

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053423.D
 Acq On : 16 Jan 2019 14:21
 Operator : JC/SP
 Sample : PB116405ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#06

Quant Time: Jan 17 04:20:31 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

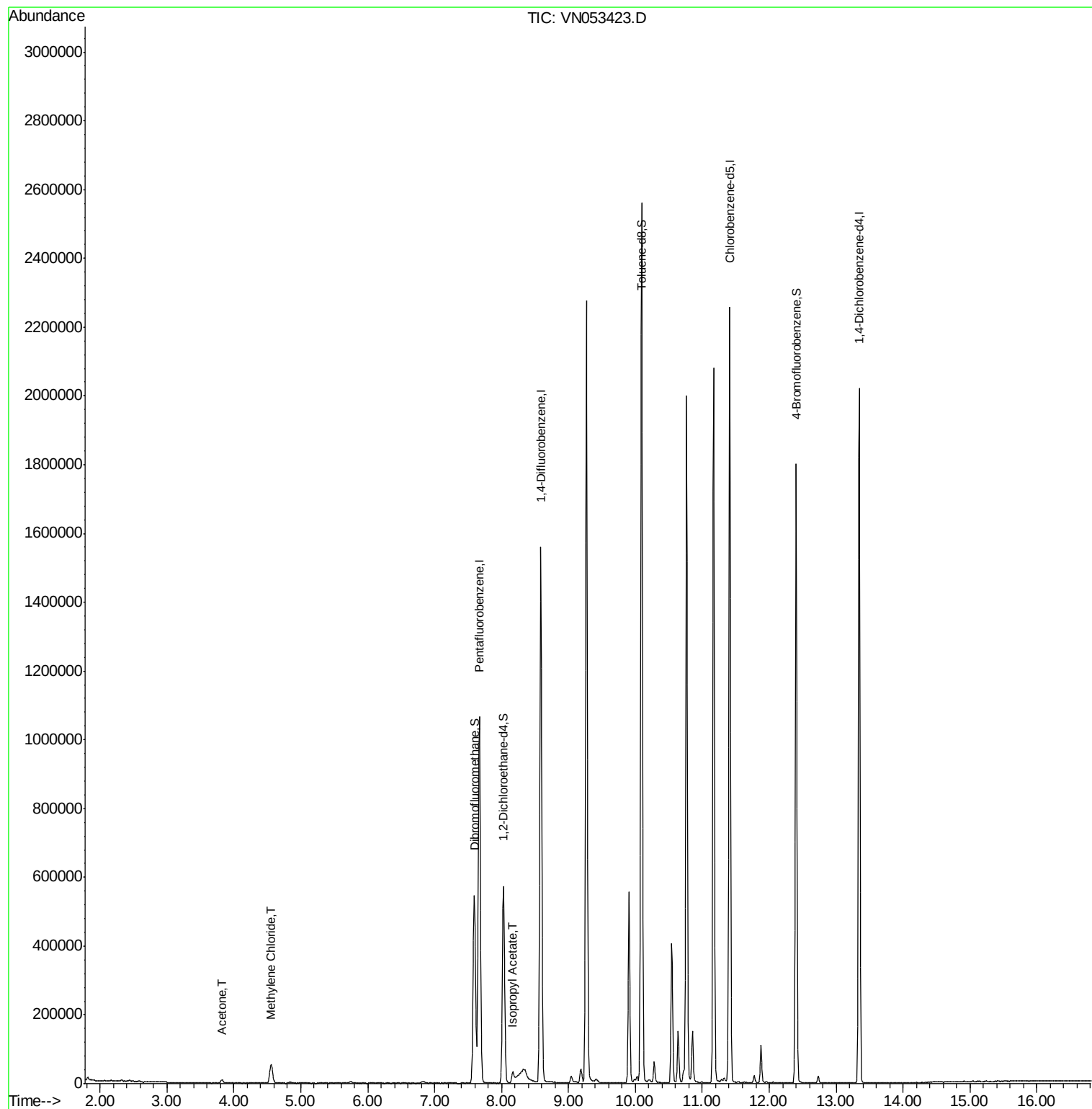
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	935960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1463693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1363587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	575961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	481318	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	422048	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.09	98	1818280	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	614898	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
16) Acetone	3.82	43	18450	8.500	ug/l	99
20) Methylene Chloride	4.56	84	42863	4.326	ug/l	98
43) Isopropyl Acetate	8.17	43	41827	3.033	ug/l #	82

