

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053842.D
 Acq On : 18 Feb 2019 14:48
 Operator : JC/SP
 Sample : PB117159ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#06

Quant Time: Feb 19 03:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

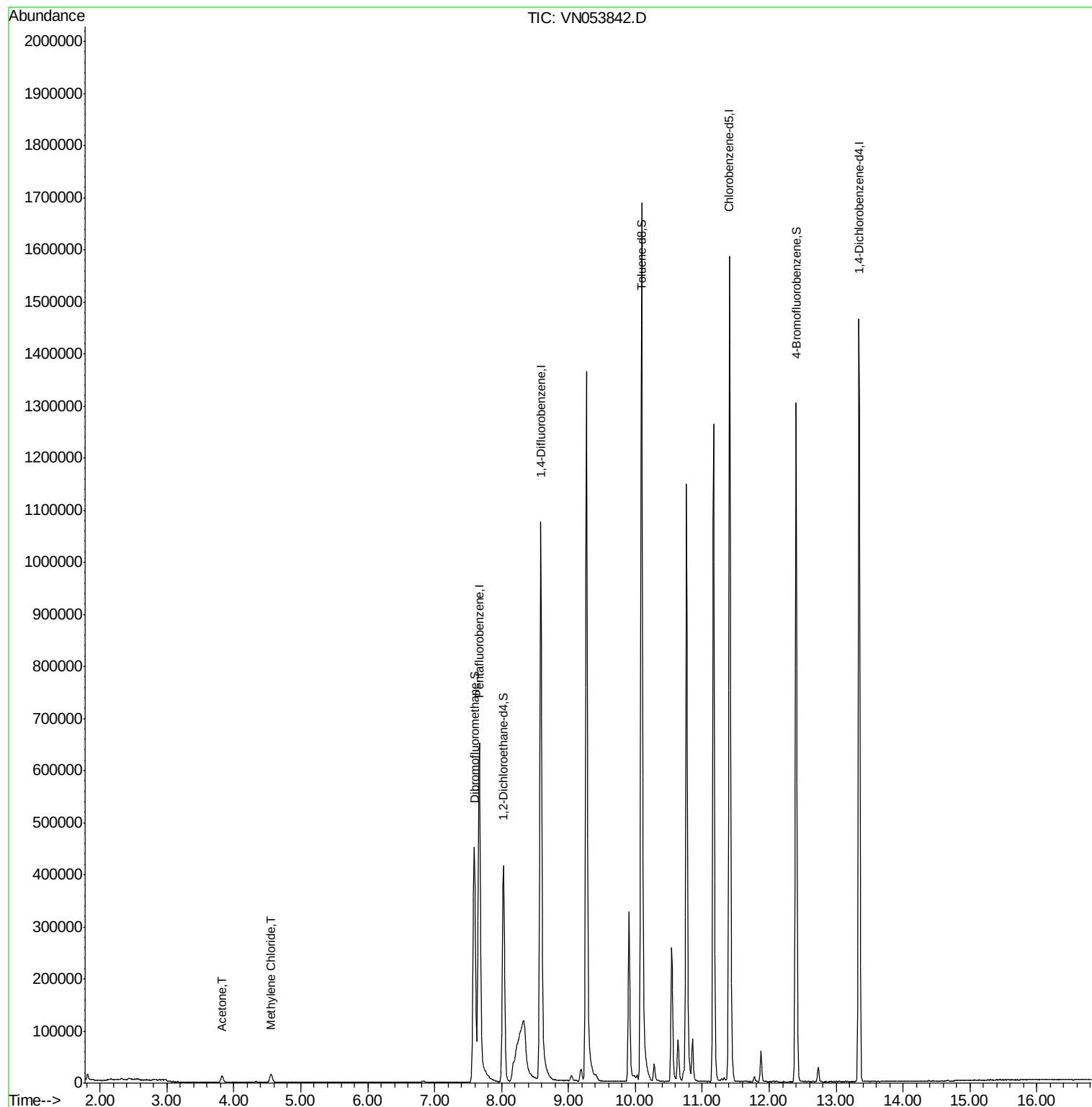
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1122167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1049719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	432159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357411	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	7.59	113	357923	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.09	98	1368053	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.40	95	456479	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
Target Compounds						
16) Acetone	3.82	43	22172	12.997	ug/l	99
20) Methylene Chloride	4.55	84	12132	1.695	ug/l	95

