

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051145.D
 Acq On : 12 Sep 2018 12:06
 Operator : MD\SY
 Sample : PB112767ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#01

Quant Time: Sep 13 08:10:14 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	595822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	966130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	833555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284373	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	369561	55.74	ug/l	0.00
Spiked Amount			Recovery	=	111.48%	
35) Dibromofluoromethane	7.59	113	353953	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1304620	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.40	95	364553	40.01	ug/l	0.00
Spiked Amount			Recovery	=	80.02%	

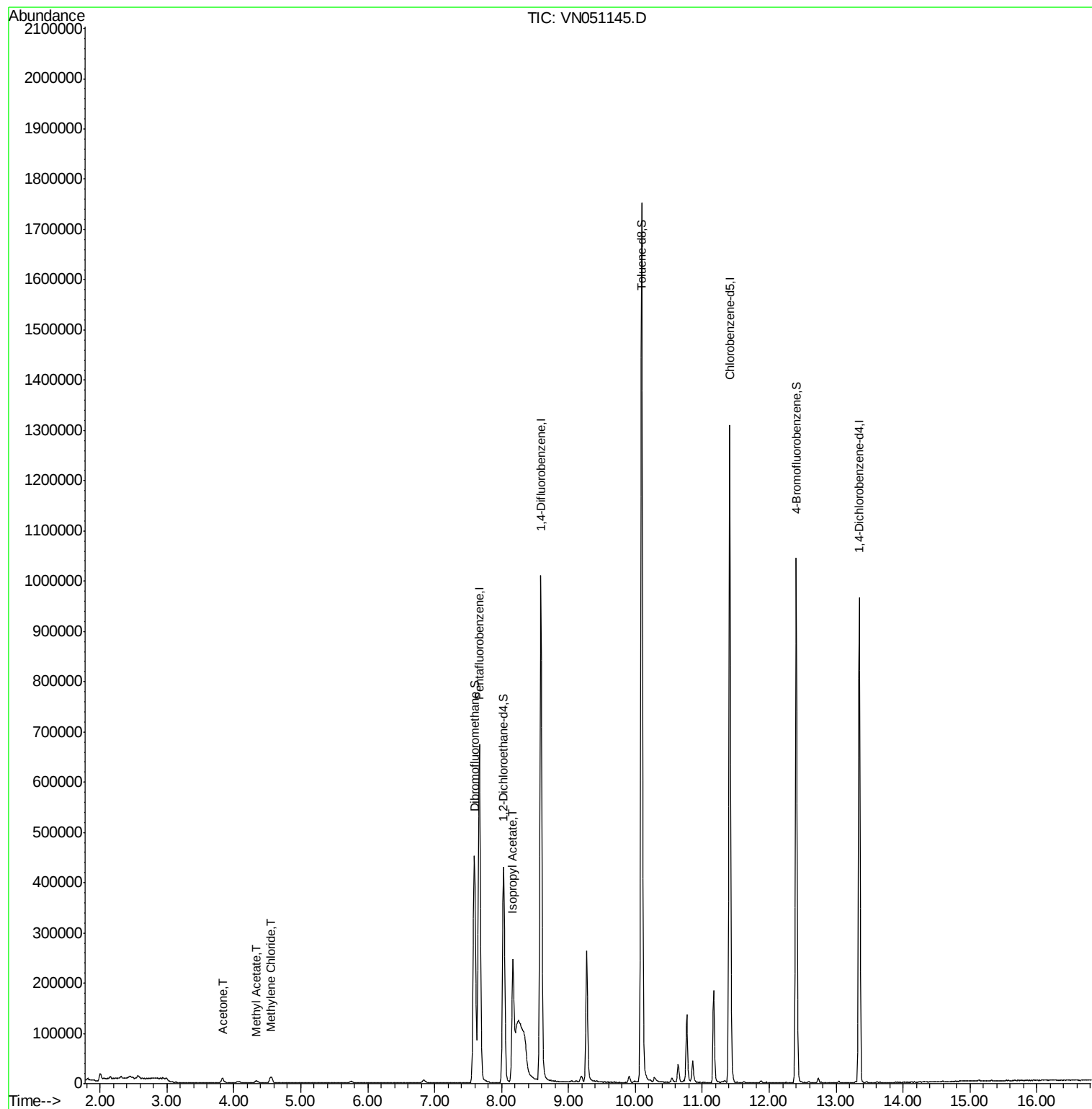
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15760	3.87	ug/l	99
18) Methyl Acetate	4.34	43	8954	1.69	ug/l #	79
20) Methylene Chloride	4.55	84	10299	1.41	ug/l	93
43) Isopropyl Acetate	8.17	43	307584	28.38	ug/l #	85

