

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051948.D
 Acq On : 19 Oct 2018 15:20
 Operator : MD\SY
 Sample : PB113937ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113937ZHE#09

Quant Time: Oct 20 00:10:49 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

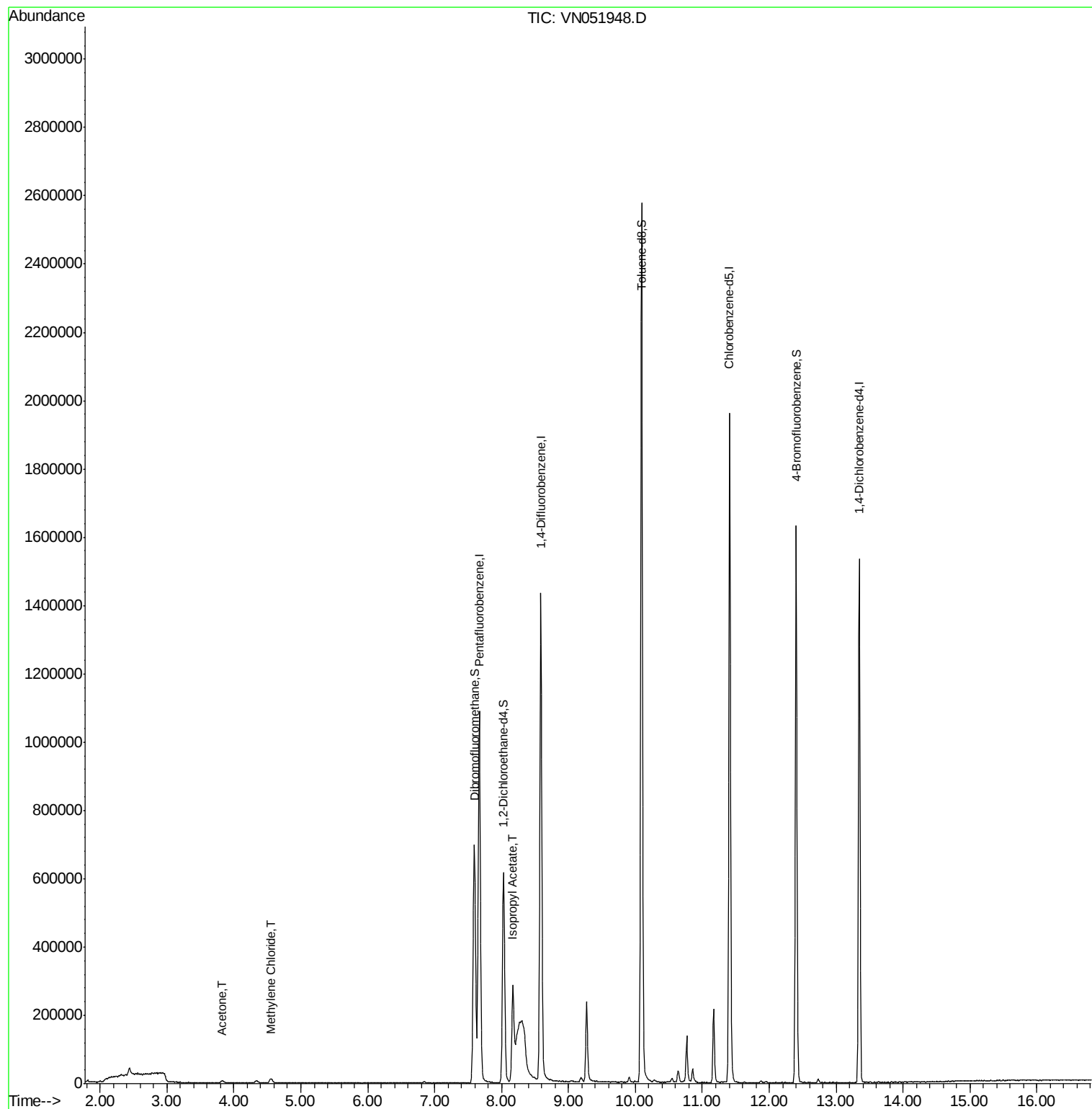
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	953582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1409917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1242196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	447189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	531501	60.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.24%	
35) Dibromofluoromethane	7.59	113	520504	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
50) Toluene-d8	10.09	98	1941756	59.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.06%	
62) 4-Bromofluorobenzene	12.40	95	544516	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
Target Compounds						
16) Acetone	3.83	43	10723	6.850	ug/l #	84
20) Methylene Chloride	4.56	84	9871	1.240	ug/l	93
43) Isopropyl Acetate	8.17	43	332091	32.960	ug/l #	85

