

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN055998.D
 Acq On : 5 Jun 2019 10:21
 Operator : JC/SP
 Sample : PB120319TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120319TB

Quant Time: Jun 06 01:34:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

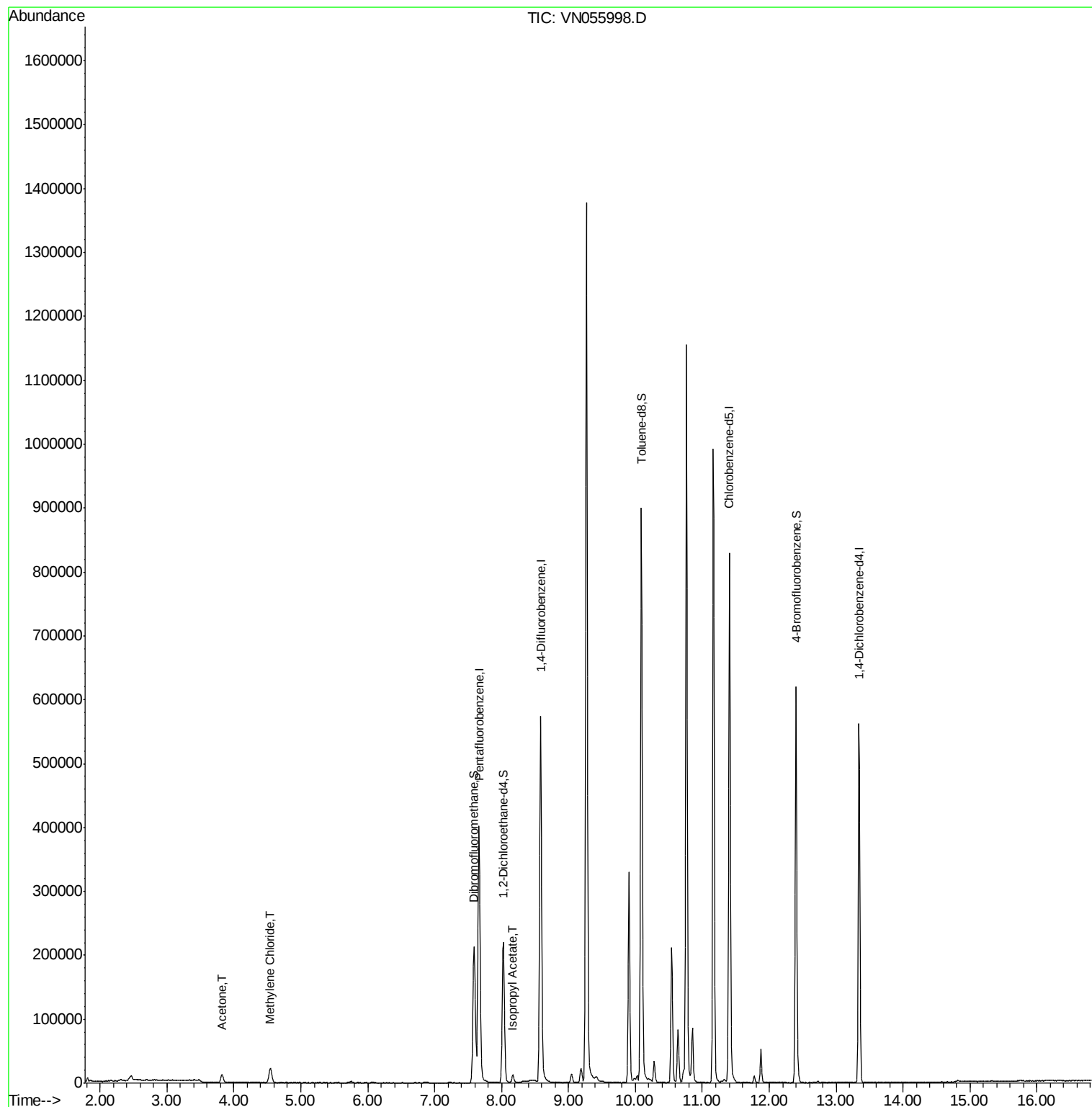
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	386416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	579572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	540550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	184644	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.59	113	165057	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	10.09	98	689032	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	220905	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	3.82	43	21950	11.962	ug/l	92
20) Methylene Chloride	4.54	84	18370	4.859	ug/l	98
43) Isopropyl Acetate	8.17	43	14767	2.055	ug/l #	90

