

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053392.D
 Acq On : 14 Jan 2019 15:31
 Operator : JC/SP
 Sample : PB116342ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116342ZHE#05

Quant Time: Jan 14 23:40:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

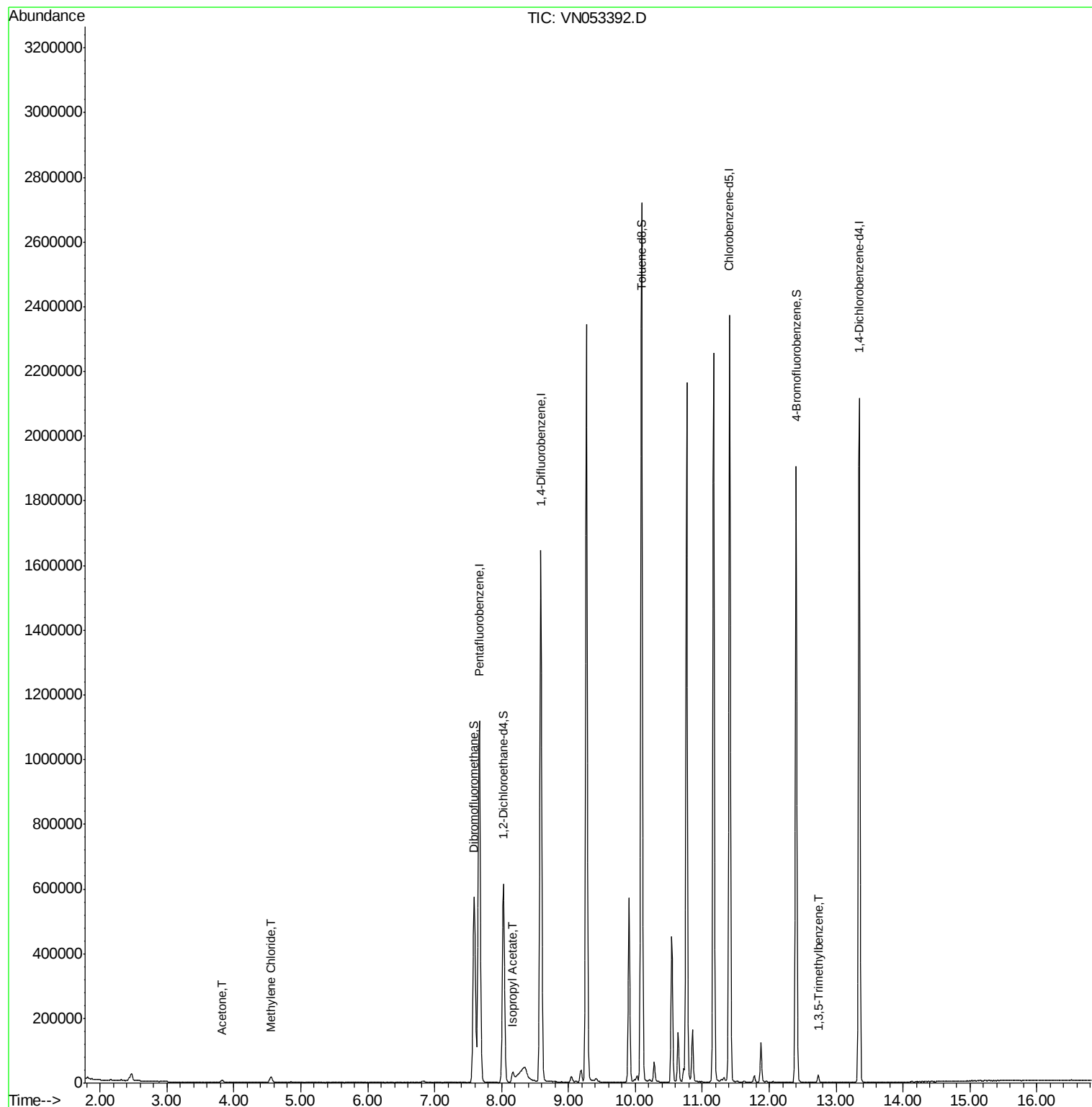
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	989715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1543221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1449516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	503441	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	444570	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.09	98	1922021	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	665919	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						
16) Acetone	3.82	43	13389	3.196	ug/l	98
20) Methylene Chloride	4.55	84	13294	1.202	ug/l	99
43) Isopropyl Acetate	8.17	43	46486	2.518	ug/l #	83
80) 1,3,5-Trimethylbenzene	12.73	105	10632	0.293	ug/l	98

