

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057093.D
 Acq On : 6 Aug 2019 11:15
 Operator : JC/SP
 Sample : PB121998TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121998TB

Quant Time: Aug 07 03:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

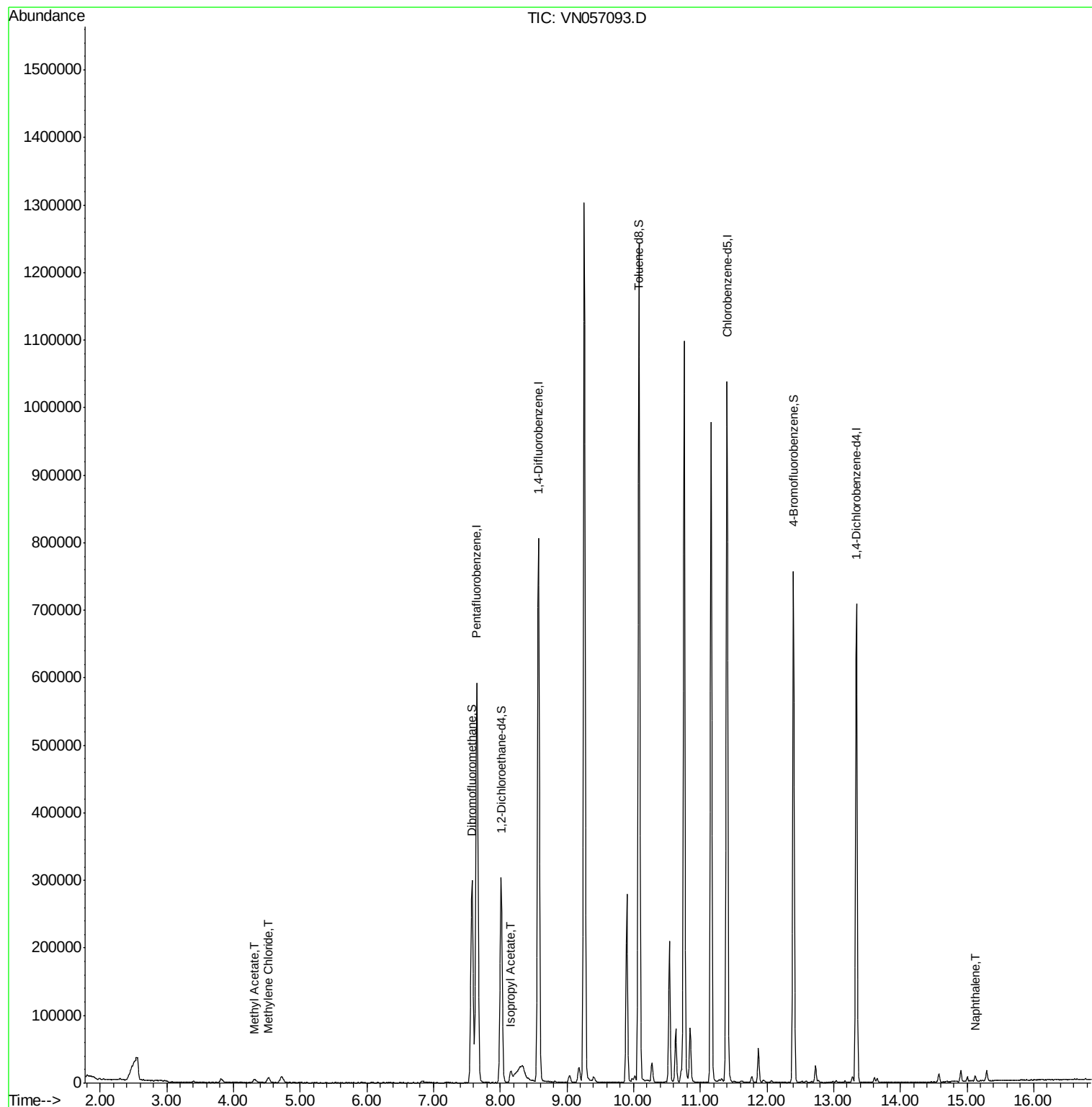
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	528586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	762912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	653351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	258877	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	7.58	113	230958	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.08	98	894679	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.40	95	261950	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
18) Methyl Acetate	4.31	43	10829	1.732	ug/l	93
20) Methylene Chloride	4.53	84	6123	1.084	ug/l #	92
43) Isopropyl Acetate	8.16	43	23623	2.658	ug/l #	83
95) Naphthalene	15.12	128	7611	4.381	ug/l	98