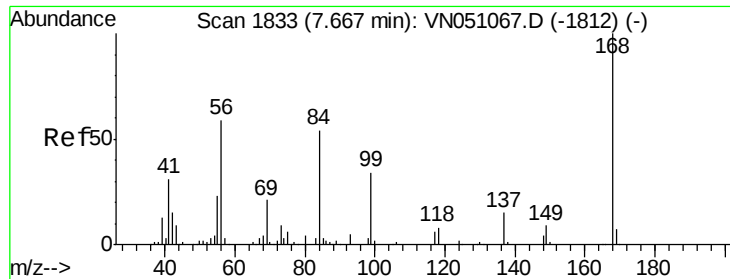
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1833

Delta R.T. -0.00 min

Lab File: VN051145.D

Acq: 12 Sep 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

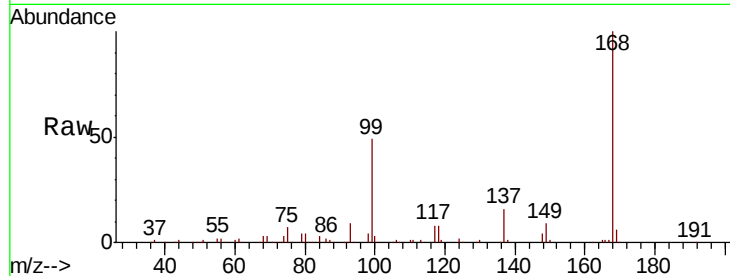
PB112767ZHE#01

Tot Ion:168 Resp: 595822

Ion Ratio Lower Upper

168 100

99 49.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

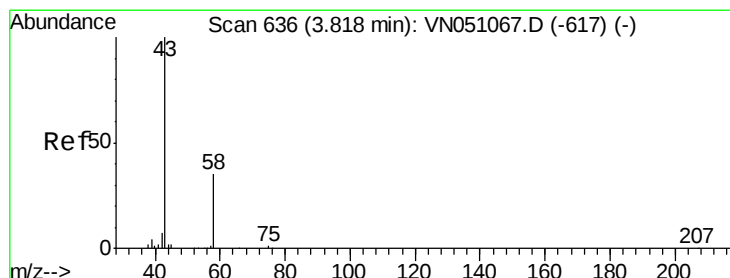
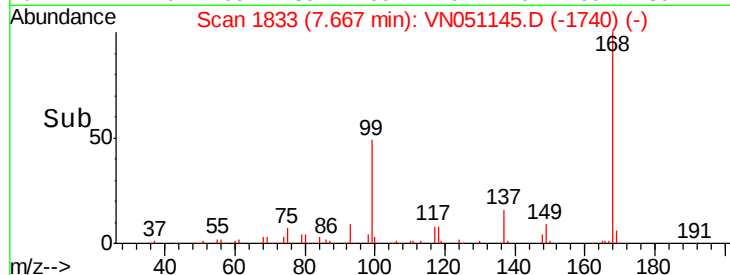
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.87 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN051145.D

