l	98
20) Methylene Chloride	4.55	84	9866	1.223	ug/l	92
43) Isopropyl Acetate	8.17	43	349060	34.211	ug/l #	81

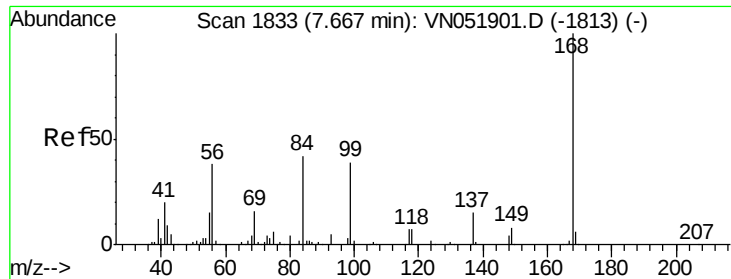
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051950.D

Acq: 19 Oct 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

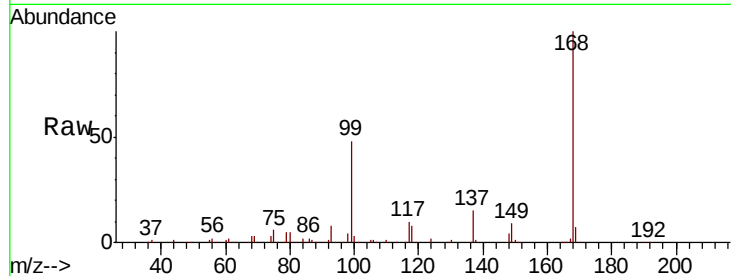
PB113937ZHE#11

Tot Ion:168 Resp: 966412

Ion Ratio Lower Upper

168 100

99 48.4 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

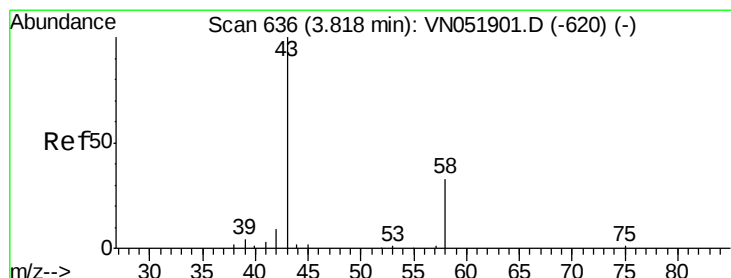
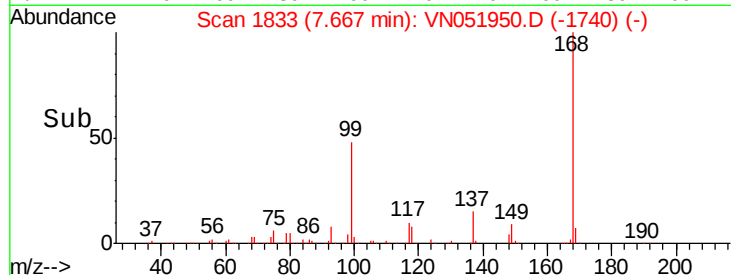
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.040 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051950.D