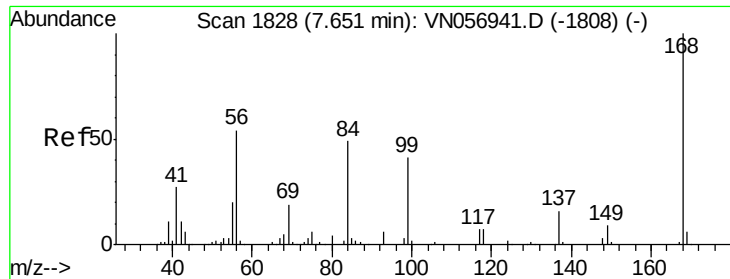
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 01:33:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

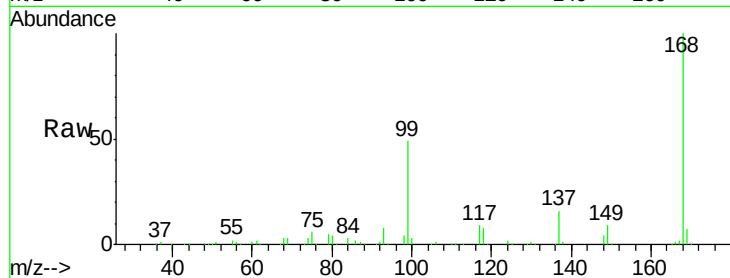
PB121998TB

Tot Ion:168 Resp: 528586

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

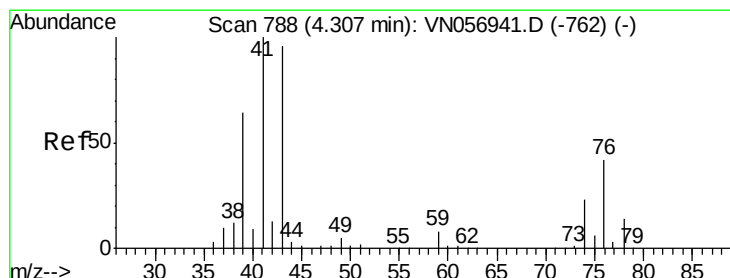
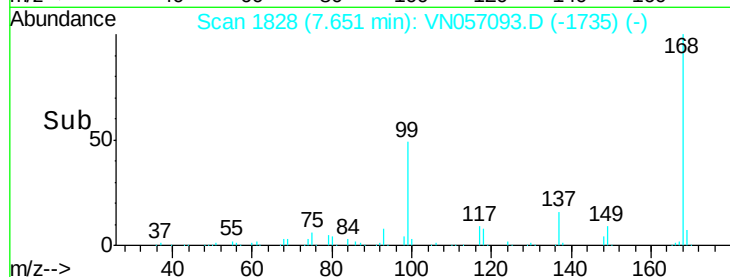
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.732 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057093.D