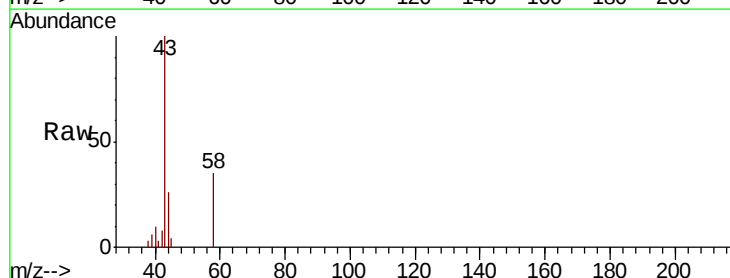
Acq: 12 Sep 2018 12:06

Tgt Ion: 43 Resp: 15760

Ion Ratio Lower Upper

43 100

58 35.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

6000

5000

4000

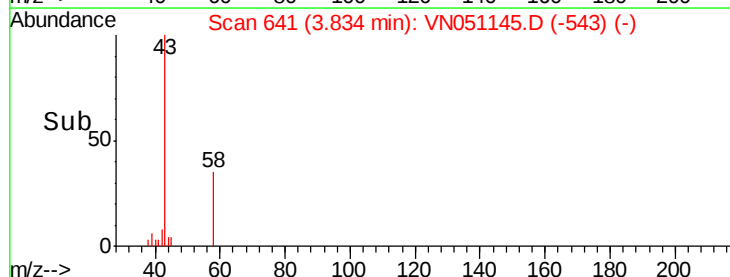
3000

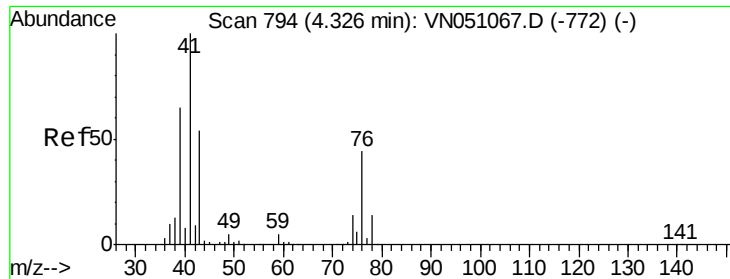
2000

1000

0

Time-->

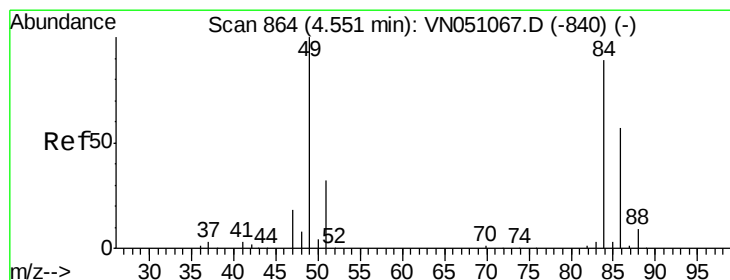
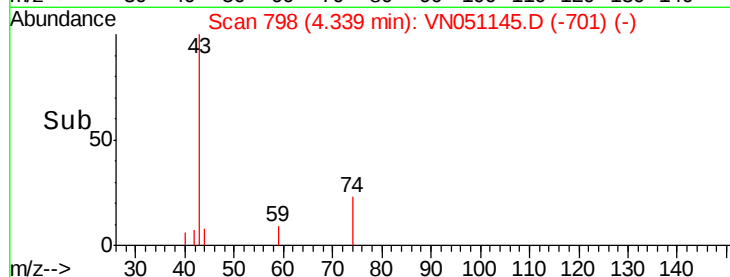
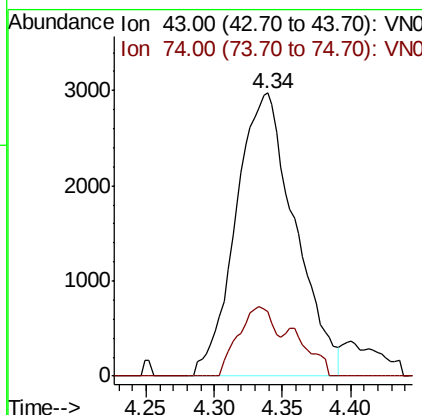
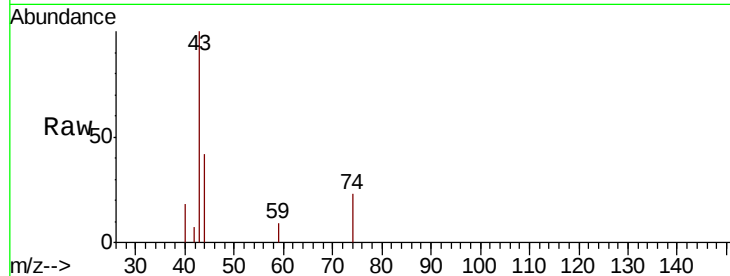




#18
Methyl Acetate
Concen: 1.69 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051145.D
Acq: 12 Sep 2018 12:06

