

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049913.D
 Acq On : 19 Jul 2018 13:50
 Operator : MD\SY
 Sample : PB111251TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251TB

Quant Time: Jul 20 01:49:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	601239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	985144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	416237	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	7.59	113	363690	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
50) Toluene-d8	10.09	98	1348086	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.40	95	379822	36.60	ug/l	0.00
Spiked Amount			Recovery	=	73.20%	

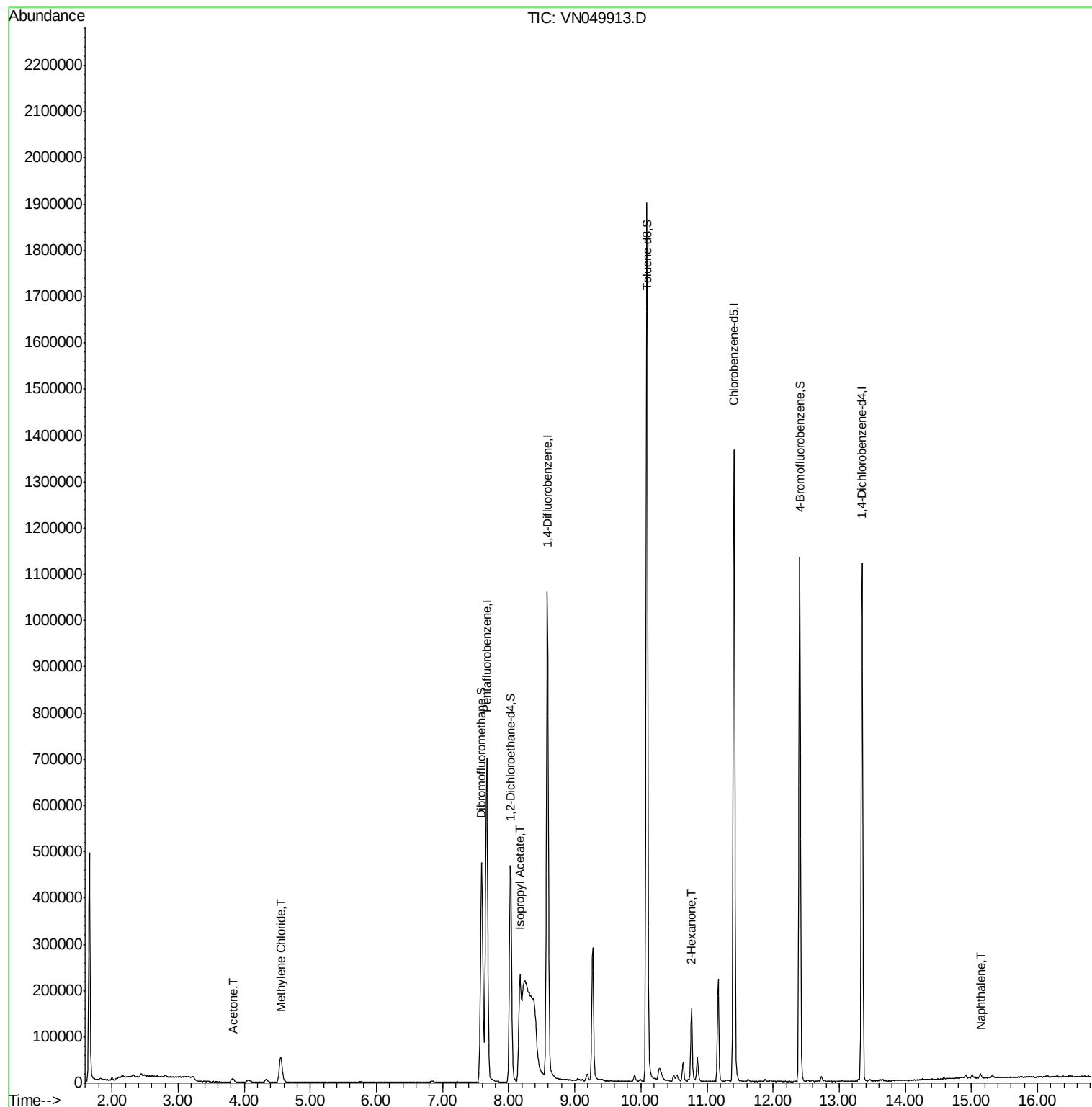
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16713	7.81	ug/l	96
20) Methylene Chloride	4.55	84	43976	5.40	ug/l	95
43) Isopropyl Acetate	8.17	43	313700	23.87	ug/l	94
59) 2-Hexanone	10.77	43	23510	4.76	ug/l #	56
95) Naphthalene	15.14	128	6091	4.86	ug/l	97

