

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051144.D
 Acq On : 12 Sep 2018 11:41
 Operator : MD\SY
 Sample : PB112767TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767TB

Quant Time: Sep 13 08:05:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	604994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	950694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280249	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	370085	54.97	ug/l	0.00
Spiked Amount						
			Recovery	=	109.94%	
35) Dibromofluoromethane	7.59	113	362659	50.77	ug/l	0.00
Spiked Amount						
			Recovery	=	101.54%	
50) Toluene-d8	10.09	98	1319261	48.67	ug/l	0.00
Spiked Amount						
			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	361073	40.27	ug/l	0.00
Spiked Amount						
			Recovery	=	80.54%	

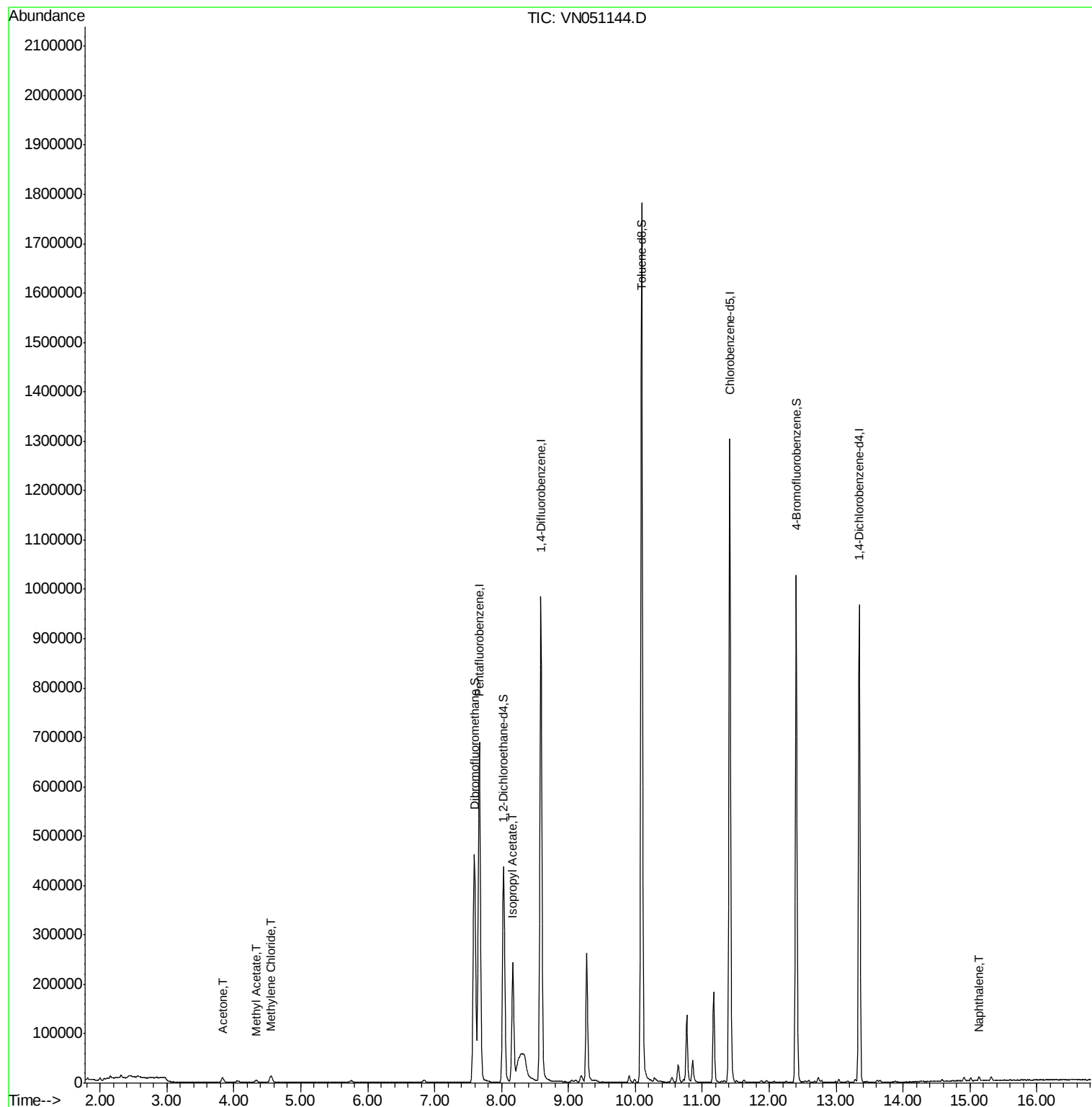
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16709	4.30	ug/l	98
18) Methyl Acetate	4.34	43	8474	1.57	ug/l #	89
20) Methylene Chloride	4.56	84	10806	1.45	ug/l	95
43) Isopropyl Acetate	8.17	43	275870	25.86	ug/l #	89
95) Naphthalene	15.13	128	7738	6.00	ug/l #	91

