

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055957.D
 Acq On : 3 Jun 2019 13:25
 Operator : JC/SP
 Sample : PB120255TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120255TB

Quant Time: Jun 04 03:55:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

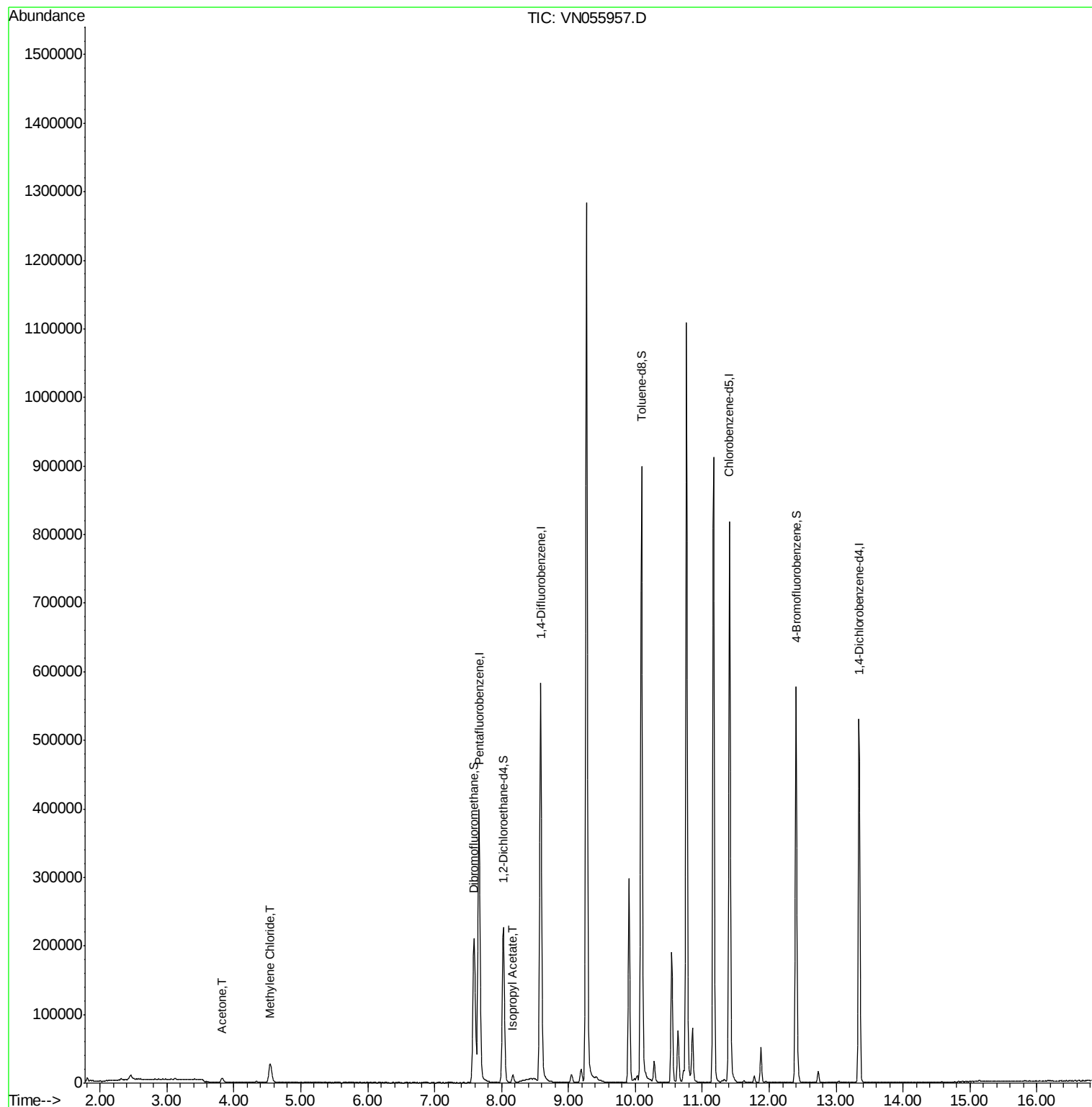
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	375175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	565013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	189440	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	166149	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.09	98	683234	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	208144	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
Target Compounds						
16) Acetone	3.82	43	10853	6.372	ug/l	96
20) Methylene Chloride	4.55	84	23286	6.313	ug/l	93
43) Isopropyl Acetate	8.17	43	13742	1.719	ug/l #	89

