

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053422.D
 Acq On : 16 Jan 2019 13:54
 Operator : JC/SP
 Sample : PB116405ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#05

Quant Time: Jan 17 04:18:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

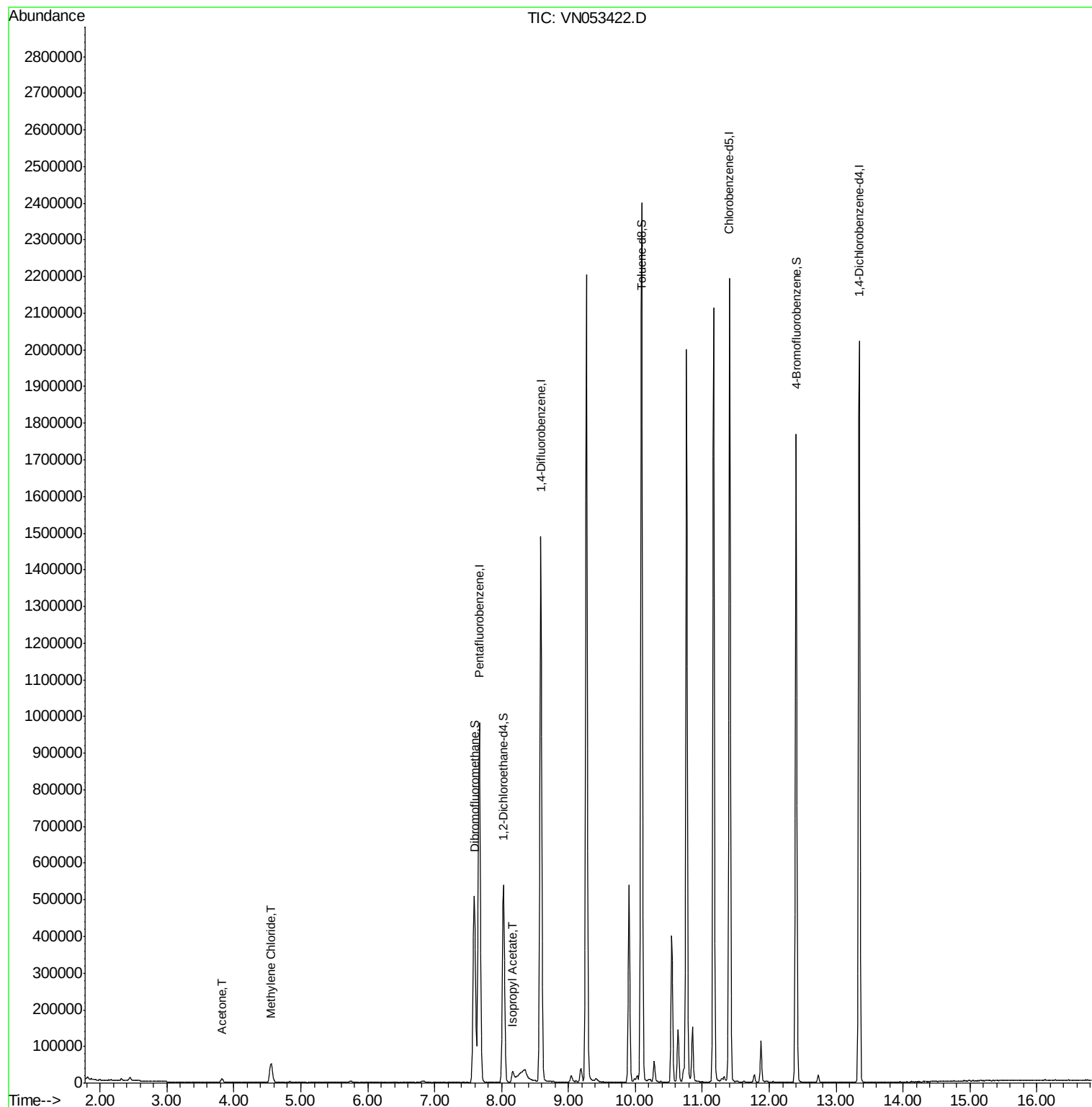
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	886387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1387918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1327768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	583528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	450220	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	395041	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.09	98	1735510	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	604014	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
Target Compounds						
16) Acetone	3.82	43	17802	8.661	ug/l	99
20) Methylene Chloride	4.55	84	41776	4.452	ug/l	97
43) Isopropyl Acetate	8.17	43	43899	3.357	ug/l #	82