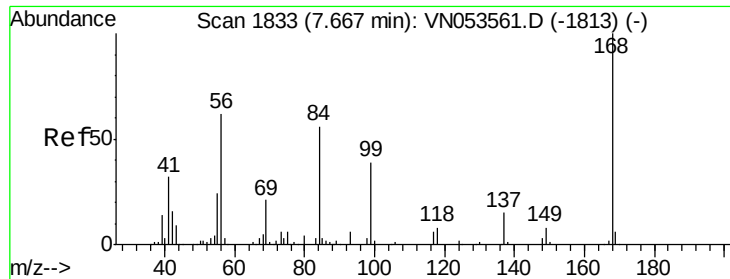
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053842.D

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Instrument :

MSVOA_N

ClientSampleId :

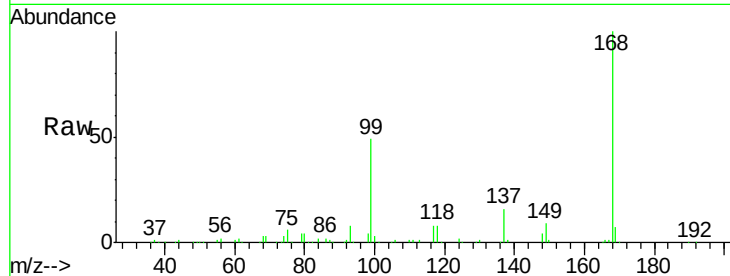
PB117159ZHE#06

Tot Ion:168 Resp: 662974

Ion Ratio Lower Upper

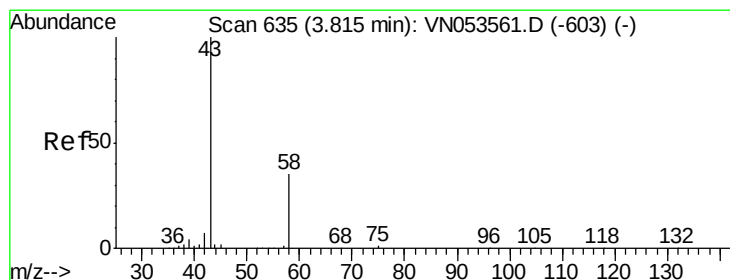
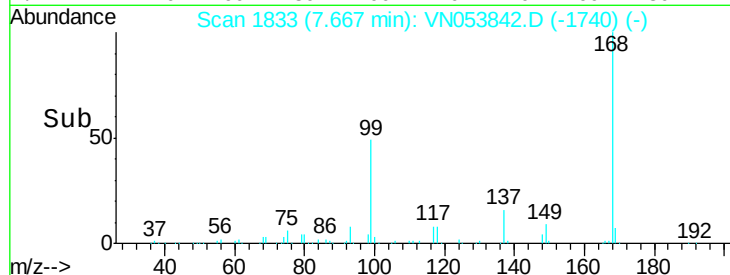
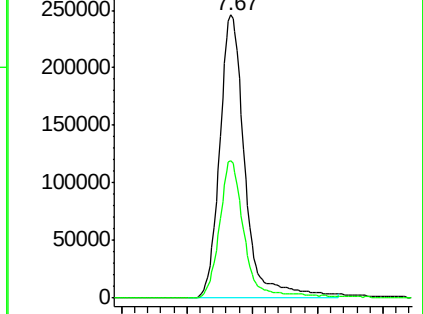
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.997 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053842.D