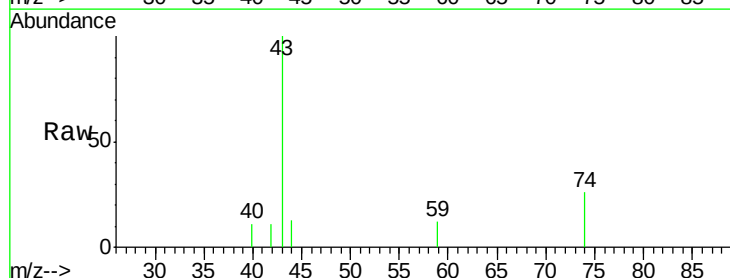
Acq: 6 Aug 2019 11:15

Tgt Ion: 43 Resp: 10829

Ion Ratio Lower Upper

43 100

74 21.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.31

4000

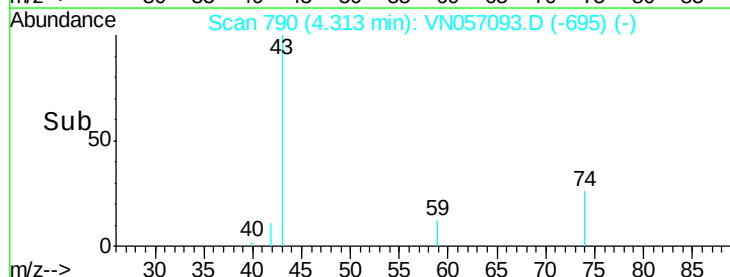
3000

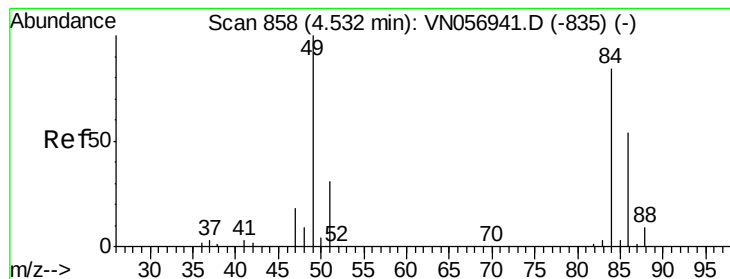
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.084 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

PB121998TB

Tot Ion: 84 Resp: 6123

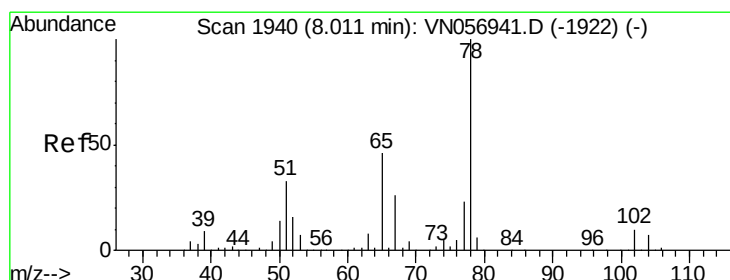
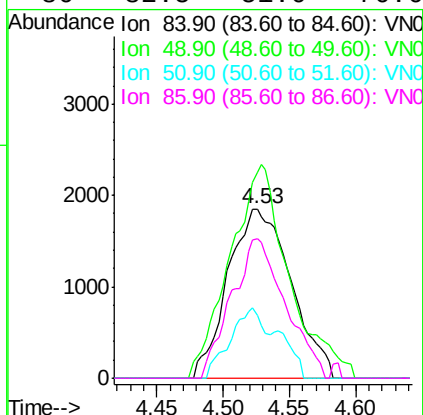
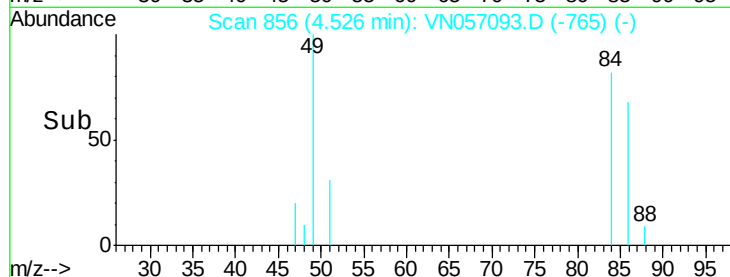
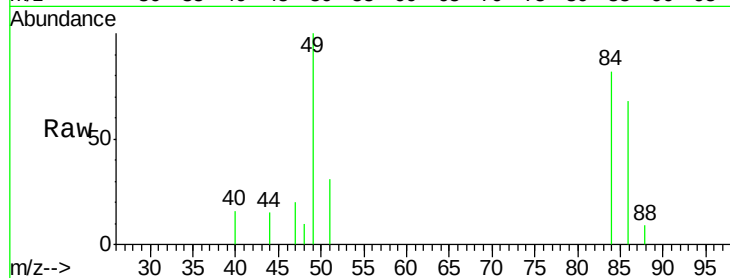
Ion Ratio Lower Upper