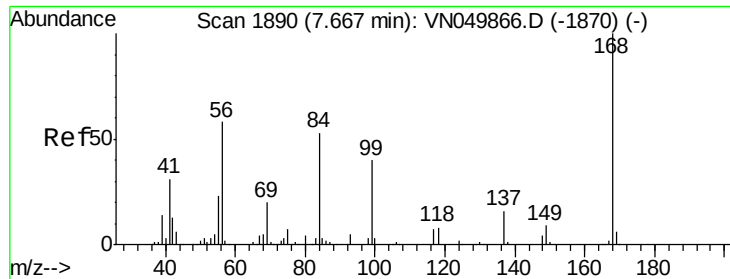
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 01:49:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049913.D

Acq: 19 Jul 2018 13:50

Instrument :

MSVOA_N

ClientSampled :

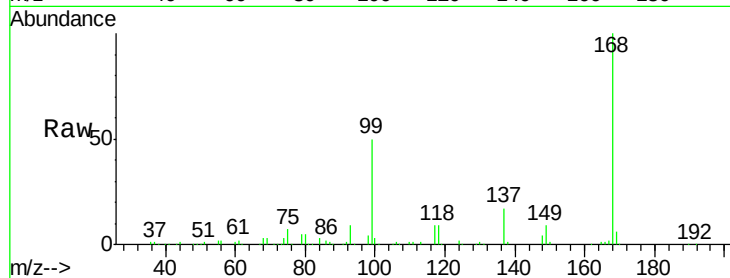
PB111251TB

Tot Ion:168 Resp: 601239

Ion Ratio Lower Upper

168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

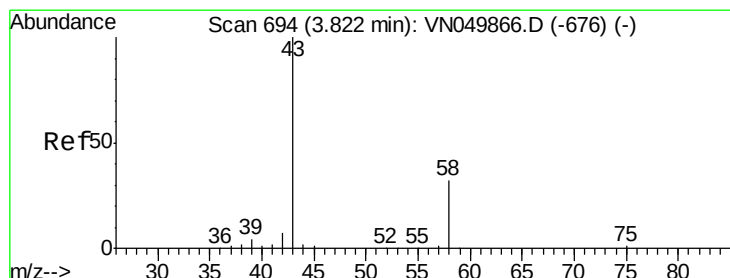
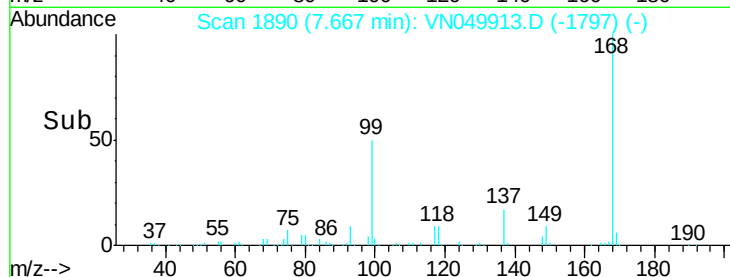
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.81 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049913.D