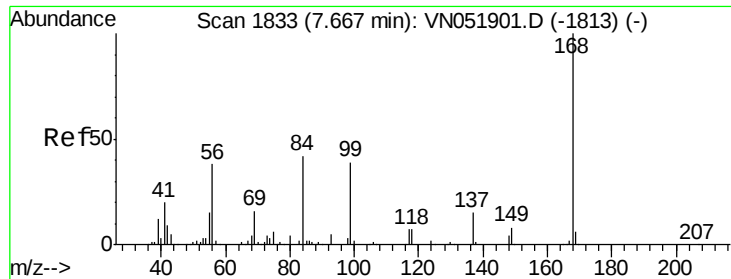
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051948.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

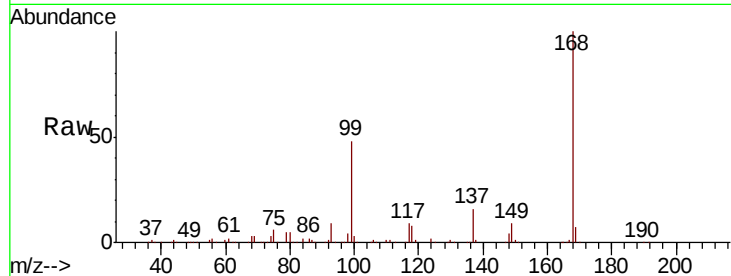
PB113937ZHE#09

Tot Ion:168 Resp: 953582

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051948.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051948.D (-1740) (-)

7.67

400000

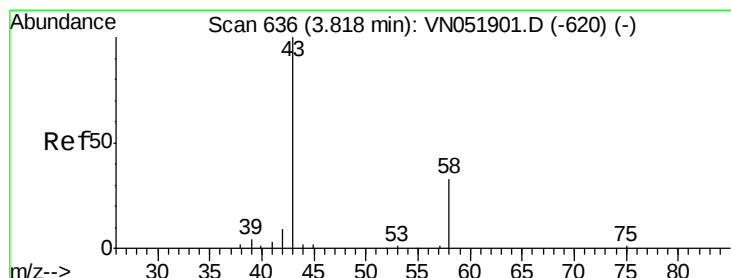
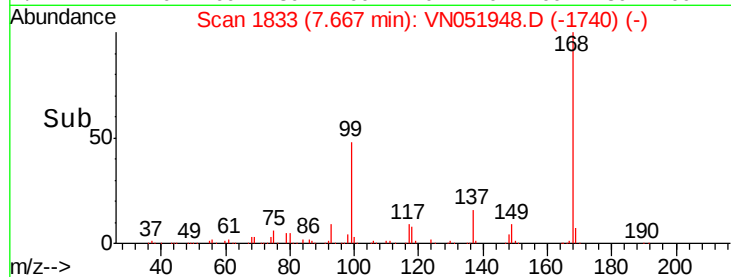
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.850 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN051948.D