84 100

49 121.5 95.2 142.8

51 37.3 29.7 44.5

86 82.5 51.0 76.6#



#33

1,2-Dichloroethane-d4

Concen: 47.844 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057093.D

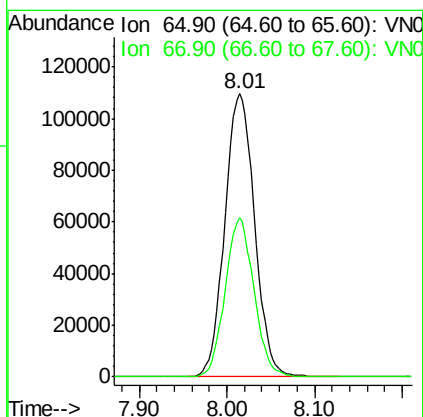
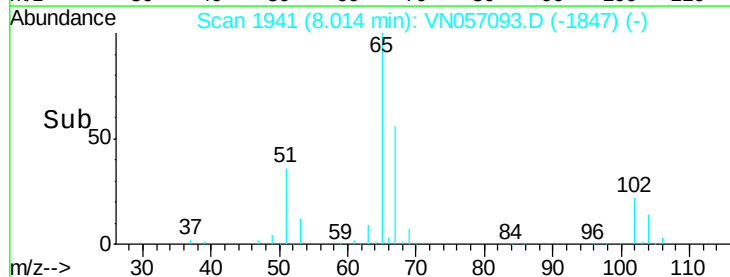
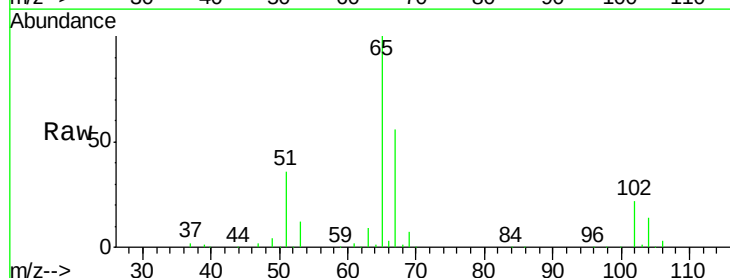
Acq: 6 Aug 2019 11:15

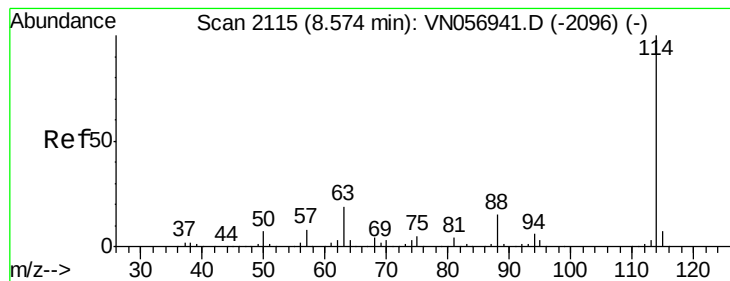
Tgt Ion: 65 Resp: 258877

Ion Ratio Lower Upper

65 100

67 54.4 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB121998TB

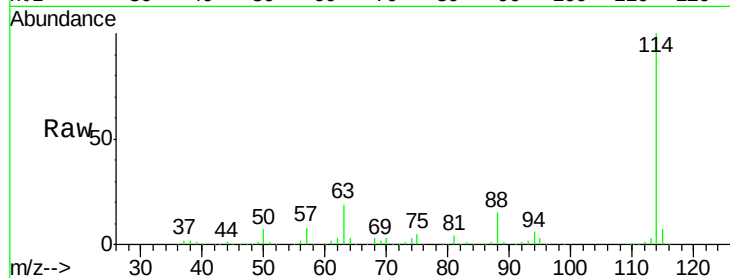
Tot Ion:114 Resp: 762912

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

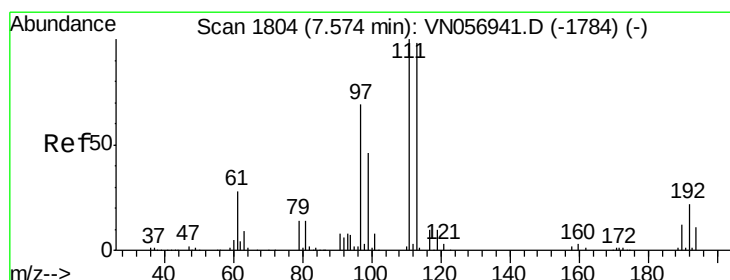
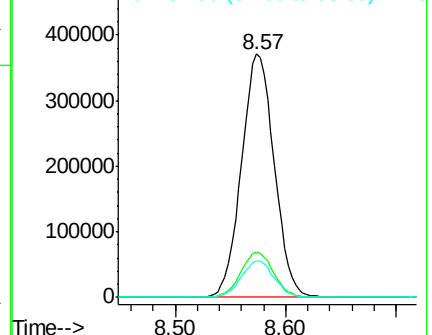
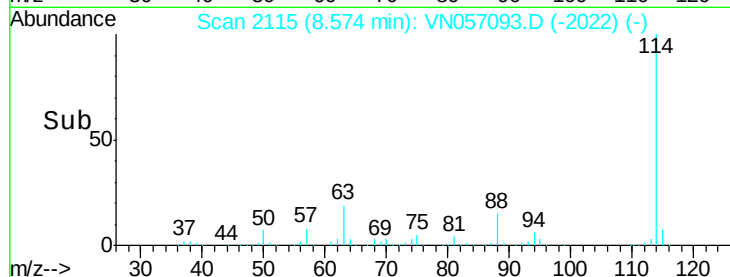
88 14.9 0.0 30.0