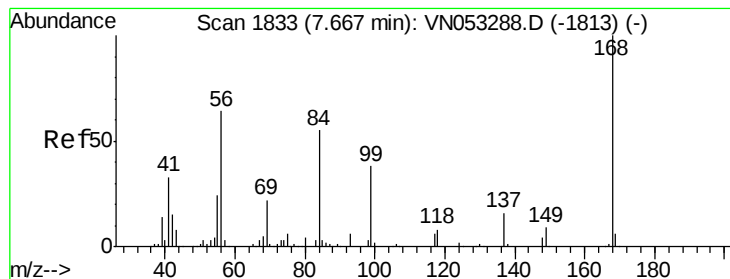
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 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: VN053392.D

Acq: 14 Jan 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

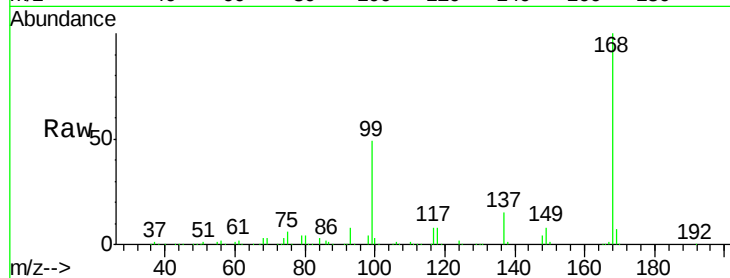
PB116342ZHE#05

Tot Ion:168 Resp: 989715

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053392.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053392.D (-1740) (-)

7.67

400000

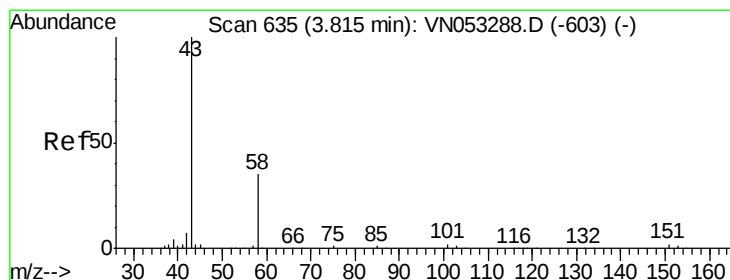
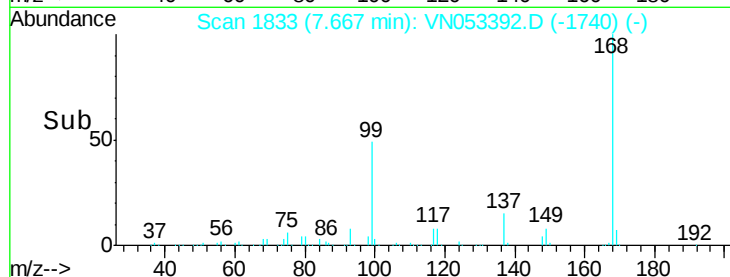
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.196 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053392.D

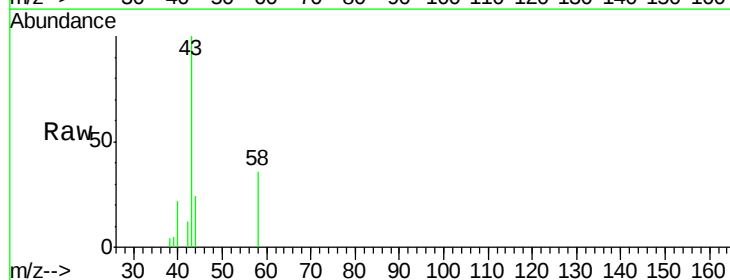
Acq: 14 Jan 2019 15:31

Tgt Ion: 43 Resp: 13389

Ion Ratio Lower Upper

43 100

58 35.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053392.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053392.D (-541) (-)

