

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053430.D
 Acq On : 16 Jan 2019 17:28
 Operator : JC/SP
 Sample : PB116405ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#13

Quant Time: Jan 17 04:38:18 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

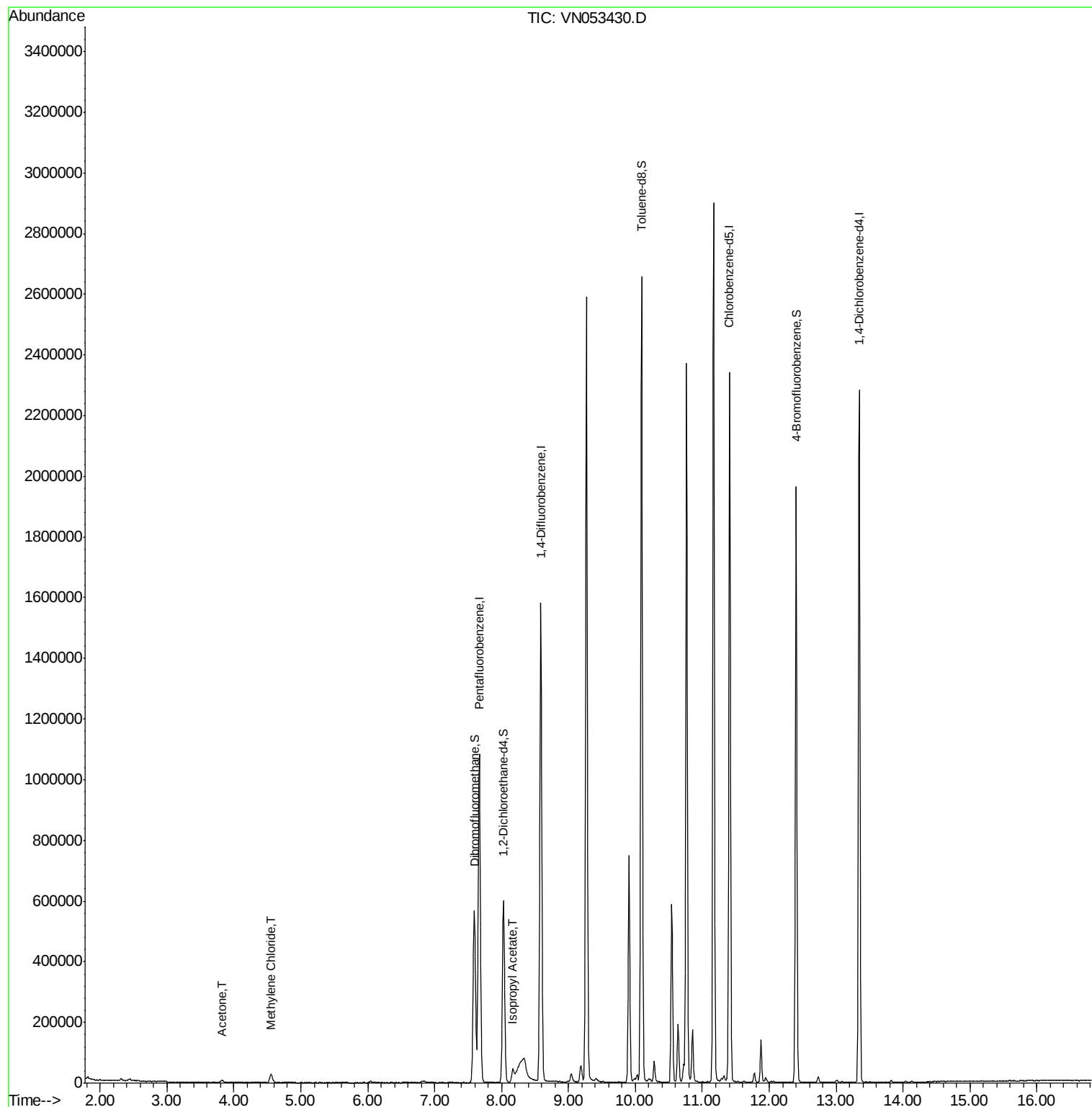
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	949530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1505136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1445352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	647609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	499726	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
35) Dibromofluoromethane	7.59	113	439346	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.09	98	1888249	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	664524	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
Target Compounds						
16) Acetone	3.83	43	13597	6.175	ug/l	92
20) Methylene Chloride	4.55	84	21614	2.150	ug/l	90
43) Isopropyl Acetate	8.17	43	60437	4.262	ug/l #	82