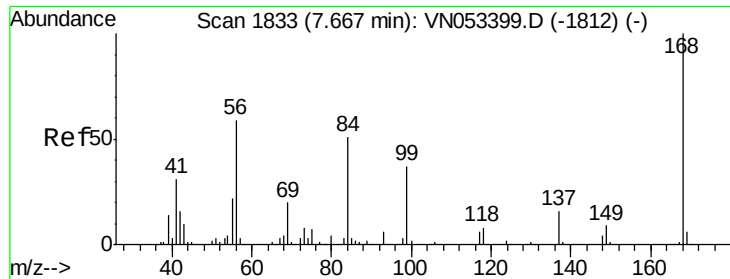
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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Quant Title : SW846 8260
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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: VN053423.D

Acq: 16 Jan 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

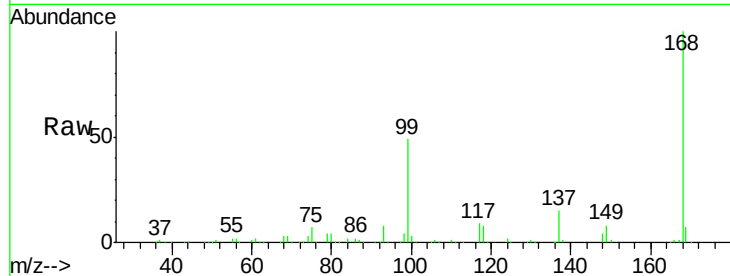
PB116405ZHE#06

Tot Ion:168 Resp: 935960

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

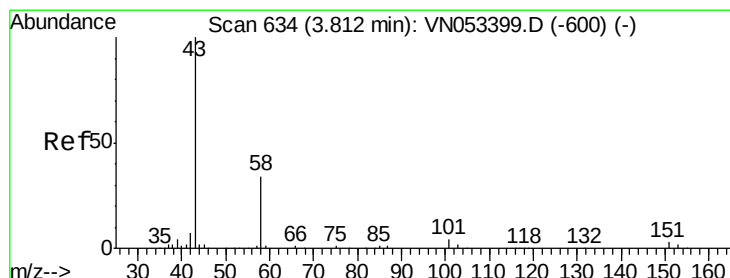
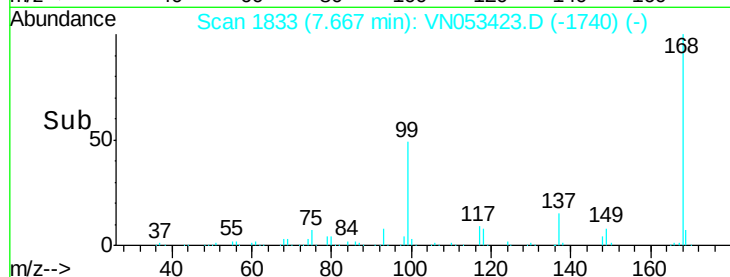
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.500 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053423.D