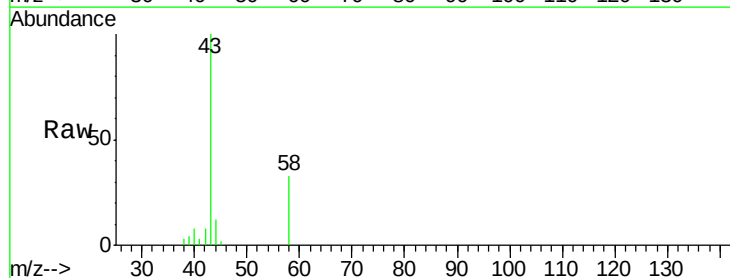
Acq: 18 Feb 2019 14:48

Tgt Ion: 43 Resp: 22172

Ion Ratio Lower Upper

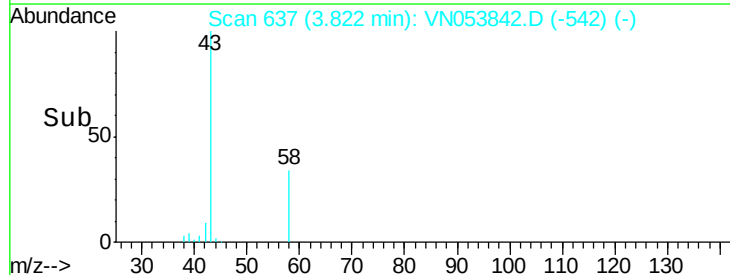
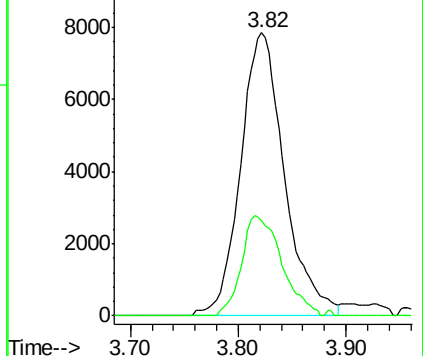
43 100

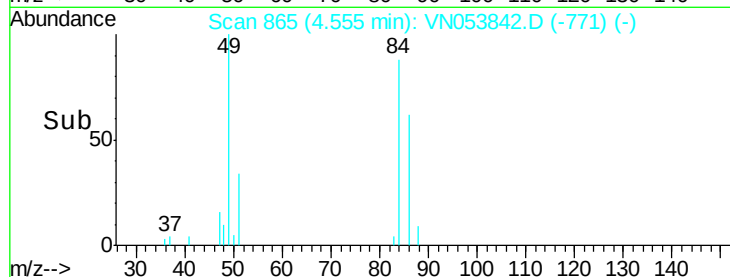
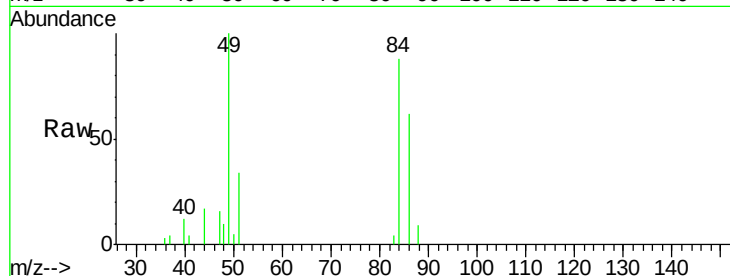
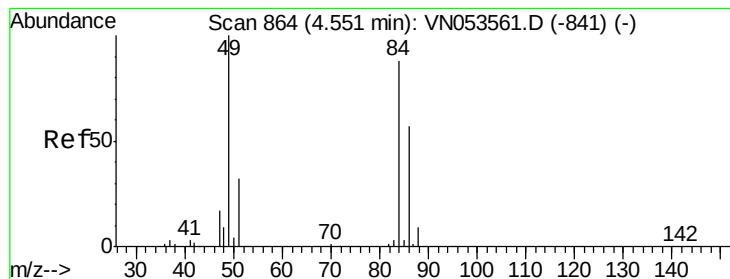
58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.695 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#06