3.82

5000

4000

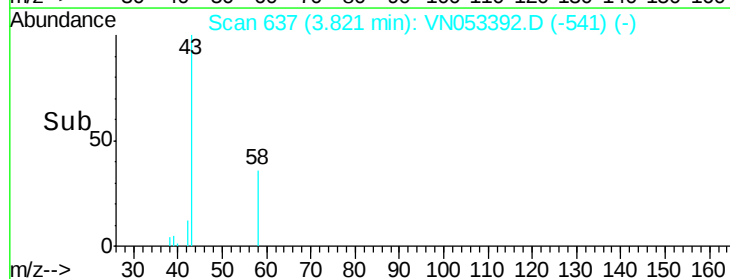
3000

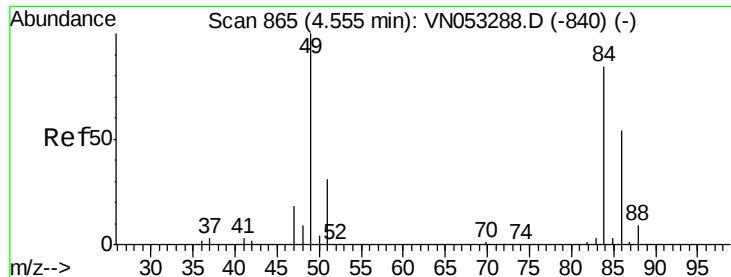
2000

1000

0

Time-->

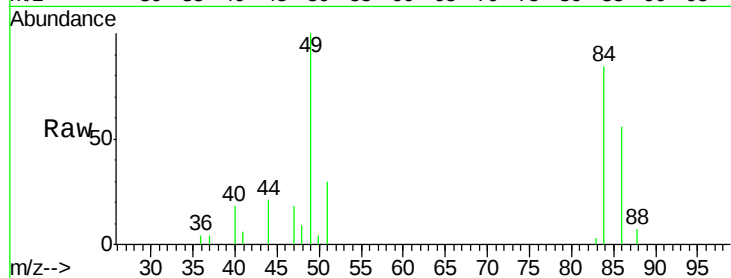




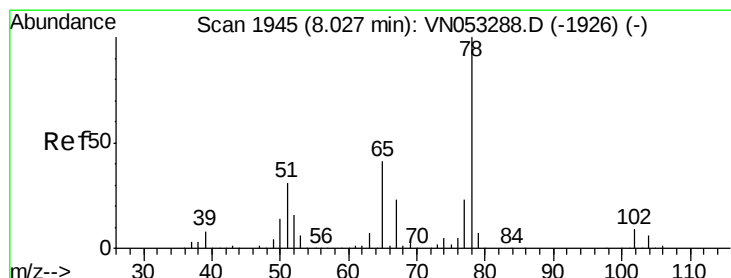
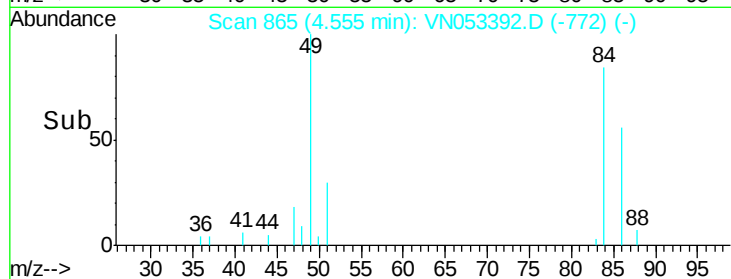
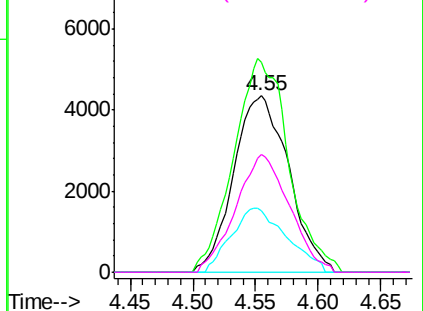
#20
Methylene Chloride
Concen: 1.202 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053392.D
Acq: 14 Jan 2019 15:31

Instrument :
MSVOA_N
ClientSampleId :
PB116342ZHE#05

Tot Ion: 84 Resp: 13294
Ion Ratio Lower Upper
84 100
49 119.2 95.3 142.9
51 35.2 29.0 43.6
86 67.1 51.7 77.5