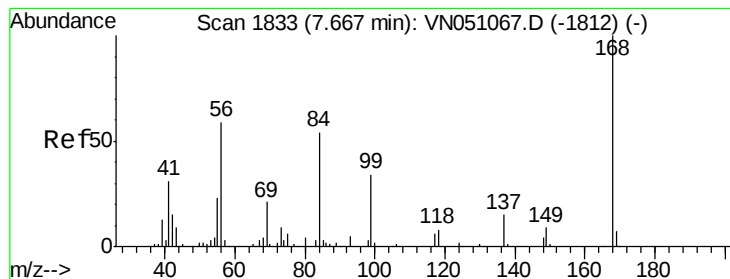
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
Data File : VN051144.D
Acq On : 12 Sep 2018 11:41
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Sample : PB112767TB
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 13 08:05:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

Instrument :

MSVOA_N

ClientSampleId :

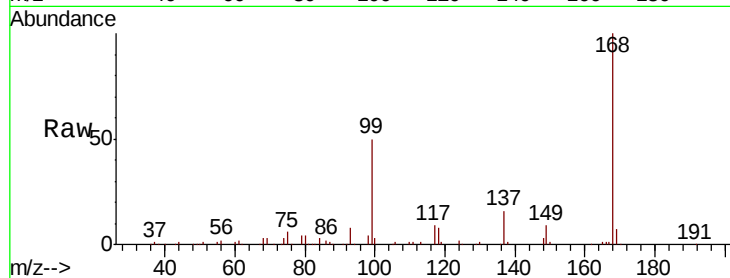
PB112767TB

Tot Ion:168 Resp: 604994

Ion Ratio Lower Upper

168 100

99 50.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

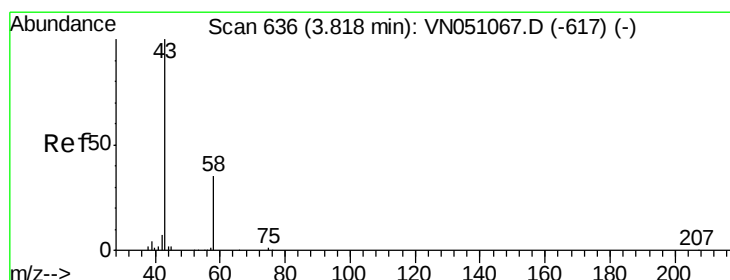
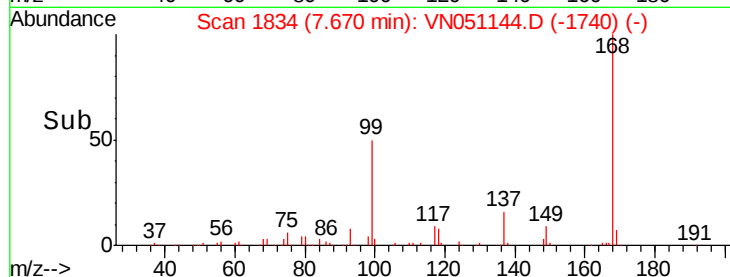
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.30 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051144.D

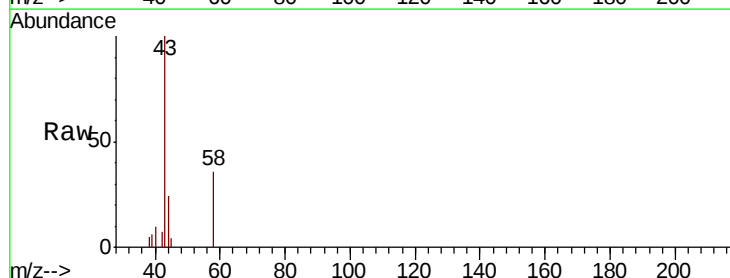
Acq: 12 Sep 2018 11:41

Tgt Ion: 43 Resp: 16709

Ion Ratio Lower Upper

43 100

58 35.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

6000

5000

4000

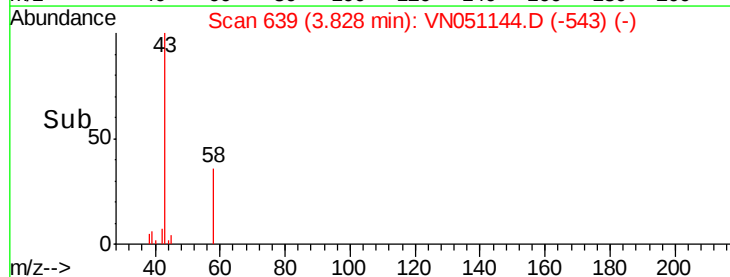
3000

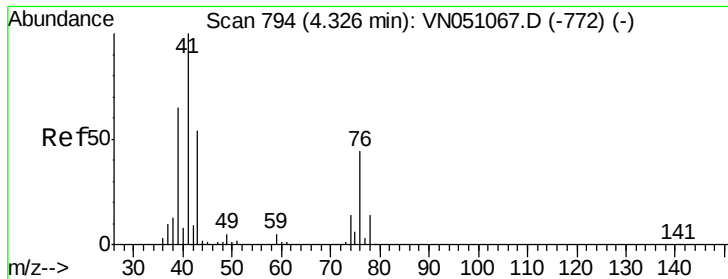
2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.57 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