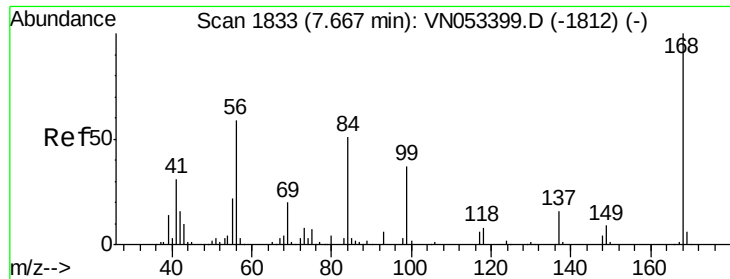
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

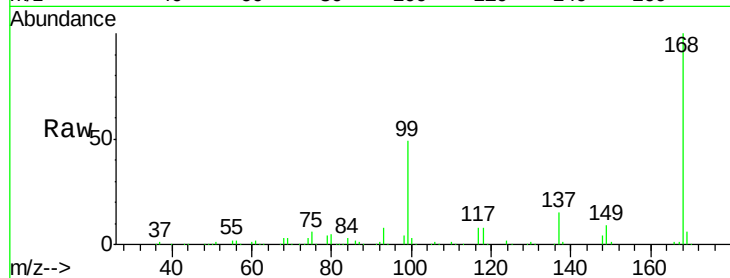
PB116405ZHE#05

Tot Ion:168 Resp: 886387

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

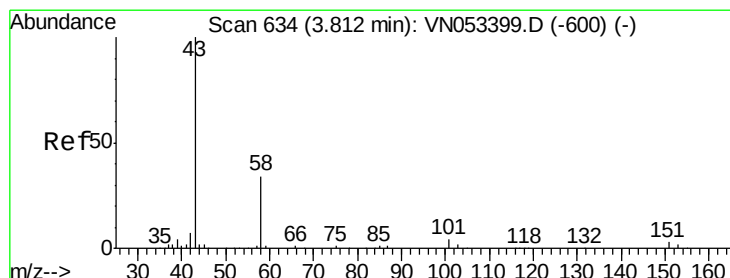
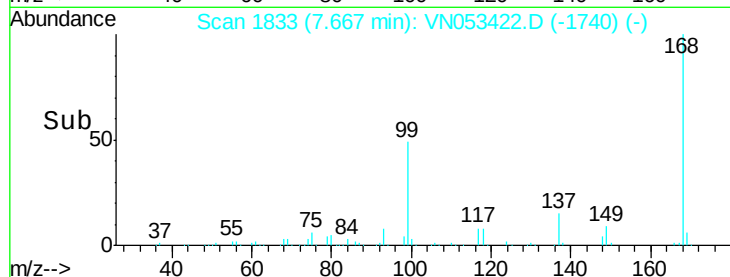
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.661 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053422.D