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

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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: VN055998.D

Acq: 5 Jun 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

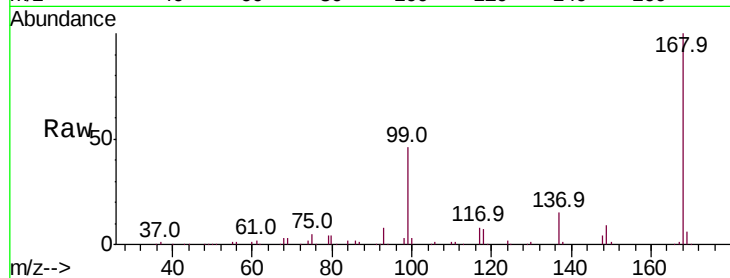
PB120319TB

Tot Ion:168 Resp: 386416

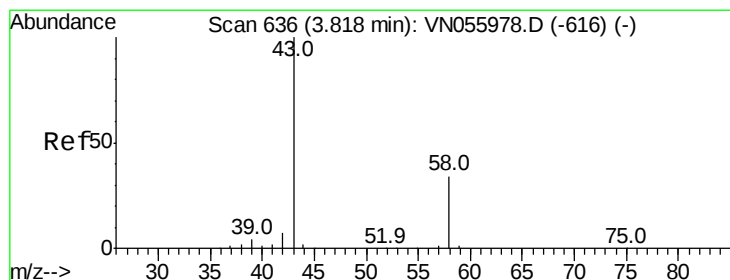
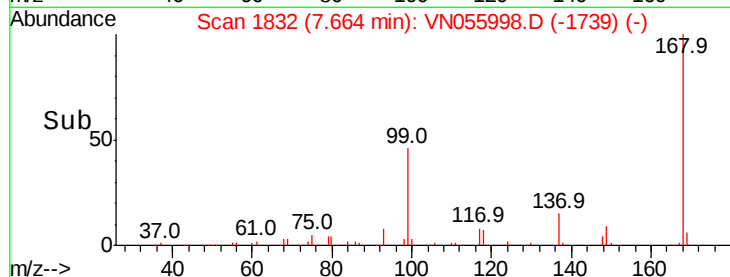
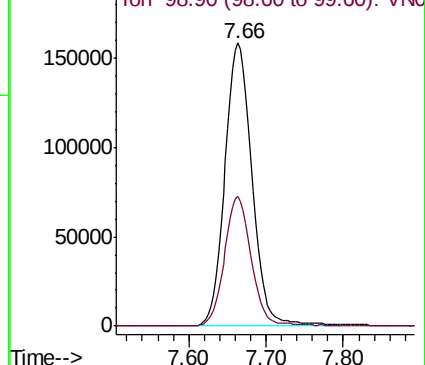
Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055998.D (-1812) (-)