Instrument :

MSVOA_N

ClientSampleId :

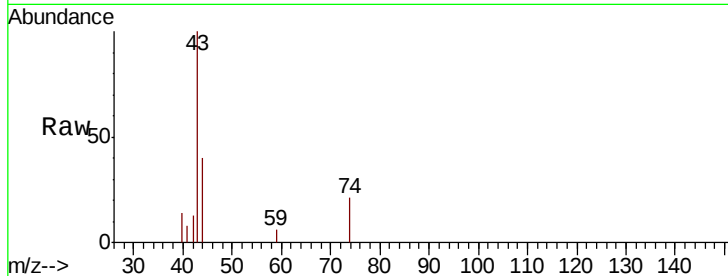
PB112767TB

Tot Ion: 43 Resp: 8474

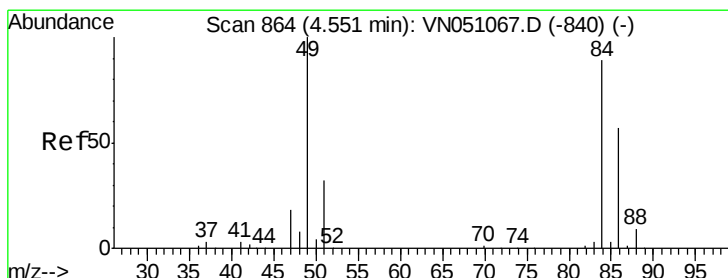
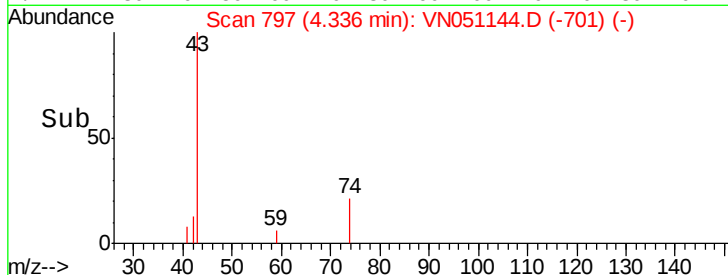
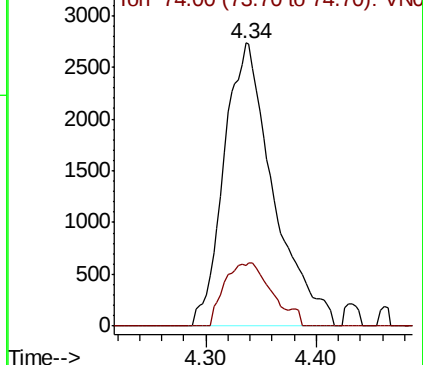
Ion Ratio Lower Upper

43 100

74 20.5 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051144.D (-771) (-)



#20

Methylene Chloride

Concen: 1.45 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

Tgt Ion: 84 Resp: 10806

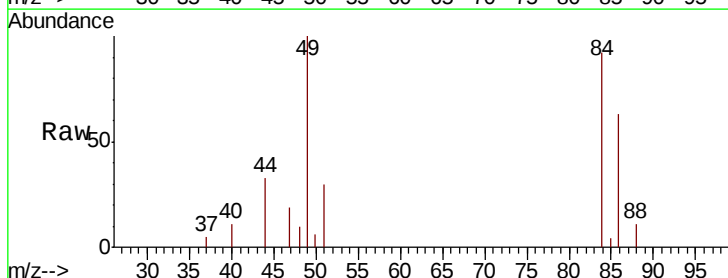
Ion Ratio Lower Upper

84 100

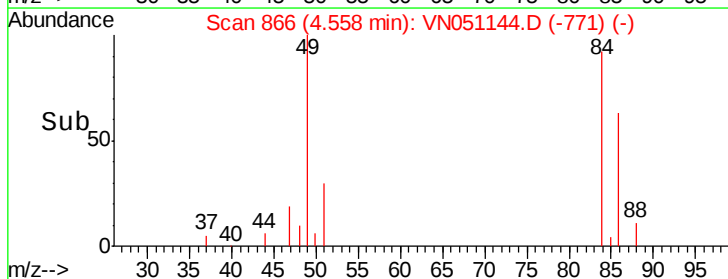
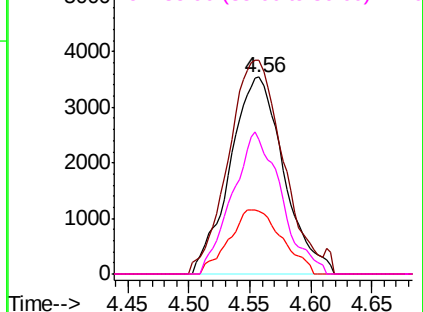
49 108.4 90.2 135.2