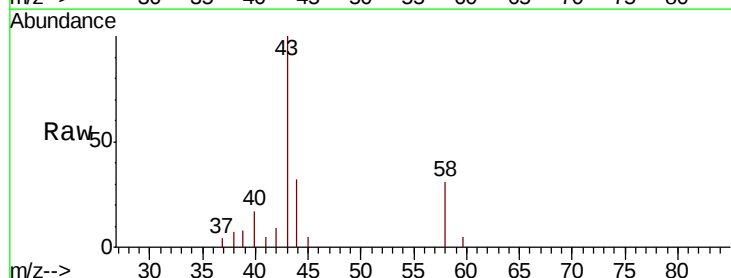
Acq: 19 Oct 2018 16:14

Tgt Ion: 43 Resp: 11169

Ion Ratio Lower Upper

43 100

58 31.4 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

4000

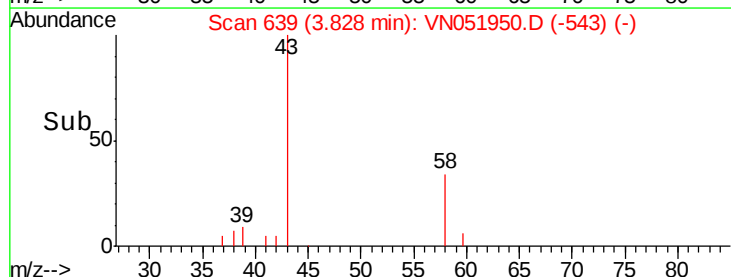
3000

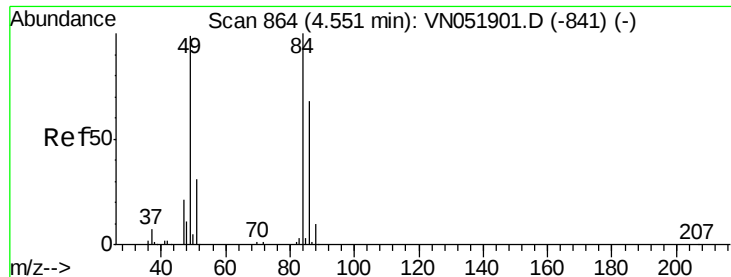
2000

1000

0

Time-->

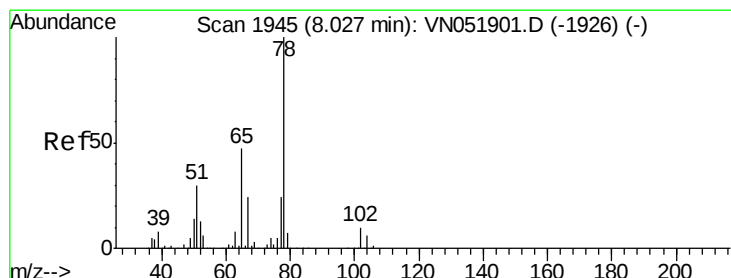
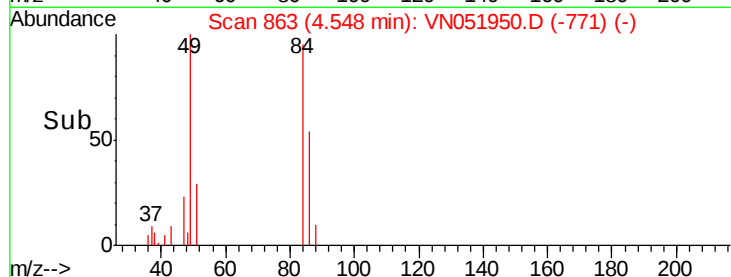
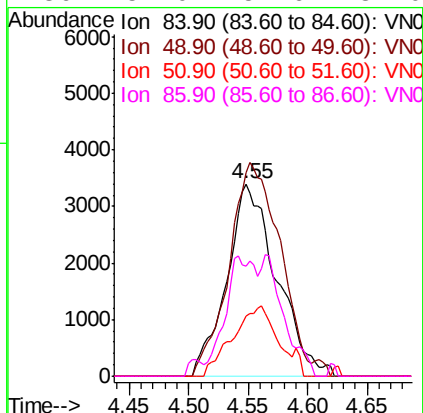
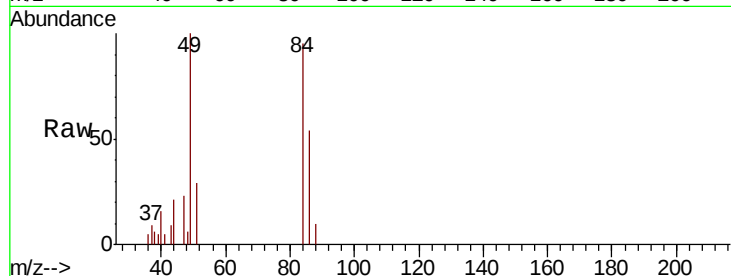