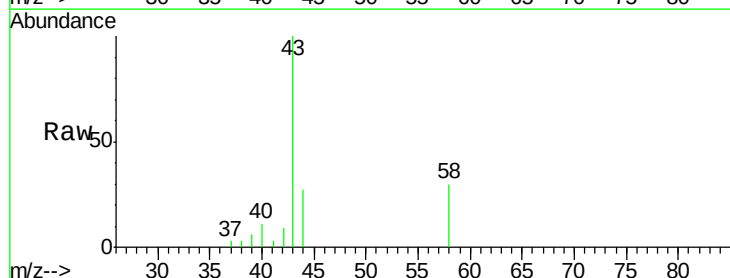
Acq: 19 Jul 2018 13:50

Tgt Ion: 43 Resp: 16713

Ion Ratio Lower Upper

43 100

58 30.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

5000

4000

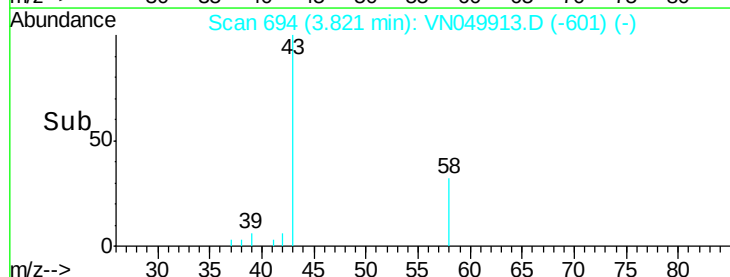
3000

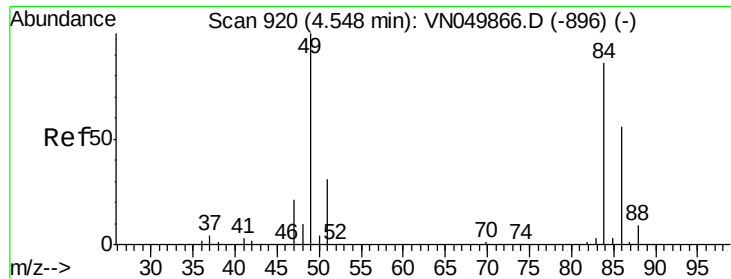
2000

1000

0

Time-->

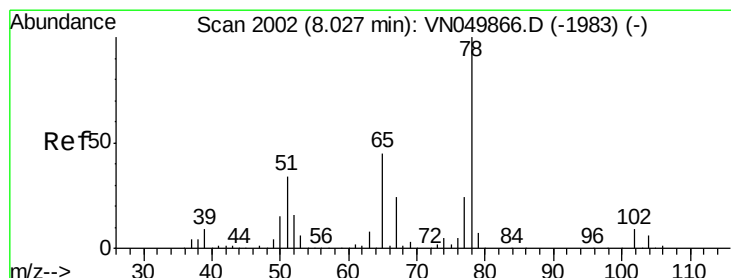
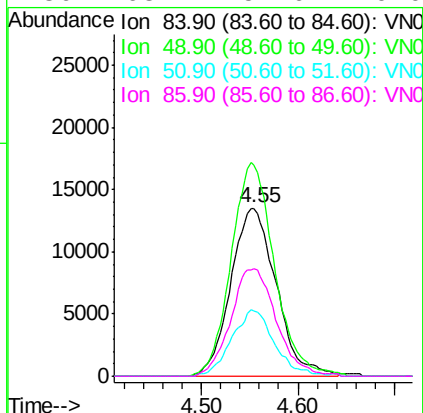
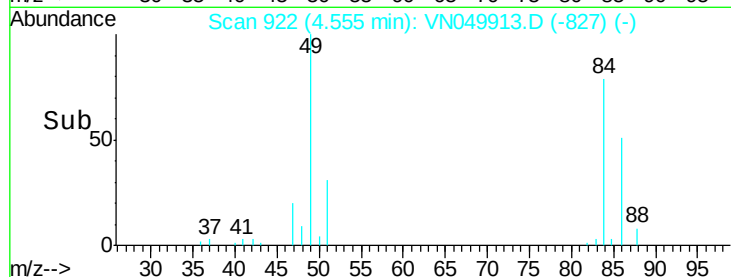
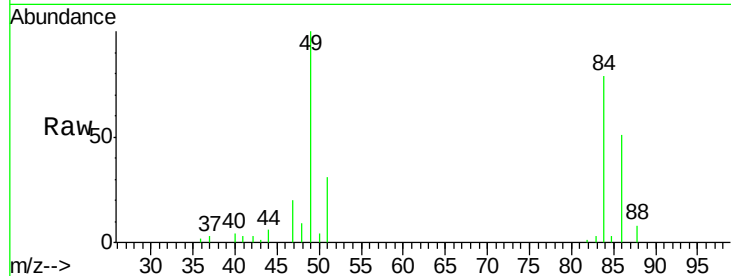




#20
Methylene Chloride
Concen: 5.40 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049913.D
Acq: 19 Jul 2018 13:50

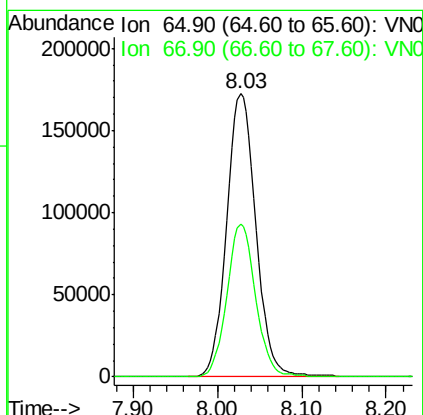
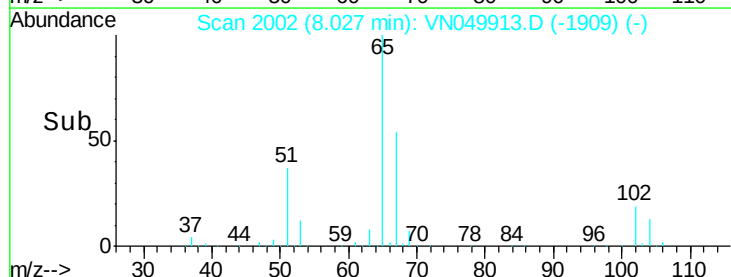
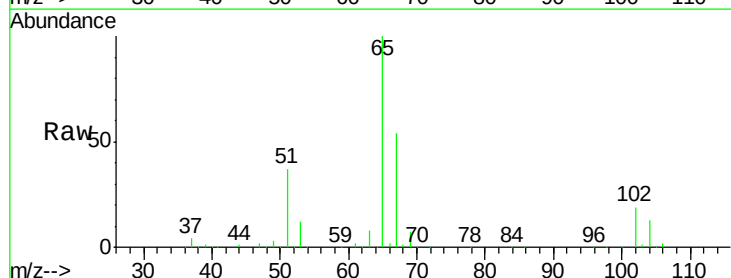
Instrument :
MSVOA_N
ClientSampled :
PB111251TB