#16

Acetone

Concen: 11.962 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055998.D

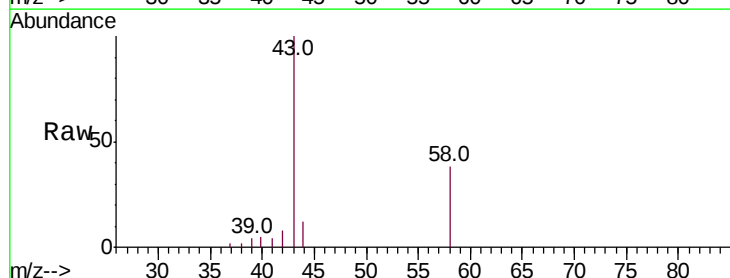
Acq: 5 Jun 2019 10:21

Tgt Ion: 43 Resp: 21950

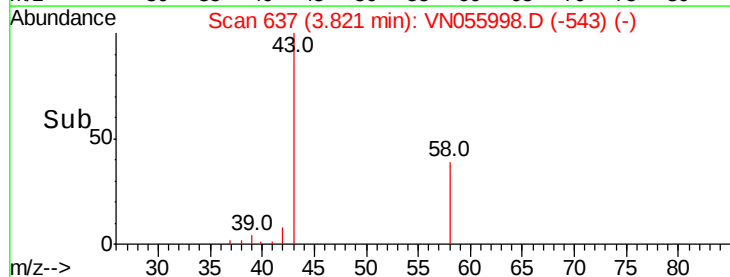
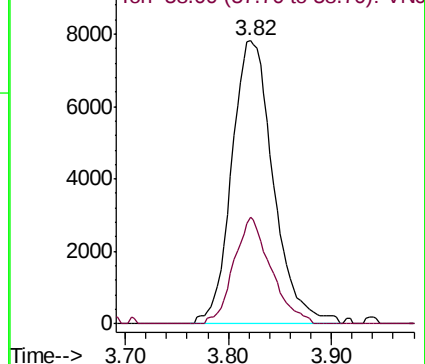
Ion Ratio Lower Upper

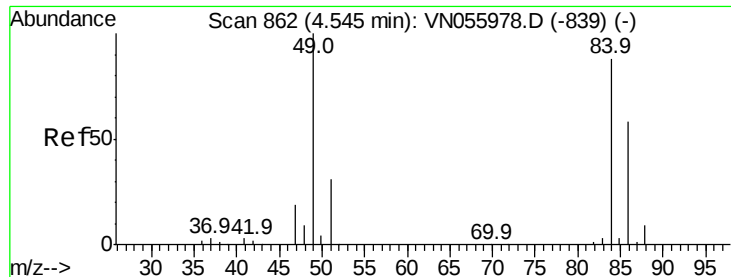
43 100

58 37.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055998.D (-616) (-)





#20

Methvlene Chloride

Concen: 4.859 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN055998.D

Acq: 5 Jun 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

PB120319TB

Tot Ion: 84 Resp: 18370

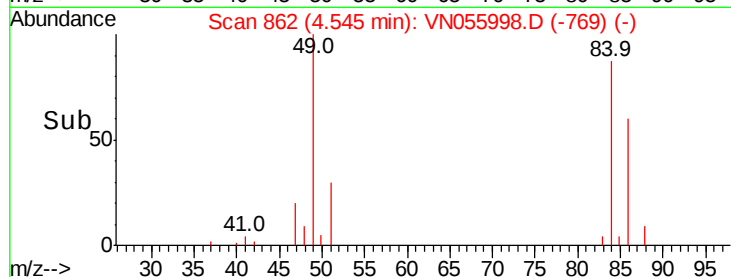
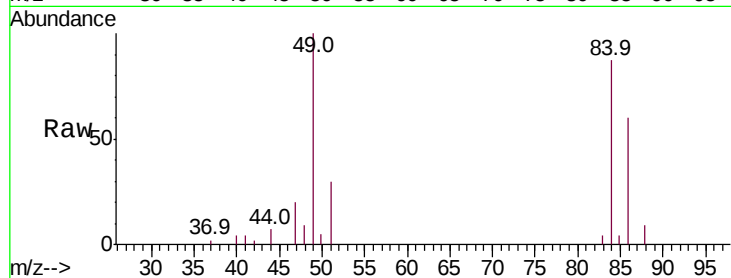
Ion Ratio Lower Upper

84 100

49 115.4 93.5 140.3

51 34.5 28.6 43.0

86 68.9 52.6 79.0

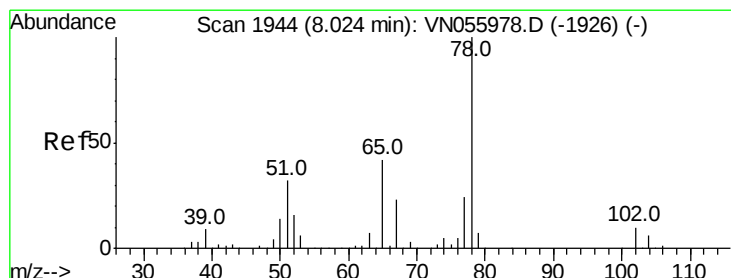
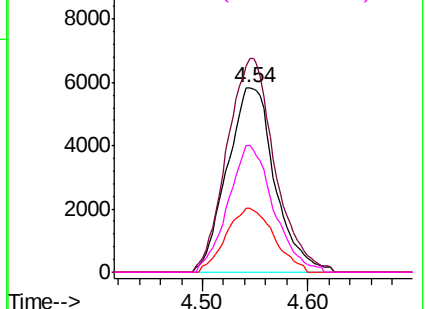