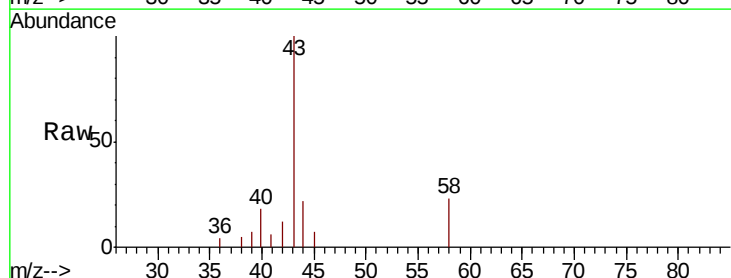
Acq: 19 Oct 2018 15:20

Tgt Ion: 43 Resp: 10723

Ion Ratio Lower Upper

43 100

58 23.7 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051948.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051948.D (-543) (-)

3.83

5000

4000

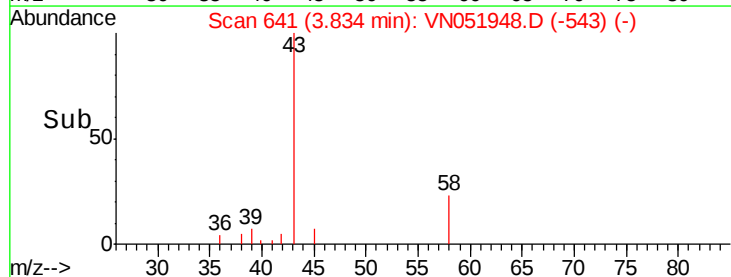
3000

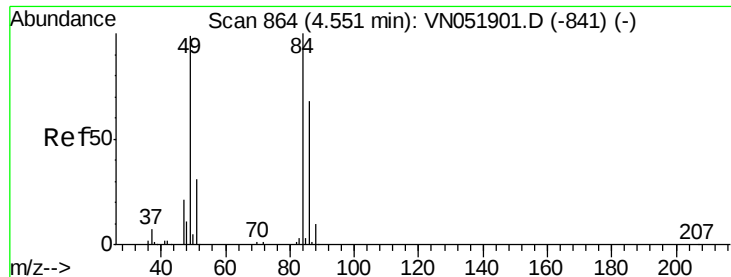
2000

1000

0

Time-->

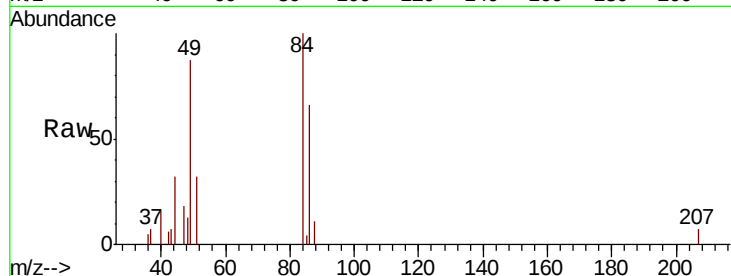




#20
Methvlene Chloride
Concen: 1.240 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tot Ion:	84	Resp:	9871
Ion	Ratio	Lower	Upper
84	100		
49	86.9	79.0	118.4
51	32.4	24.9	37.3
86	66.3	54.6	82.0



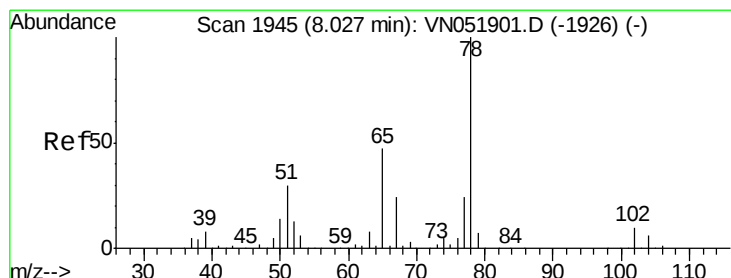
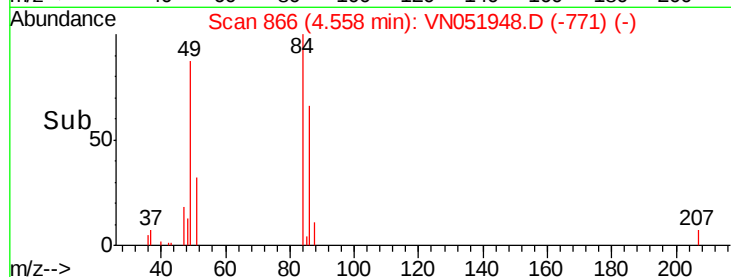
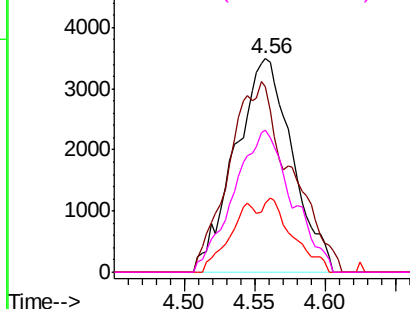
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