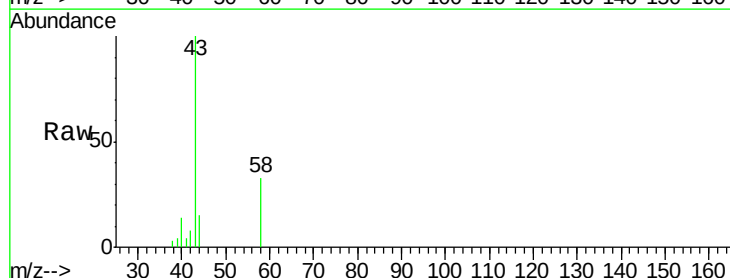
Acq: 16 Jan 2019 13:54

Tgt Ion: 43 Resp: 17802

Ion Ratio Lower Upper

43 100

58 33.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

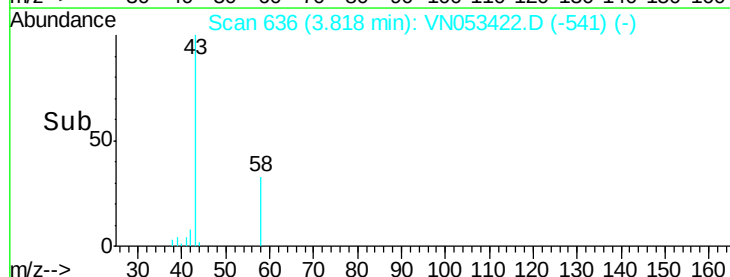
6000

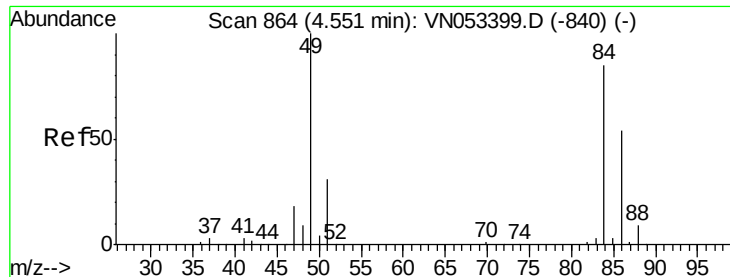
4000

2000

0

Time-->

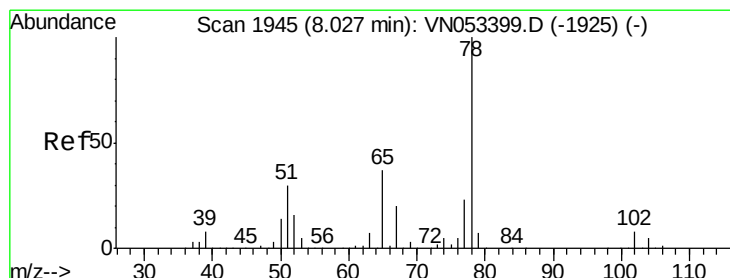
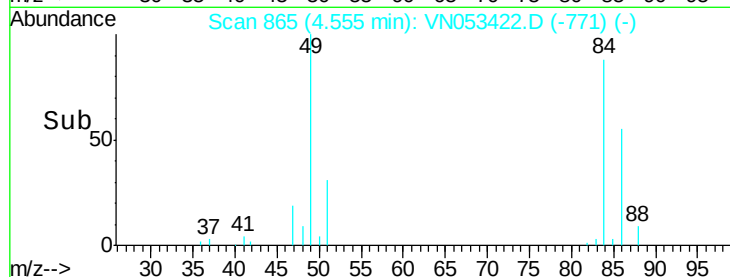
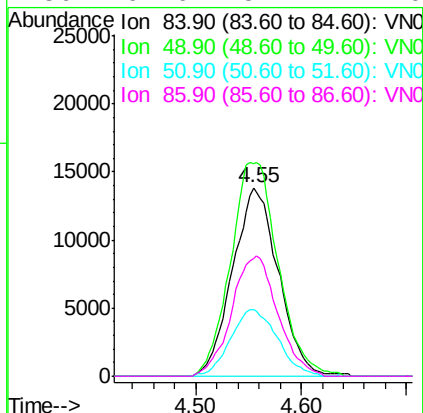
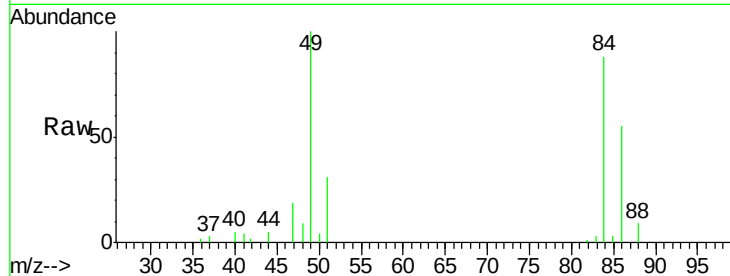