#20
Methvlene Chloride
Concen: 1.223 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051950.D
Acq: 19 Oct 2018 16:14

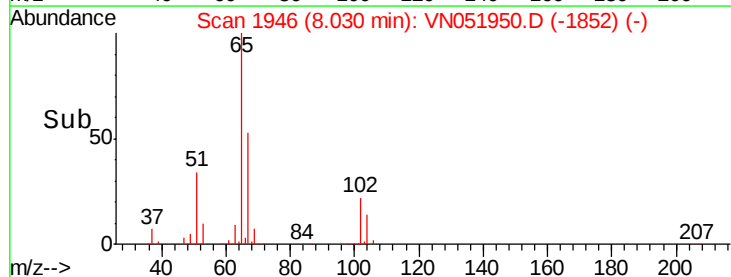
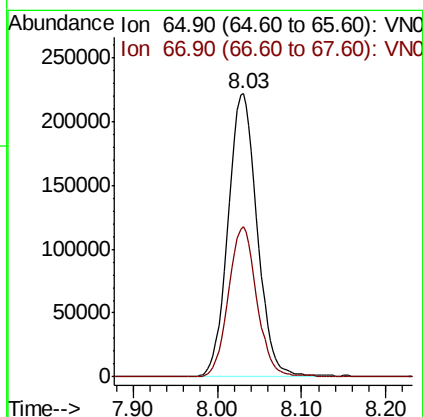
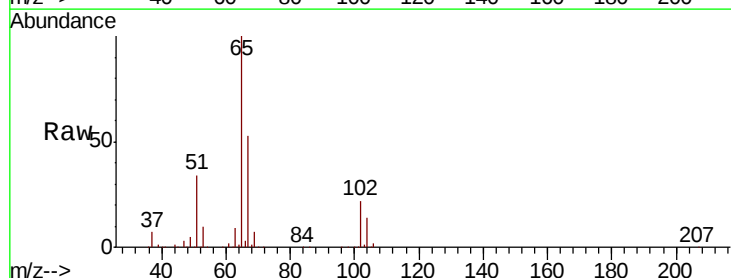
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#11

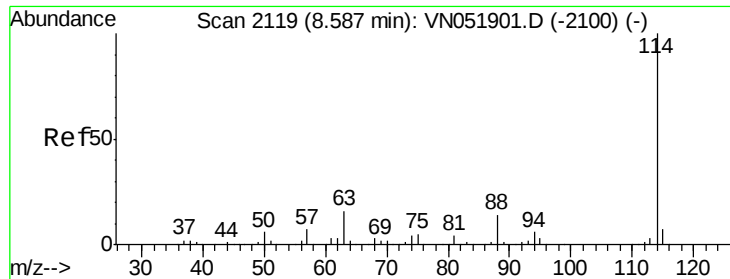
Tot Ion: 84 Resp: 9866
Ion Ratio Lower Upper
84 100
49 105.8 79.0 118.4
51 31.1 24.9 37.3
86 57.0 54.6 82.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051950.D
Acq: 19 Oct 2018 16:14