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.125 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055998.D

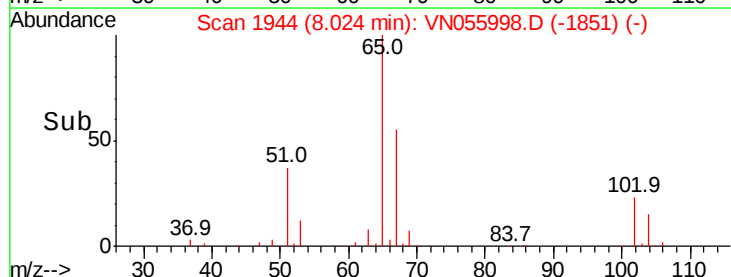
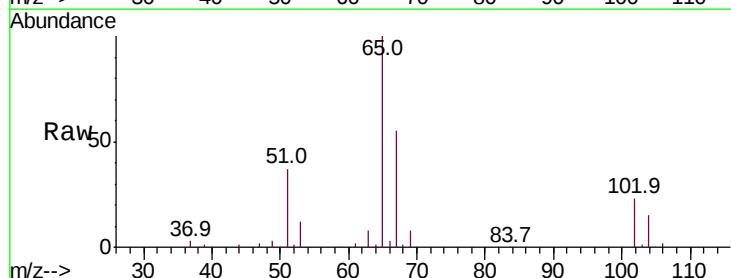
Acq: 5 Jun 2019 10:21

Tgt Ion: 65 Resp: 184644

Ion Ratio Lower Upper

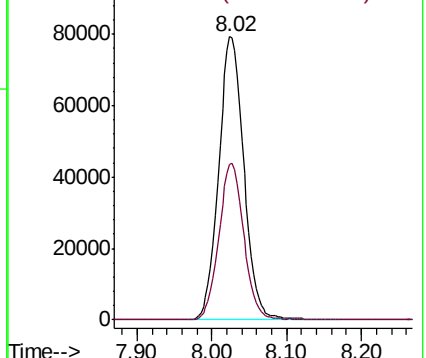
65 100

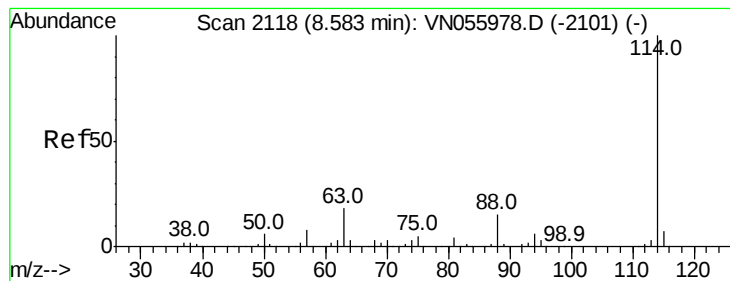
67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055998.D