#20
Methylene Chloride
Concen: 4.452 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

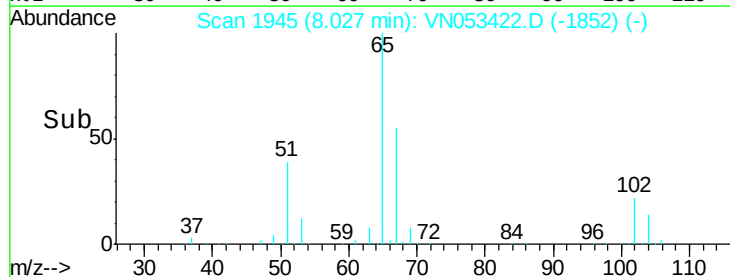
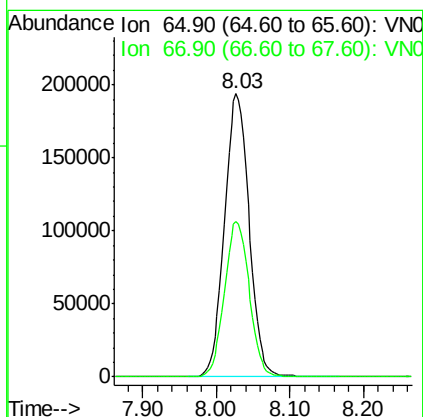
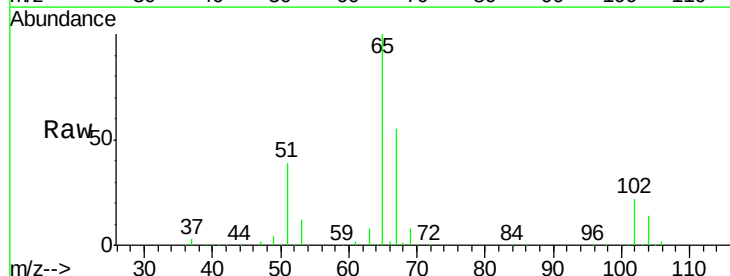
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#05

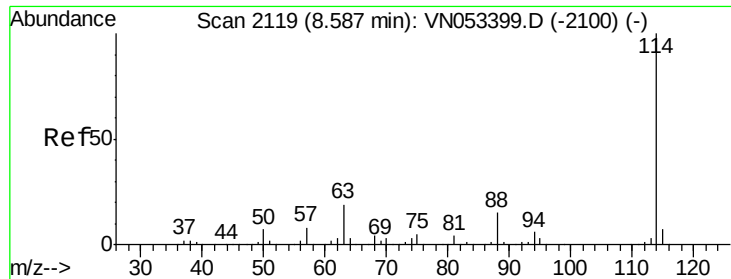
Tot Ion: 84 Resp: 41776
Ion Ratio Lower Upper
84 100
49 113.1 94.3 141.5
51 35.6 29.4 44.2
86 62.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