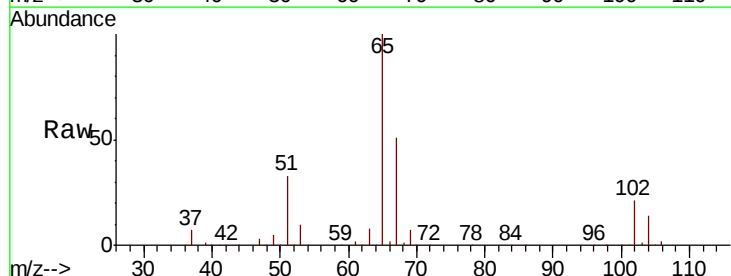
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

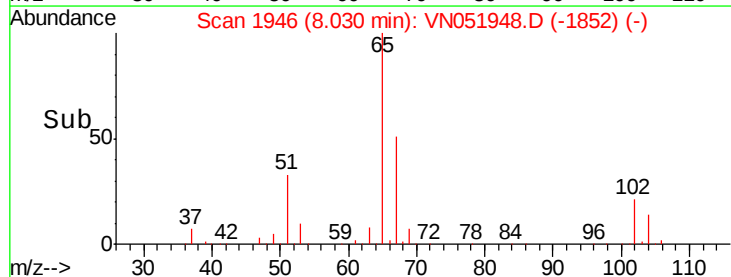
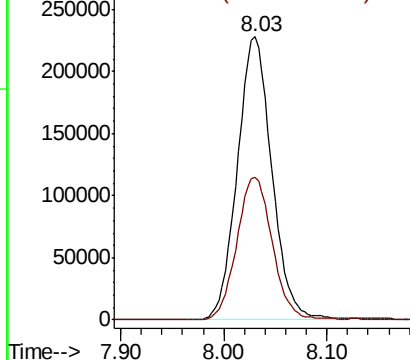
Tgt Ion:	65	Resp:	531501
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0

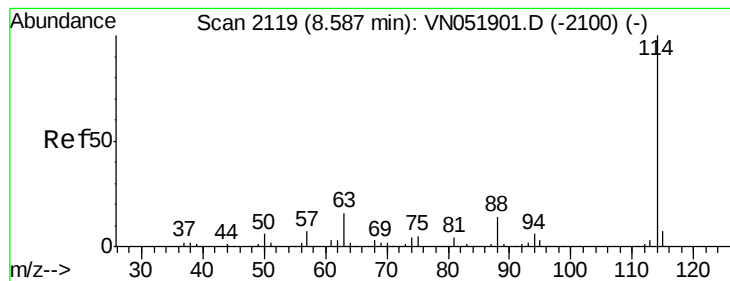


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051948.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#09