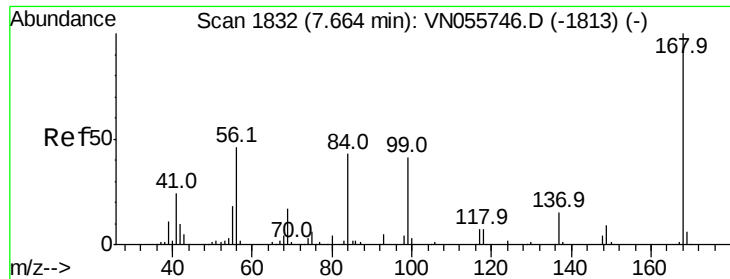
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 06:41:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

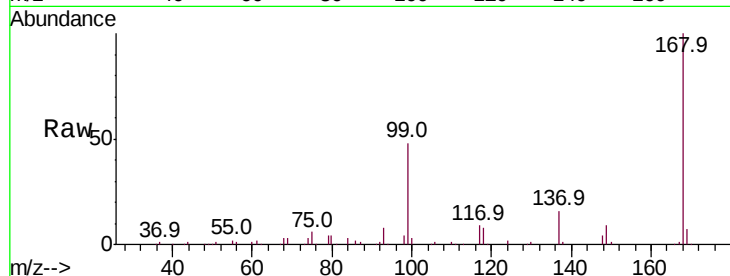
PB120255TB

Tot Ion:168 Resp: 375175

Ion Ratio Lower Upper

168 100

99 47.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

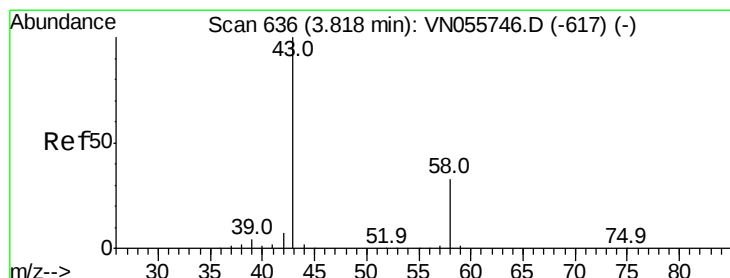
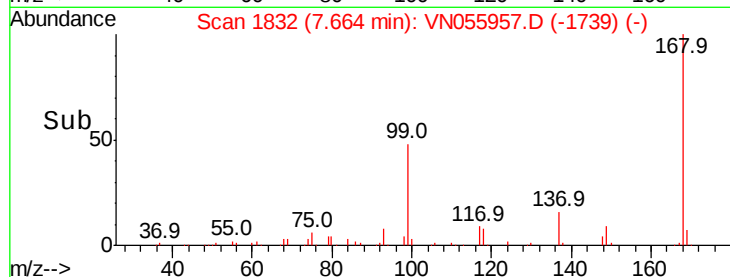
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.372 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055957.D