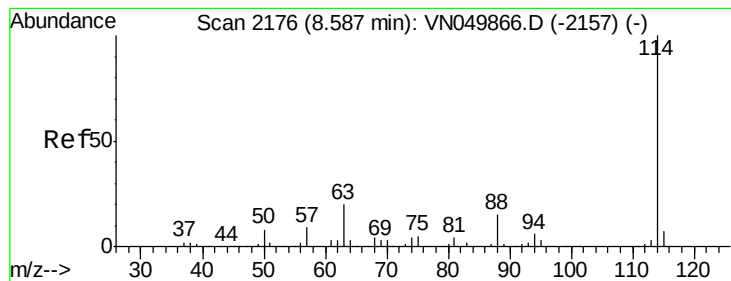
Tot Ion: 84 Resp: 43976
Ion Ratio Lower Upper
84 100
49 125.8 95.4 143.2
51 38.6 28.4 42.6
86 63.7 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 50.37 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN049913.D
Acq: 19 Jul 2018 13:50

Tgt Ion: 65 Resp: 416237
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049913.D

Acq: 19 Jul 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

PB111251TB

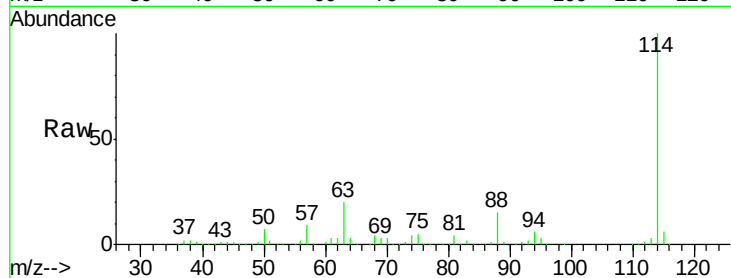
Tot Ion:114 Resp: 985144

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

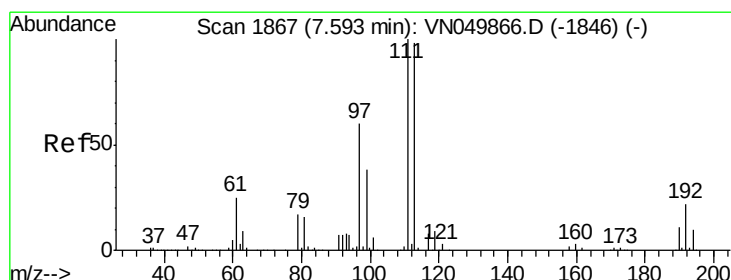
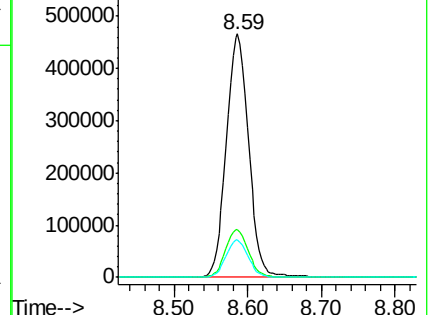
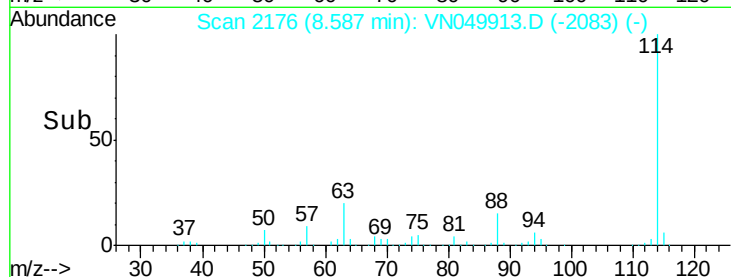
88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 43.98 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049913.D