Tot Ion: 84 Resp: 12132

Ion Ratio Lower Upper

84 100

49 113.6 94.3 141.5

51 38.7 29.4 44.2

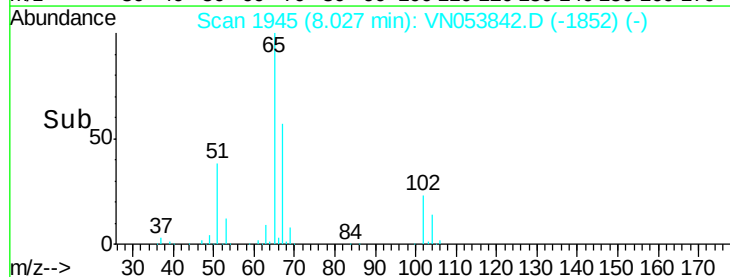
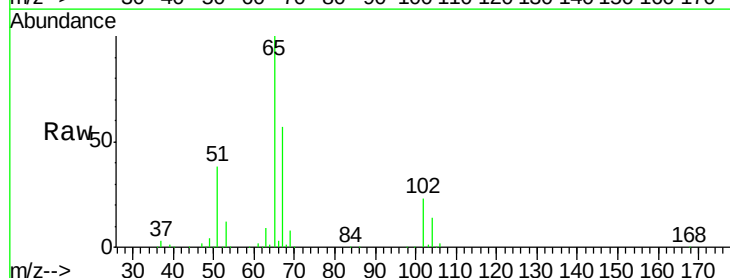
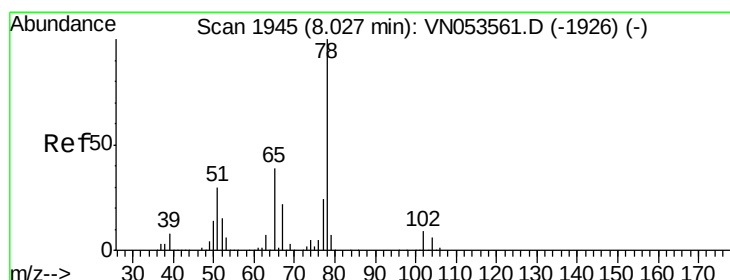
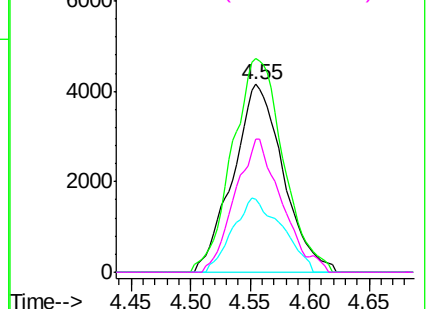
86 71.0 51.4 77.0

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: 53.739 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

Tgt Ion: 65 Resp: 357411

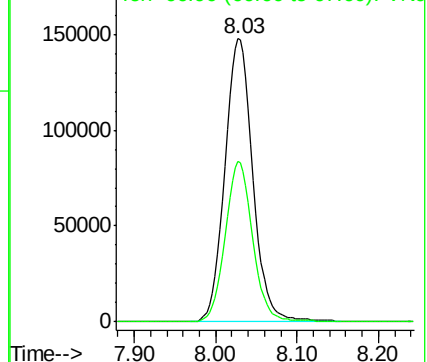
Ion Ratio Lower Upper

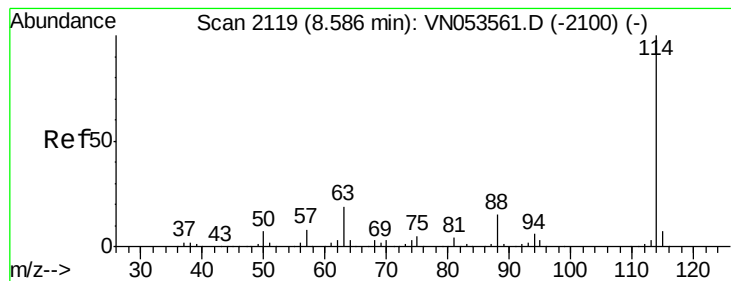
65 100

67 55.5 0.0 111.2

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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#06