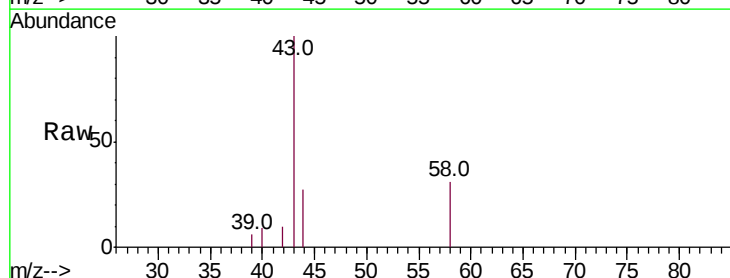
Acq: 3 Jun 2019 13:25

Tgt Ion: 43 Resp: 10853

Ion Ratio Lower Upper

43 100

58 31.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

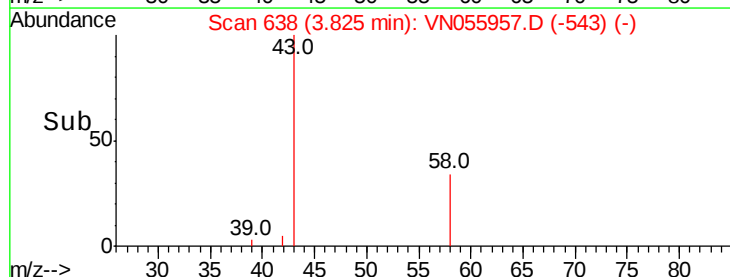
3000

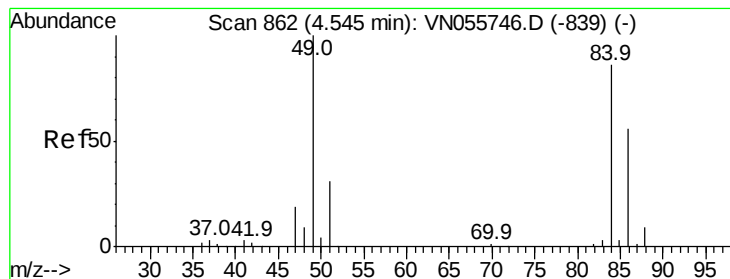
2000

1000

0

Time--> 3.70 3.80 3.90





#20

Methvlene Chloride

Concen: 6.313 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120255TB

Tot Ion: 84 Resp: 23286

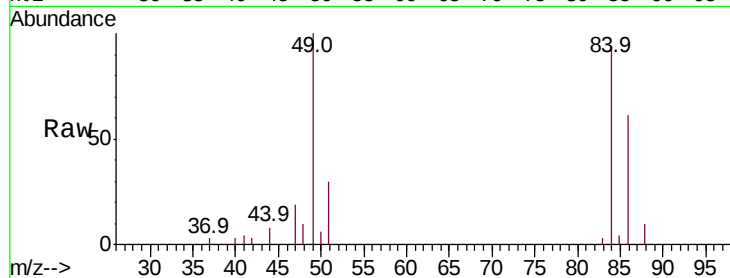
Ion Ratio Lower Upper

84 100

49 105.9 93.5 140.3

51 31.7 28.6 43.0

86 64.3 52.6 79.0

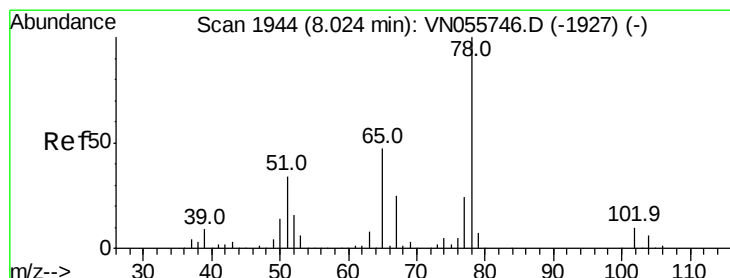
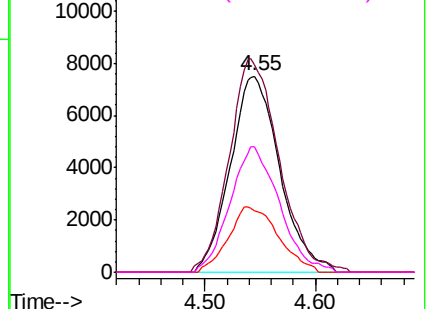
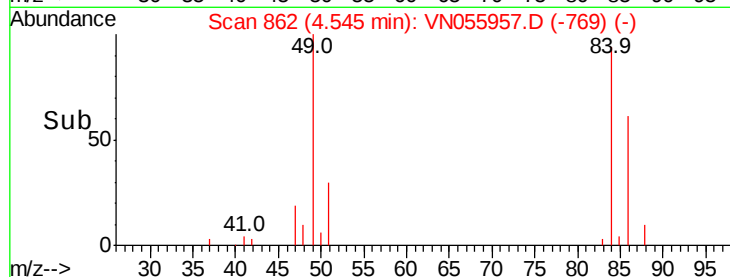