Acq: 19 Jul 2018 13:50

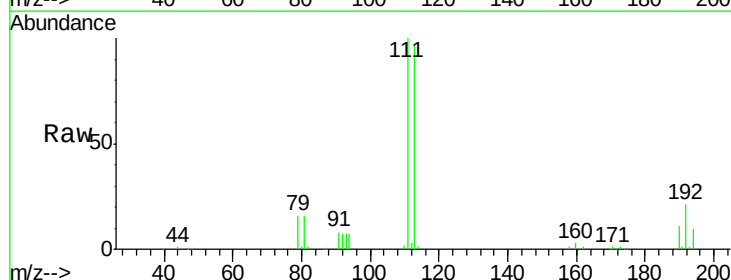
Tgt Ion:113 Resp: 363690

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

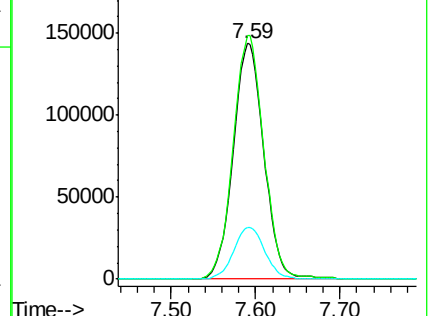
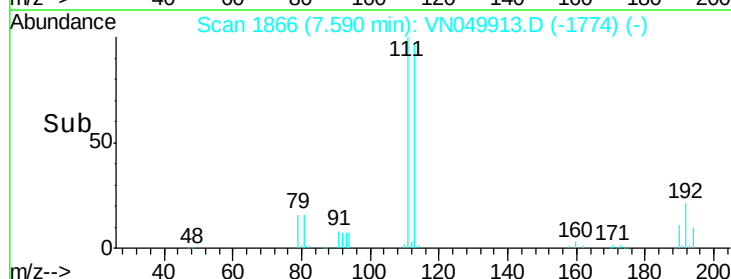
192 22.4 17.8 26.6

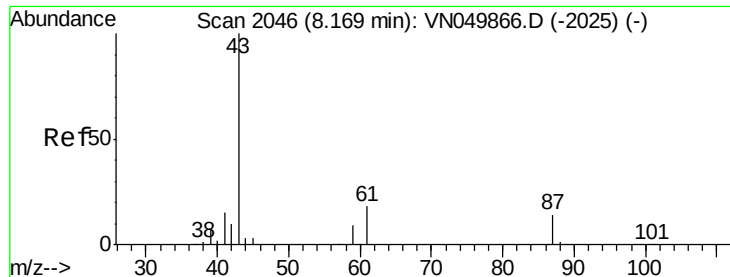


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 23.87 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049913.D

Acq: 19 Jul 2018 13:50

Instrument :

MSVOA_N

ClientSampled :

PB111251TB

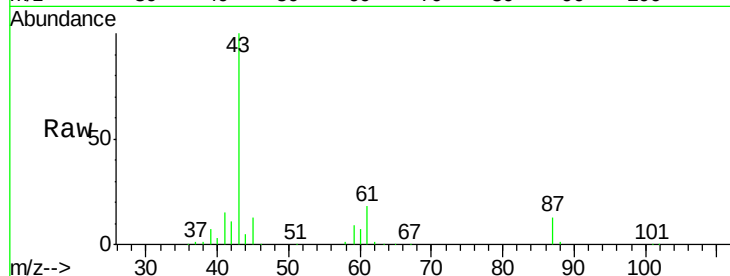
Tot Ion: 43 Resp: 313700

Ion Ratio Lower Upper

43 100

61 15.4 14.9 22.3

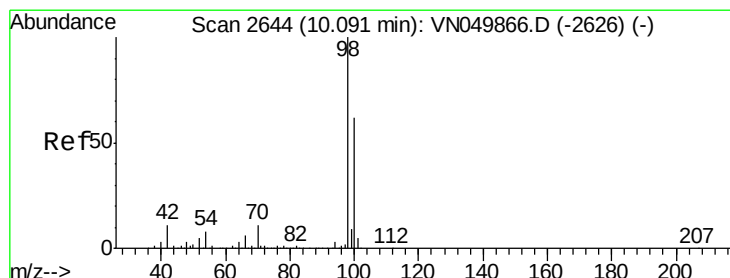
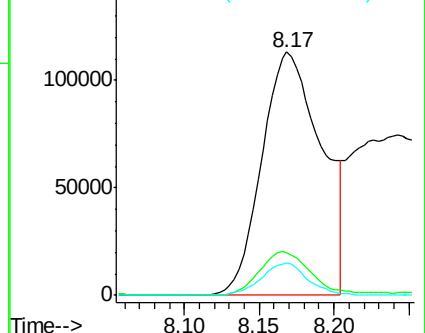
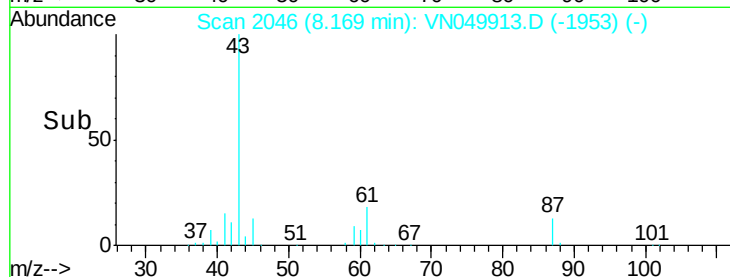
87 10.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049913.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049913.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049913.D (-1953) (-)



