

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053490.D
 Acq On : 18 Jan 2019 23:18
 Operator : JC/SP
 Sample : K1011-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-011719-B

Quant Time: Jan 19 01:33:25 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

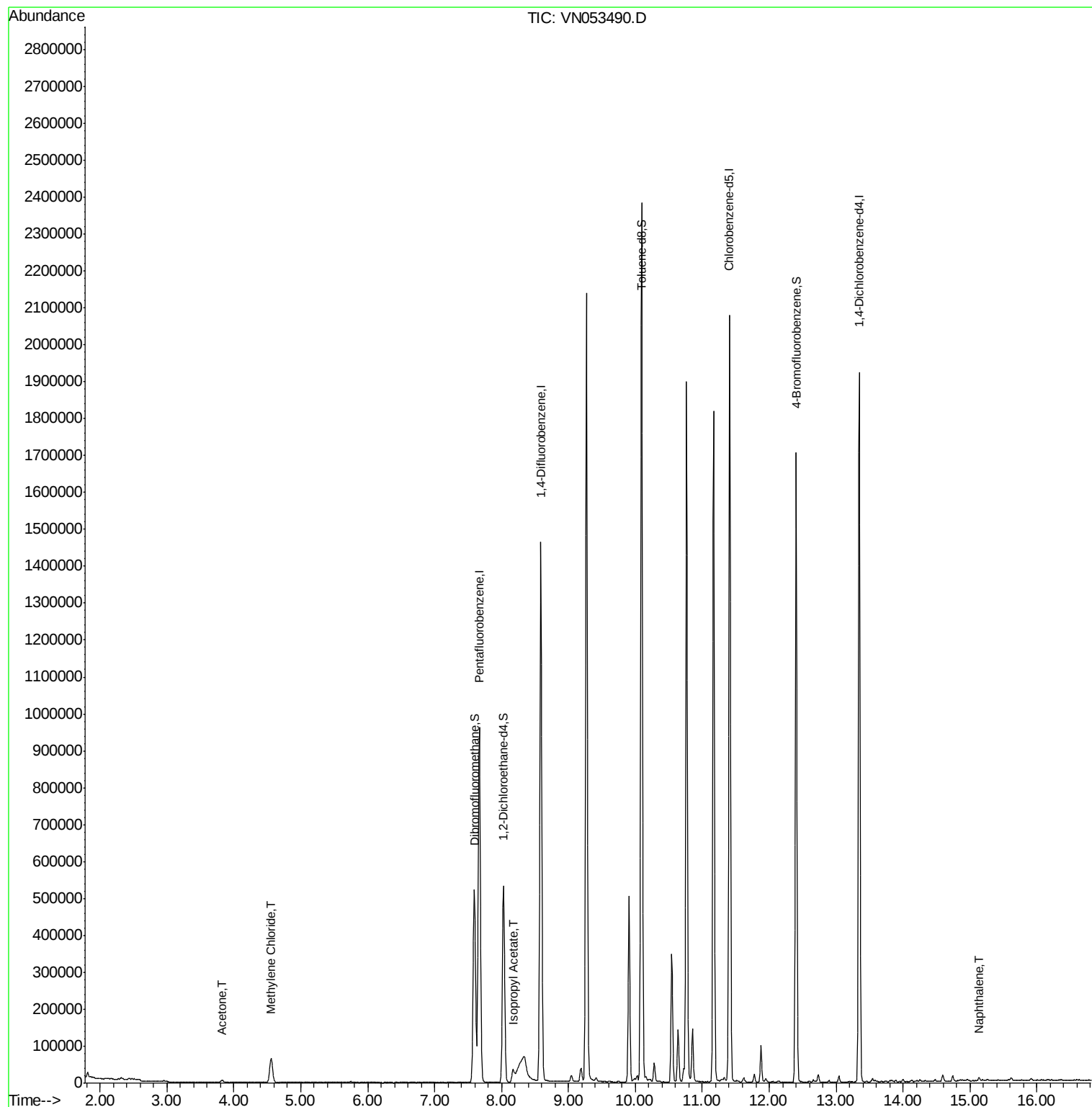
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	864310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1362623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1282244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	546979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447536	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	7.59	113	403134	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	10.09	98	1705866	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.40	95	579447	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
16) Acetone	3.82	43	12555	6.264	ug/l	96
20) Methylene Chloride	4.56	84	51464	5.624	ug/l	98
43) Isopropyl Acetate	8.17	43	45056	3.510	ug/l #	80
95) Naphthalene	15.14	128	8402	4.524	ug/l #	94