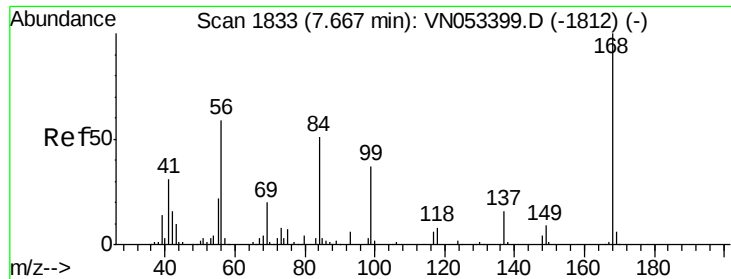
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN053430.D

Acq: 16 Jan 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

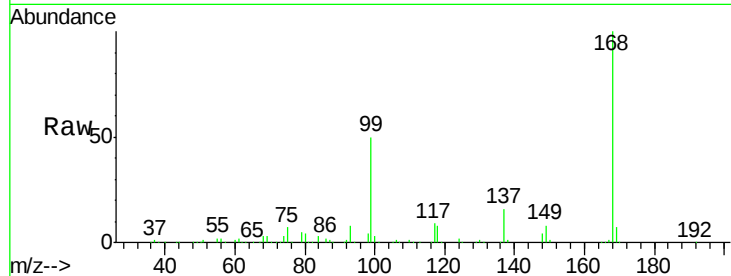
PB116405ZHE#13

Tot Ion:168 Resp: 949530

Ion Ratio Lower Upper

168 100

99 49.6 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

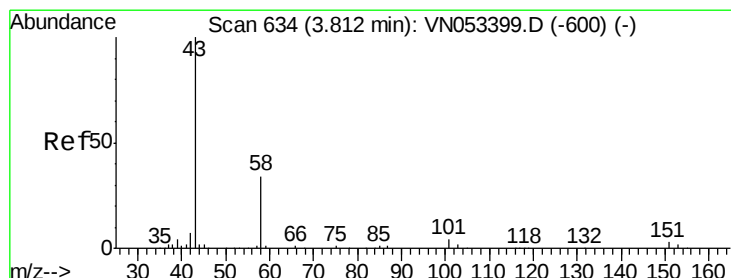
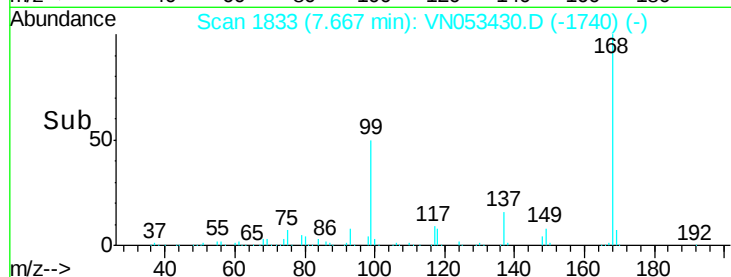
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 6.175 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN053430.D