#50

Toluene-d8

Concen: 44.74 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049913.D

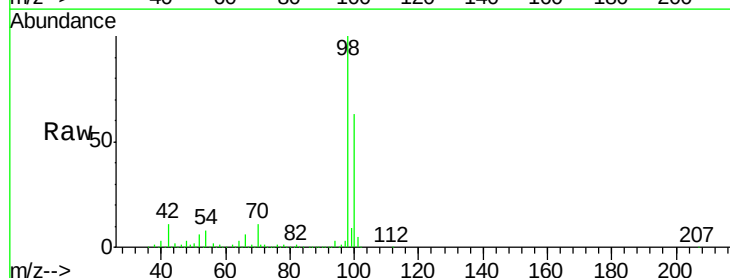
Acq: 19 Jul 2018 13:50

Tgt Ion: 98 Resp: 1348086

Ion Ratio Lower Upper

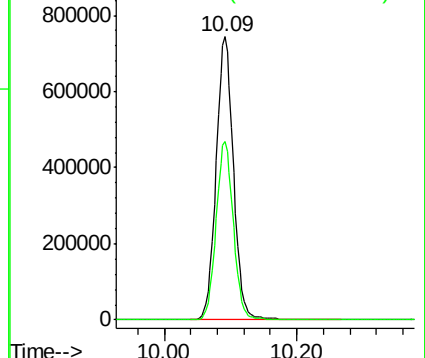
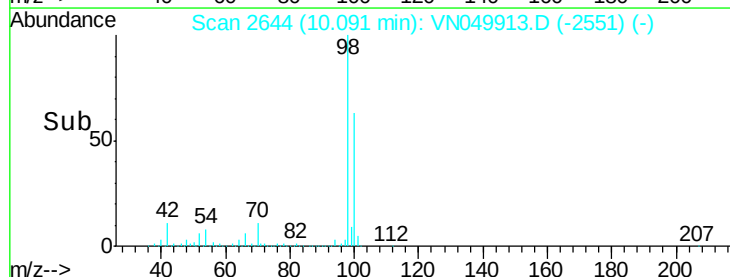
98 100

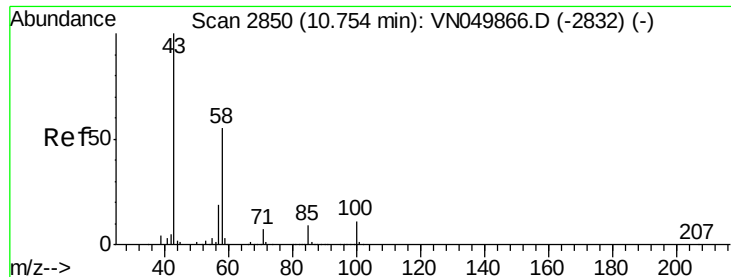
100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049913.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049913.D (-2551) (-)





#59

2-Hexanone

Concen: 4.76 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049913.D

Acq: 19 Jul 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

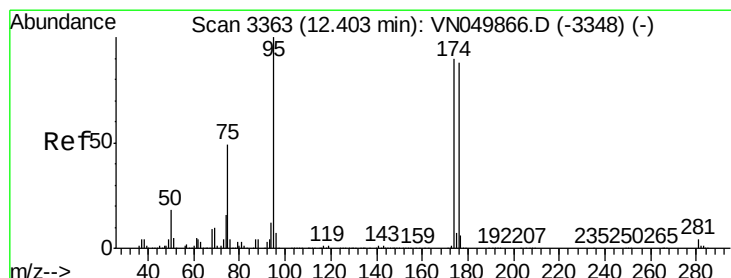
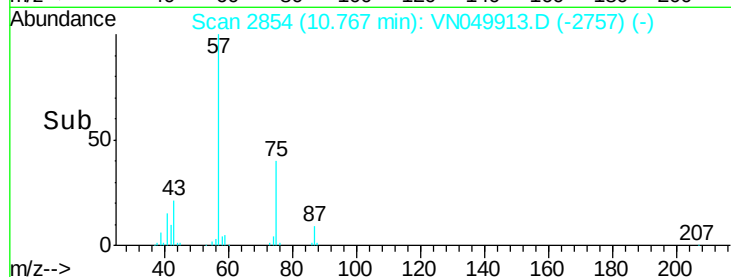
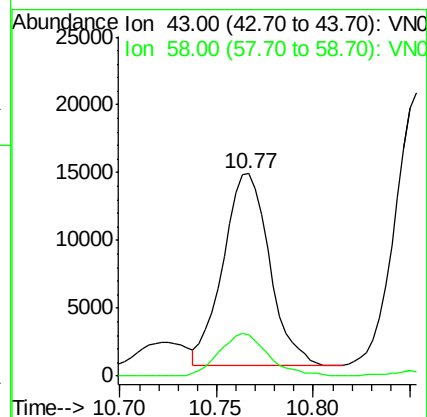
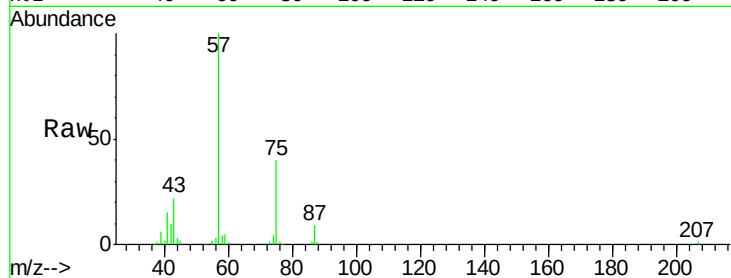
PB111251TB