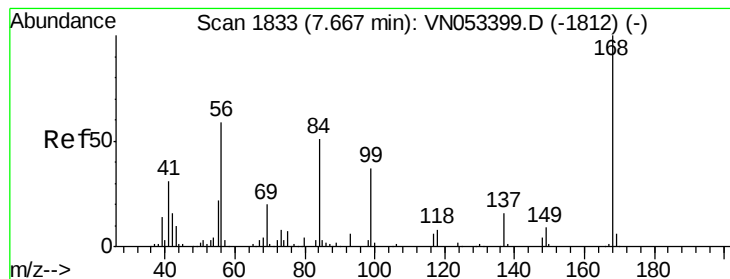
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

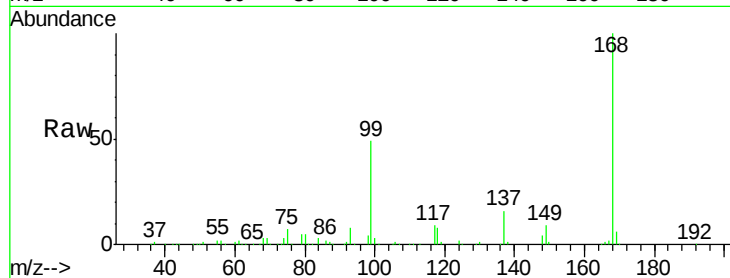
OR-03-011719-B

Tot Ion:168 Resp: 864310

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

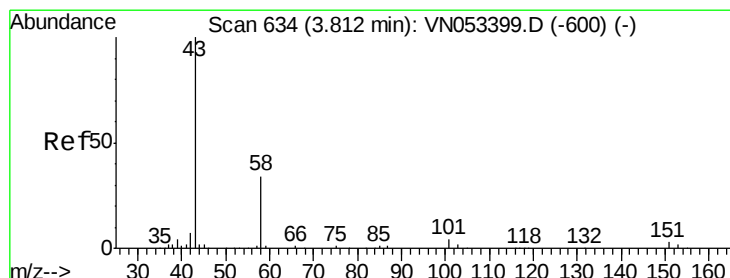
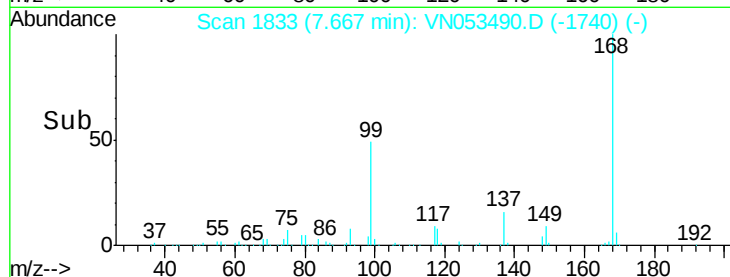
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.264 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053490.D