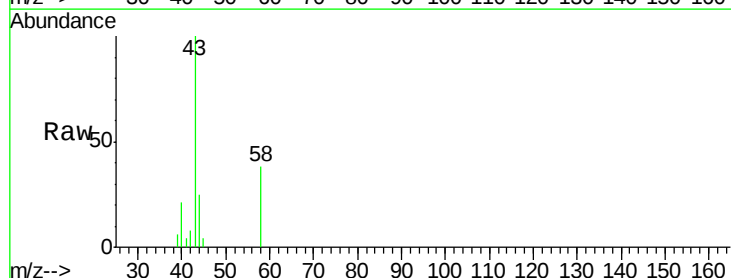
Acq: 16 Jan 2019 17:28

Tgt Ion: 43 Resp: 13597

Ion Ratio Lower Upper

43 100

58 38.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

3000

2000

1000

0

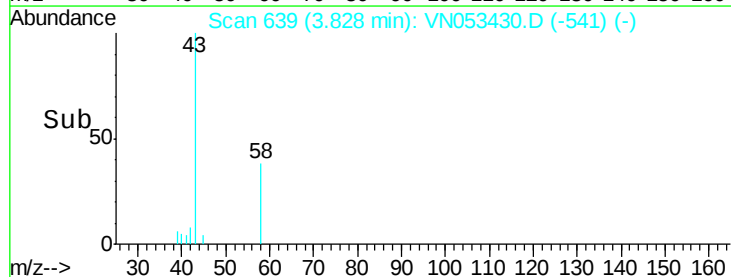
Time-->

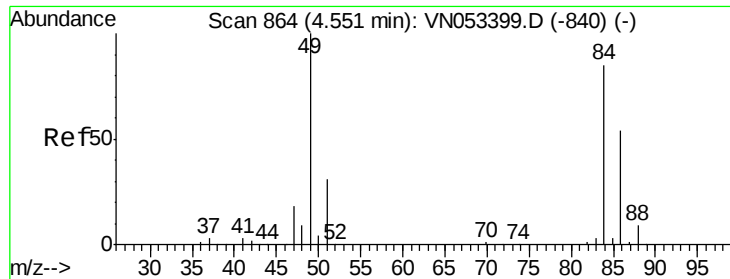
3.75

3.80

3.85

3.90

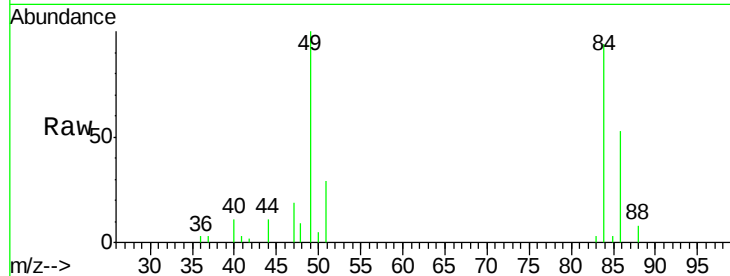




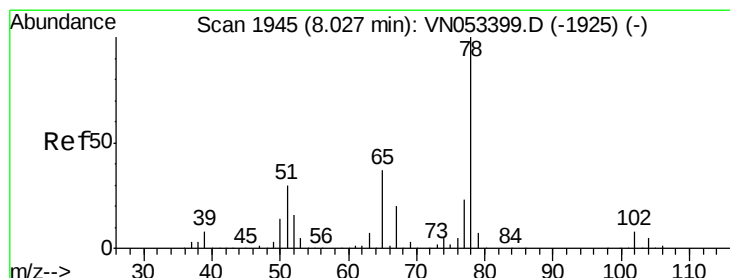
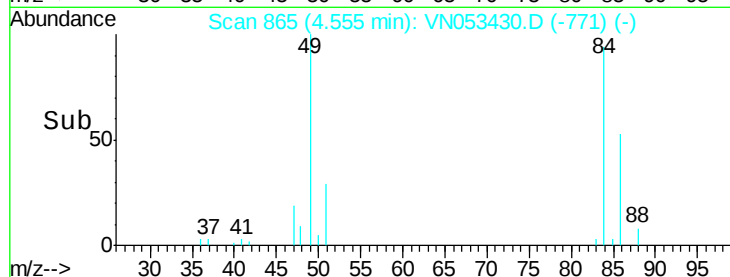
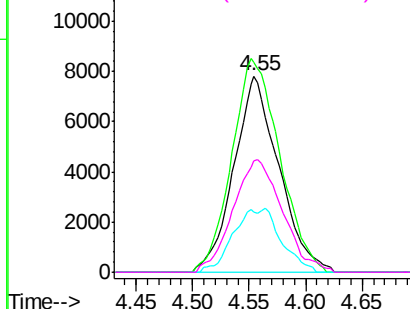
#20
Methylene Chloride
Concen: 2.150 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053430.D
Acq: 16 Jan 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#13

Tot Ion: 84 Resp: 21614
Ion Ratio Lower Upper
84 100
49 106.8 94.3 141.5
51 30.7 29.4 44.2
86 56.5 51.4 77.0