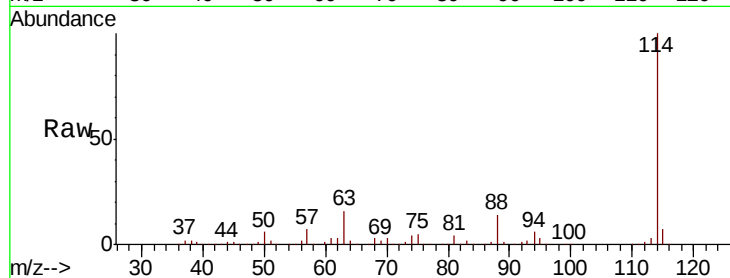
Tot Ion:114 Resp: 1409917

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.8

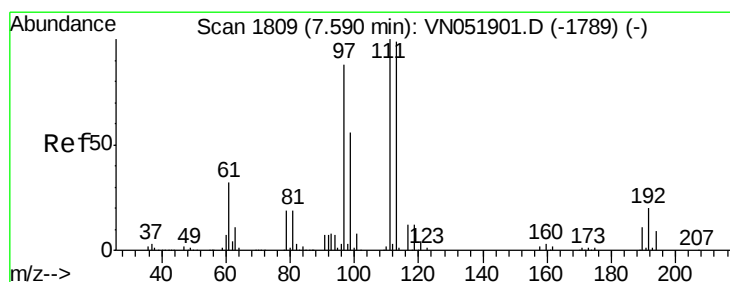
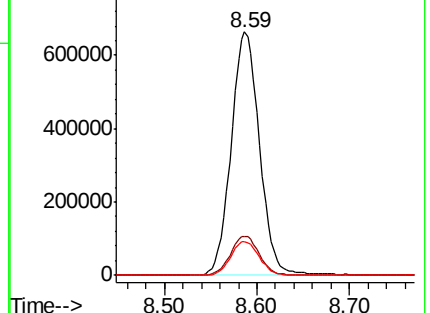
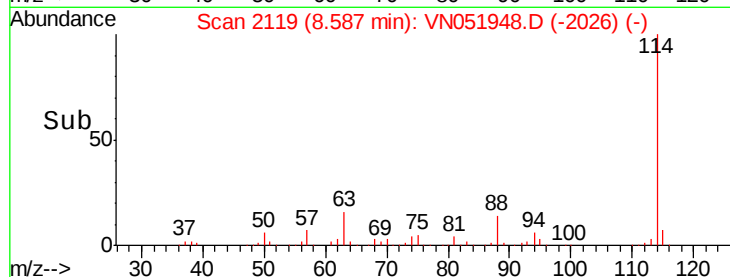
88 14.0 0.0 28.0



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: VN051948.D

Acq: 19 Oct 2018 15:20

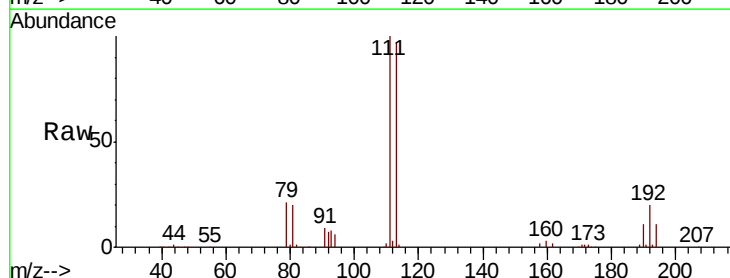
Tgt Ion:113 Resp: 520504

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

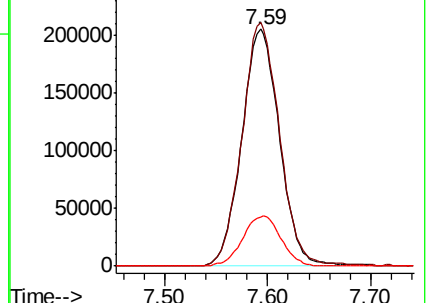
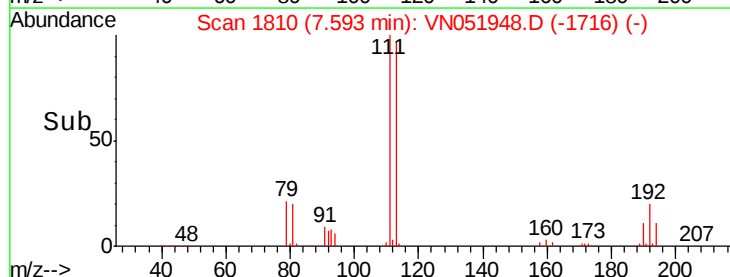
192 21.8 17.3 25.9