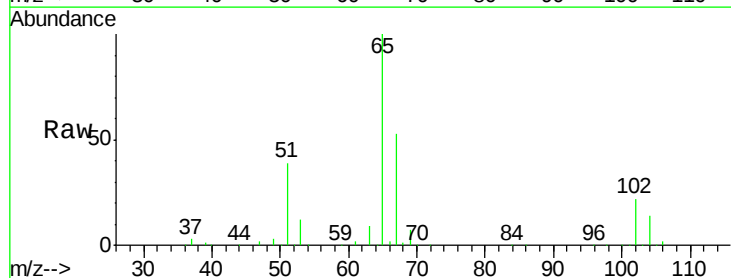


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

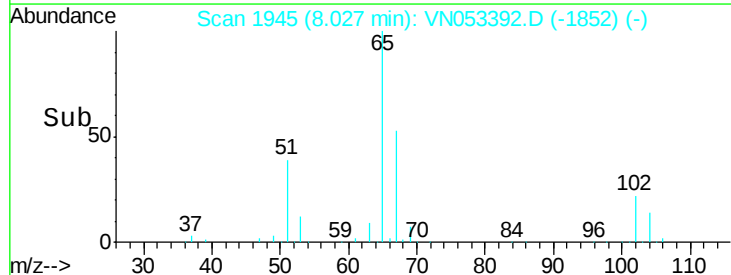
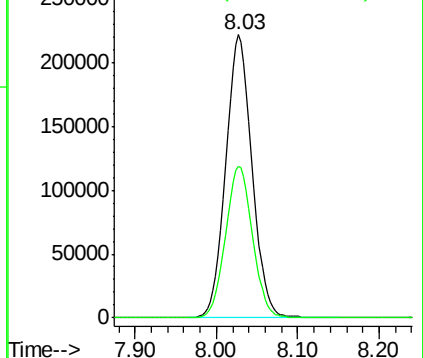


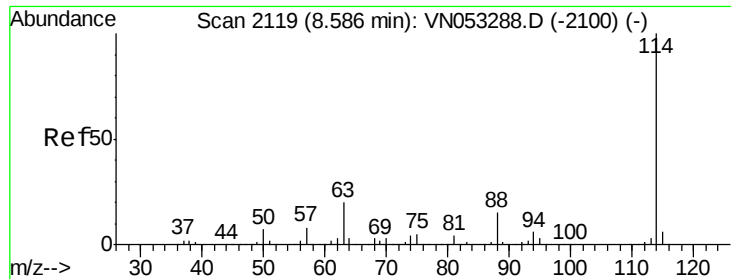
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053392.D
Acq: 14 Jan 2019 15:31

Tgt Ion: 65 Resp: 503441
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

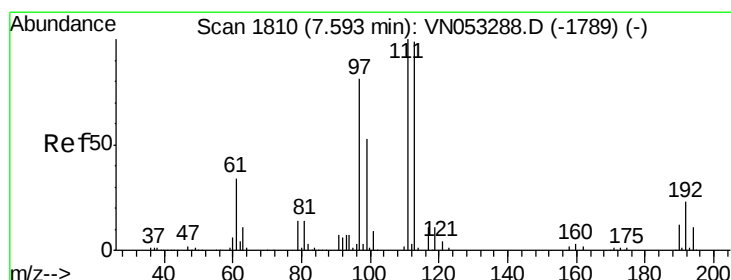
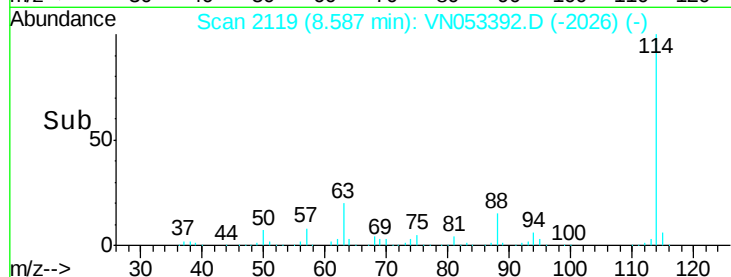
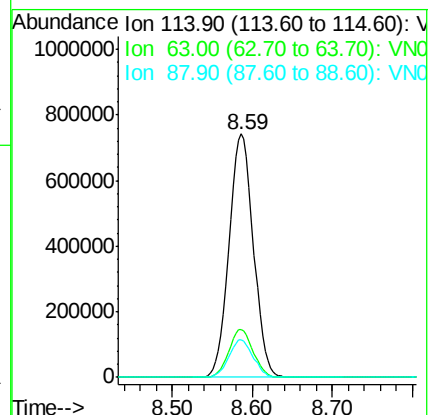
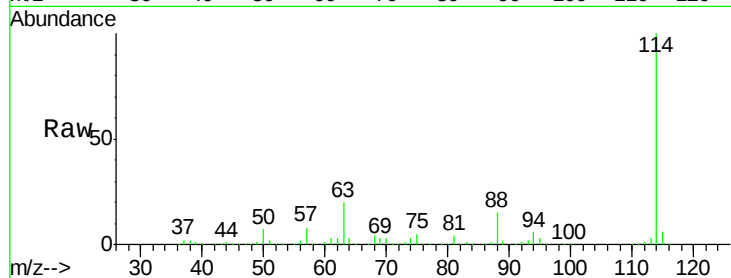