Tgt Ion: 65 Resp: 450220
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.2

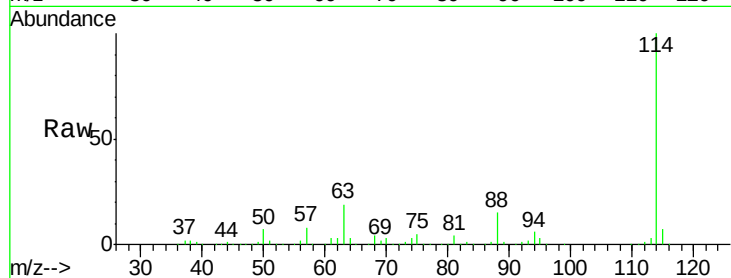




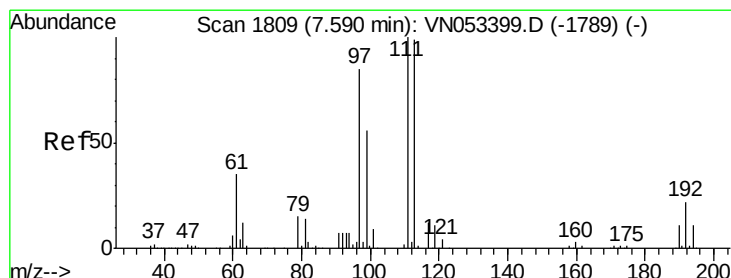
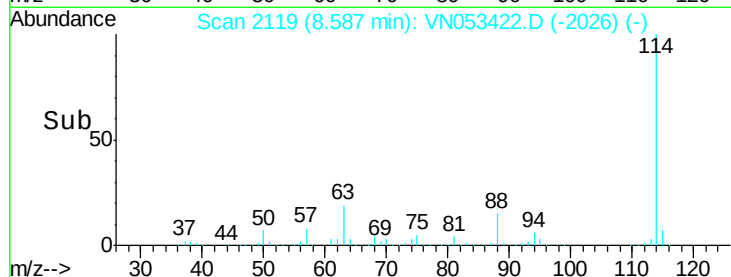
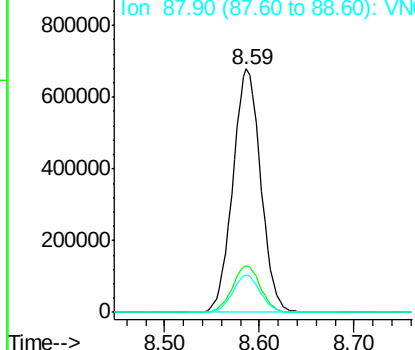
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#05

Tot Ion:114 Resp: 1387918
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.4

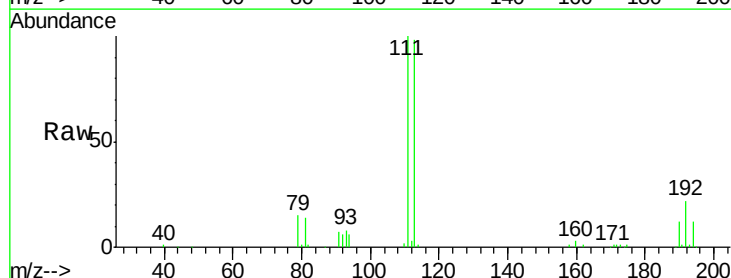


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

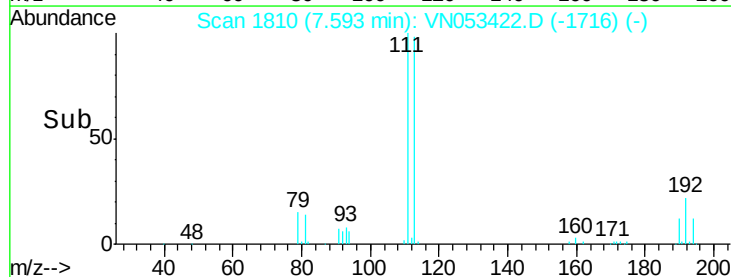
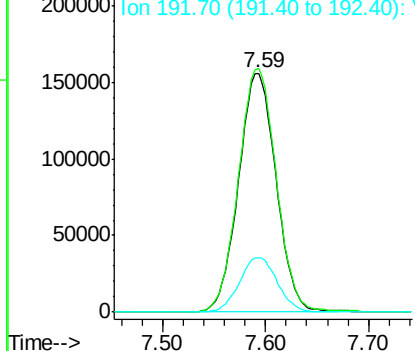