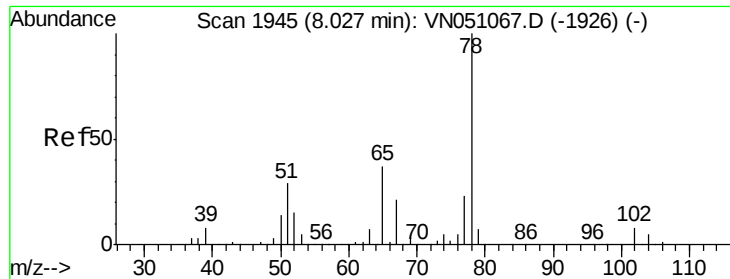
51 32.1 28.4 42.6

86 68.5 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VN051144.D (-771) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.97 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

Instrument :

MSVOA_N

ClientSampleId :

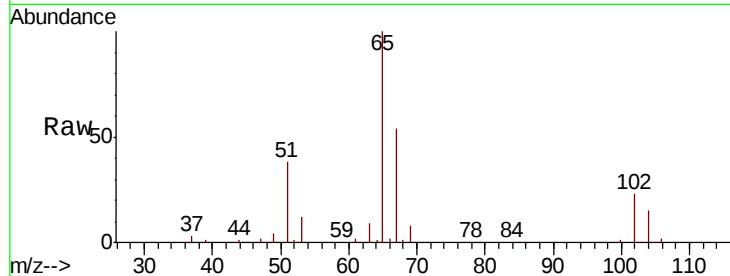
PB112767TB

Tot Ion: 65 Resp: 370085

Ion Ratio Lower Upper

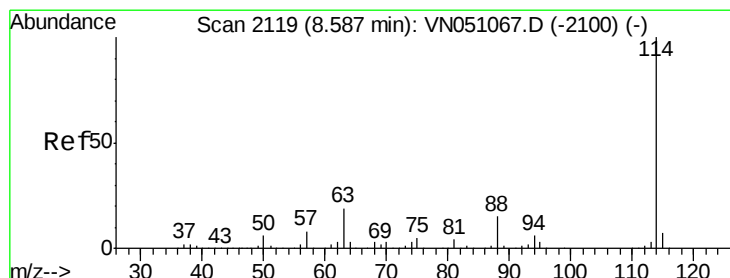
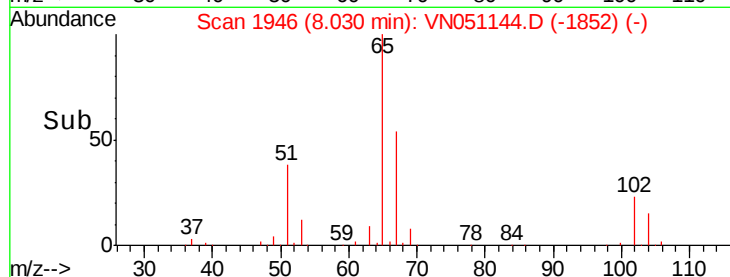
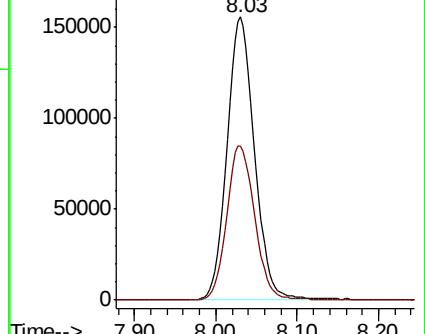
65 100