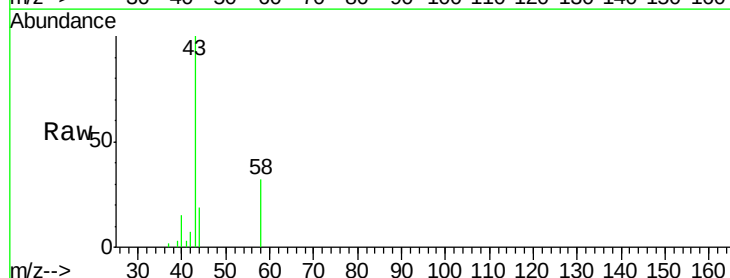
Acq: 16 Jan 2019 14:21

Tgt Ion: 43 Resp: 18450

Ion Ratio Lower Upper

43 100

58 33.2 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

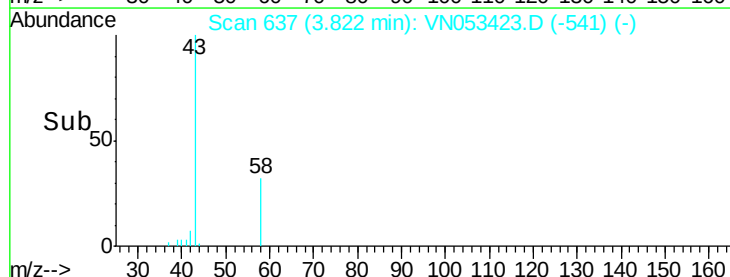
6000

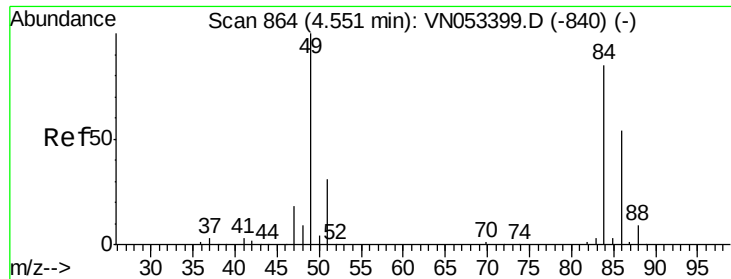
4000

2000

0

Time-->

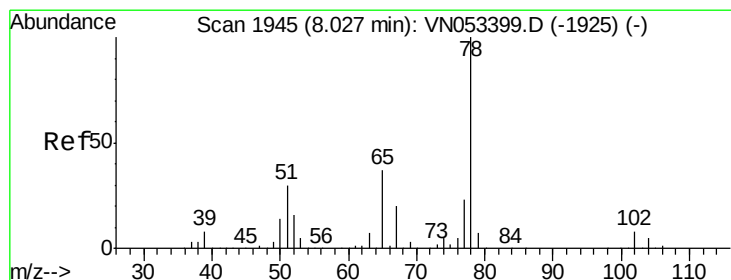
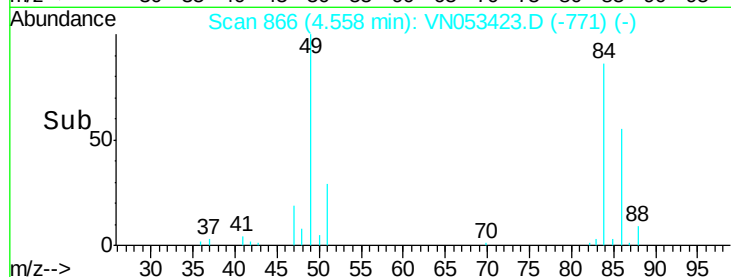
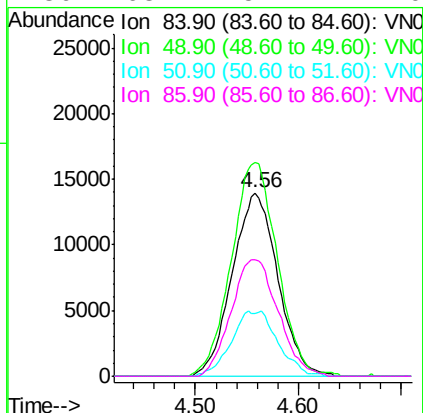
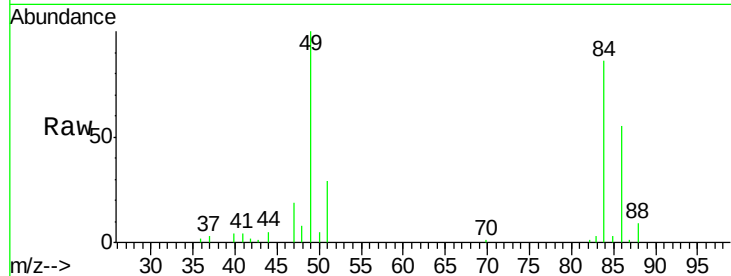