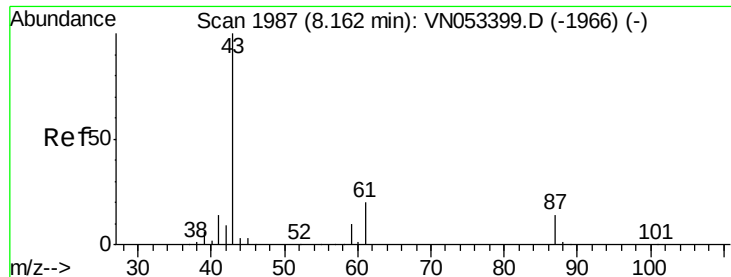
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Tgt Ion:113 Resp: 395041
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 22.9 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





#43

Isopropyl Acetate

Concen: 3.357 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

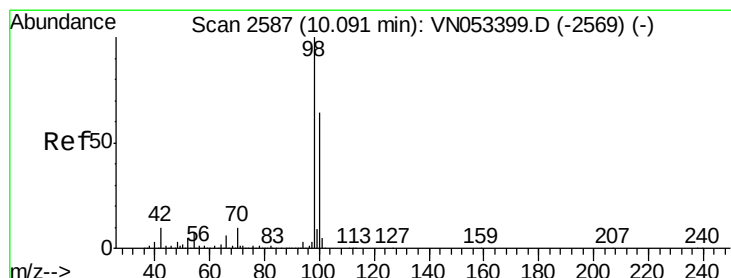
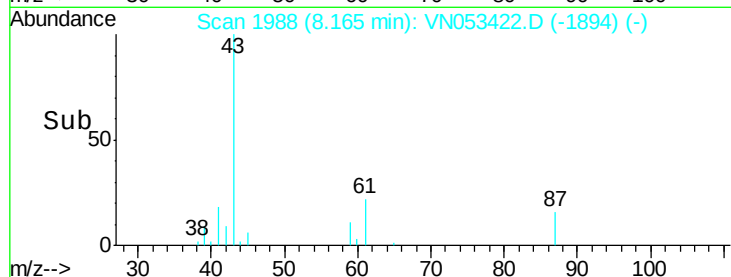
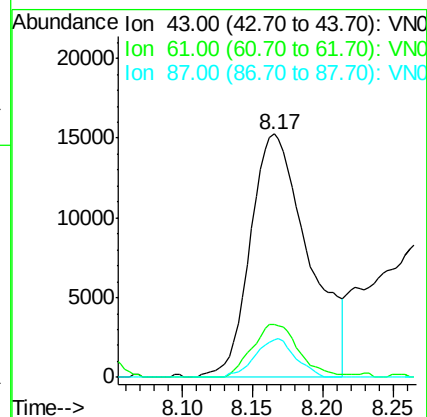
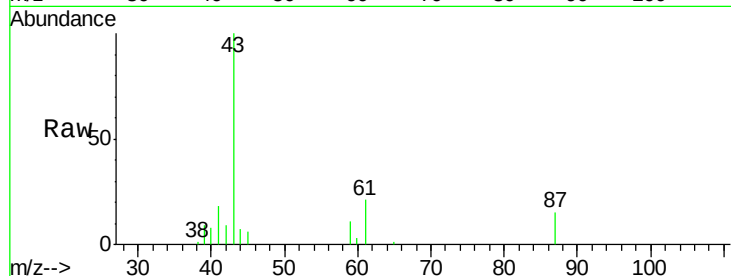
Tot Ion: 43 Resp: 43899