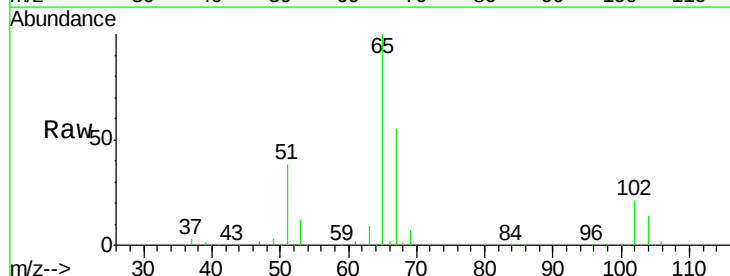


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

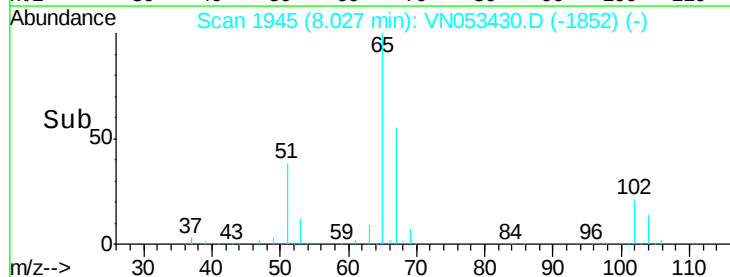
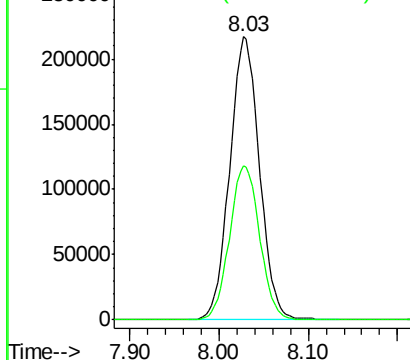


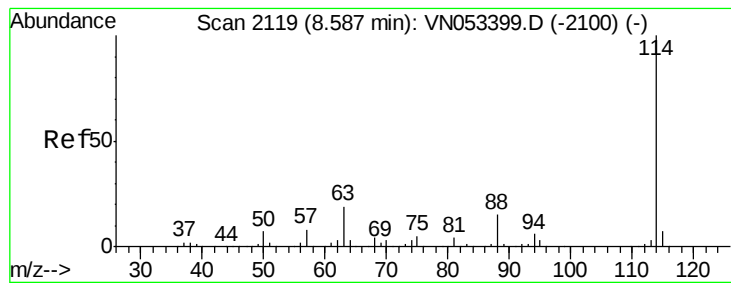
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053430.D
Acq: 16 Jan 2019 17:28

Tgt Ion: 65 Resp: 499726
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053430.D