#20
Methylene Chloride
Concen: 4.326 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053423.D
Acq: 16 Jan 2019 14:21

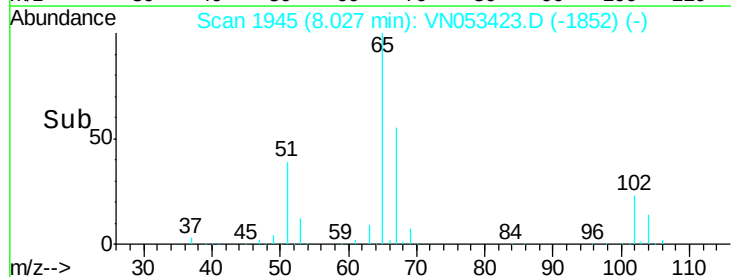
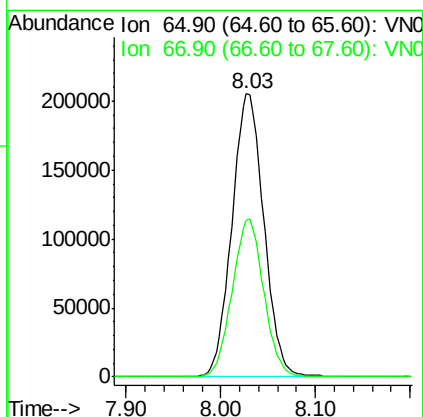
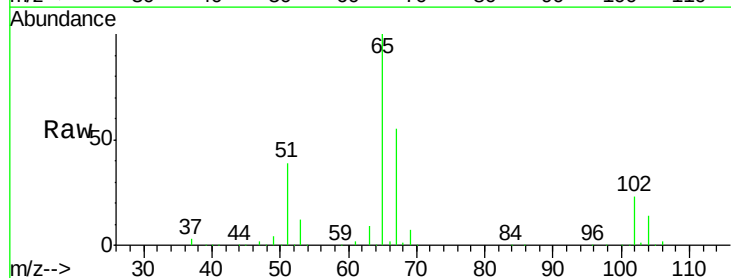
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#06

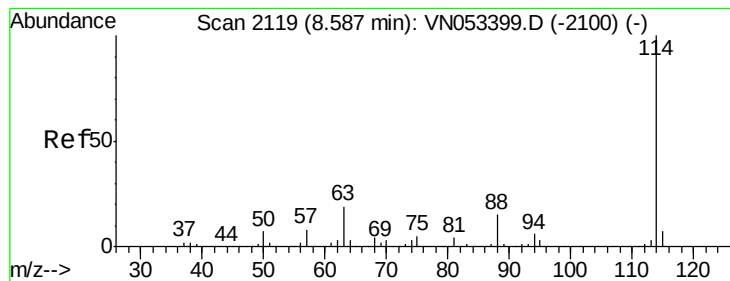
Tot Ion: 84 Resp: 42863
Ion Ratio Lower Upper
84 100
49 116.7 94.3 141.5
51 34.2 29.4 44.2
86 63.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053423.D
Acq: 16 Jan 2019 14:21

Tgt Ion: 65 Resp: 481318
Ion Ratio Lower Upper
65 100
67 54.9 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: VN053423.D