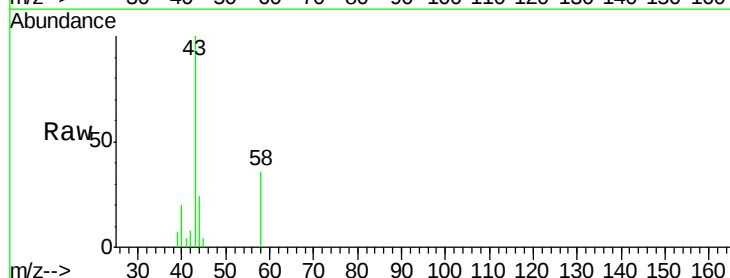
Acq: 18 Jan 2019 23:18

Tgt Ion: 43 Resp: 12555

Ion Ratio Lower Upper

43 100

58 36.0 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

5000

4000

3000

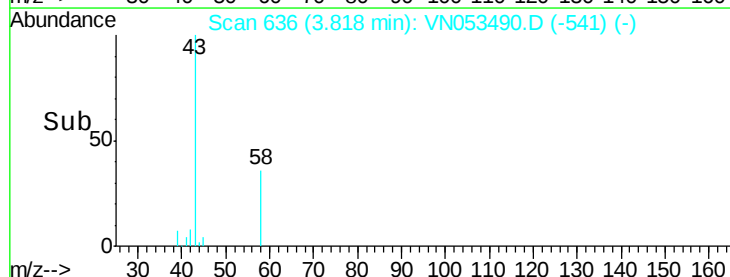
2000

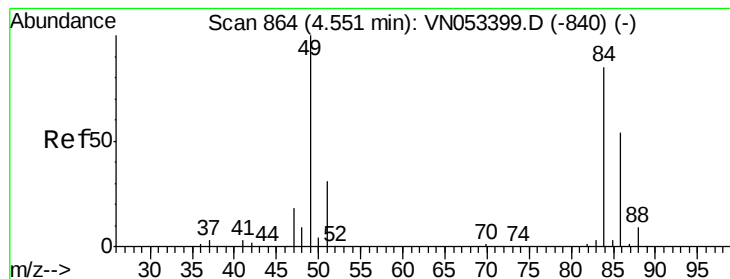
1000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 5.624 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

Tot Ion: 84 Resp: 51464

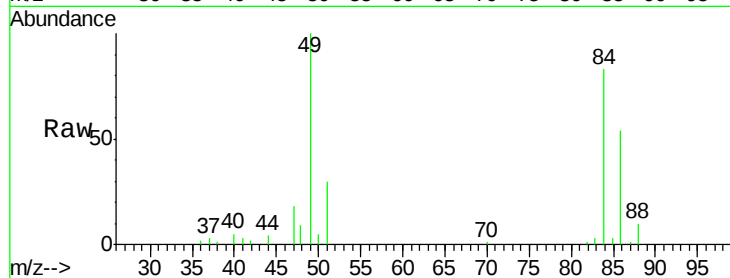
Ion Ratio Lower Upper

84 100

49 120.7 94.3 141.5

51 36.3 29.4 44.2

86 65.6 51.4 77.0

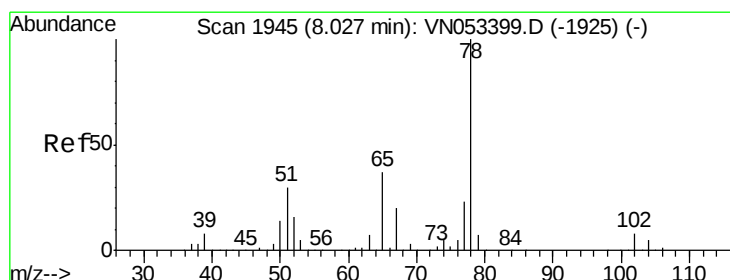
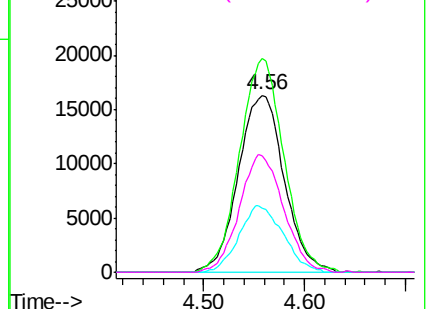
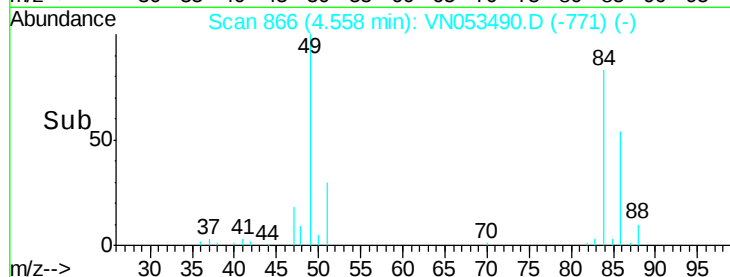