Acq: 16 Jan 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#13

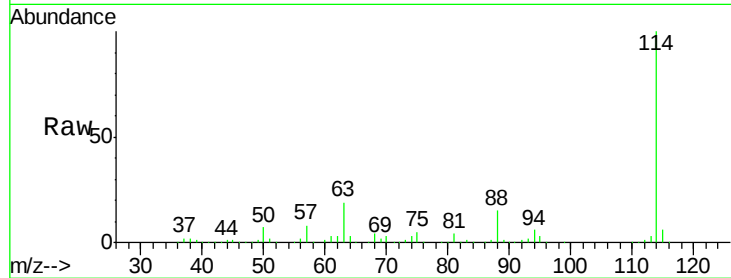
Tot Ion:114 Resp: 1505136

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

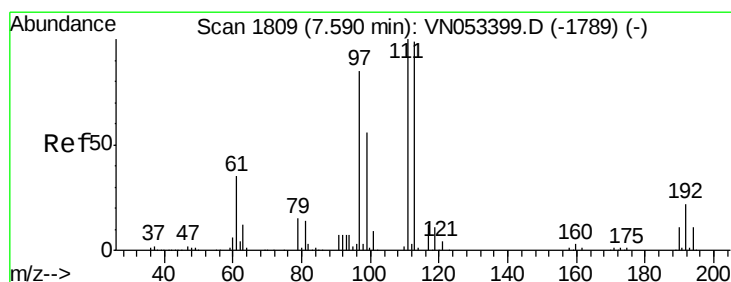
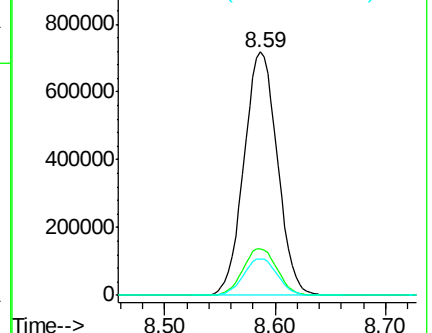
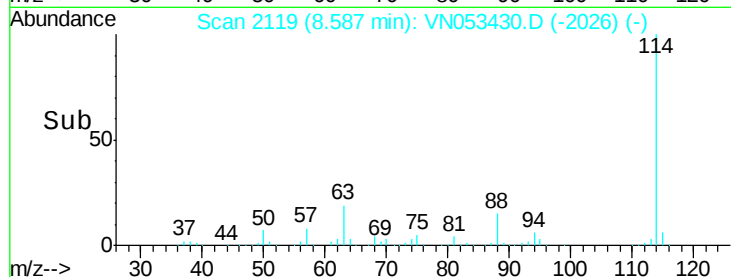
88 15.0 0.0 30.4



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: VN053430.D

Acq: 16 Jan 2019 17:28

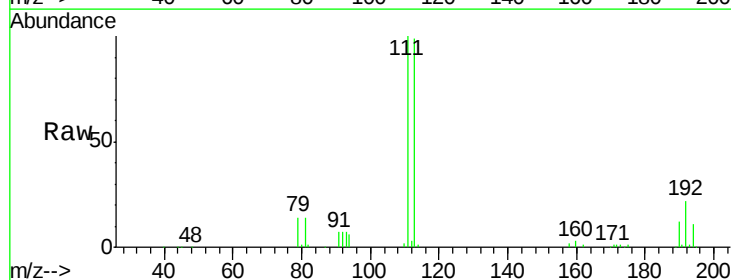
Tgt Ion:113 Resp: 439346

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

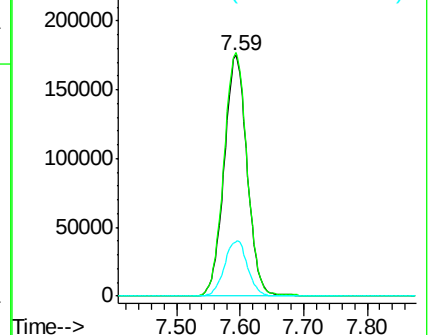
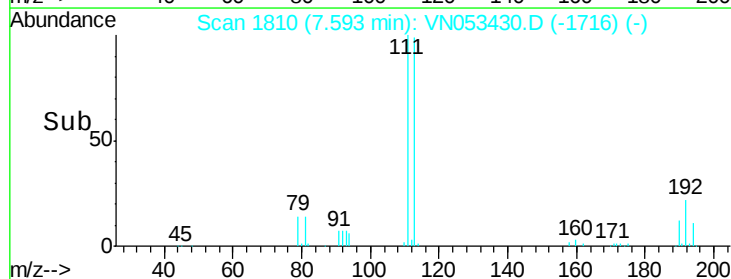
192 23.0 18.2 27.2

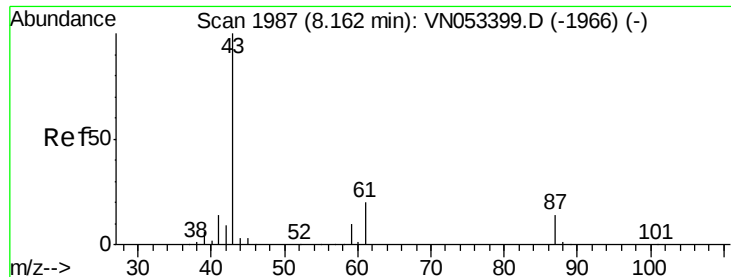


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.262 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053430.D