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.894 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055957.D

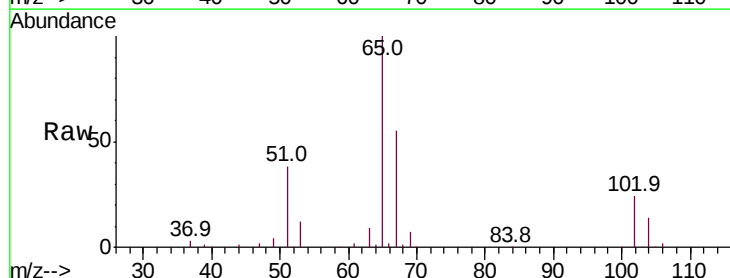
Acq: 3 Jun 2019 13:25

Tgt Ion: 65 Resp: 189440

Ion Ratio Lower Upper

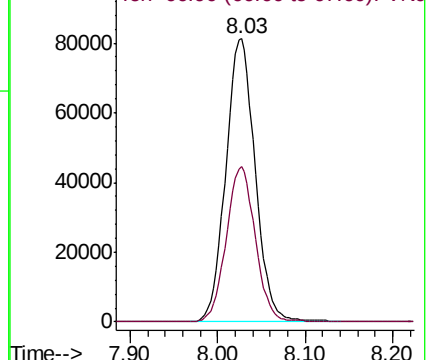
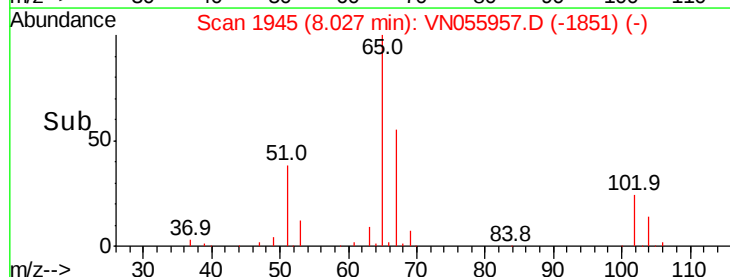
65 100

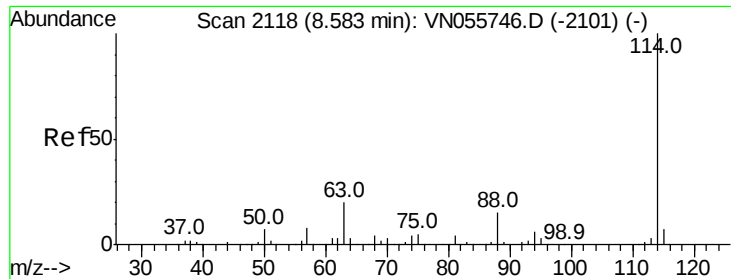
67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