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053490.D

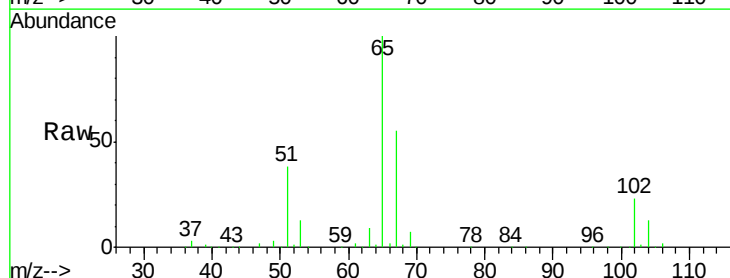
Acq: 18 Jan 2019 23:18

Tgt Ion: 65 Resp: 447536

Ion Ratio Lower Upper

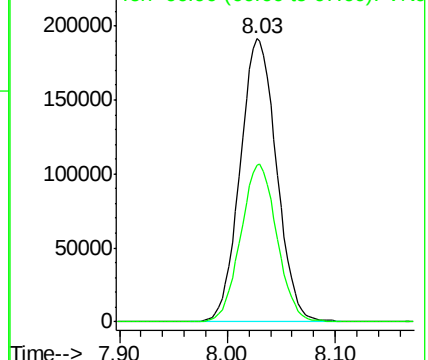
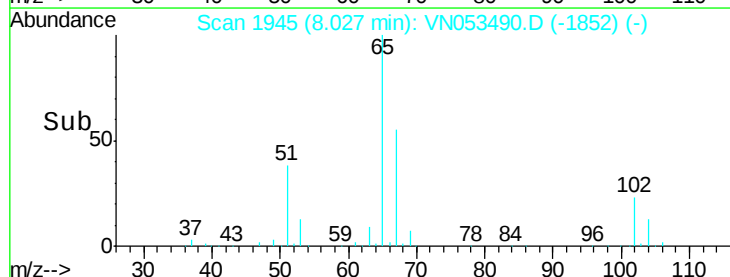
65 100

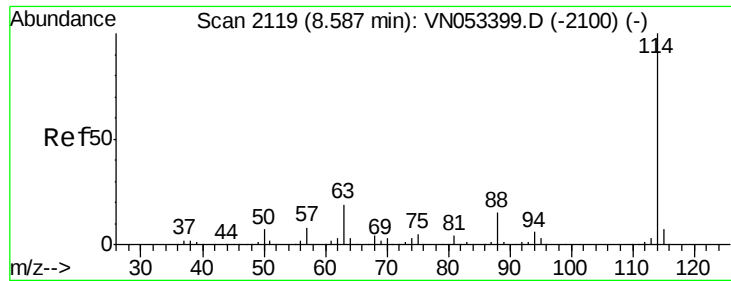
67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

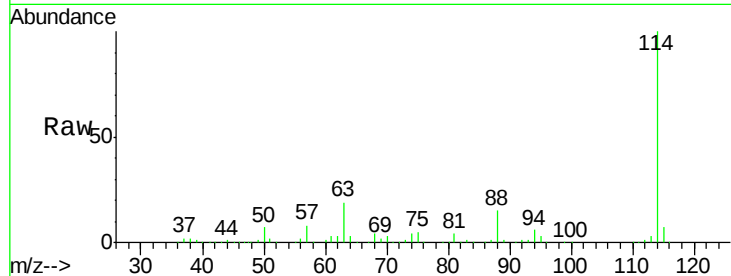




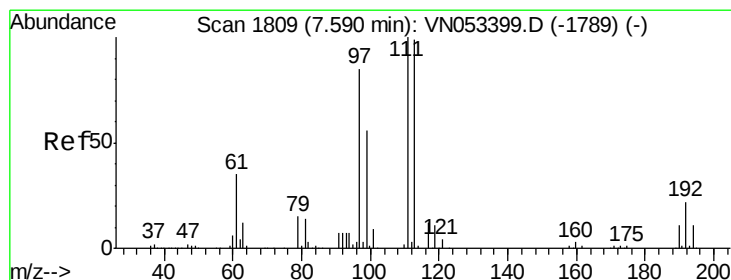
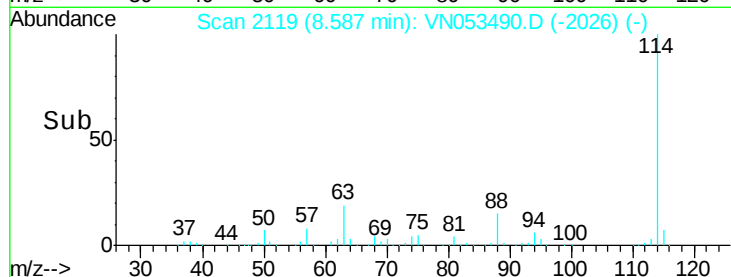
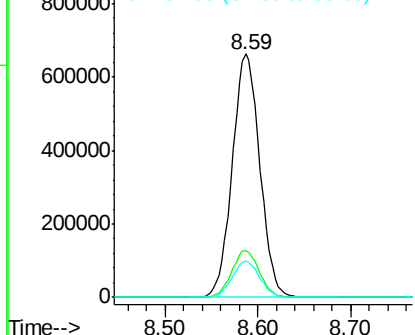
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-B