Acq: 16 Jan 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#06

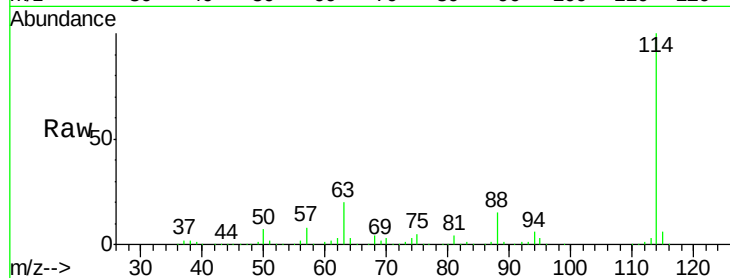
Tot Ion:114 Resp: 1463693

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

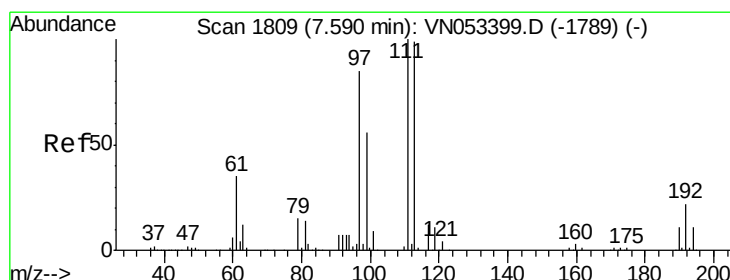
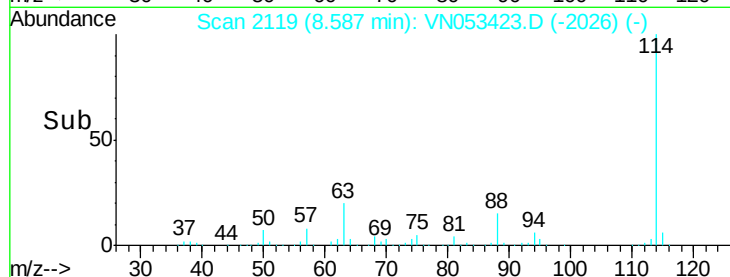
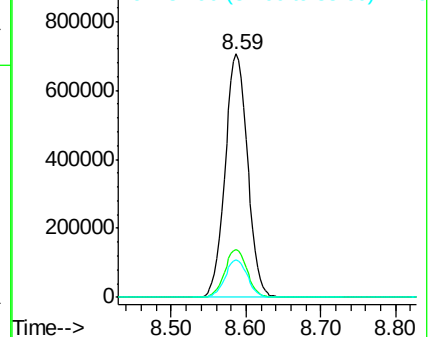
88 15.2 0.0 30.4



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: VN053423.D

Acq: 16 Jan 2019 14:21

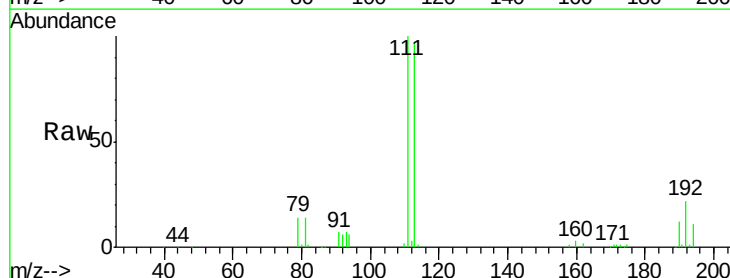
Tgt Ion:113 Resp: 422048

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

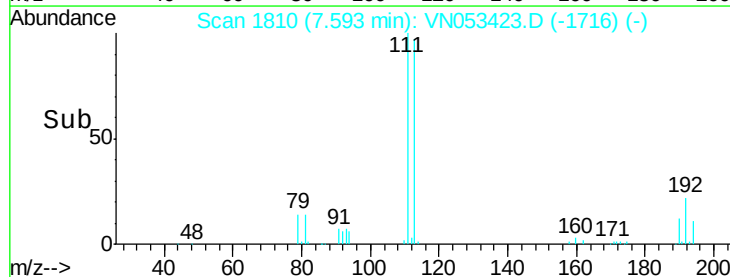
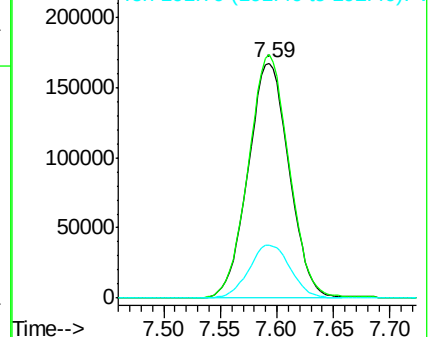
192 22.9 18.2 27.2