67 55.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

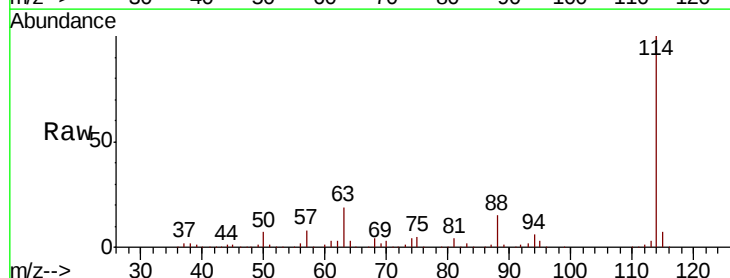
Tgt Ion: 114 Resp: 950694

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

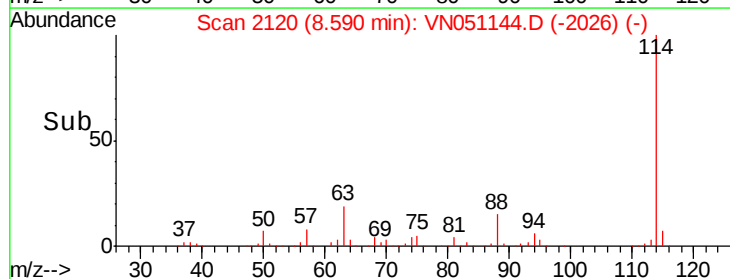
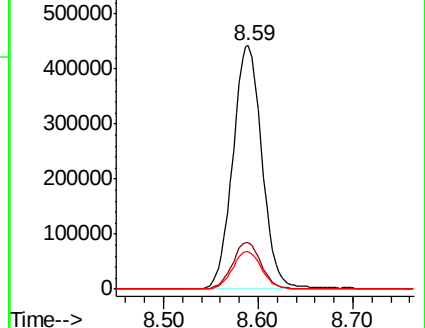
88 15.3 0.0 30.8

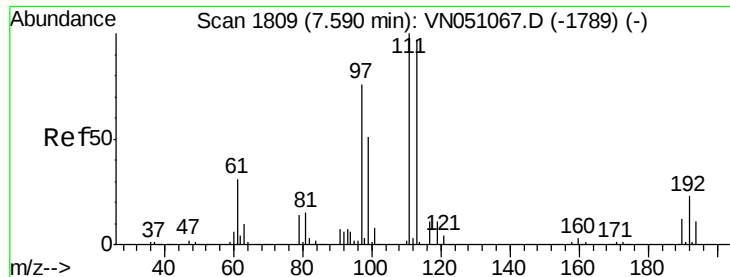


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

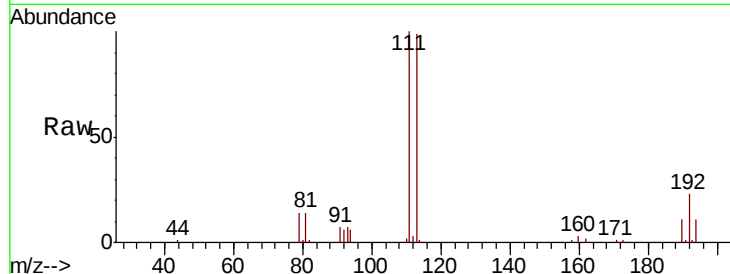




#35
Dibromofluoromethane
Concen: 50.77 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051144.D
Acq: 12 Sep 2018 11:41

Instrument :
MSVOA_N
ClientSampleId :
PB112767TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.6
192	23.3	18.7	28.1

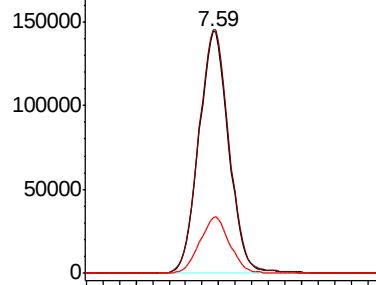


Abundance

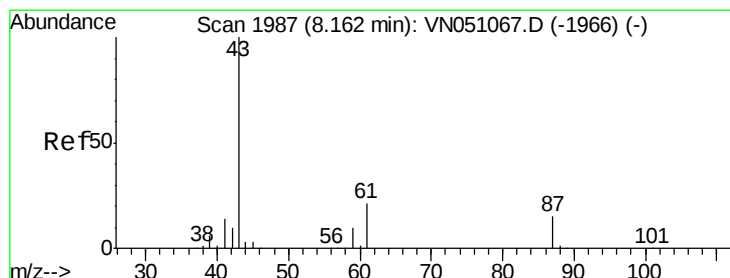
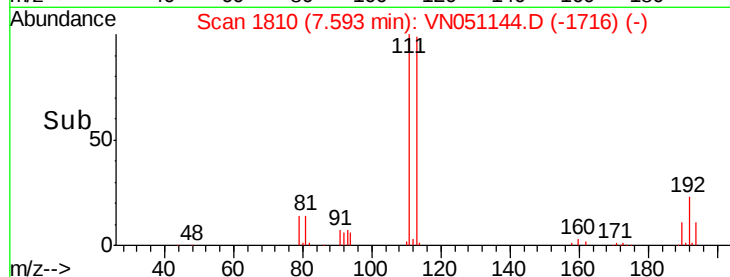
Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