Tot Ion:114 Resp: 1362623
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.1 0.0 30.4

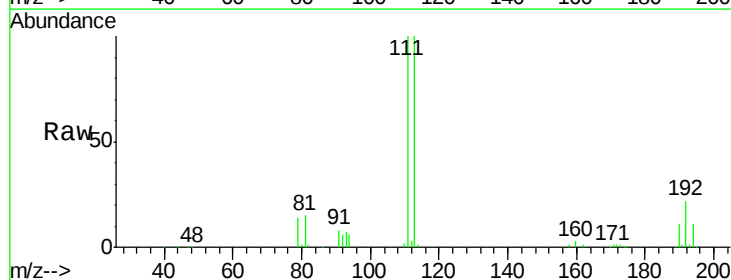


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

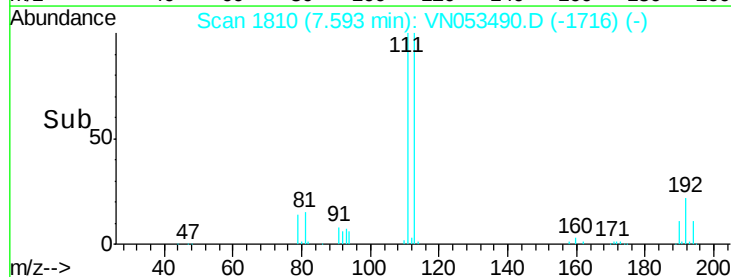
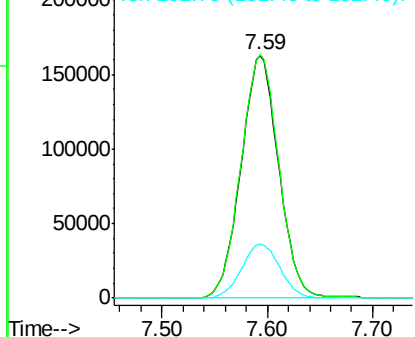


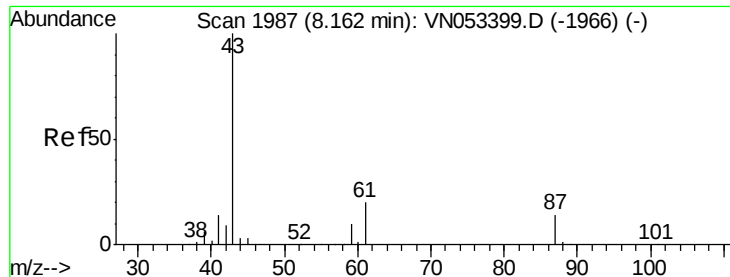
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053490.D
Acq: 18 Jan 2019 23:18

Tgt Ion:113 Resp: 403134
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 22.8 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: 3.510 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