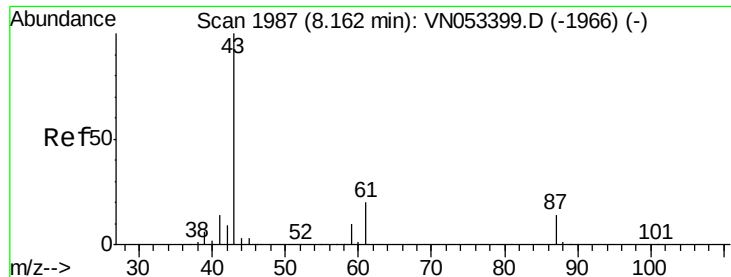


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.033 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053423.D

Acq: 16 Jan 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#06

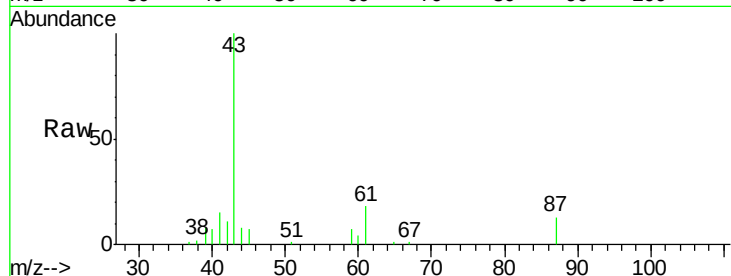
Tot Ion: 43 Resp: 41827

Ion Ratio Lower Upper

43 100

61 17.4 23.9 35.9#

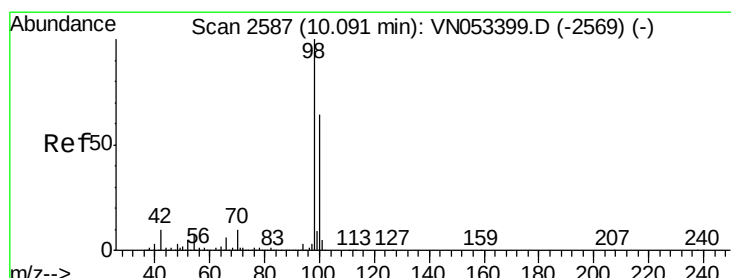
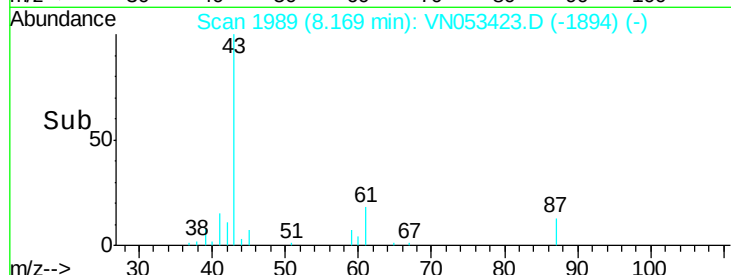
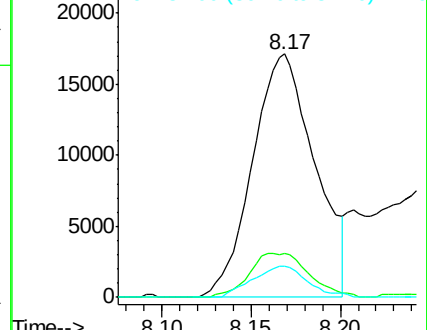
87 11.2 11.0 16.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053423.D