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053392.D
 Acq: 14 Jan 2019 15:31

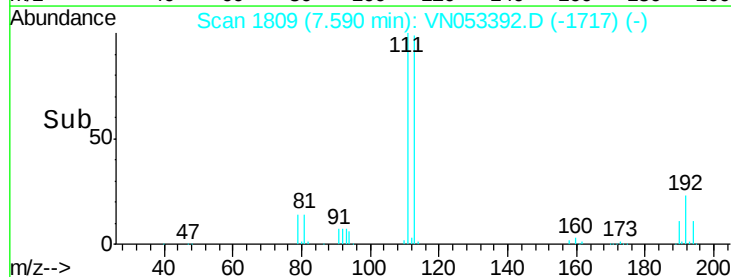
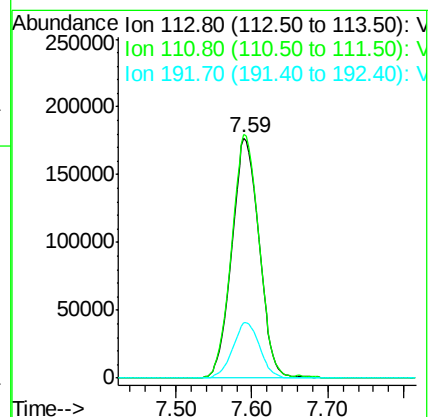
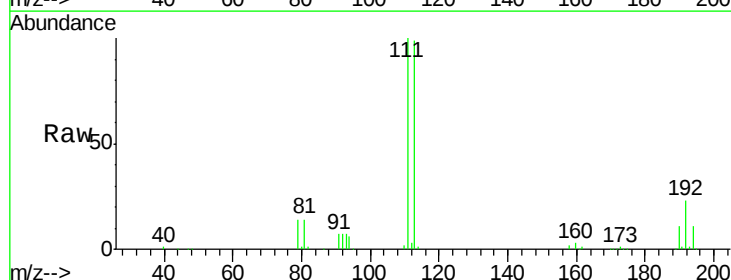
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116342ZHE#05

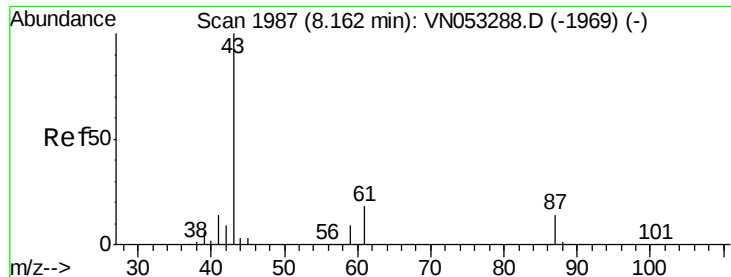
Tot Ion:114 Resp: 1543221
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.5 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053392.D
 Acq: 14 Jan 2019 15:31

Tgt Ion:113 Resp: 444570
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.2
 192 22.8 17.9 26.9