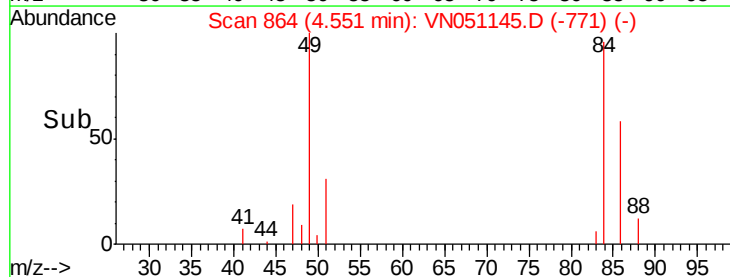
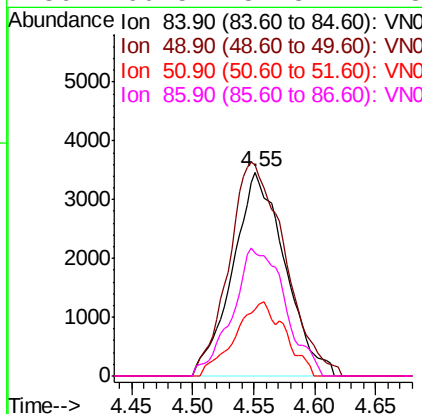
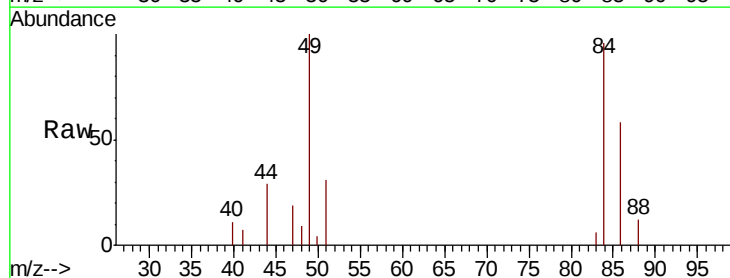
Instrument :
MSVOA_N
ClientSampleId :
PB112767ZHE#01

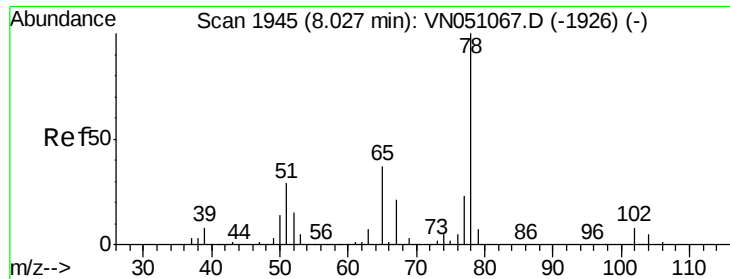
Tot Ion: 43 Resp: 8954
Ion Ratio Lower Upper
43 100
74 15.3 20.7 31.1#



#20
Methylene Chloride
Concen: 1.41 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051145.D
Acq: 12 Sep 2018 12:06

Tgt Ion: 84 Resp: 10299
Ion Ratio Lower Upper
84 100
49 103.7 90.2 135.2
51 32.6 28.4 42.6
86 60.5 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 55.74 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051145.D

Acq: 12 Sep 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

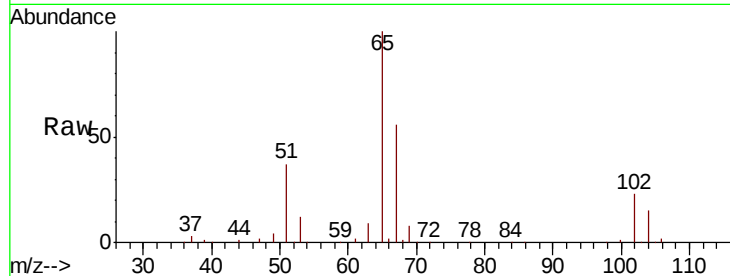
PB112767ZHE#01

Tot Ion: 65 Resp: 369561

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051067.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051067.D (-1926) (-)