Acq: 16 Jan 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#13

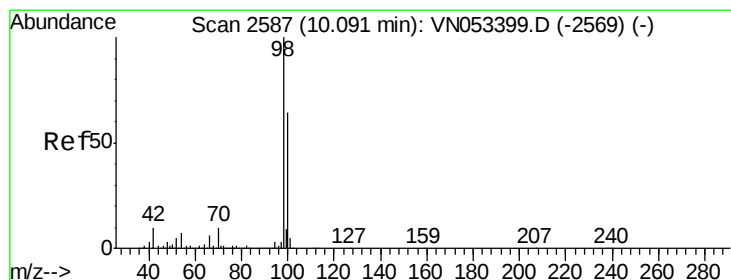
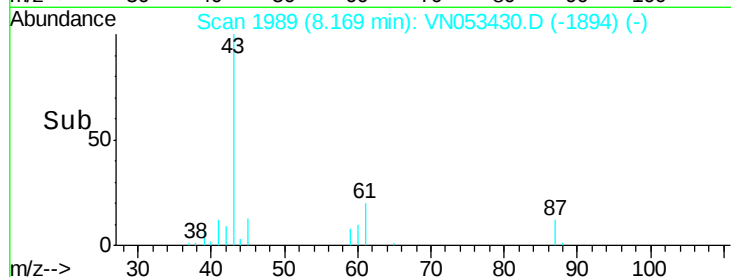
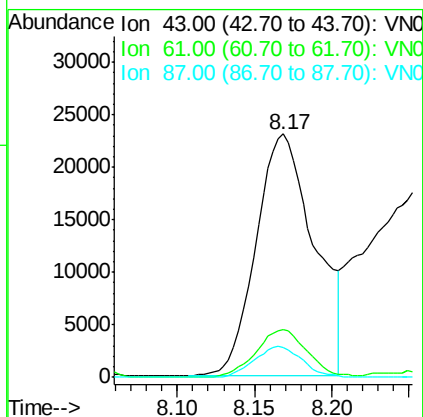
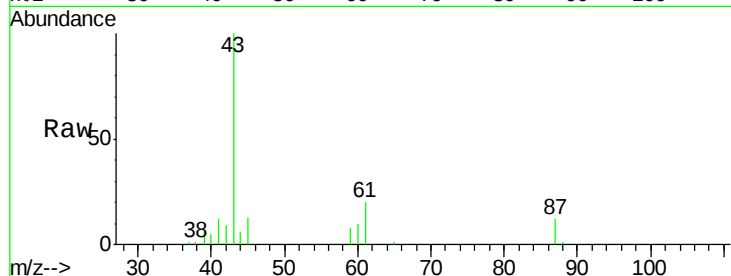
Tot Ion: 43 Resp: 60437

Ion Ratio Lower Upper

43 100

61 17.4 23.9 35.9#

87 10.4 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: VN053430.D

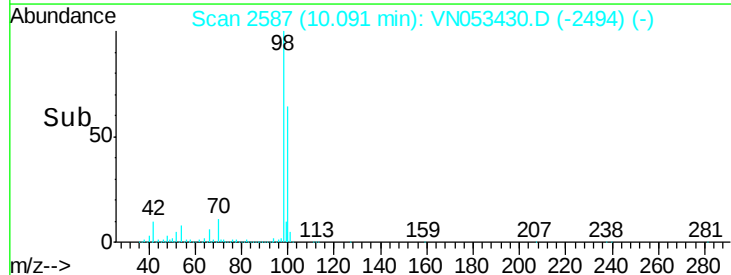
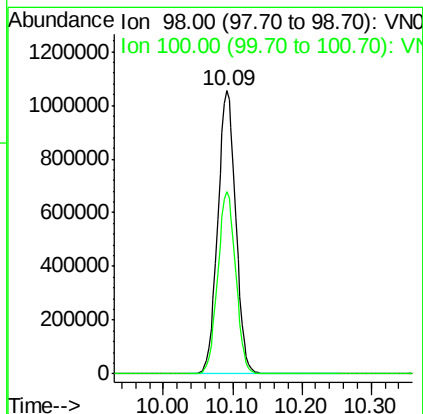
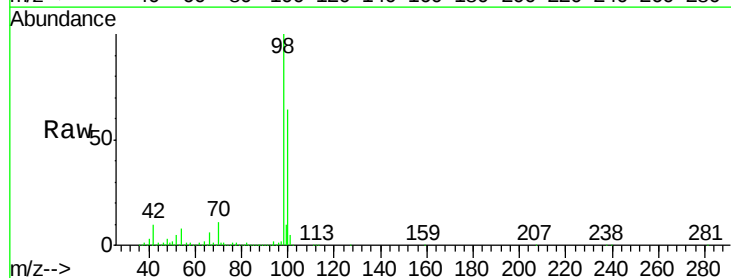
Acq: 16 Jan 2019 17:28