Ion Ratio Lower Upper

43 100

61 17.6 23.9 35.9#

87 11.0 11.0 16.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053422.D

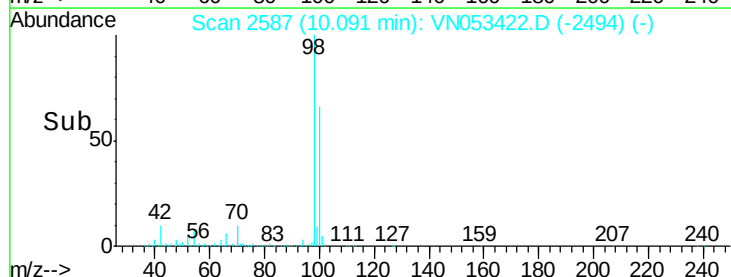
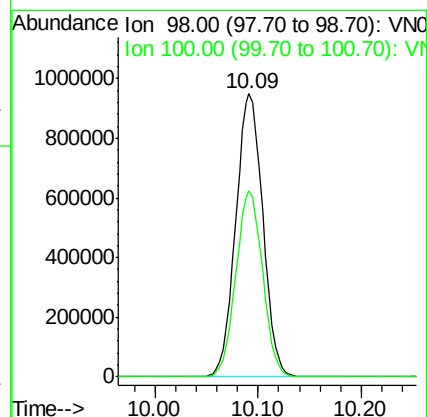
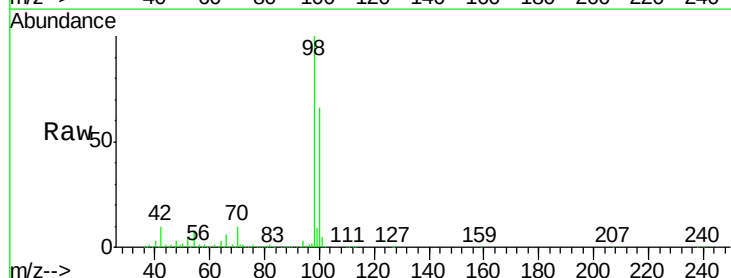
Acq: 16 Jan 2019 13:54

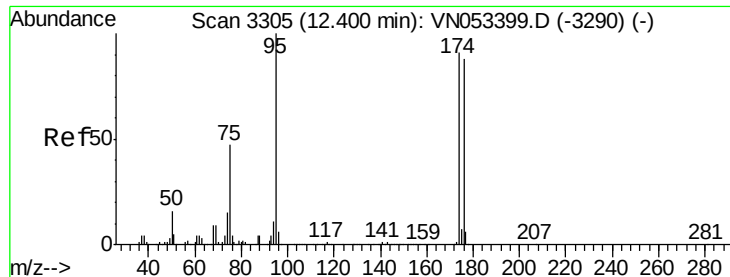
Tgt Ion: 98 Resp: 1735510

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

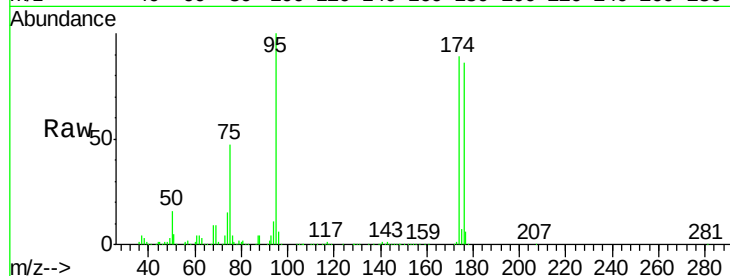
Tot Ion: 95 Resp: 604014

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

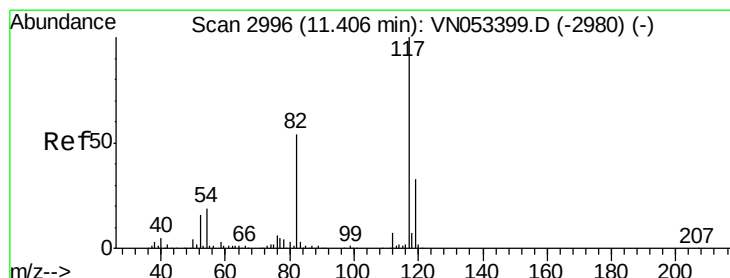
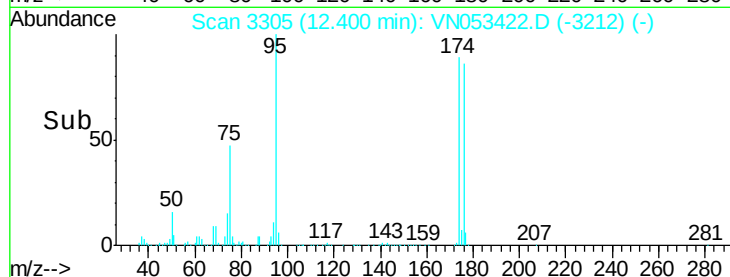
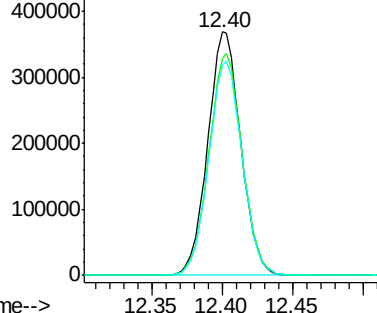
176 88.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