8.03

150000

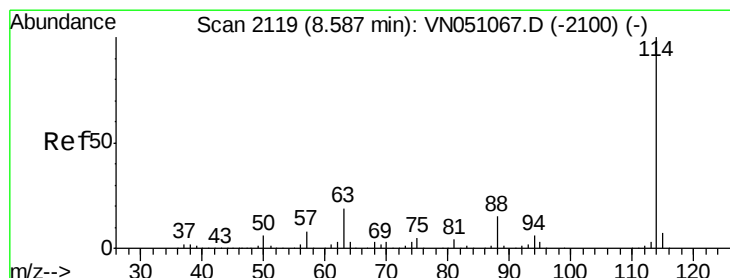
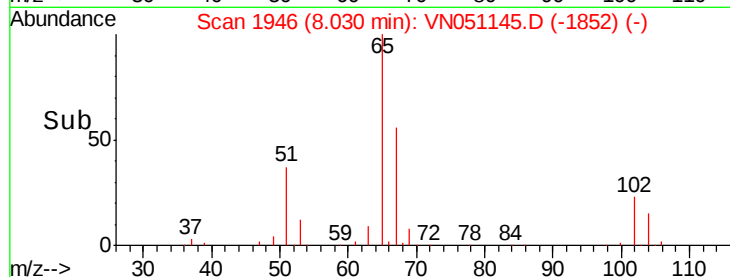
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051145.D

Acq: 12 Sep 2018 12:06

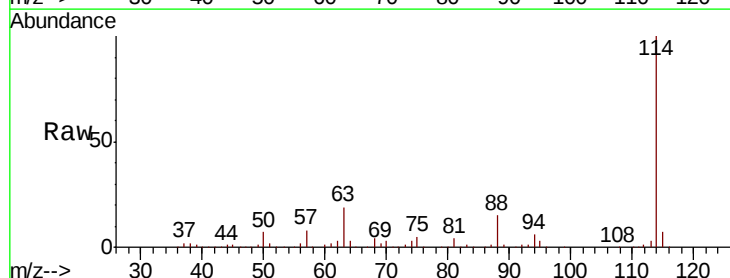
Tgt Ion: 114 Resp: 966130

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): VN051067.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051067.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051067.D (-2100) (-)

8.59

600000

500000

400000

300000

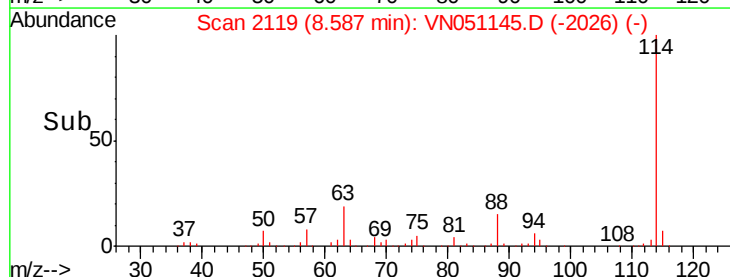
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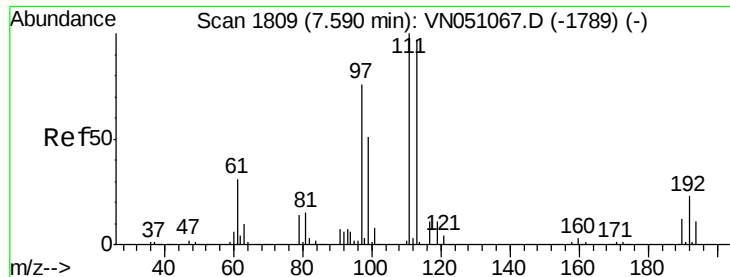
100000