Tgt Ion: 65 Resp: 531903
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

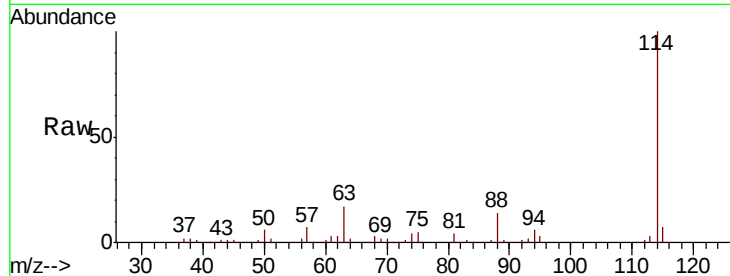




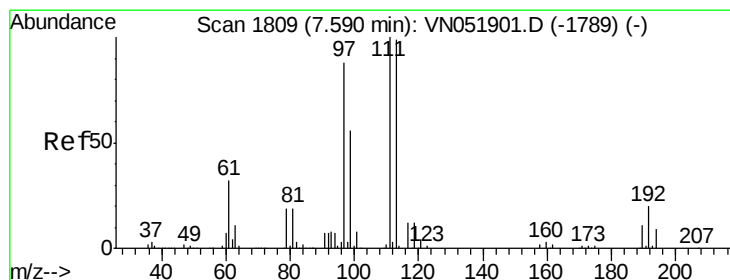
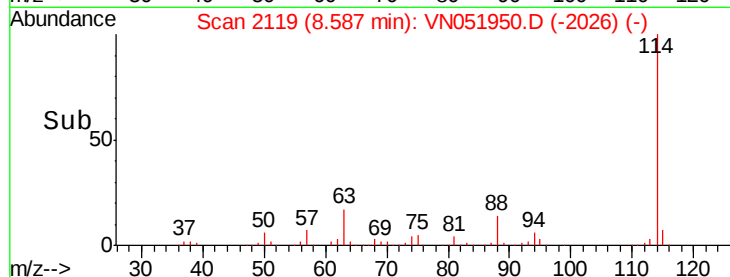
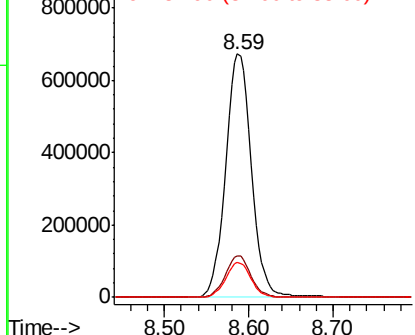
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051950.D
Acq: 19 Oct 2018 16:14

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#11

Tot Ion:114 Resp: 1429957
Ion Ratio Lower Upper
114 100
63 17.1 0.0 31.8
88 14.2 0.0 28.0

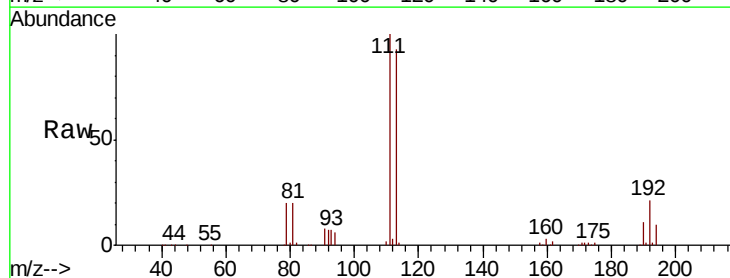


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

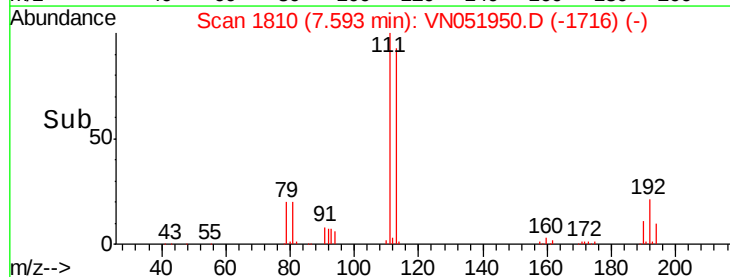
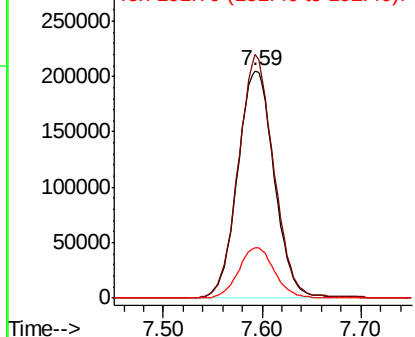