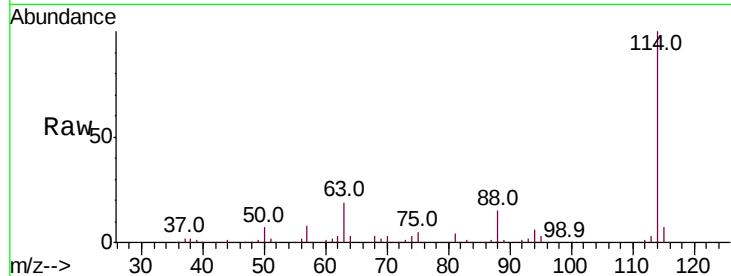




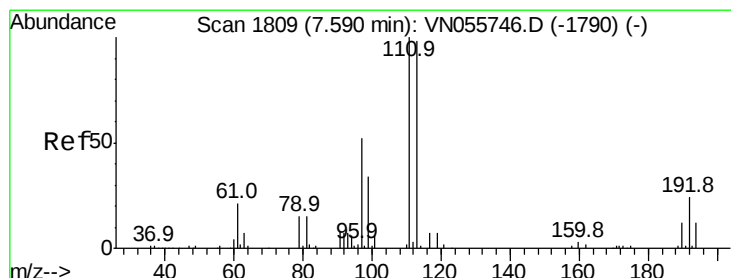
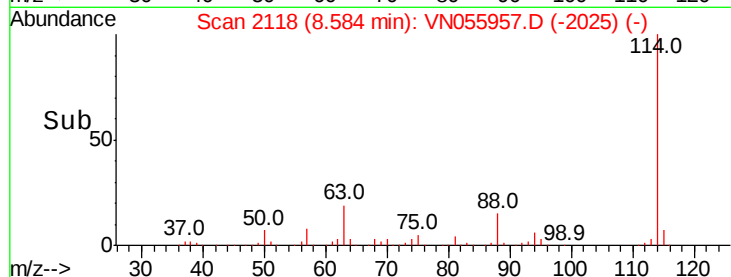
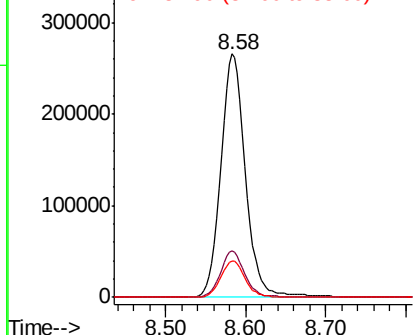
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120255TB

Tot Ion:114 Resp: 565013
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.0 0.0 31.0

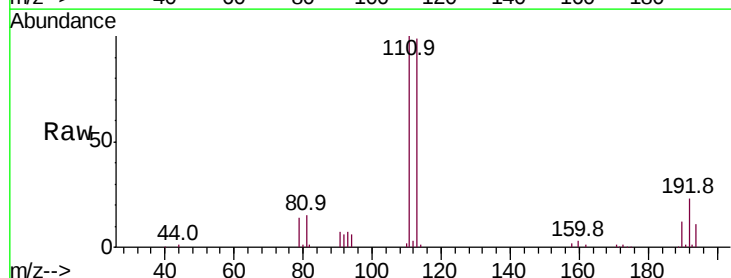


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

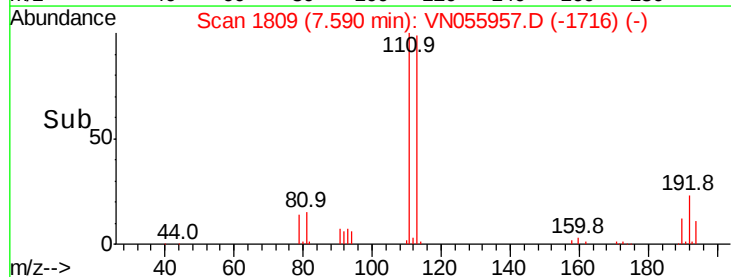
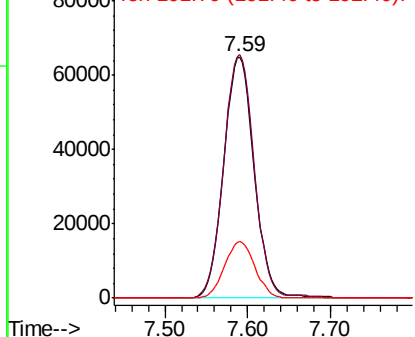


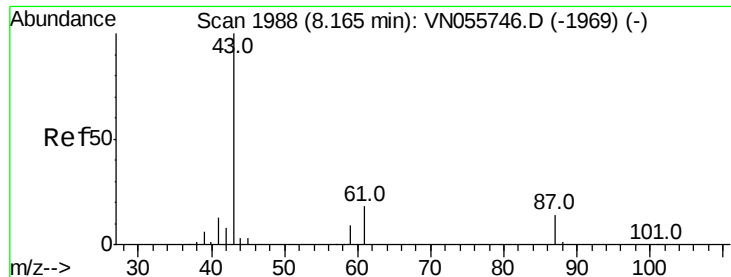
#35
 Dibromofluoromethane
 Concen: 46.512 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055957.D
 Acq: 3 Jun 2019 13:25