#43

Isopropyl Acetate

Concen: 2.518 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053392.D

Acq: 14 Jan 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

PB116342ZHE#05

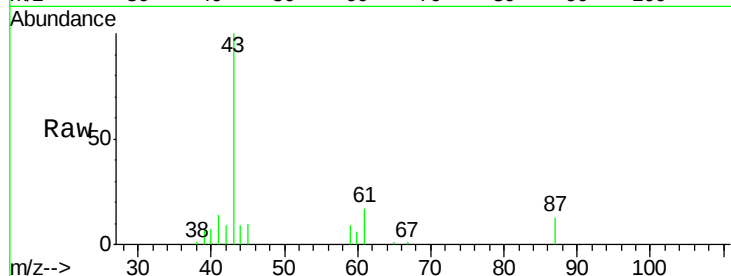
Tot Ion: 43 Resp: 46486

Ion Ratio Lower Upper

43 100

61 17.3 23.3 34.9#

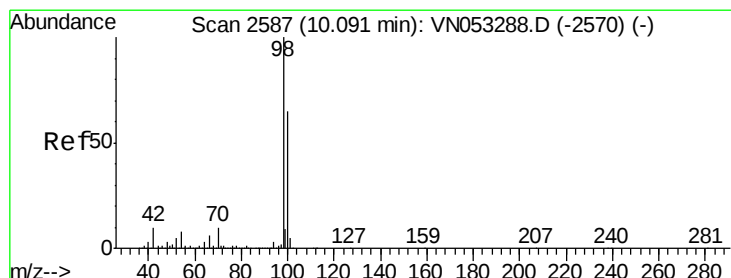
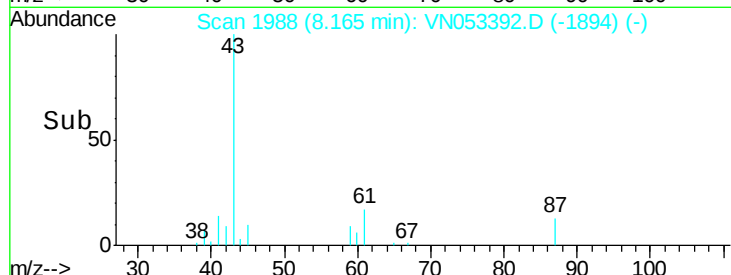
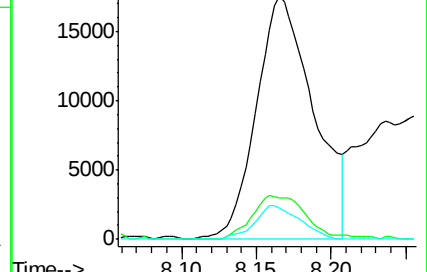
87 11.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053392.D

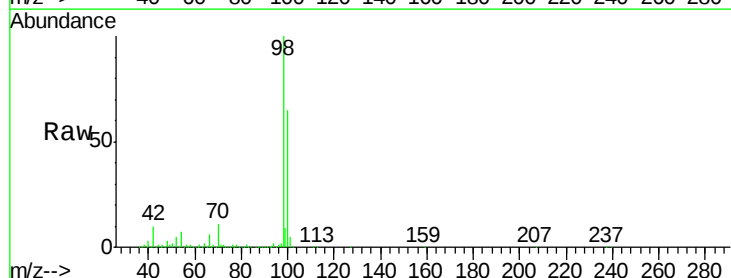
Acq: 14 Jan 2019 15:31

Tgt Ion: 98 Resp: 1922021

Ion Ratio Lower Upper

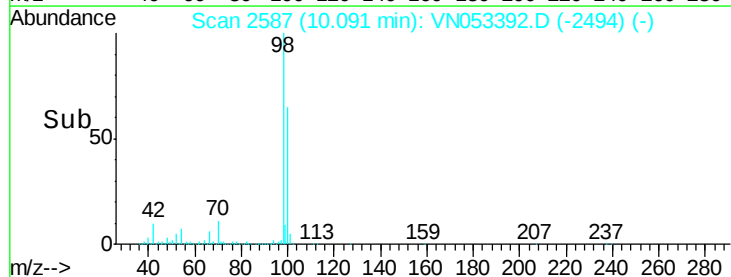
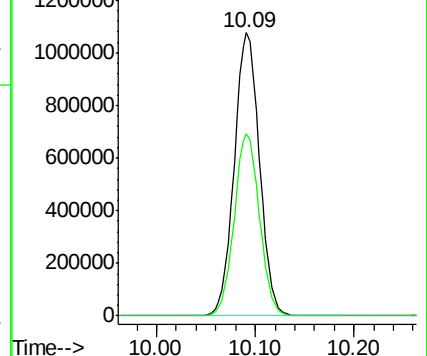
98 100

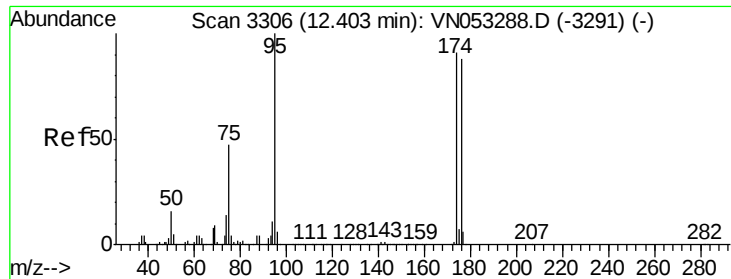
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053392.D