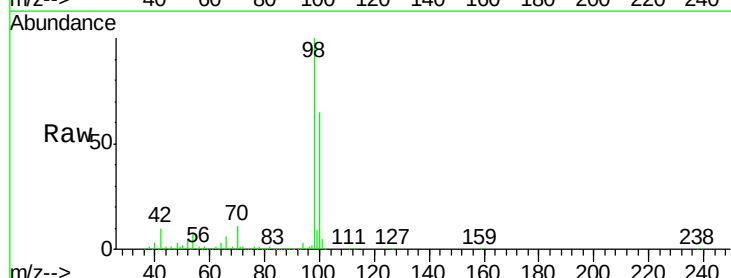
Acq: 16 Jan 2019 14:21

Tgt Ion: 98 Resp: 1818280

Ion Ratio Lower Upper

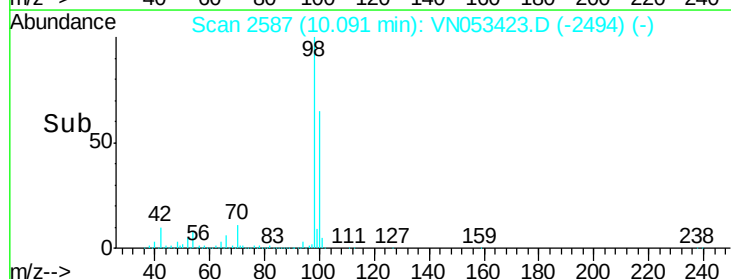
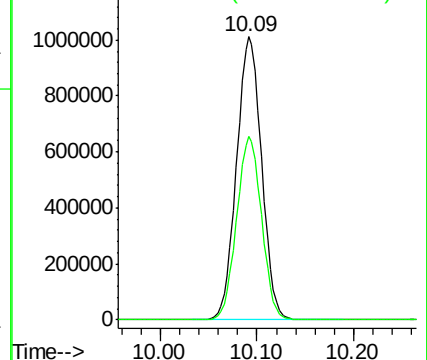
98 100

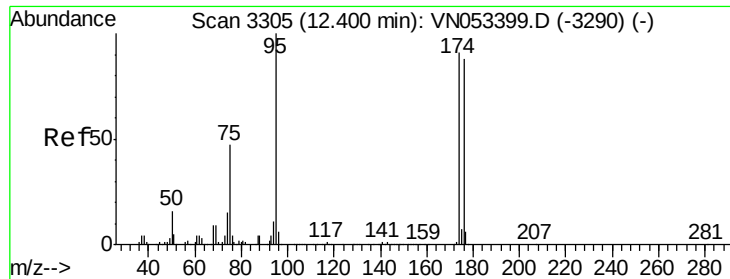
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053423.D

Acq: 16 Jan 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#06

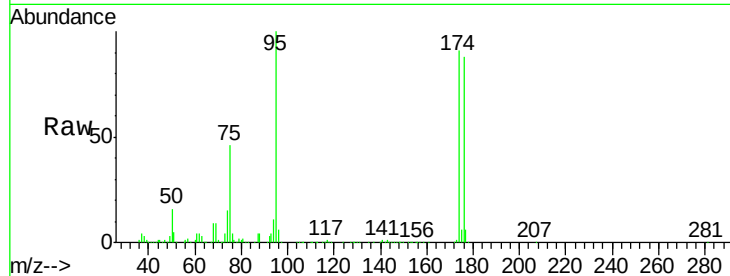
Tot Ion: 95 Resp: 614898

Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.2

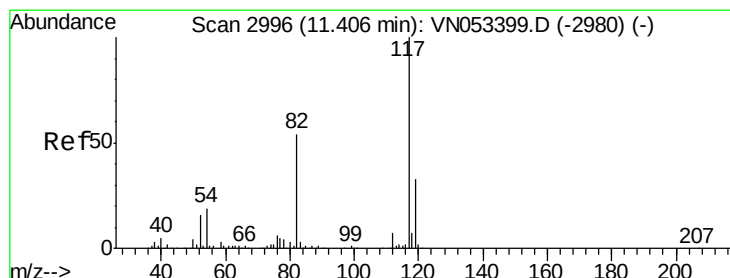
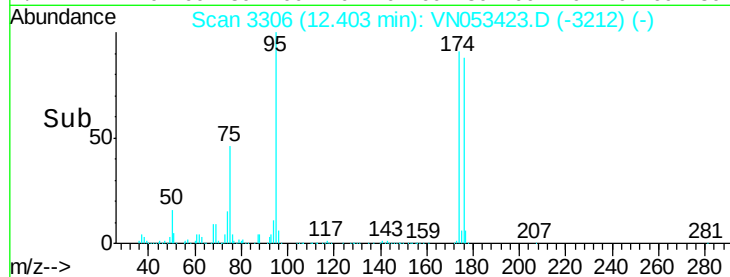
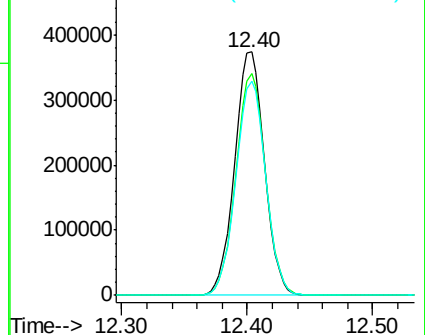
176 88.4 0.0 177.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN053423.D