Acq: 5 Jun 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

PB120319TB

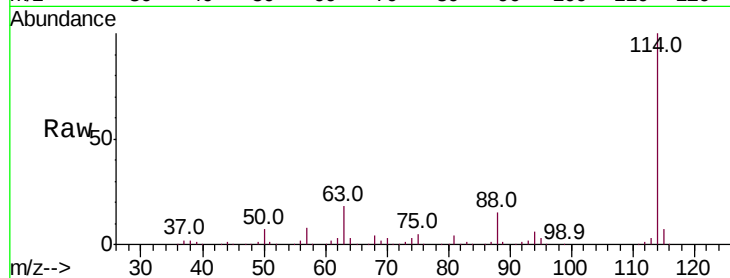
Tot Ion:114 Resp: 579572

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

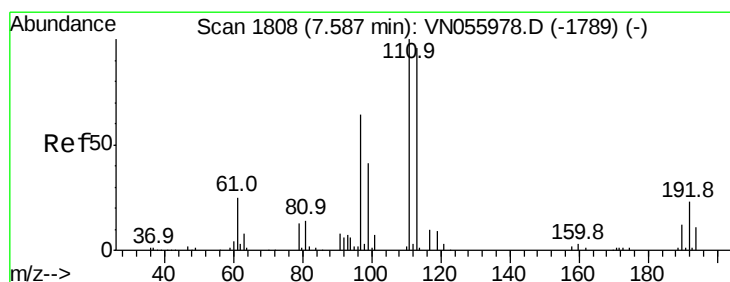
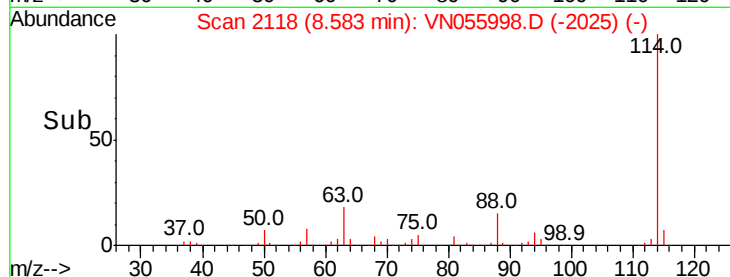
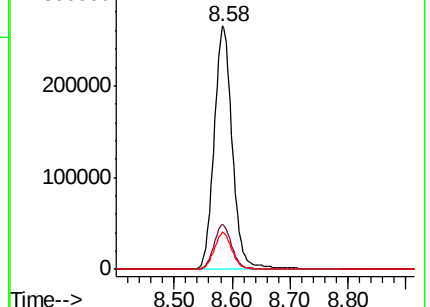
88 15.3 0.0 31.0



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: 46.418 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055998.D

Acq: 5 Jun 2019 10:21

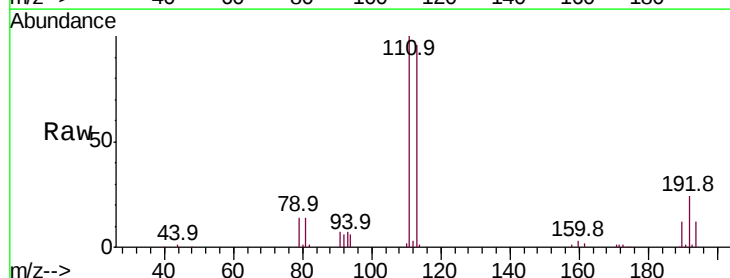
Tgt Ion:113 Resp: 165057

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

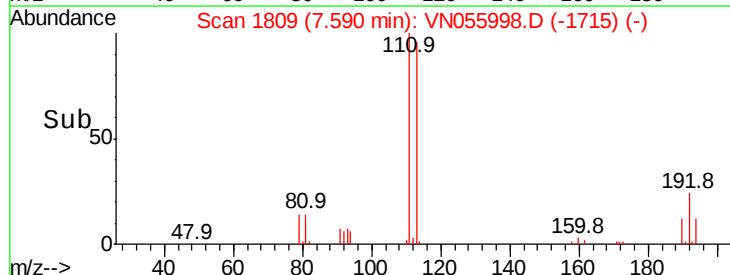
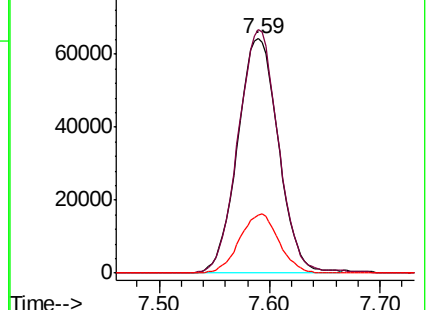
192 24.3 19.5 29.3