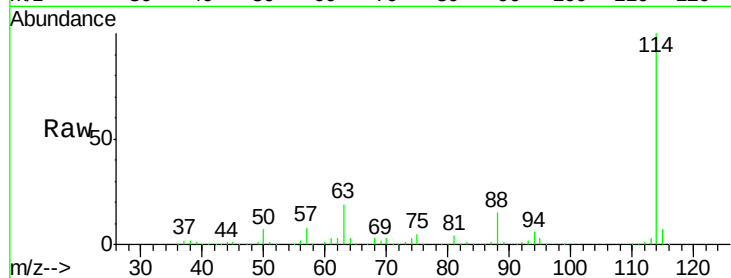
Tot Ion:114 Resp: 1122167

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

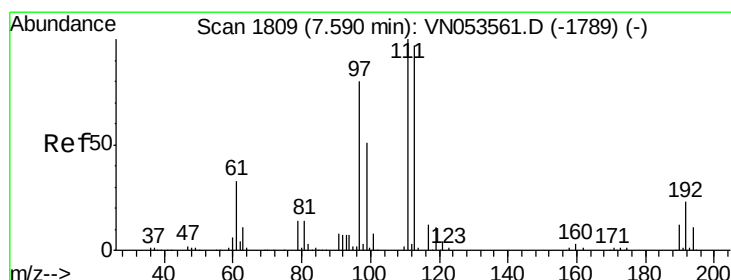
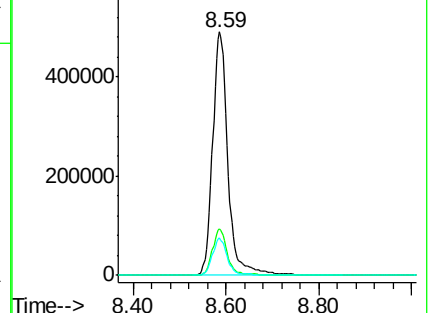
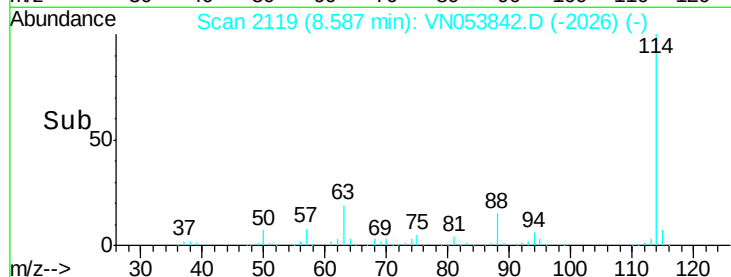
88 15.3 0.0 30.4



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: 50.478 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

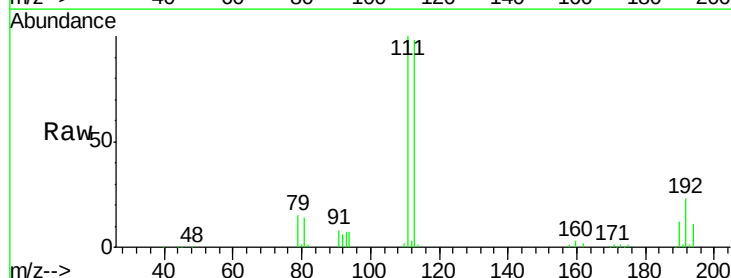
Tgt Ion:113 Resp: 357923

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

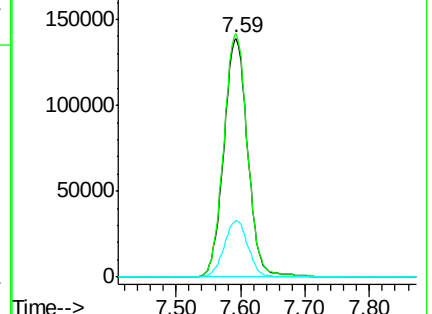
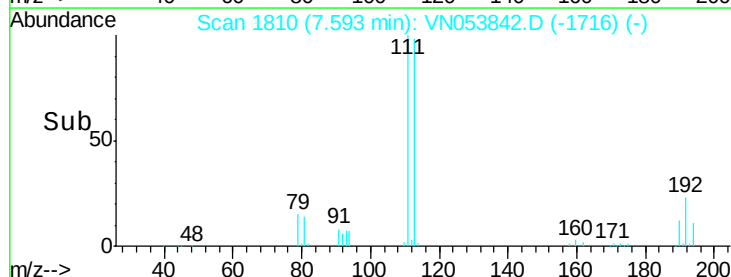
192 23.6 18.2 27.2

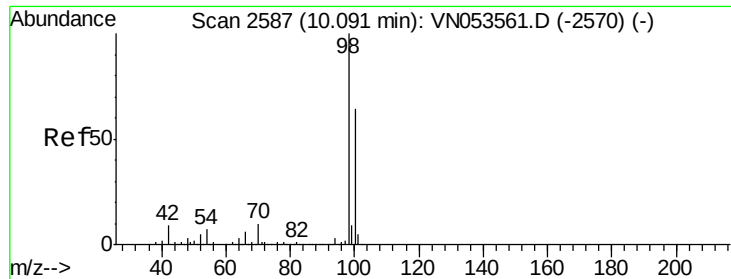


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.384 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