Tot Ion: 43 Resp: 23510

Ion Ratio Lower Upper

43 100

58 23.7 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 36.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049913.D

Acq: 19 Jul 2018 13:50

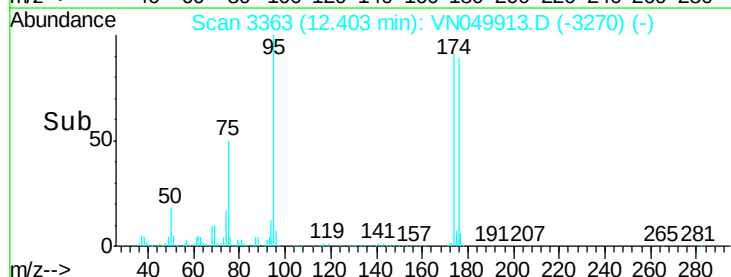
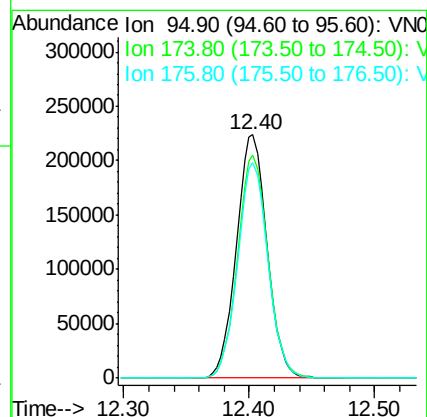
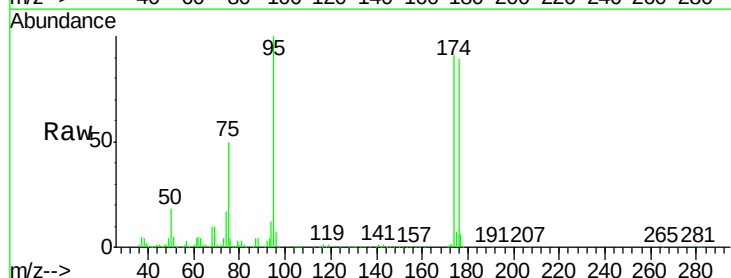
Tgt Ion: 95 Resp: 379822

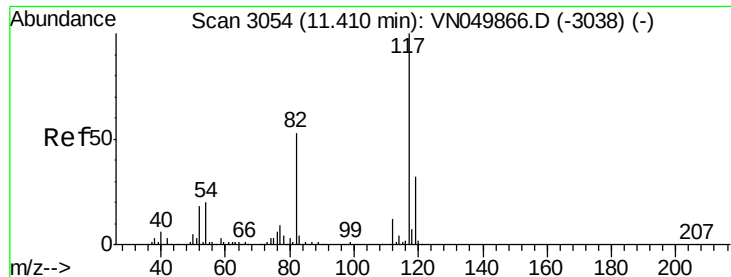
Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.6