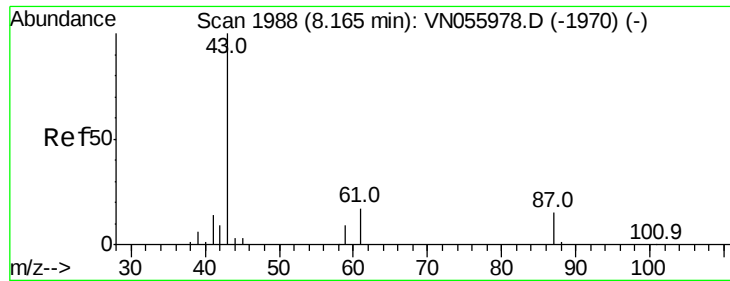


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.055 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055998.D

Acq: 5 Jun 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

PB120319TB

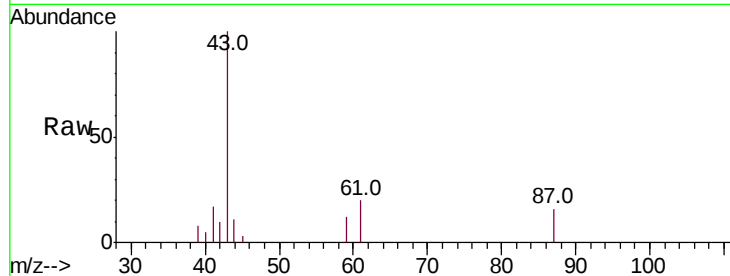
Tot Ion: 43 Resp: 14767

Ion Ratio Lower Upper

43 100

61 19.9 22.2 33.4#

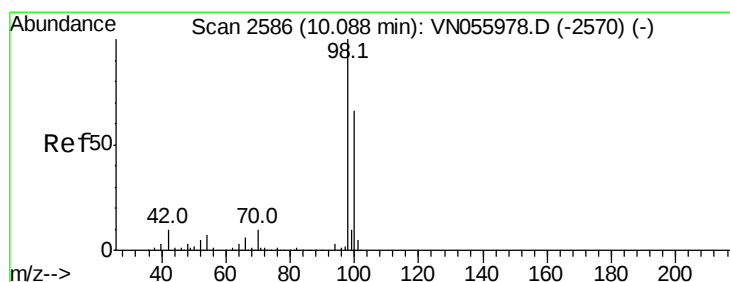
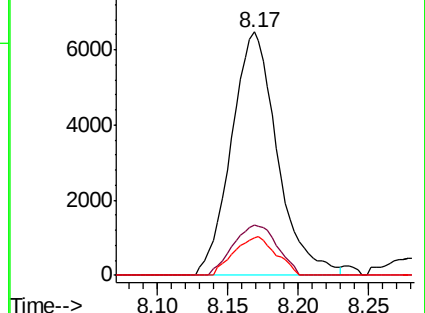
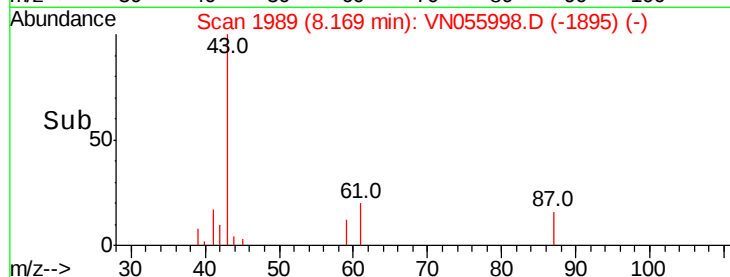
87 14.5 11.4 17.2



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: 50.357 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055998.D