Acq: 14 Jan 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

PB116342ZHE#05

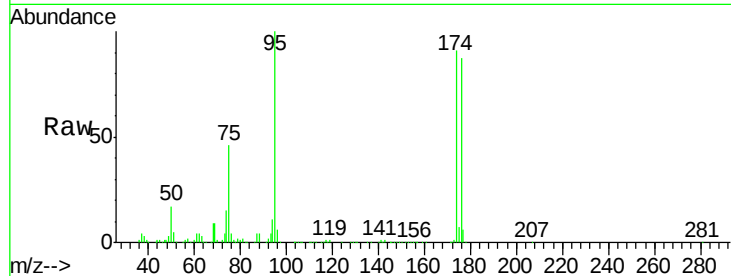
Tot Ion: 95 Resp: 665919

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.4

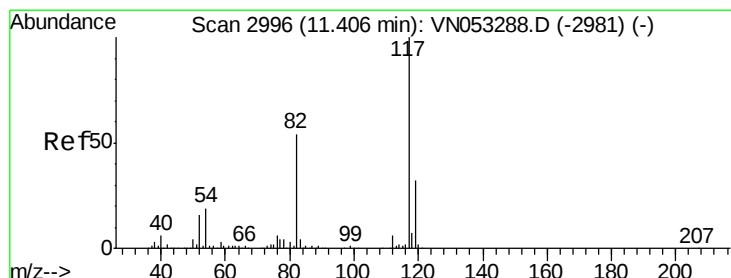
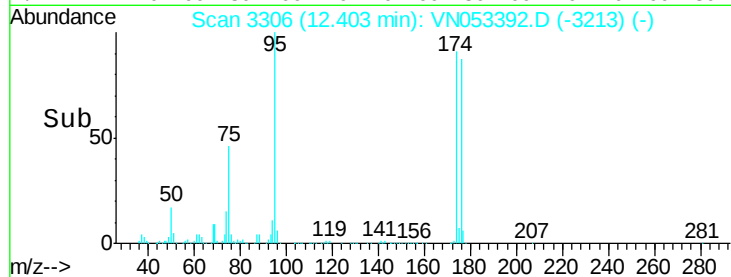
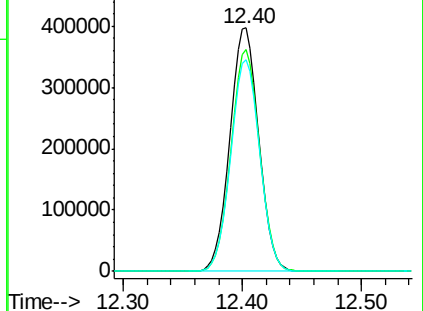
176 87.3 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053392.D

Acq: 14 Jan 2019 15:31

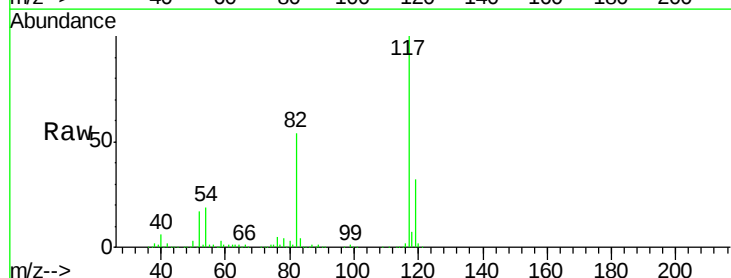
Tgt Ion: 117 Resp: 1449516

Ion Ratio Lower Upper

117 100

82 54.2 42.9 64.3

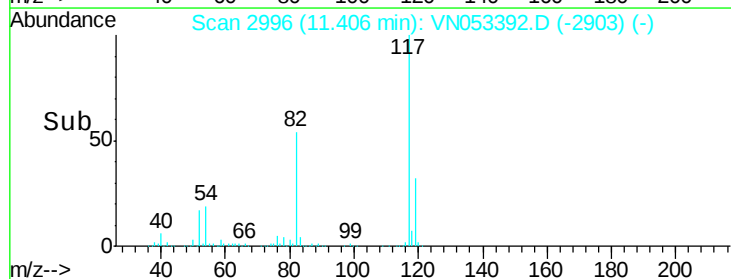
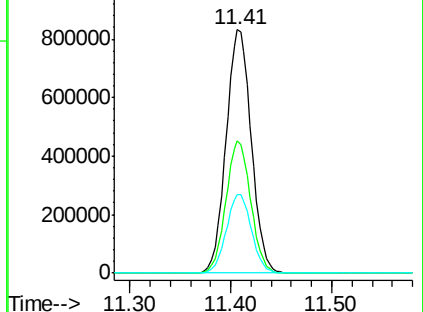
119 32.3 25.6 38.4