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: 47.290 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

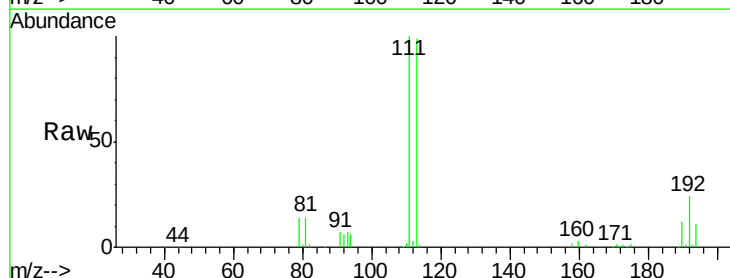
Tgt Ion:113 Resp: 230958

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

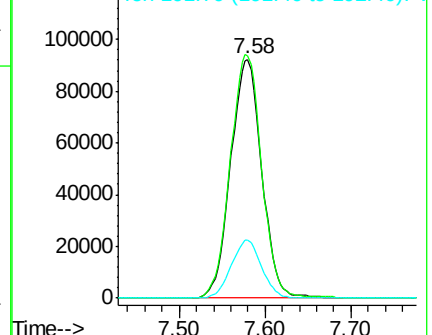
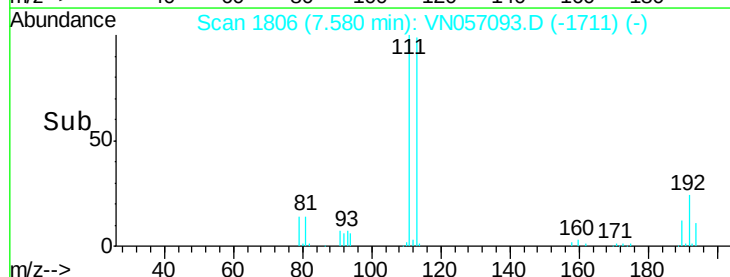
192 23.7 18.4 27.6

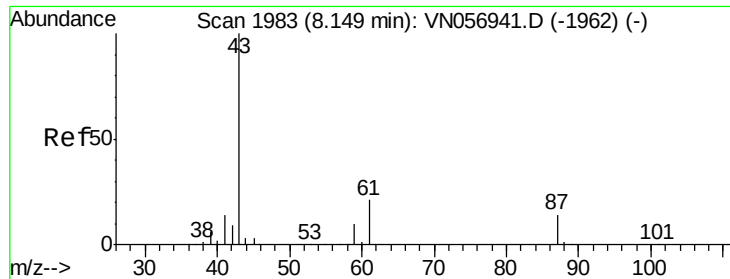


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.658 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampleId :

PB121998TB

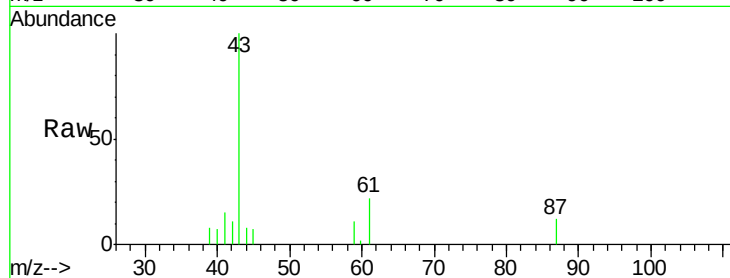
Tot Ion: 43 Resp: 23623

Ion Ratio Lower Upper

43 100

61 17.6 23.0 34.6#

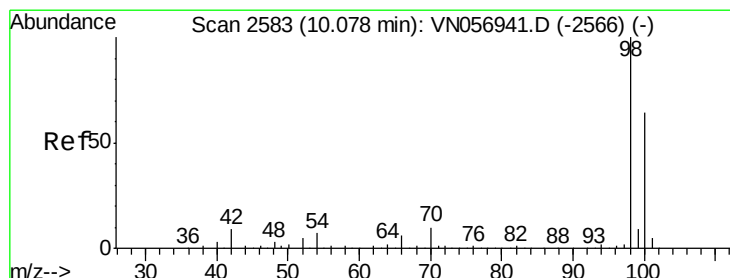
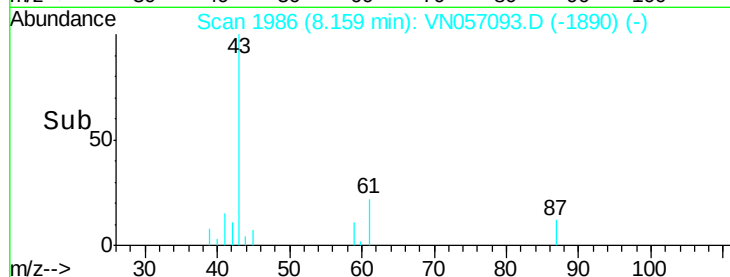
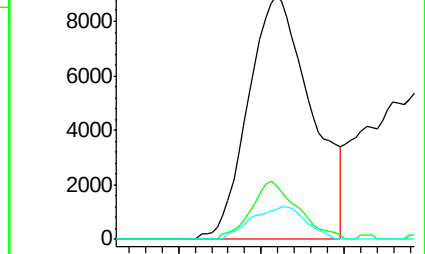
87 11.4 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#50

Toluene-d8

Concen: 48.037 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057093.D

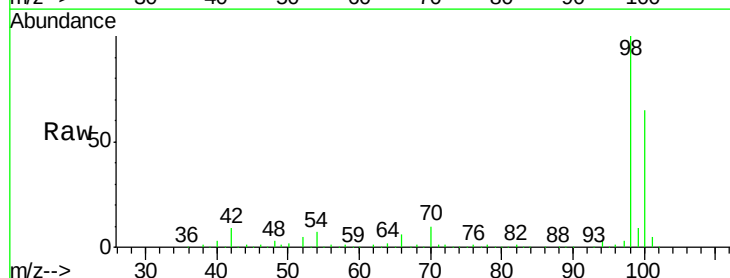
Acq: 6 Aug 2019 11:15

Tgt Ion: 98 Resp: 894679

Ion Ratio Lower Upper

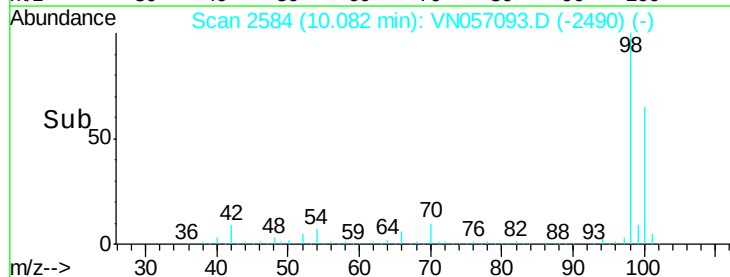
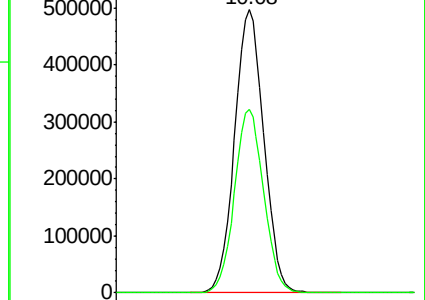
98 100

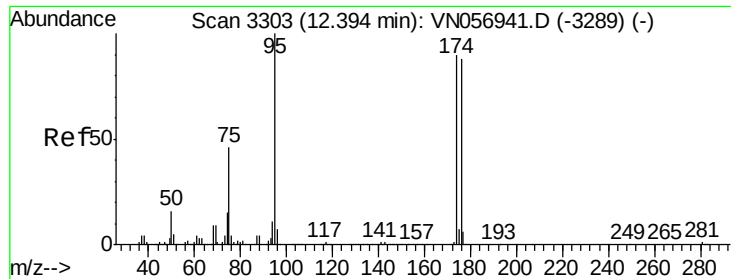
100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)