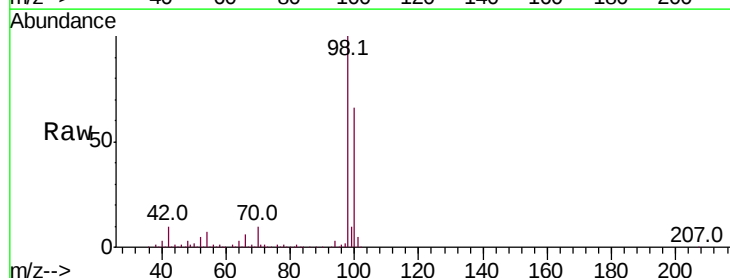
Acq: 5 Jun 2019 10:21

Tgt Ion: 98 Resp: 689032

Ion Ratio Lower Upper

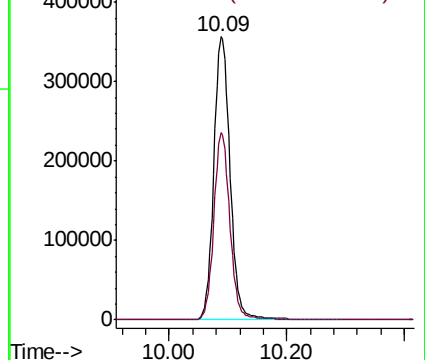
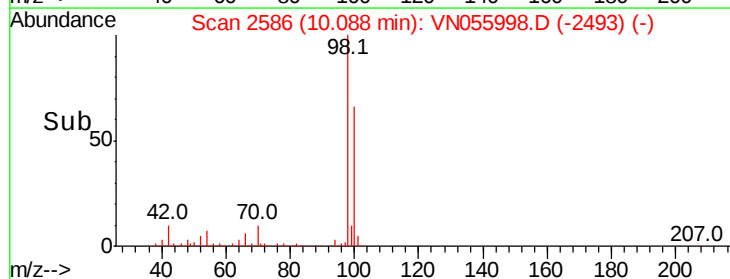
98 100

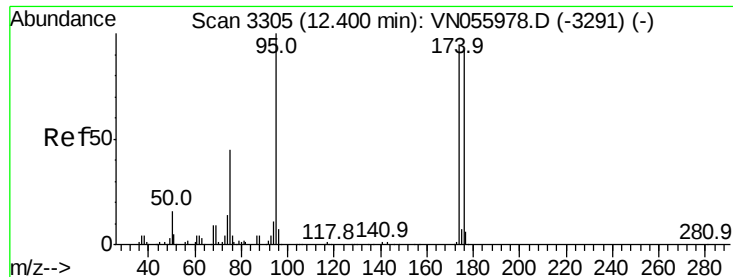
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.473 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055998.D

Acq: 5 Jun 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

PB120319TB

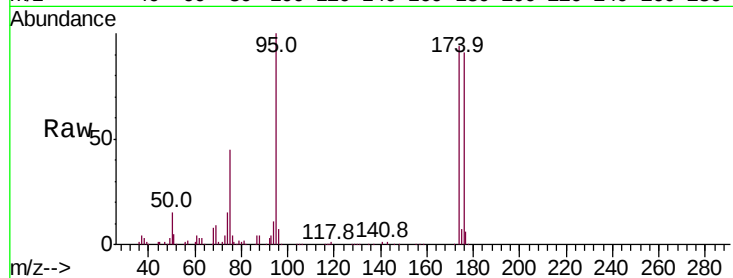
Tot Ion: 95 Resp: 220905

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.0

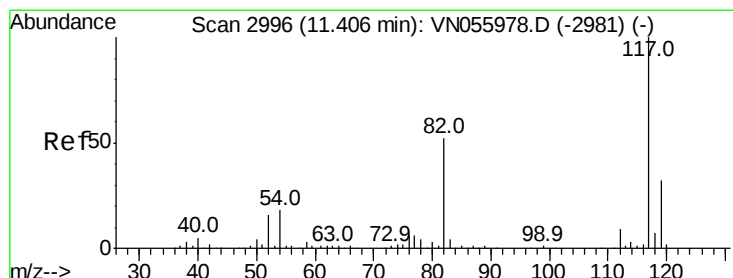
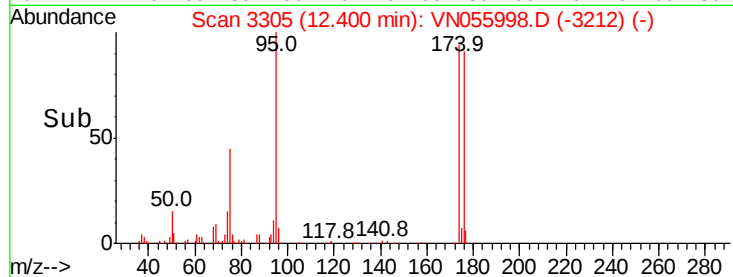
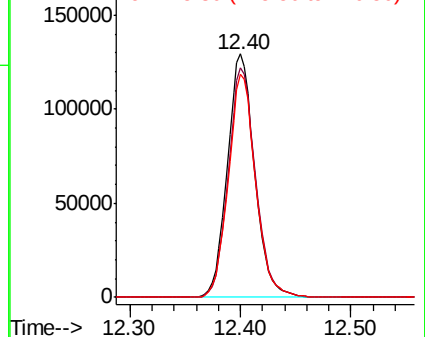
176 91.9 0.0 185.2