Acq: 16 Jan 2019 14:21

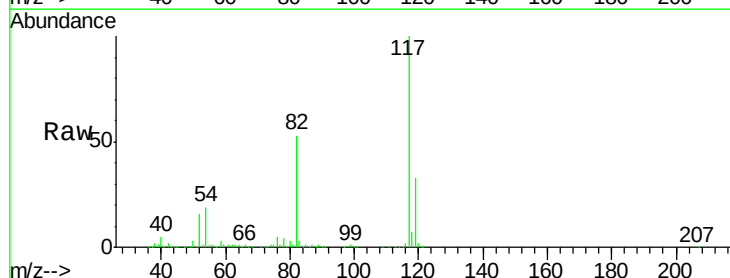
Tgt Ion: 117 Resp: 1363587

Ion Ratio Lower Upper

117 100

82 53.4 42.9 64.3

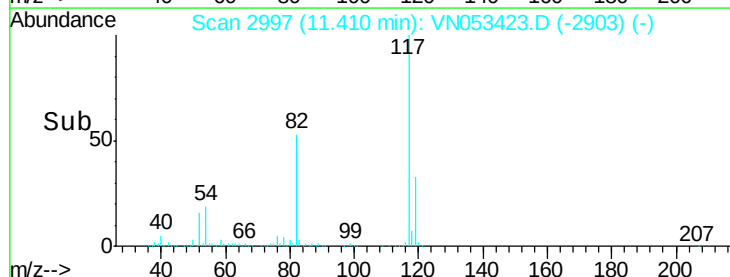
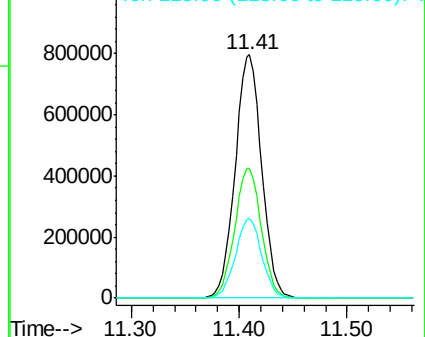
119 32.6 26.0 39.0

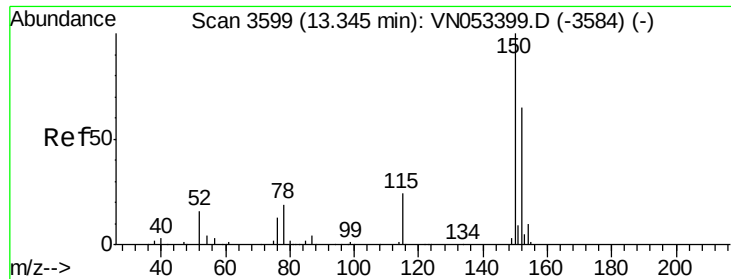


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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: VN053423.D

Acq: 16 Jan 2019 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#06

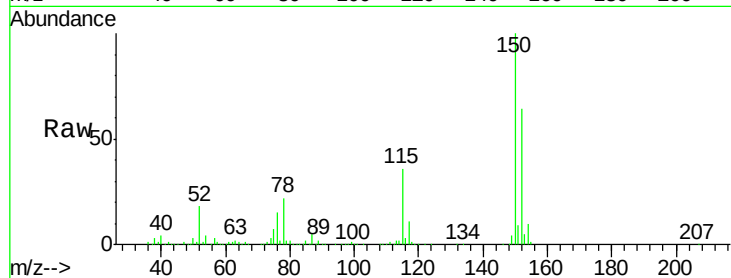
Tot Ion:152 Resp: 575961

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

150 156.9 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