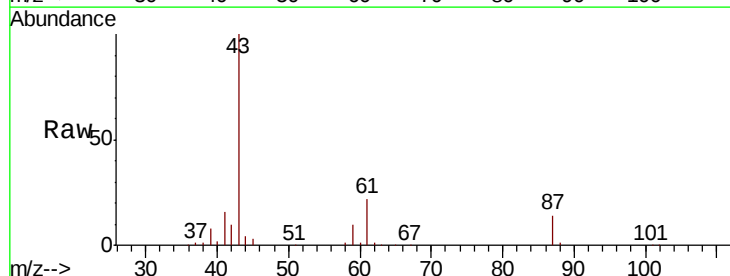


Time-->



#43
Isopropyl Acetate
Concen: 25.86 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051144.D
Acq: 12 Sep 2018 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.4	25.0	37.6#
87	14.7	11.8	17.8

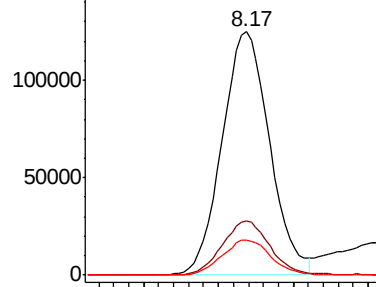


Abundance

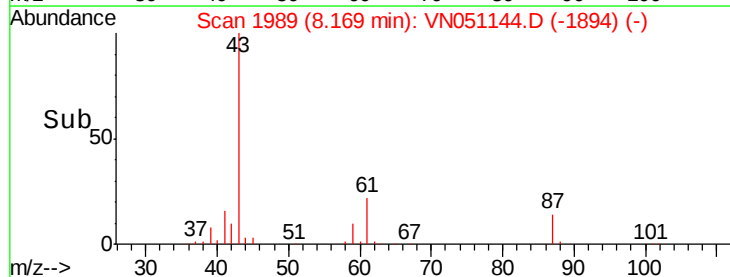
Ion 43.00 (42.70 to 43.70): VNO

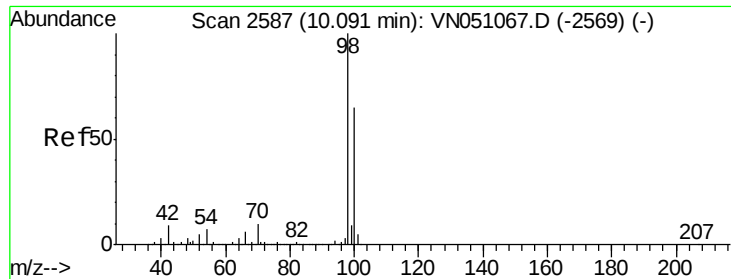
Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



Time-->





#50

Toluene-d8

Concen: 48.67 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

Instrument :

MSVOA_N

ClientSampleId :

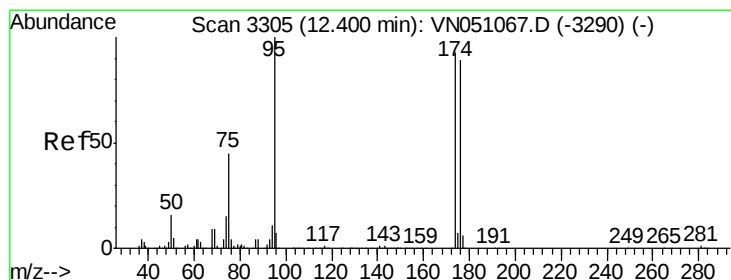
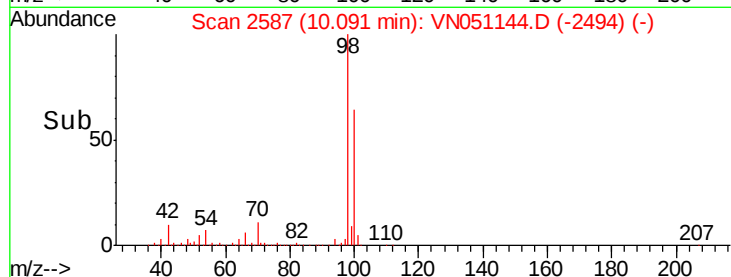
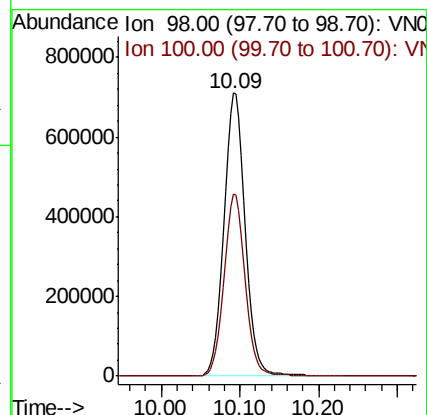
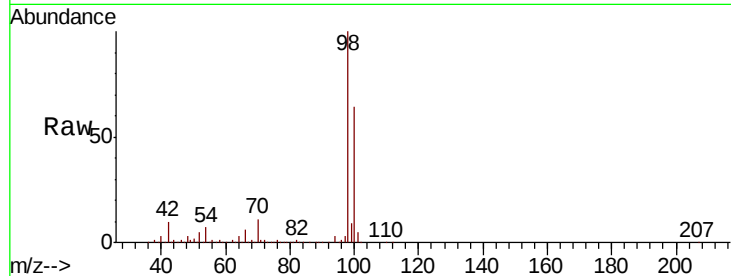
PB112767TB