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: VN055998.D

Acq: 5 Jun 2019 10:21

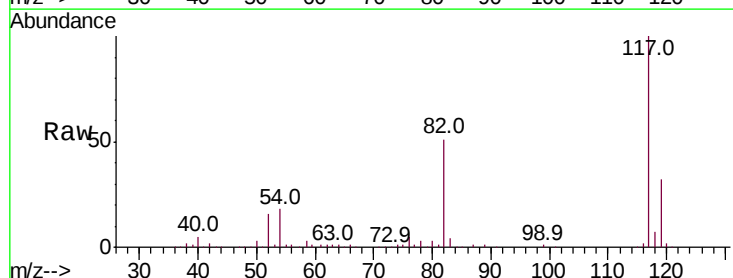
Tgt Ion: 117 Resp: 540550

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

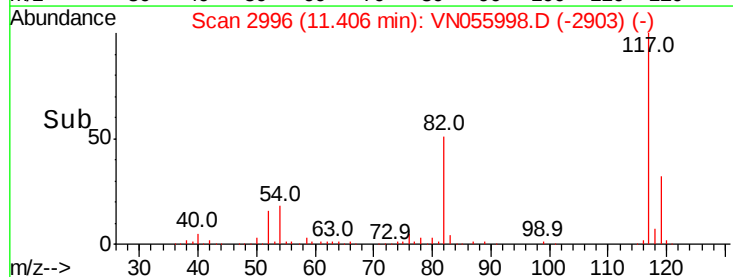
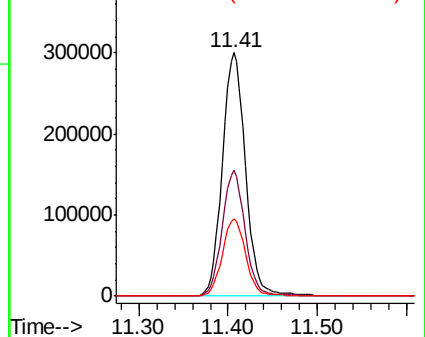
119 31.9 25.4 38.0

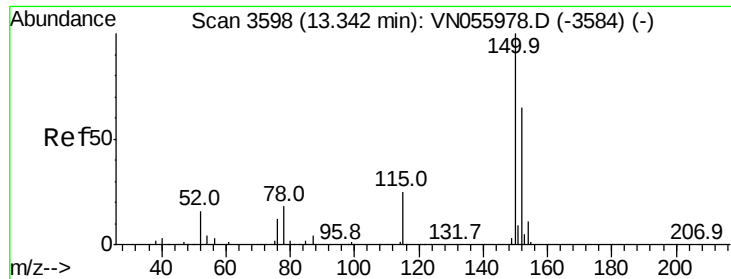


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN055998.D

Acq: 5 Jun 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

PB120319TB

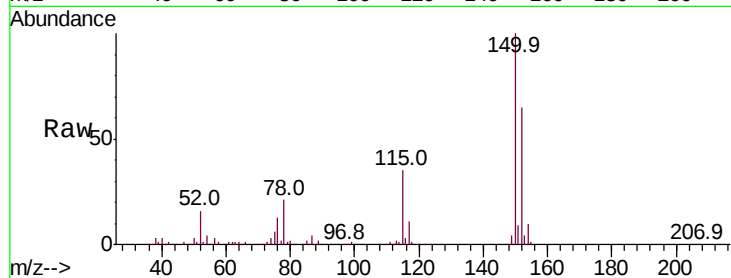
Tot Ion:152 Resp: 175040

Ion Ratio Lower Upper

152 100

115 53.3 27.0 81.0

150 155.4 0.0 343.2



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