0

Time-->

8.50 8.60 8.70

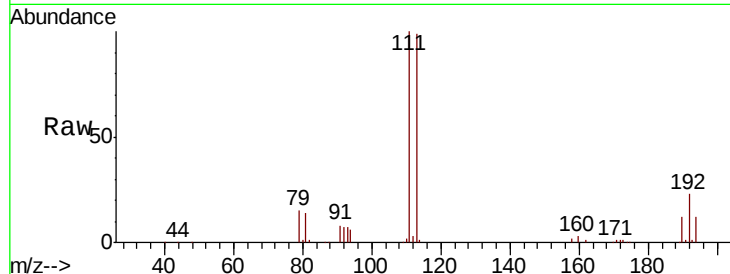




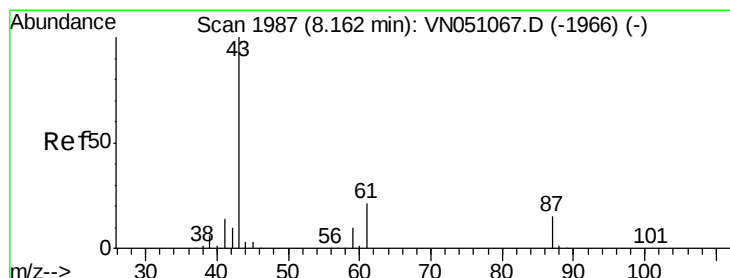
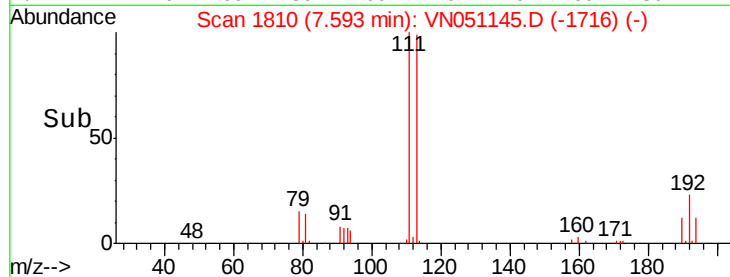
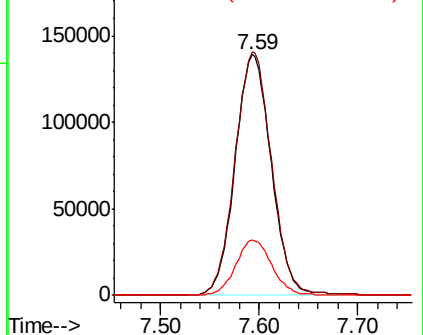
#35
 Dibromofluoromethane
 Concen: 48.76 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051145.D
 Acq: 12 Sep 2018 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112767ZHE#01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	23.0	18.7	28.1

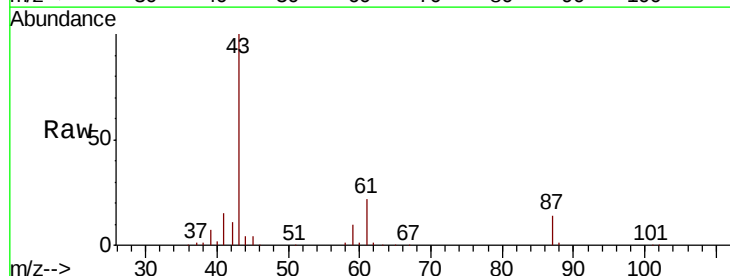


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

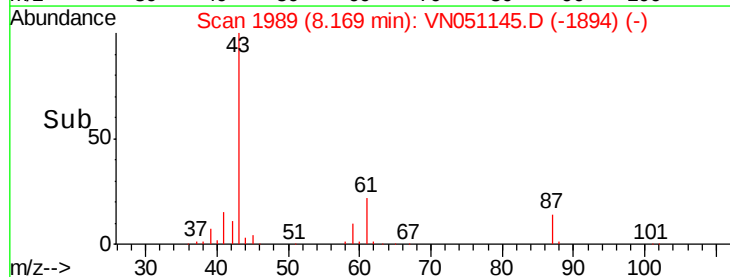
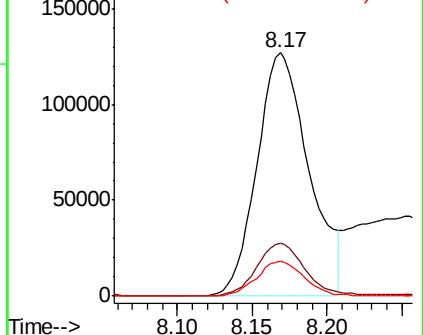


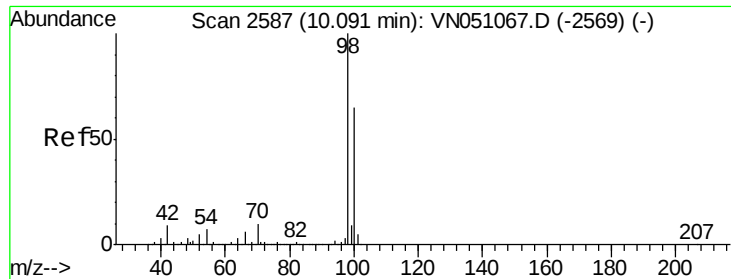
#43
 Isopropyl Acetate
 Concen: 28.38 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN051145.D
 Acq: 12 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	25.0	37.6#
87	13.2	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