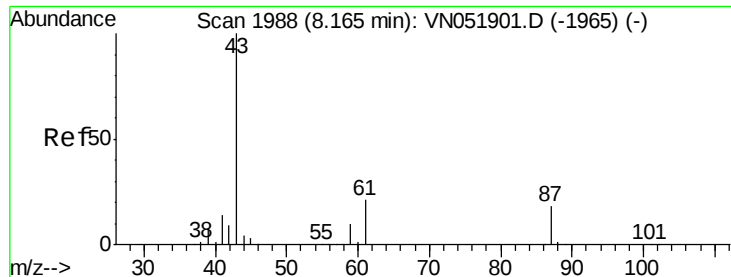
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051950.D
Acq: 19 Oct 2018 16:14

Tgt Ion:113 Resp: 526060
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 21.9 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: 34.211 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051950.D

Acq: 19 Oct 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#11

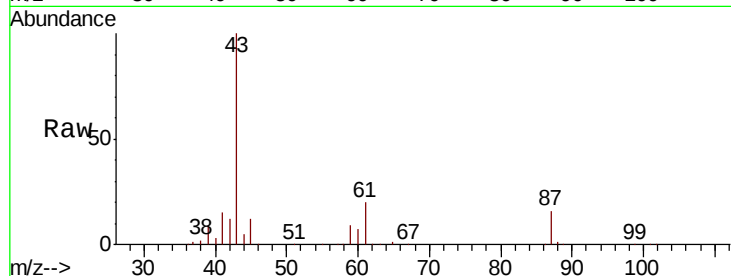
Tot Ion: 43 Resp: 349060

Ion Ratio Lower Upper

43 100

61 17.6 24.9 37.3#

87 14.2 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

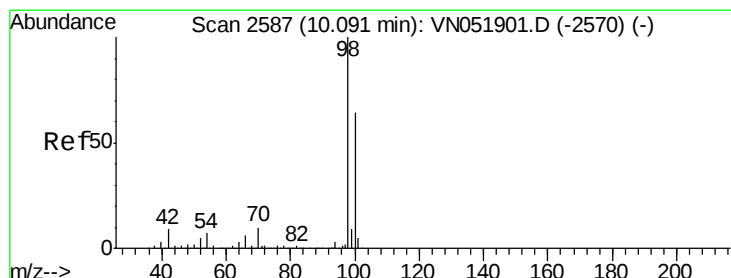
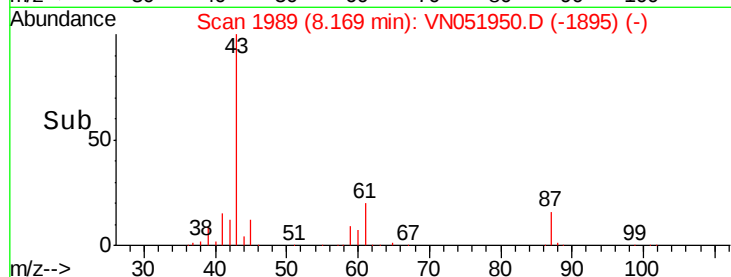
100000