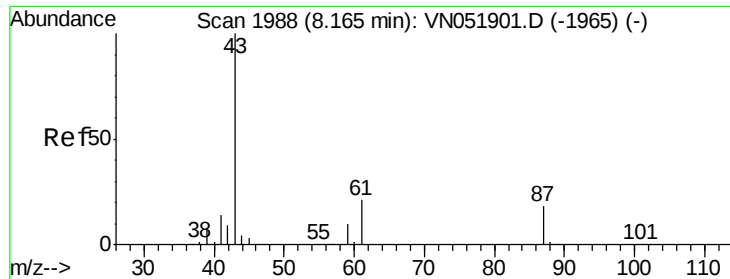


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 32.960 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051948.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#09

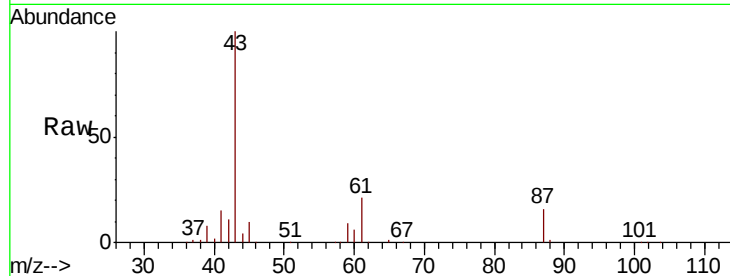
Tot Ion: 43 Resp: 332091

Ion Ratio Lower Upper

43 100

61 19.7 24.9 37.3#

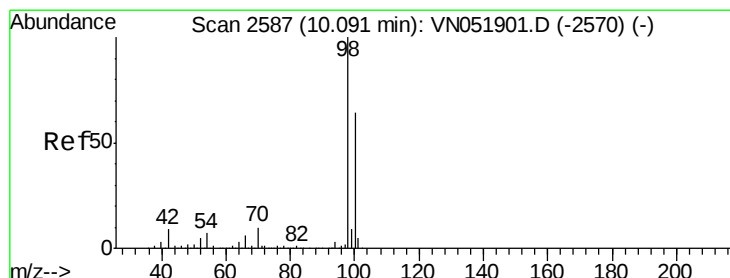
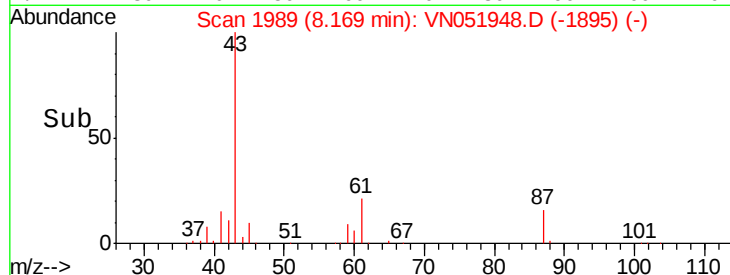
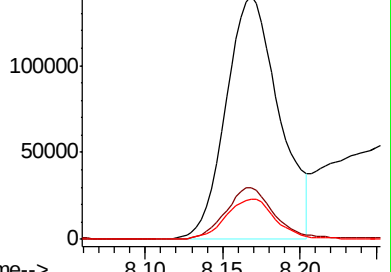
87 15.8 14.6 22.0