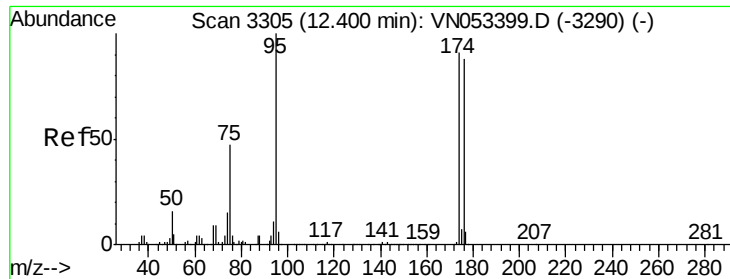
Tgt Ion: 98 Resp: 1888249

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053430.D

Acq: 16 Jan 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#13

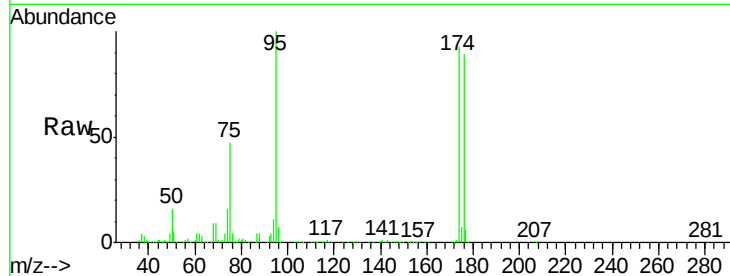
Tot Ion: 95 Resp: 664524

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.2

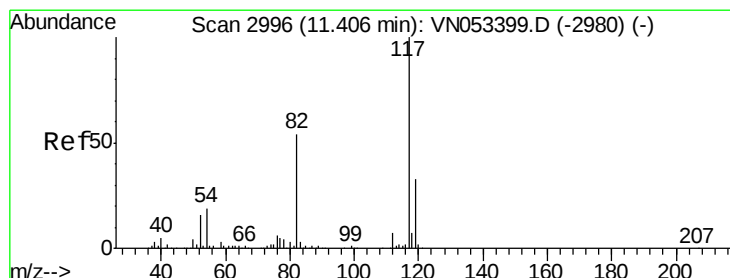
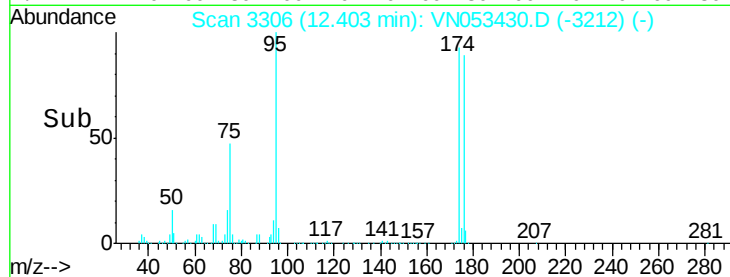
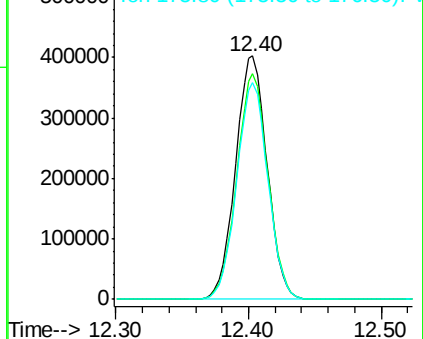
176 88.3 0.0 177.4