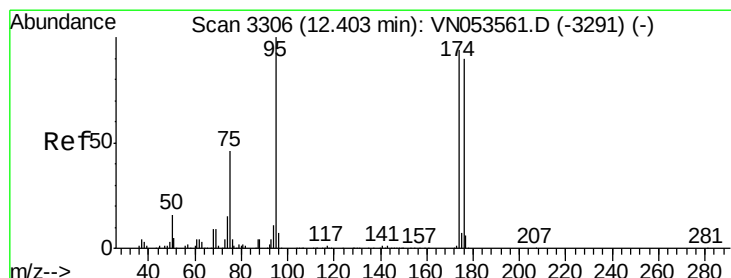
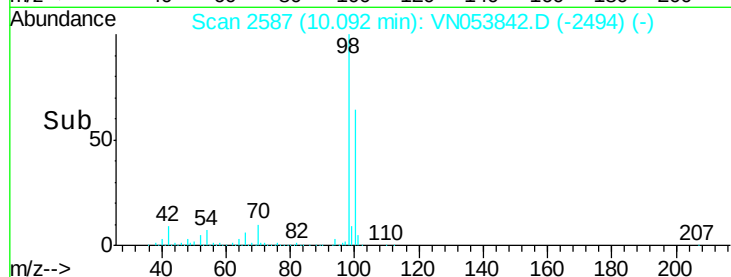
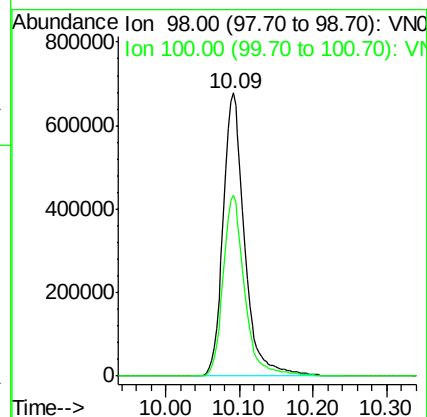
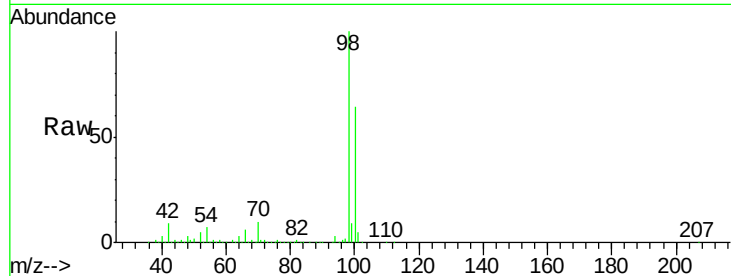
PB117159ZHE#06

Tot Ion: 98 Resp: 1368053

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 51.408 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

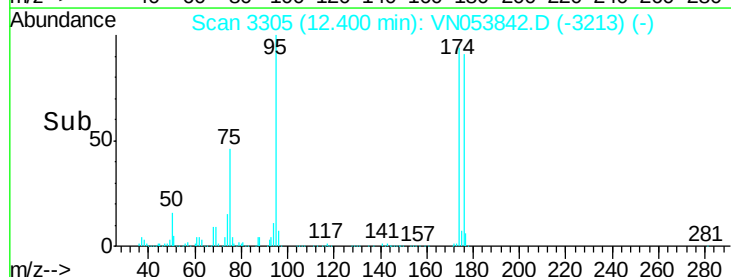
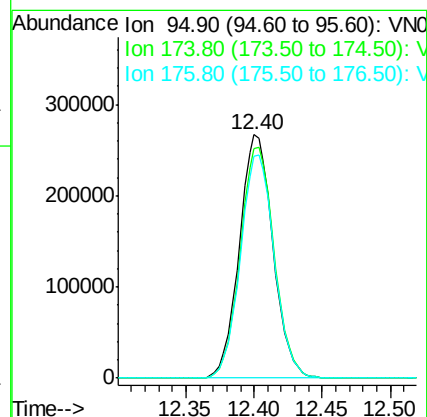
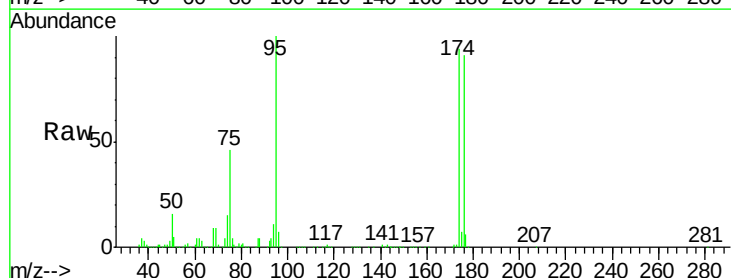
Tgt Ion: 95 Resp: 456479