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: VN051950.D

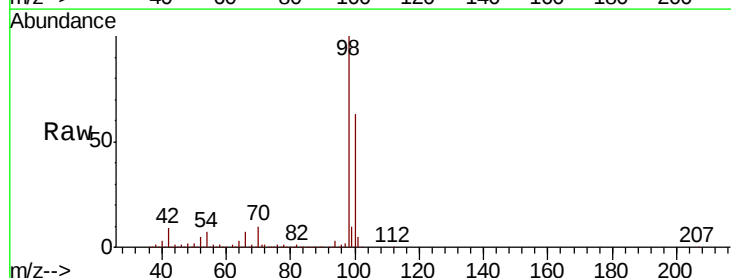
Acq: 19 Oct 2018 16:14

Tgt Ion: 98 Resp: 1973281

Ion Ratio Lower Upper

98 100

100 63.6 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

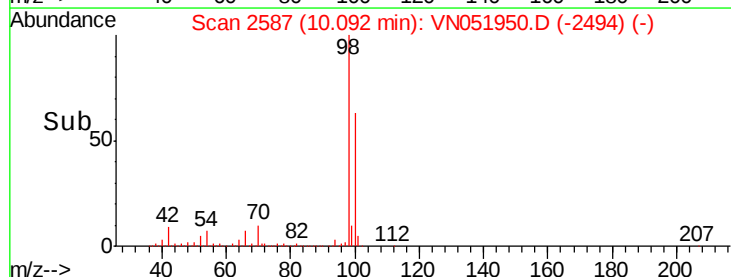
400000

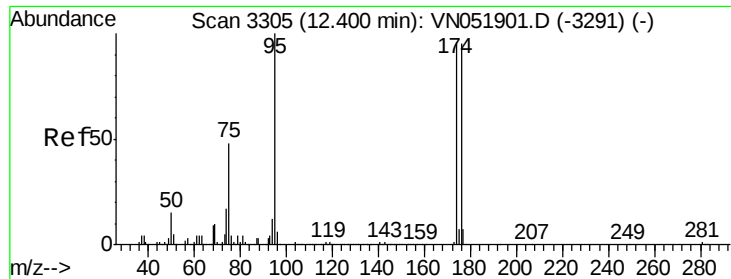
200000

0

10.00 10.10 10.20 10.30

Time-->

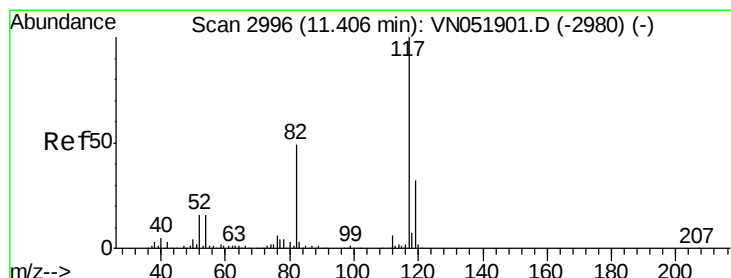
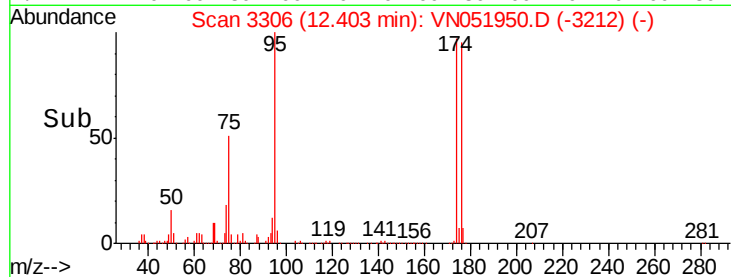
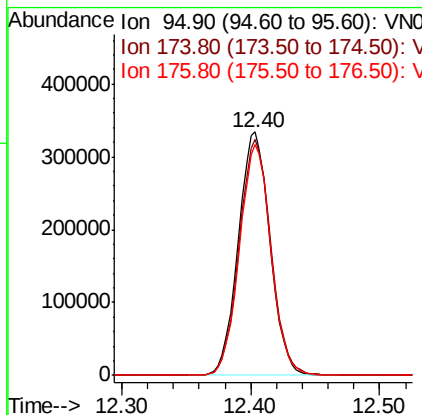
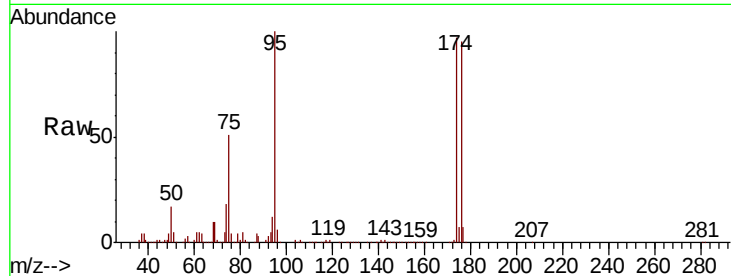