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: VN051948.D

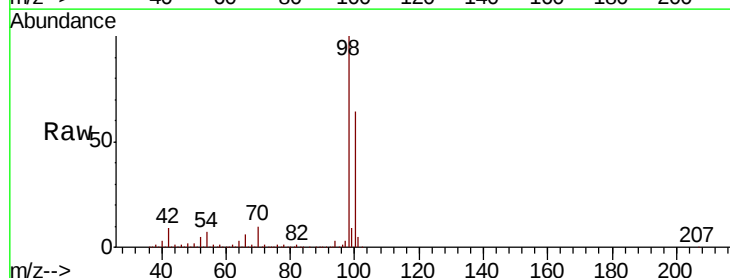
Acq: 19 Oct 2018 15:20

Tgt Ion: 98 Resp: 1941756

Ion Ratio Lower Upper

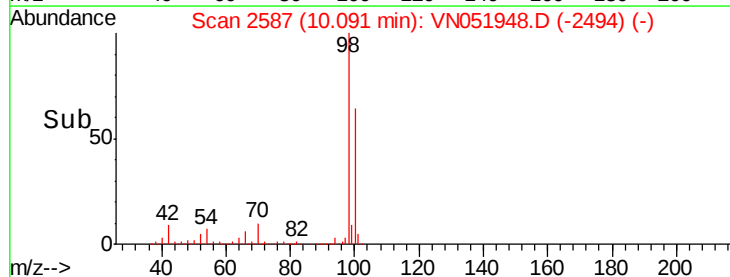
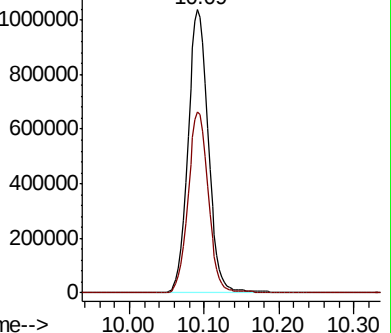
98 100

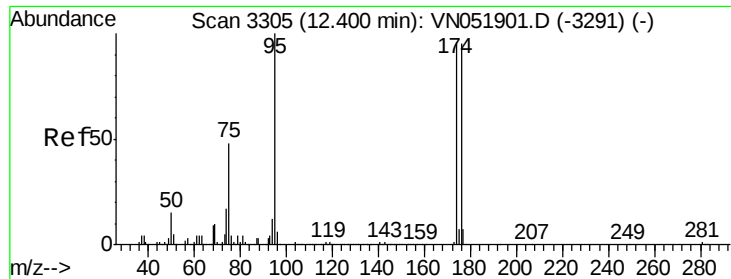
100 63.8 51.0 76.4



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: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051948.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#09

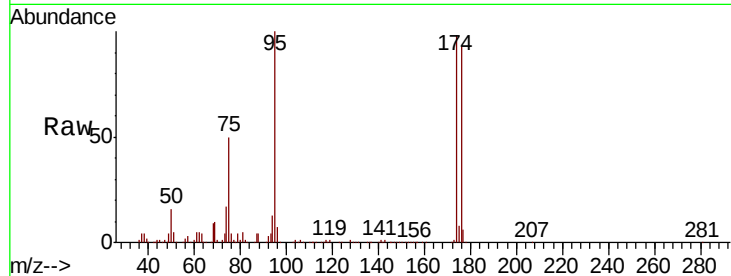
Tot Ion: 95 Resp: 544516

Ion Ratio Lower Upper

95 100

174 97.7 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) (-)