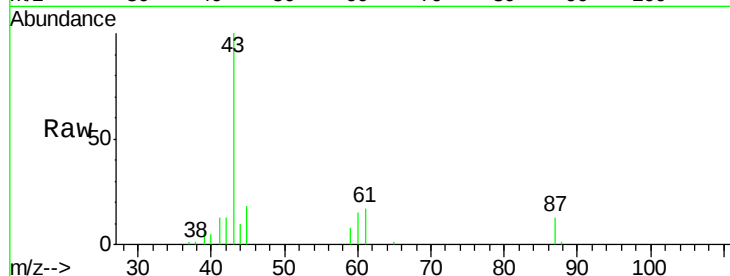
Tot Ion: 43 Resp: 45056

Ion Ratio Lower Upper

43 100

61 15.8 23.9 35.9#

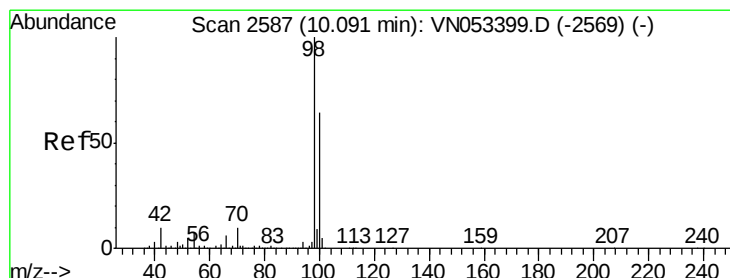
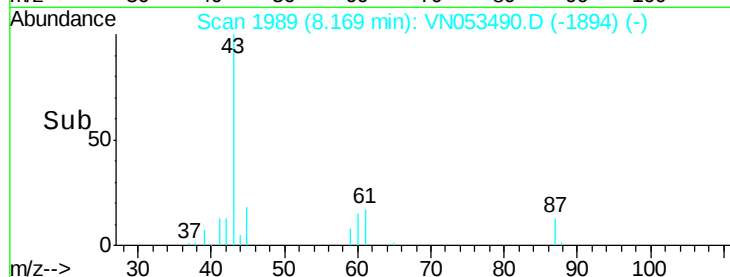
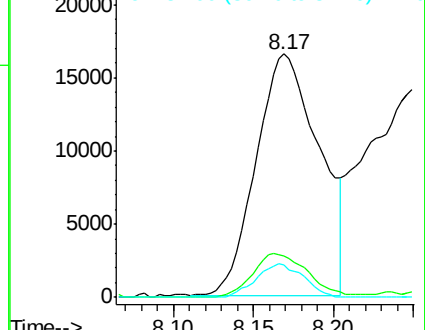
87 10.5 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053490.D

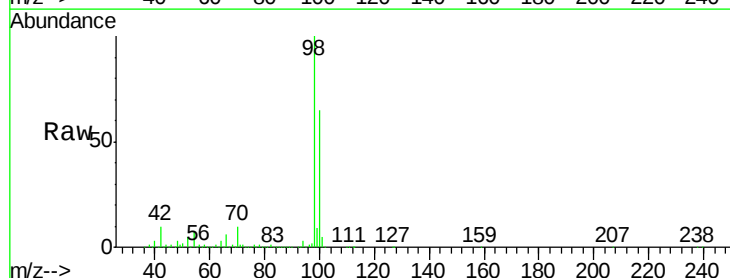
Acq: 18 Jan 2019 23:18

Tgt Ion: 98 Resp: 1705866

Ion Ratio Lower Upper

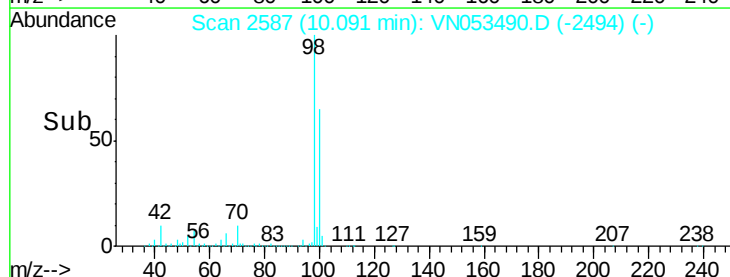
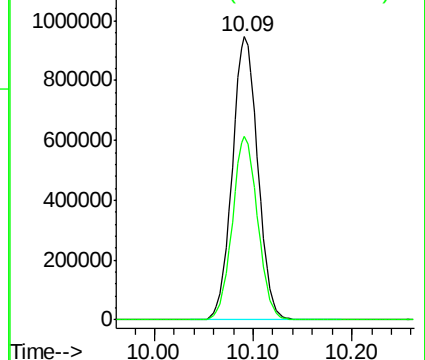
98 100

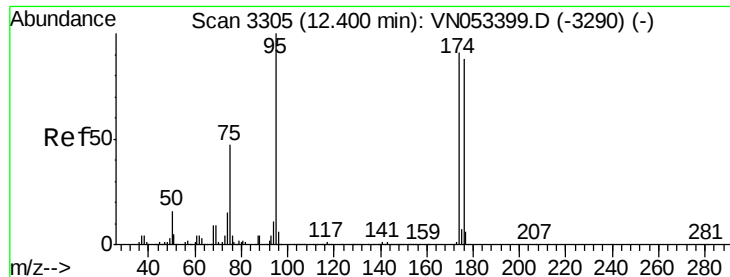
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