#50

Toluene-d8

Concen: 47.36 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051145.D

Acq: 12 Sep 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

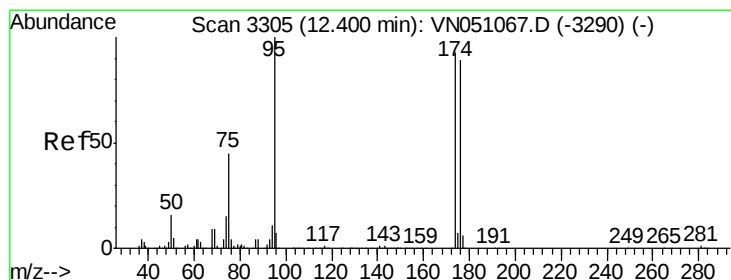
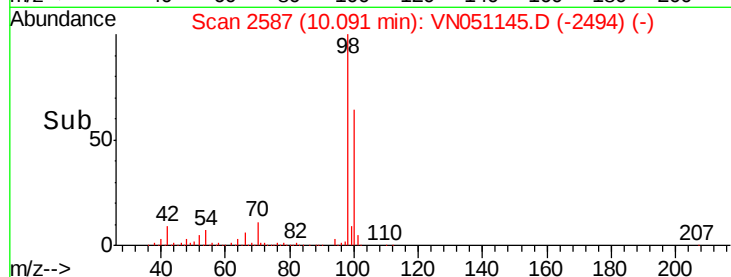
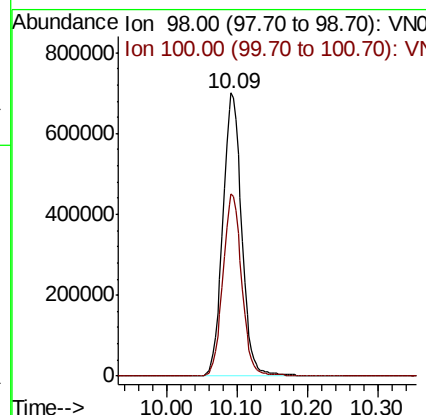
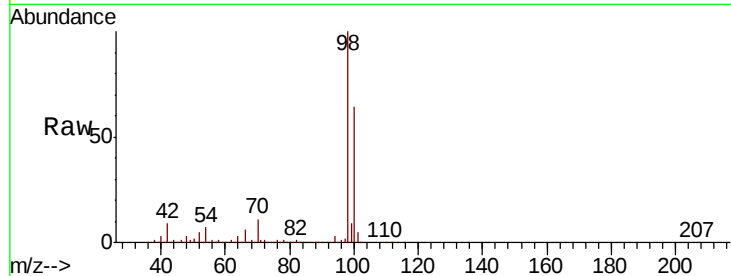
PB112767ZHE#01

Tot Ion: 98 Resp: 1304620

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.01 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051145.D

Acq: 12 Sep 2018 12:06

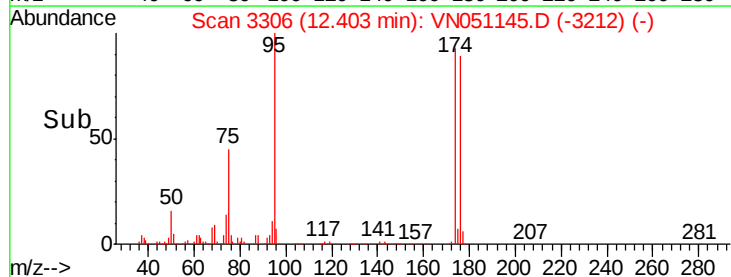
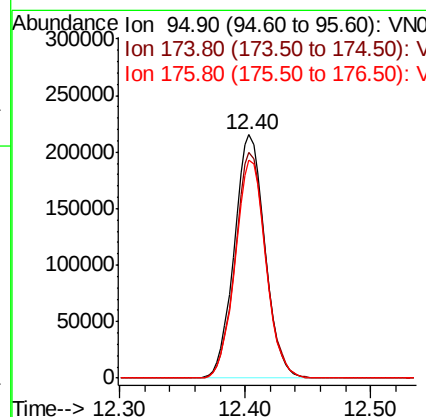
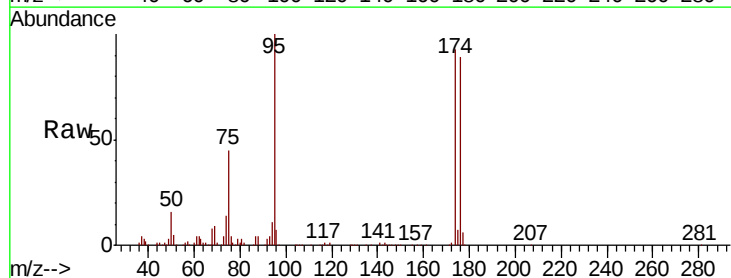
Tgt Ion: 95 Resp: 364553