#62

4-Bromofluorobenzene

Concen: 43.204 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

PB121998TB

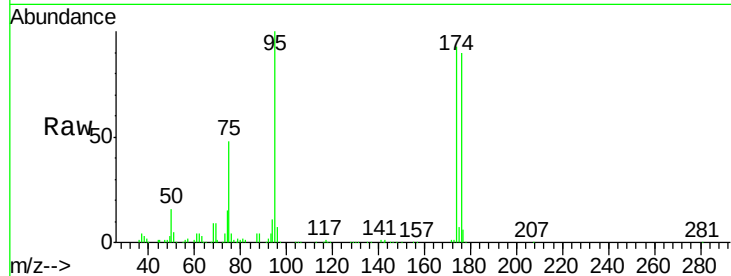
Tot Ion: 95 Resp: 261950

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.2

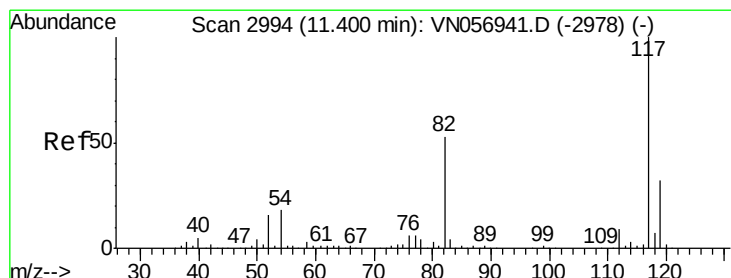
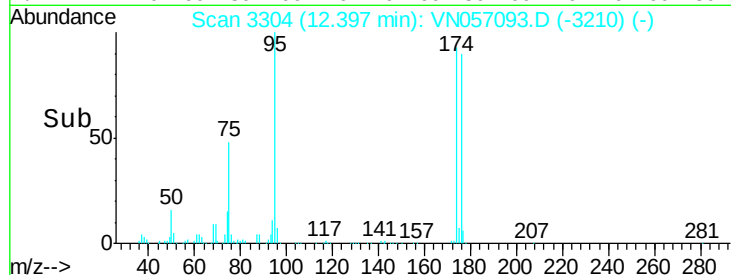
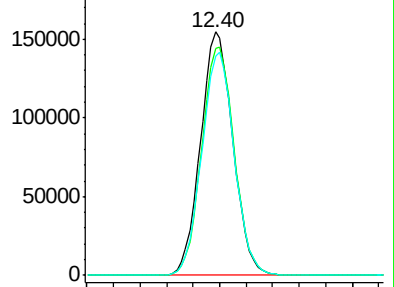
176 91.9 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

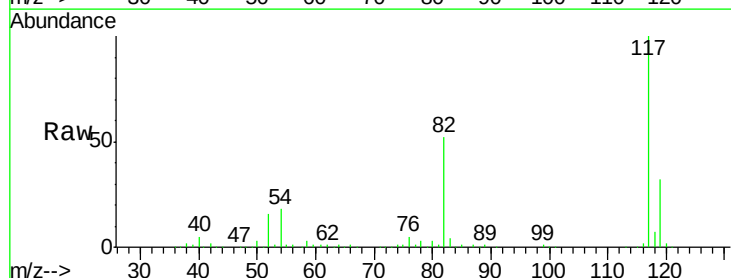
Tgt Ion: 117 Resp: 653351

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

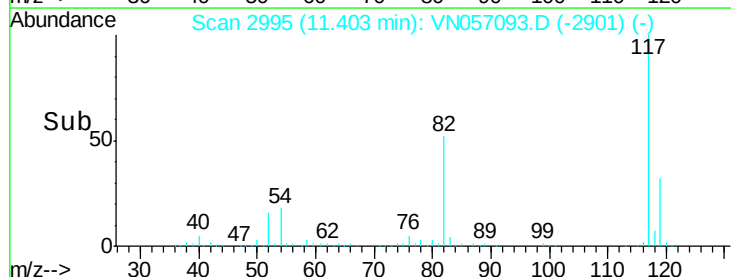
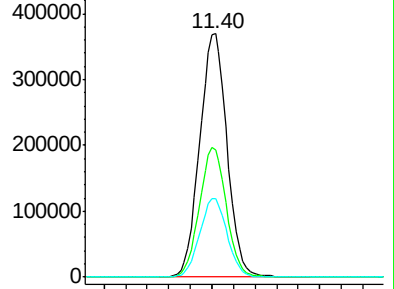
119 32.1 25.8 38.6