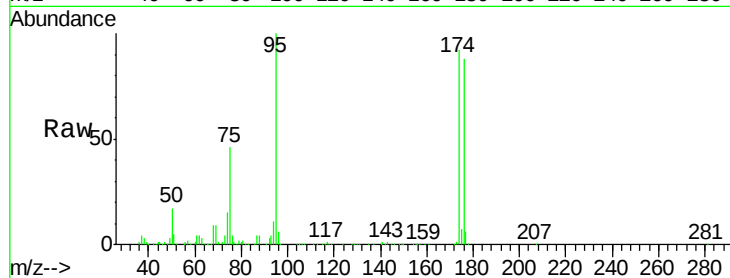
Tot Ion: 95 Resp: 579447

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.2

176 88.3 0.0 177.4

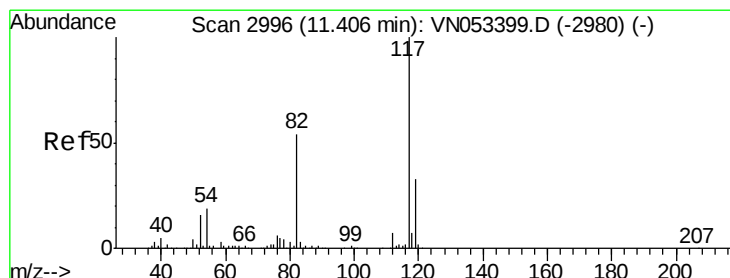
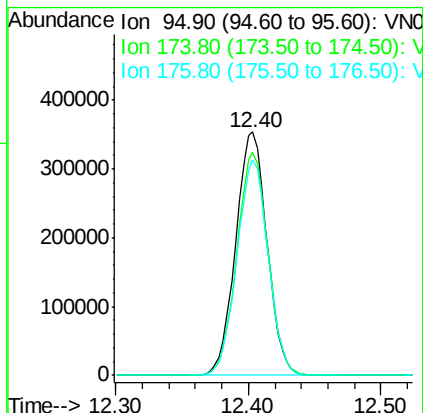
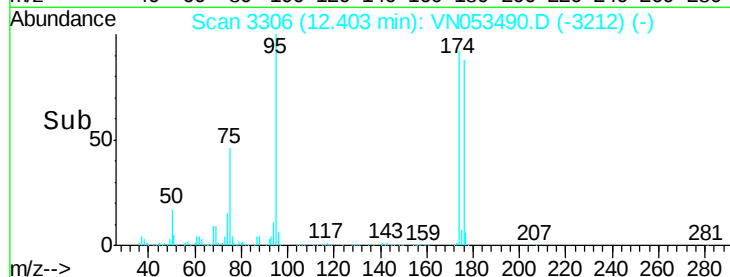


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

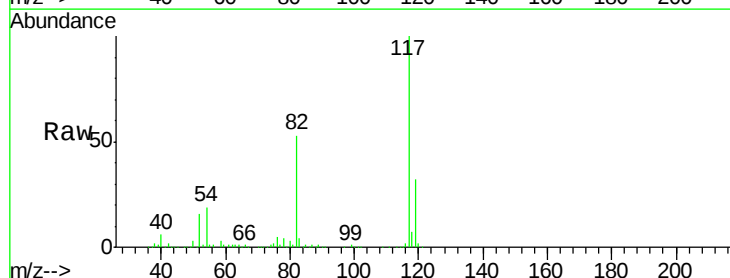
Tgt Ion: 117 Resp: 1282244

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

119 32.0 26.0 39.0

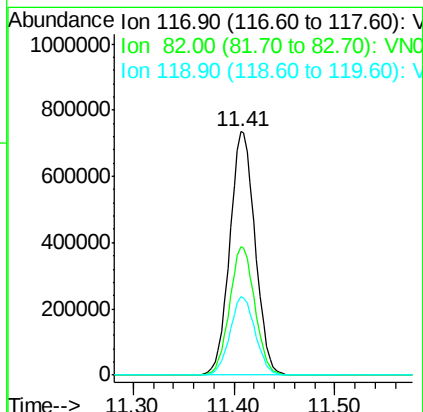
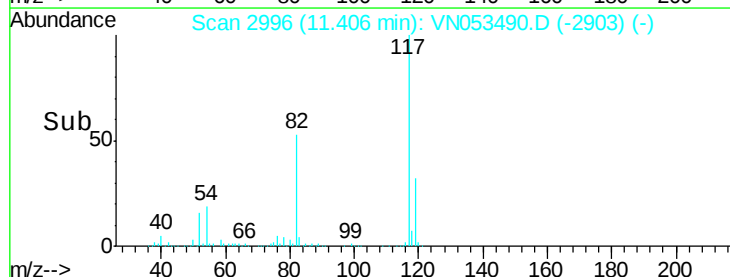