Tgt Ion:113 Resp: 166149
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.9 122.9
 192 23.2 19.5 29.3



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: 1.719 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120255TB

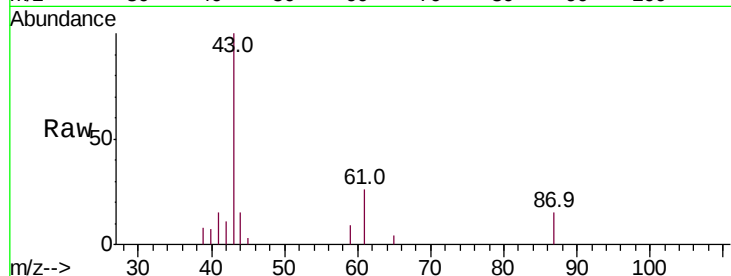
Tot Ion: 43 Resp: 13742

Ion Ratio Lower Upper

43 100

61 19.6 22.2 33.4#

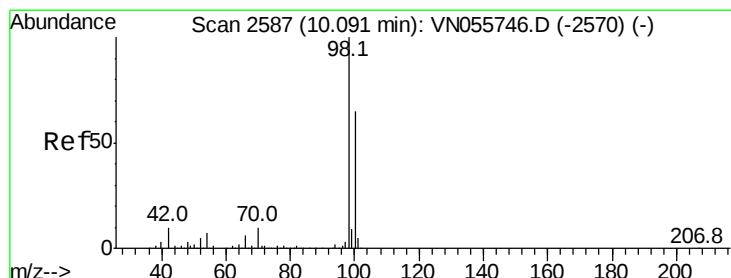
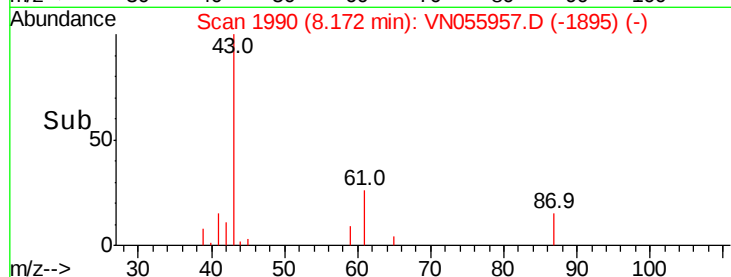
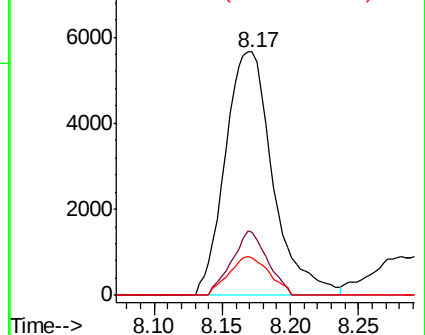
87 13.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.862 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055957.D