176 87.5 0.0 174.0

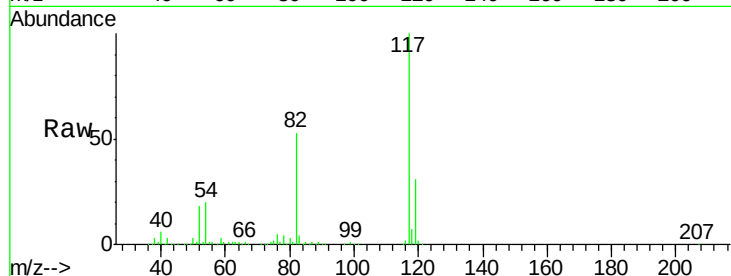




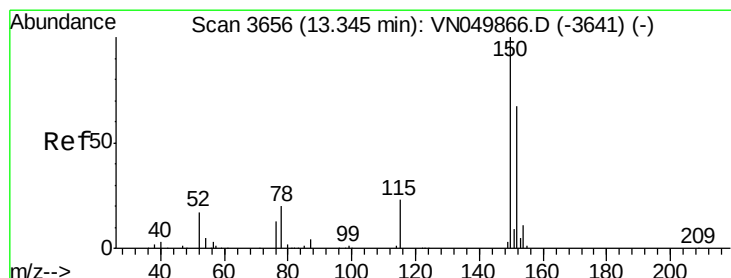
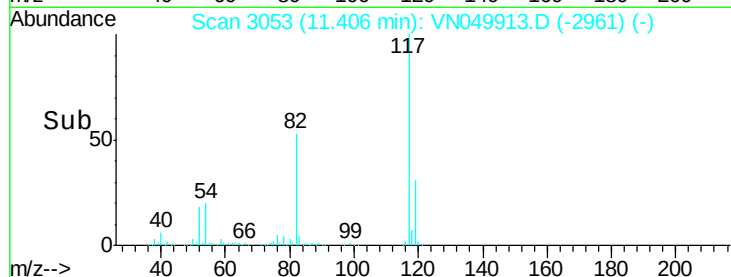
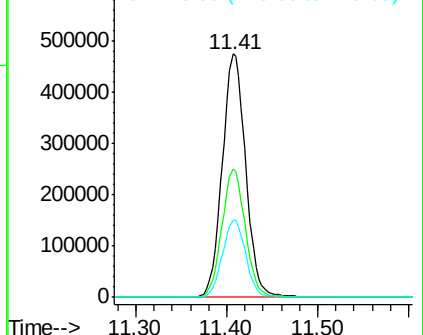
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049913.D
Acq: 19 Jul 2018 13:50

Instrument :
MSVOA_N
ClientSampled :
PB111251TB

Tot Ion:117 Resp: 848957
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 31.5 25.4 38.2

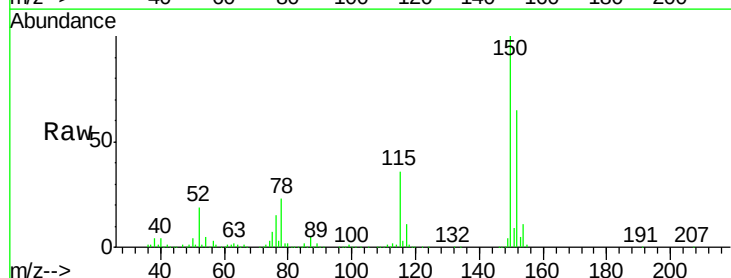


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

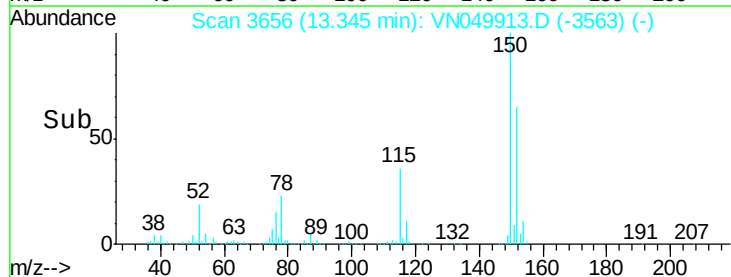
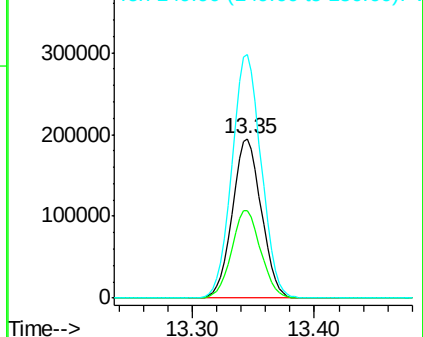


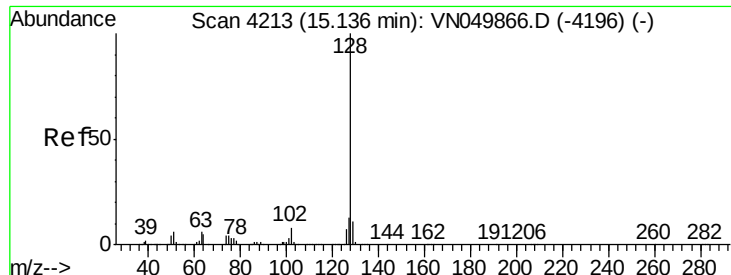
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049913.D
Acq: 19 Jul 2018 13:50

Tgt Ion:152 Resp: 321063
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.2
150 155.0 0.0 347.6



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

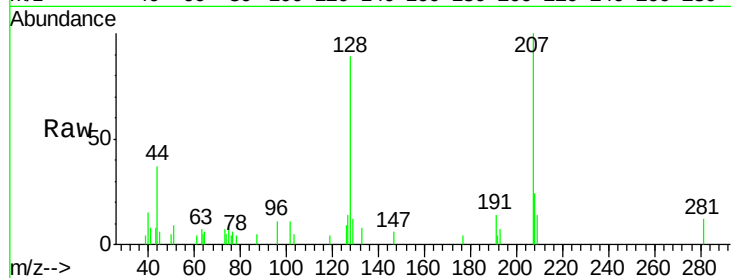




#95
Naphthalene
Concen: 4.86 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049913.D
Acq: 19 Jul 2018 13:50

Instrument :
MSVOA_N
ClientSampleId :
PB111251TB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	11.9	8.6	13.0



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