12.40

400000

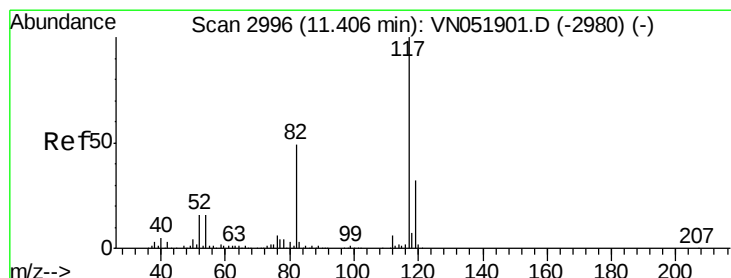
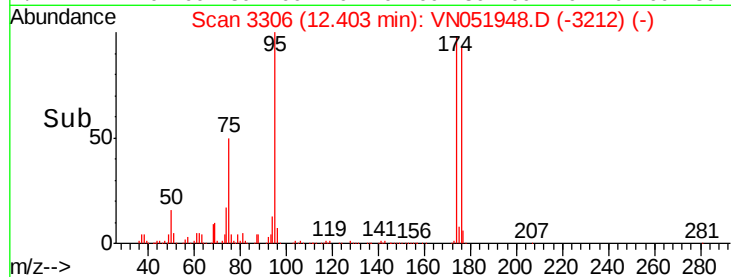
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051948.D

Acq: 19 Oct 2018 15:20

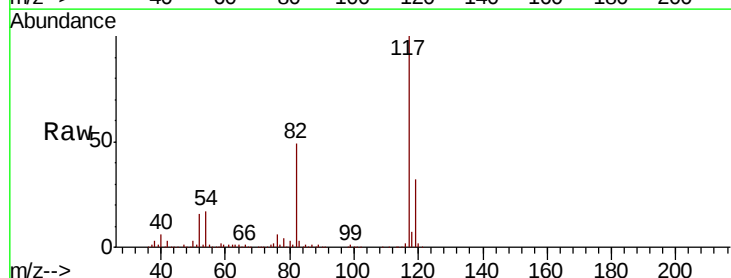
Tgt Ion: 117 Resp: 1242196

Ion Ratio Lower Upper

117 100

82 48.8 38.9 58.3

119 32.4 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) (-)

11.41

800000

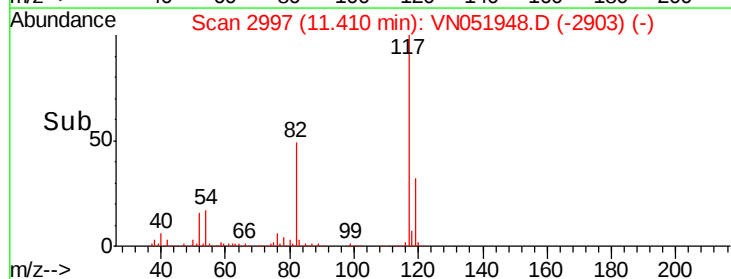
600000

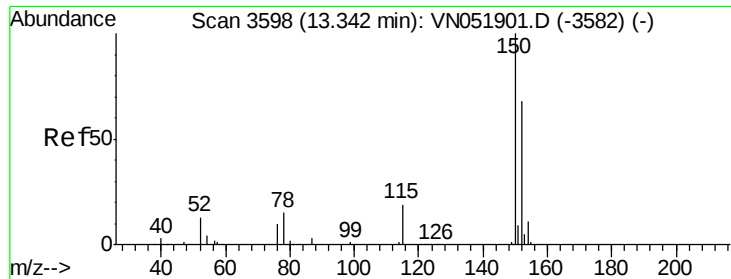
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051948.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113937ZHE#09

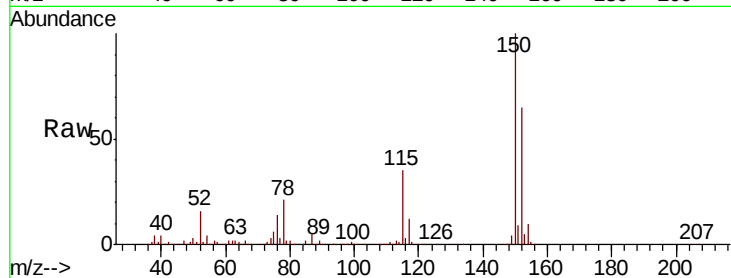
Tot Ion:152 Resp: 447189

Ion Ratio Lower Upper

152 100

115 54.1 26.7 80.1

150 156.6 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