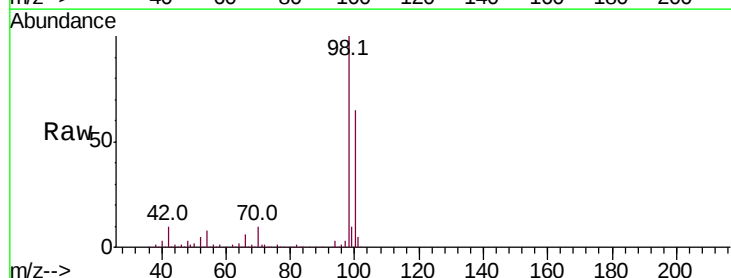
Acq: 3 Jun 2019 13:25

Tgt Ion: 98 Resp: 683234

Ion Ratio Lower Upper

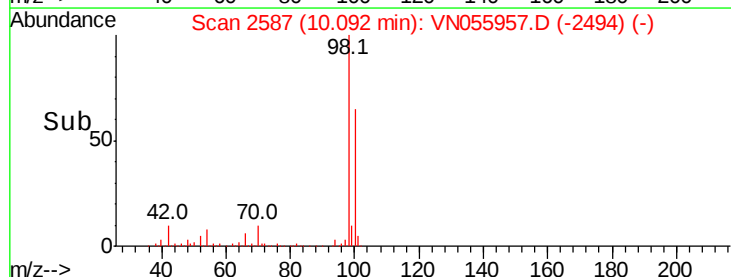
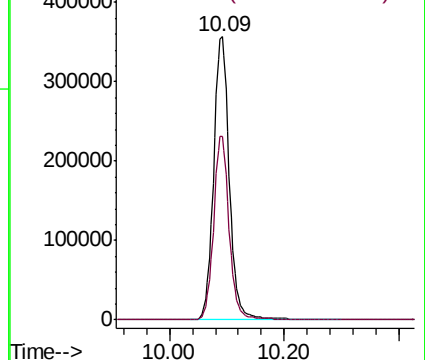
98 100

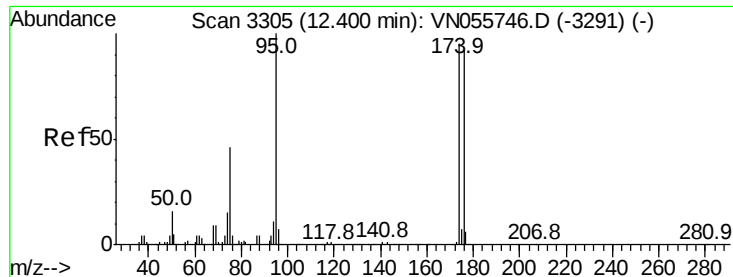
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120255TB

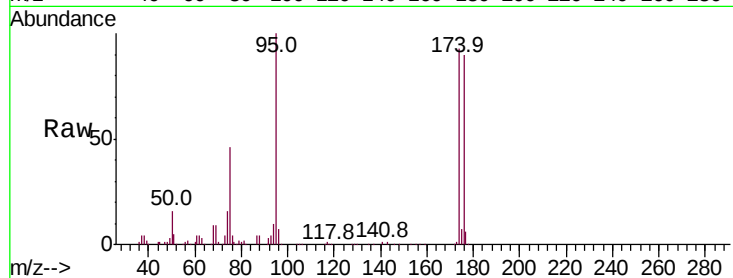
Tot Ion: 95 Resp: 208144

Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.0

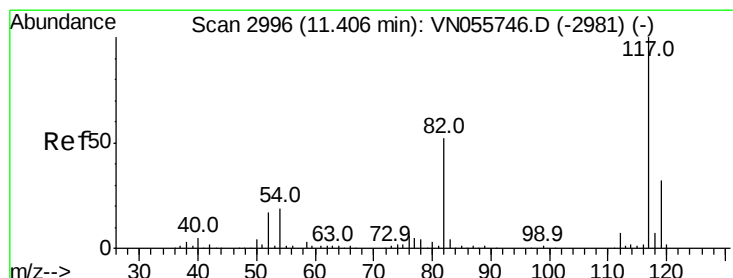
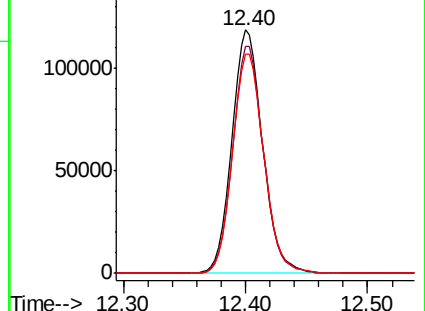
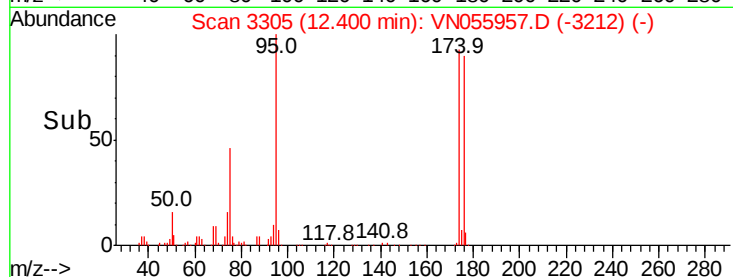
176 91.8 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