Tot Ion: 98 Resp: 1319261

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.27 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

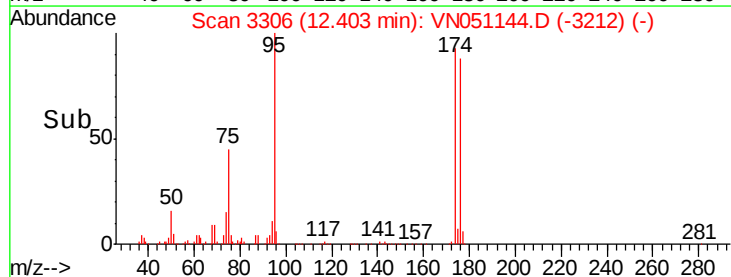
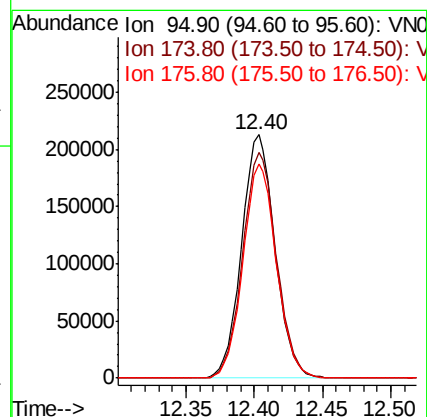
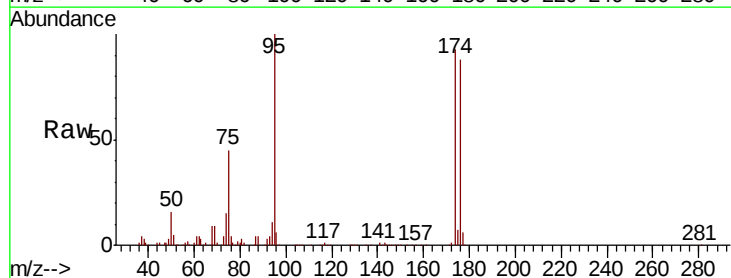
Tgt Ion: 95 Resp: 361073

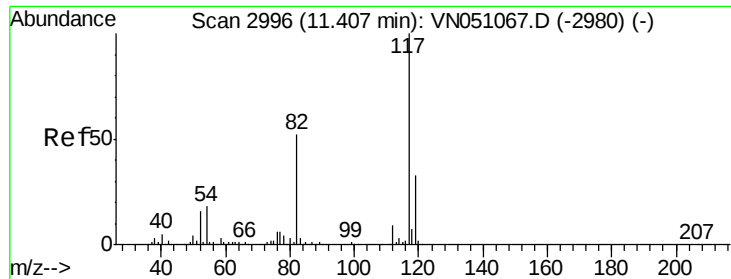
Ion Ratio Lower Upper

95 100

174 94.0 0.0 184.8

176 88.2 0.0 178.6

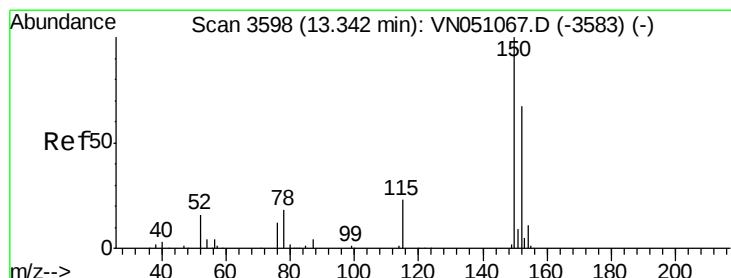
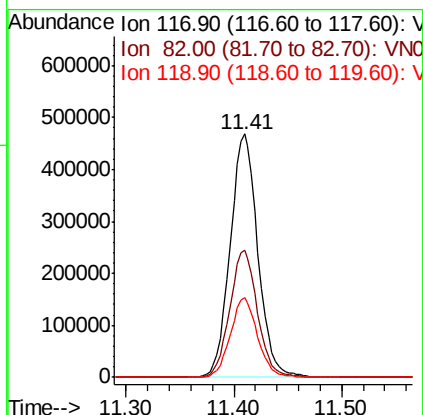
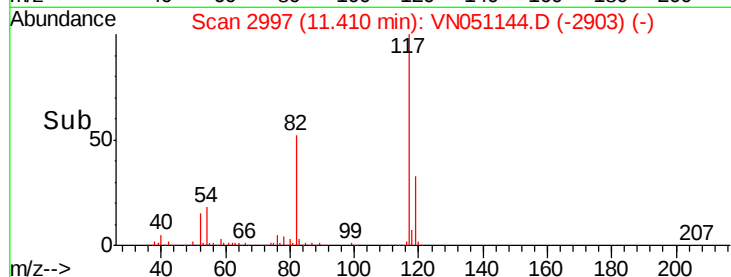
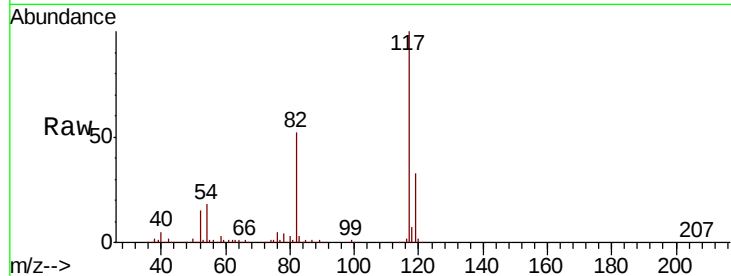