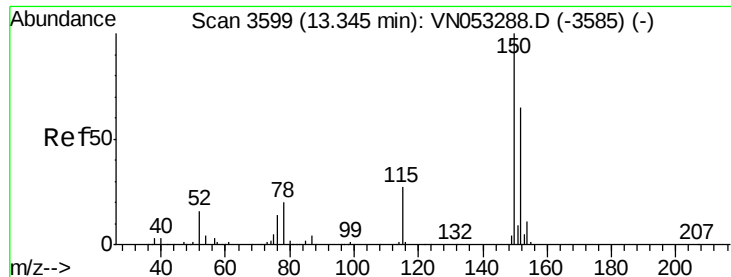


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053392.D

Acq: 14 Jan 2019 15:31

Instrument :

MSVOA_N

ClientSampleId :

PB116342ZHE#05

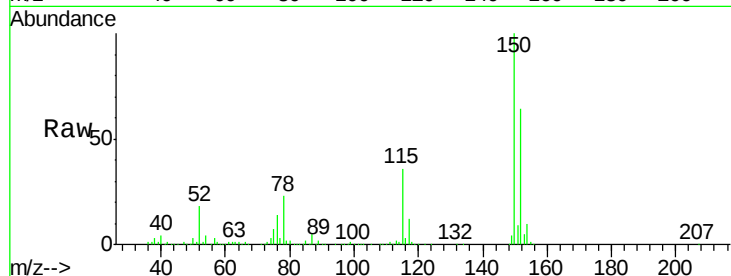
Tot Ion:152 Resp: 605500

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

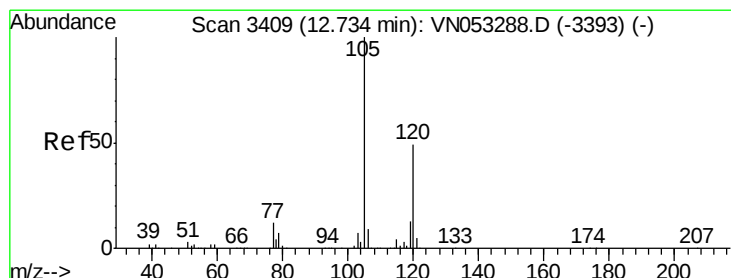
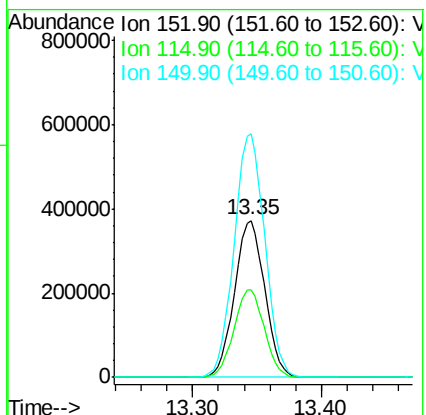
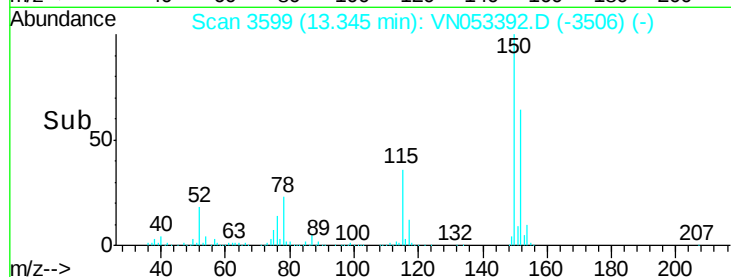
150 157.7 0.0 346.6



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



#80

1,3,5-Trimethylbenzene

Concen: 0.293 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053392.D

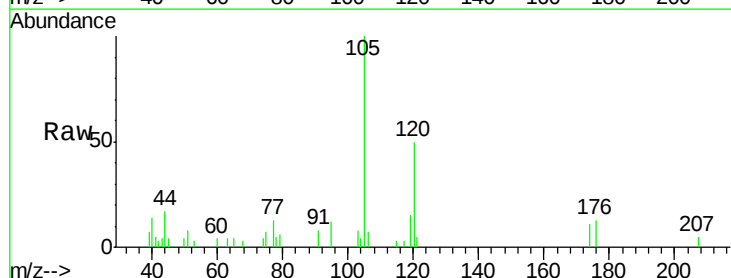
Acq: 14 Jan 2019 15:31

Tgt Ion:105 Resp: 10632

Ion Ratio Lower Upper

105 100

120 48.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