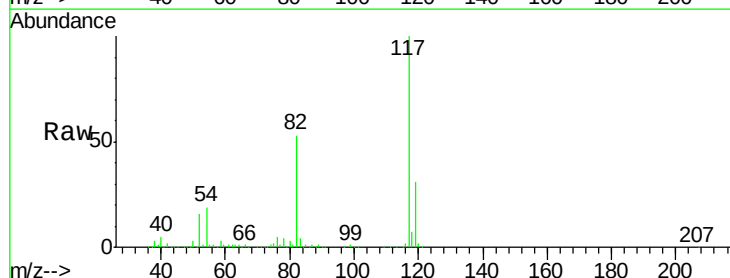
Tgt Ion: 117 Resp: 1327768

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

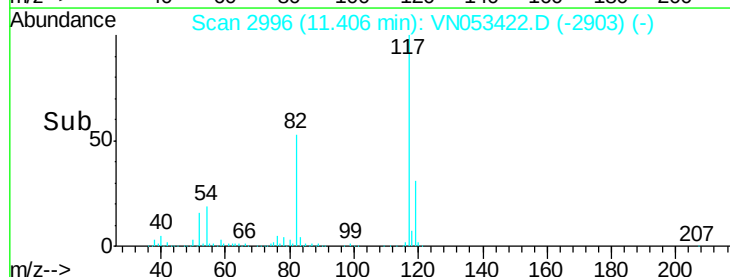
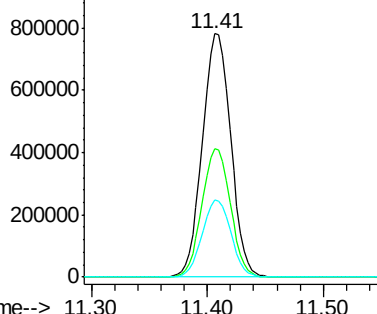
119 31.5 26.0 39.0

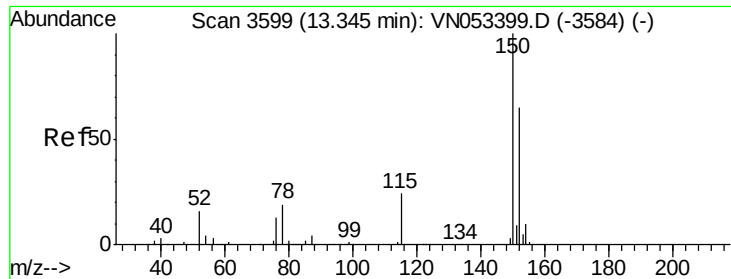


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

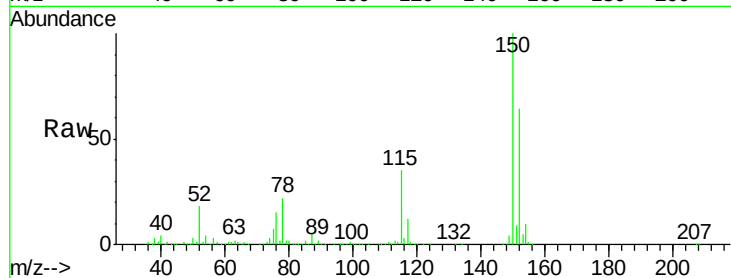
Tot Ion:152 Resp: 583528

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 156.2 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