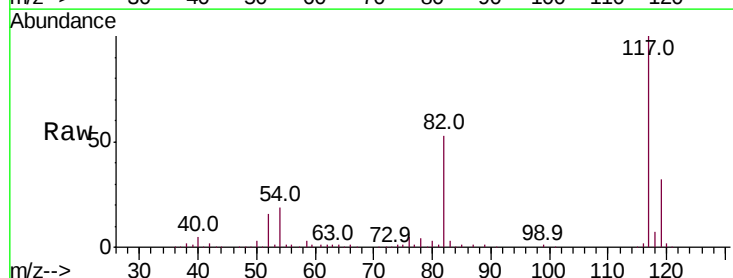
Tgt Ion: 117 Resp: 522792

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

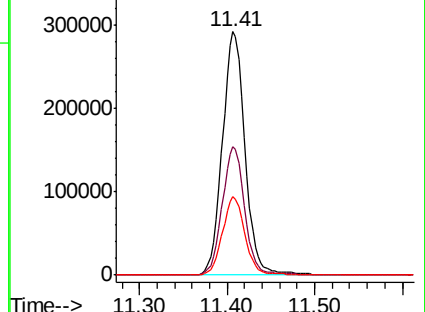
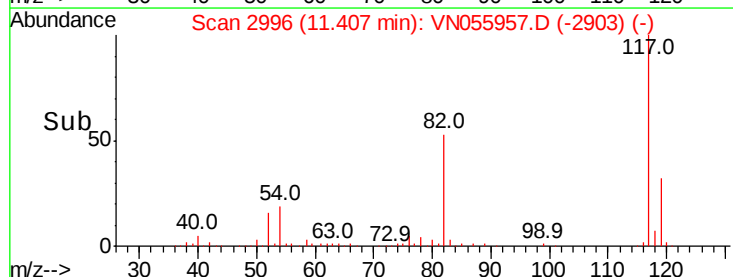
119 32.0 25.4 38.0

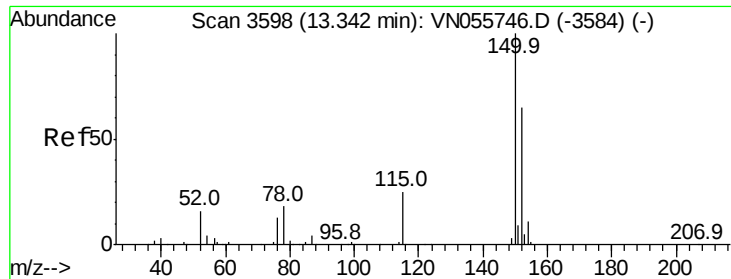


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055957.D

Acq: 3 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120255TB

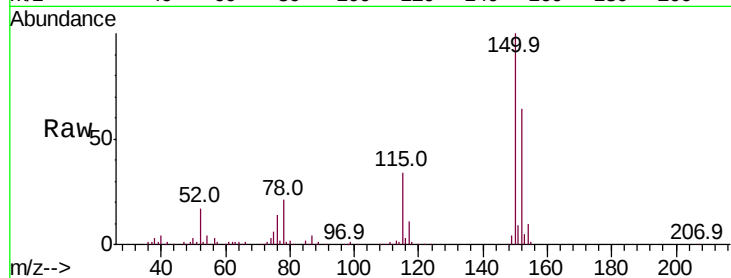
Tot Ion:152 Resp: 163892

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

150 155.5 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

200000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