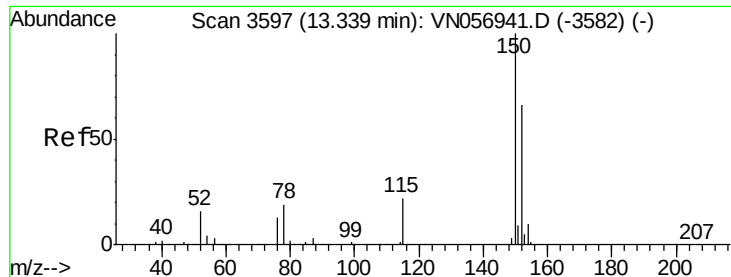


Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

Instrument :

MSVOA_N

ClientSampled :

PB121998TB

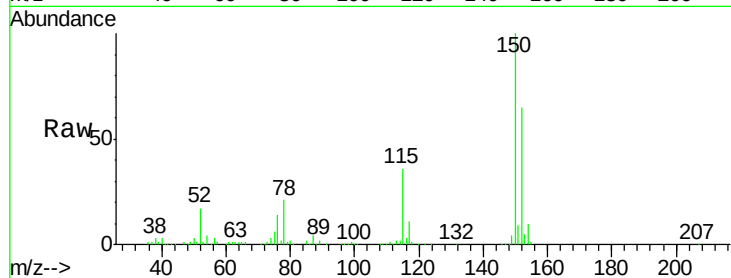
Tot Ion:152 Resp: 209586

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.6

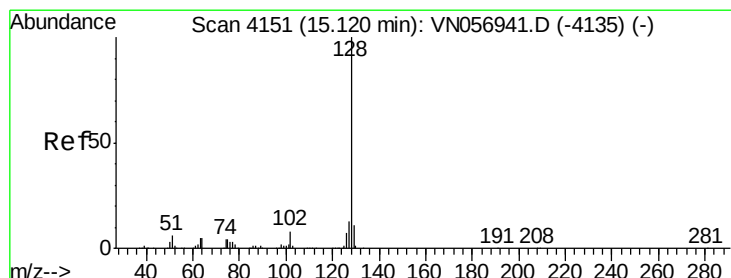
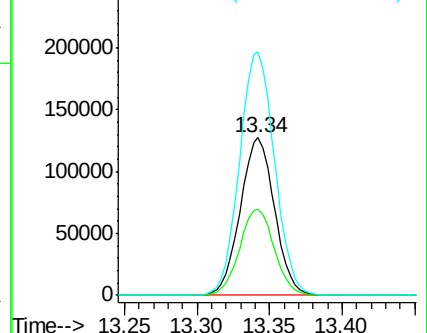
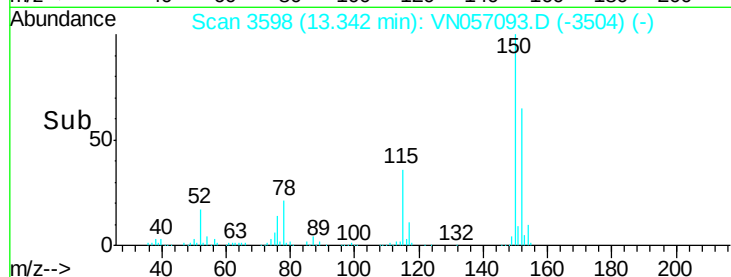
150 157.8 0.0 349.4



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



#95

Naphthalene

Concen: 4.381 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057093.D

Acq: 6 Aug 2019 11:15

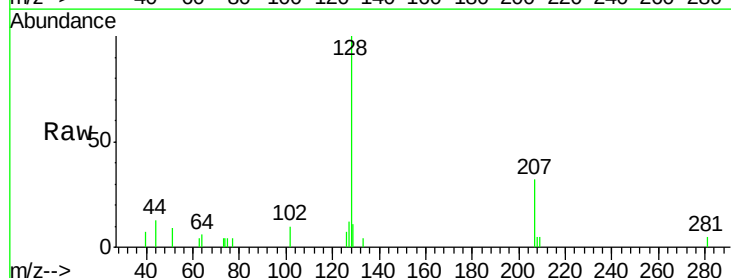
Tgt Ion:128 Resp: 7611

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

129 11.5 8.7 13.1



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