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051144.D
Acq: 12 Sep 2018 11:41

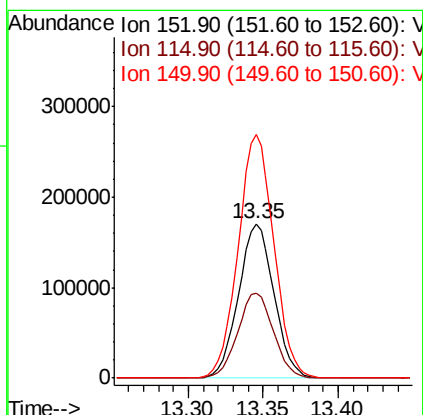
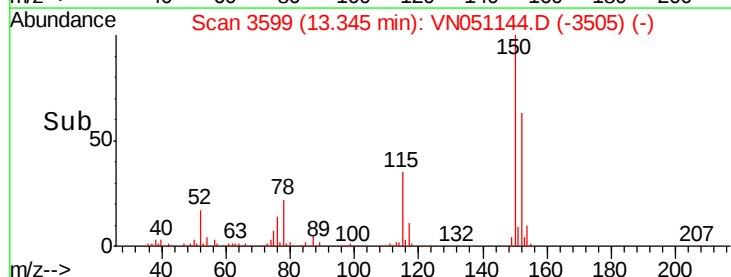
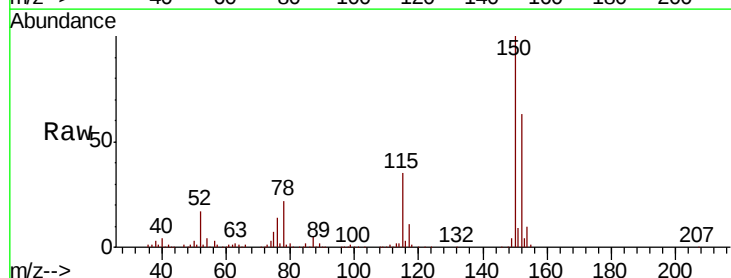
Instrument :
MSVOA_N
ClientSampleId :
PB112767TB

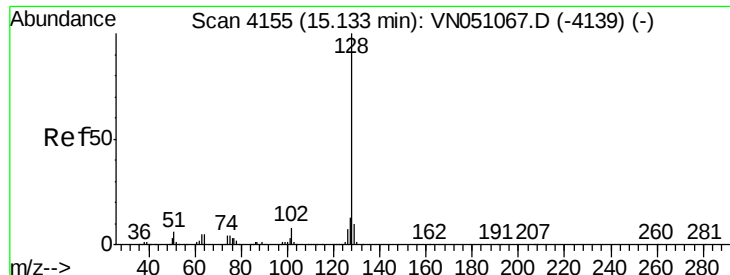
Tot Ion:117 Resp: 836762
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051144.D
Acq: 12 Sep 2018 11:41

Tgt Ion:152 Resp: 280249
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 159.4 0.0 349.0





#95

Naphthalene

Concen: 6.00 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051144.D

Acq: 12 Sep 2018 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB112767TB

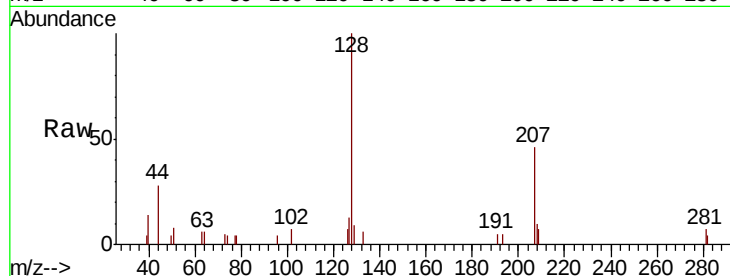
Tot Ion:128 Resp: 7738

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 3.5 8.6 12.8#



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