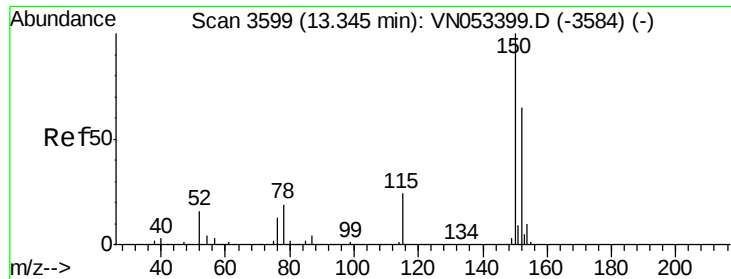
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

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

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-B

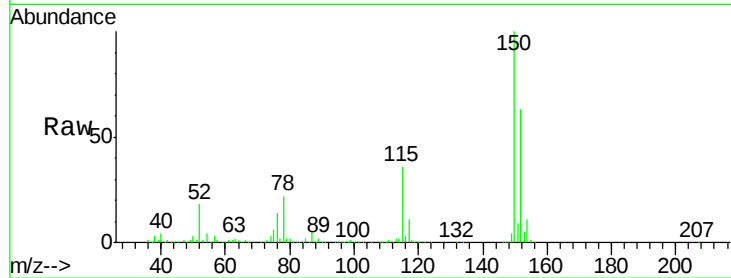
Tot Ion:152 Resp: 546979

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

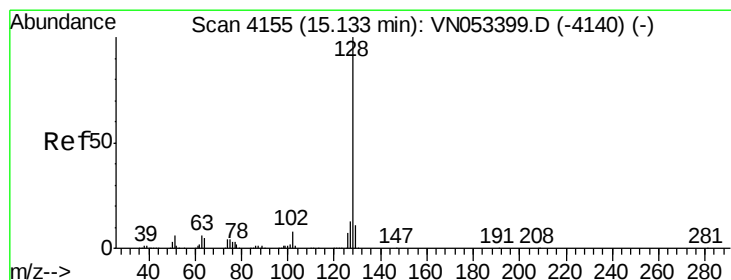
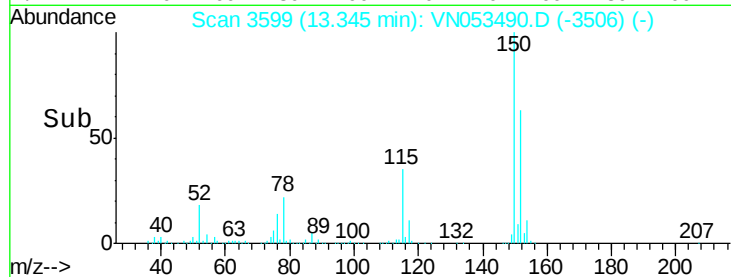
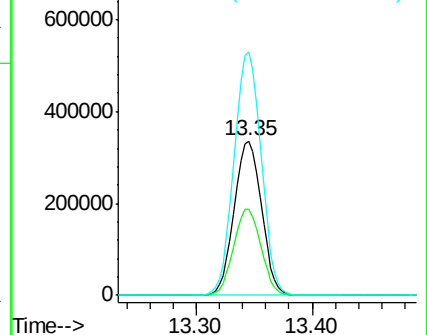
150 156.6 0.0 349.0



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



#95

Naphthalene

Concen: 4.524 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN053490.D

Acq: 18 Jan 2019 23:18

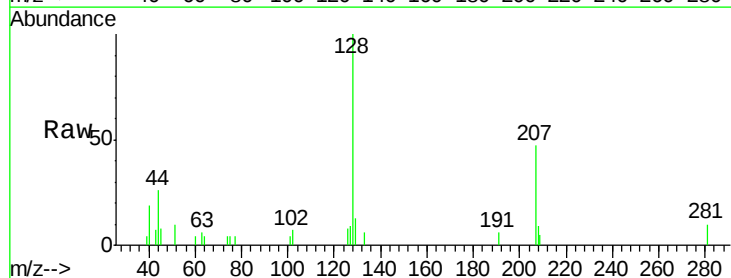
Tgt Ion:128 Resp: 8402

Ion Ratio Lower Upper

128 100

127 9.2 10.3 15.5#

129 11.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