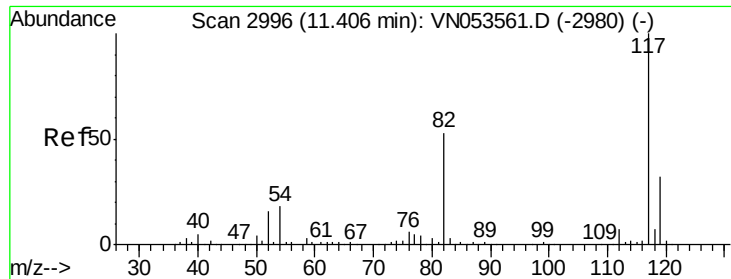
Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.2

176 92.5 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#06

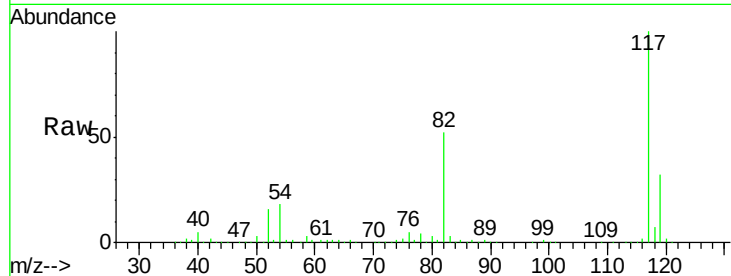
Tot Ion:117 Resp: 1049719

Ion Ratio Lower Upper

117 100

82 52.3 42.9 64.3

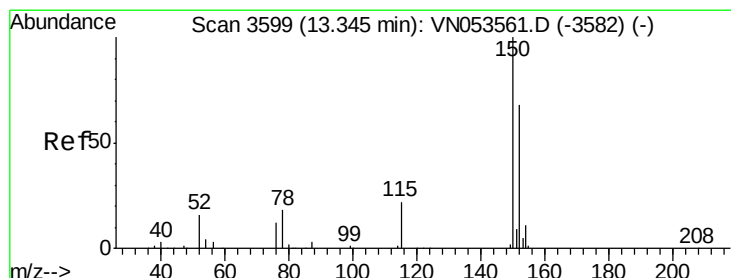
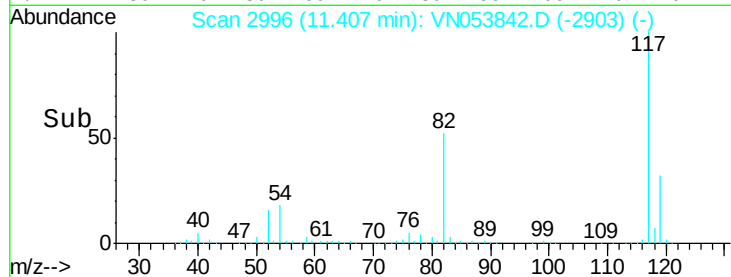
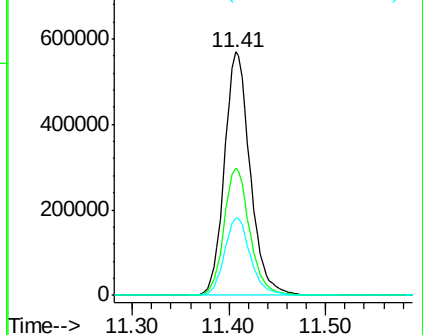
119 31.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053842.D

Acq: 18 Feb 2019 14:48

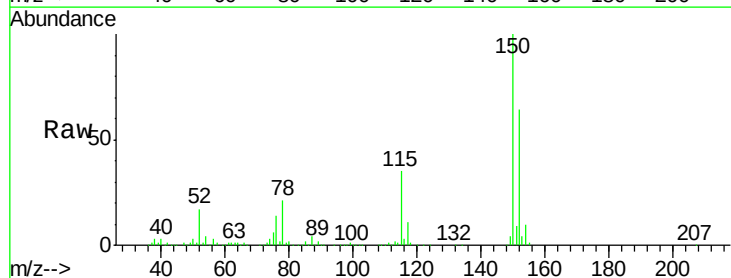
Tgt Ion:152 Resp: 432159

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 156.7 0.0 349.0



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