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: VN053430.D

Acq: 16 Jan 2019 17:28

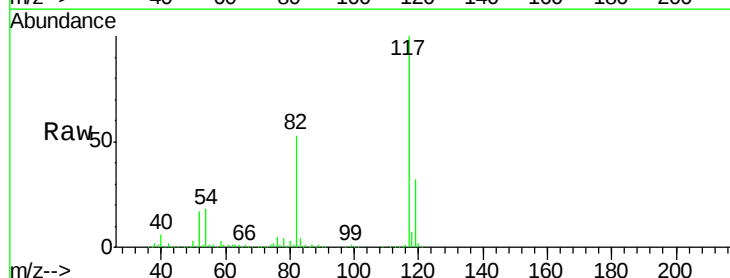
Tgt Ion: 117 Resp: 1445352

Ion Ratio Lower Upper

117 100

82 53.2 42.9 64.3

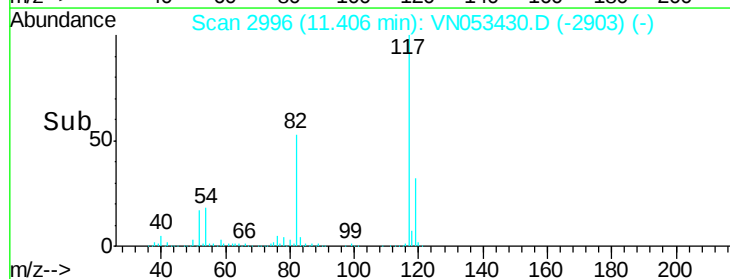
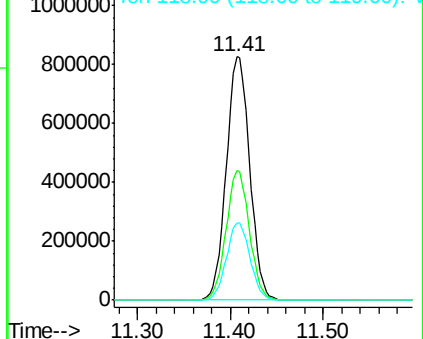
119 31.8 26.0 39.0

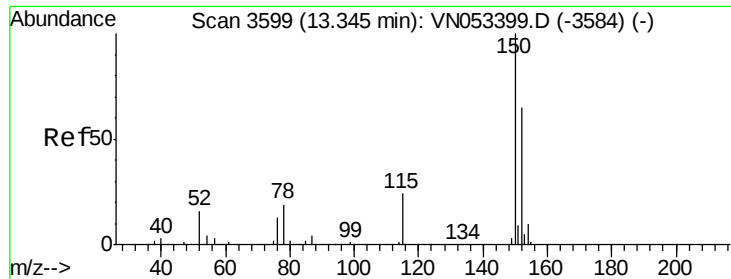


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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: VN053430.D

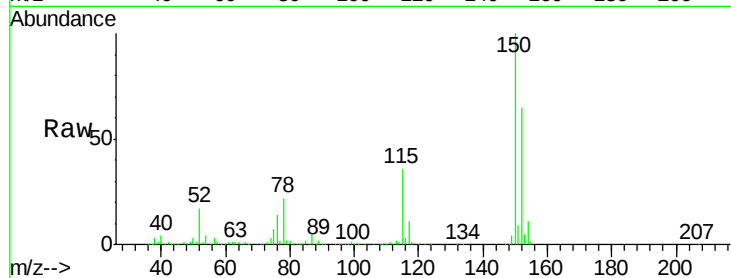
Acq: 16 Jan 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#13



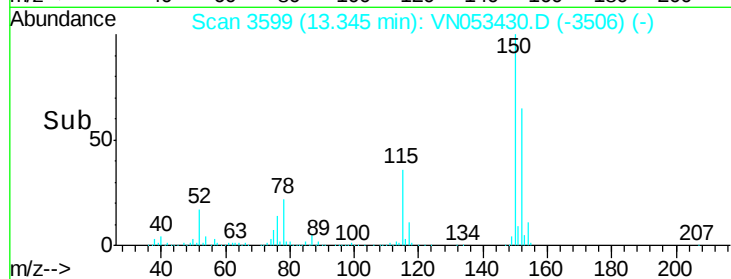
Tot Ion:152 Resp: 647609

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

150 157.1 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