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051950.D
Acq: 19 Oct 2018 16:14

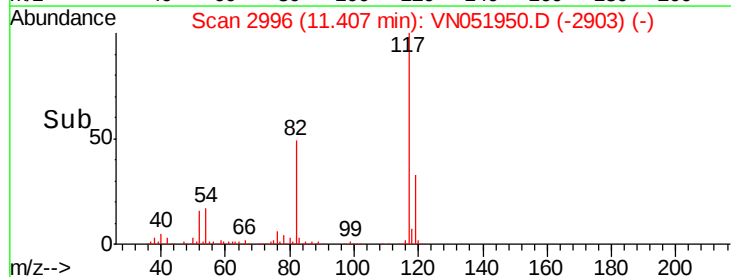
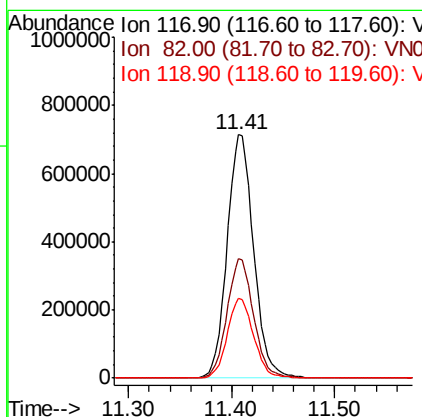
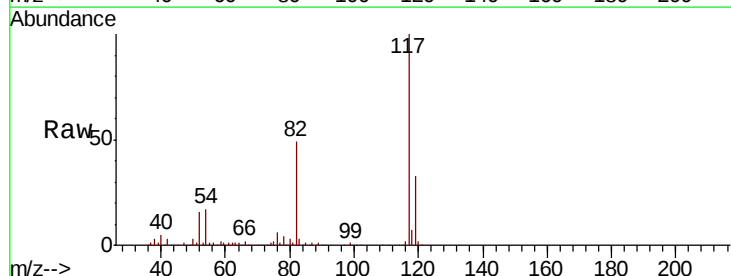
Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#11

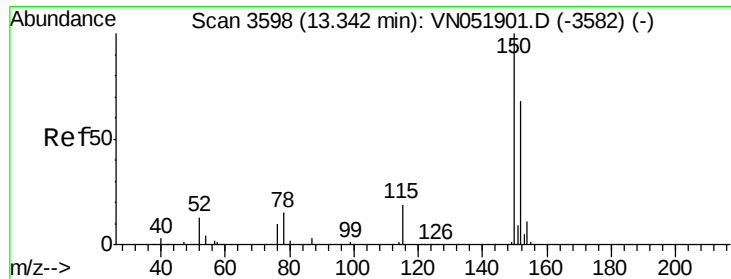
Tot Ion: 95 Resp: 570668
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.0
176 94.0 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051950.D
Acq: 19 Oct 2018 16:14

Tgt Ion: 117 Resp: 1280483
Ion Ratio Lower Upper
117 100
82 49.2 38.9 58.3
119 32.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051950.D

Acq: 19 Oct 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#11

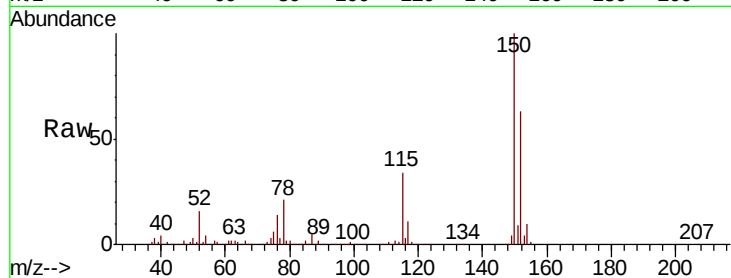
Tot Ion:152 Resp: 469480

Ion Ratio Lower Upper

152 100

115 53.7 26.7 80.1

150 158.3 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