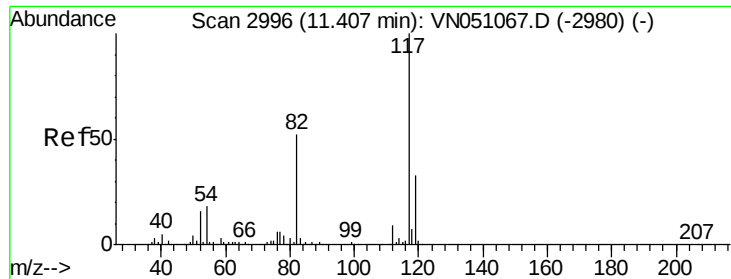
Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.8

176 89.6 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: VN051145.D

Acq: 12 Sep 2018 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB112767ZHE#01

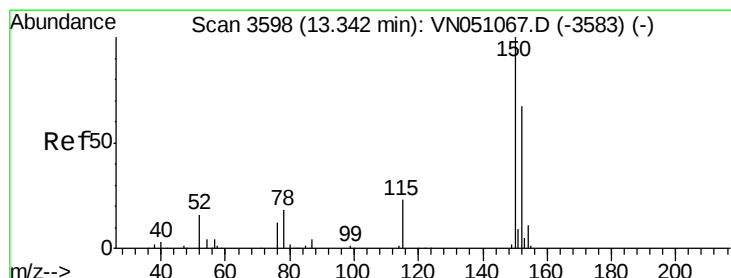
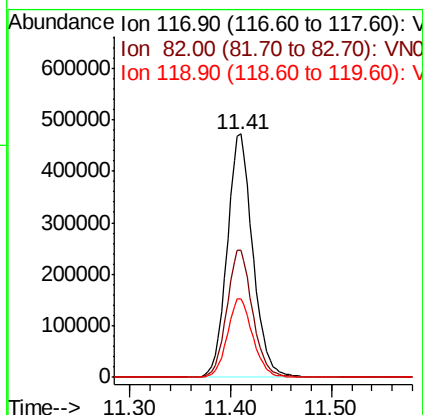
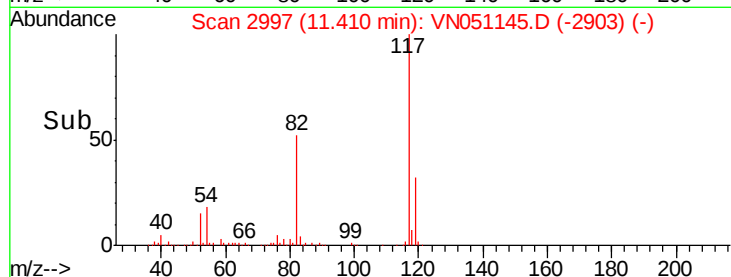
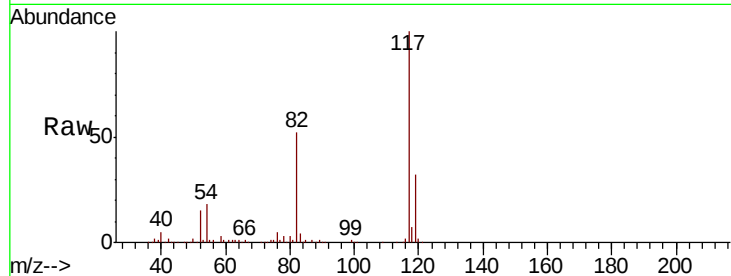
Tot Ion:117 Resp: 833555

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

119 32.5 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: VN051145.D

Acq: 12 Sep 2018 12:06

Tgt Ion:152 Resp: 284373

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 156.7 0.0 349.0

