

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053491.D
 Acq On : 18 Jan 2019 23:45
 Operator : JC/SP
 Sample : K1011-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

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

Quant Time: Jan 19 02:08:39 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

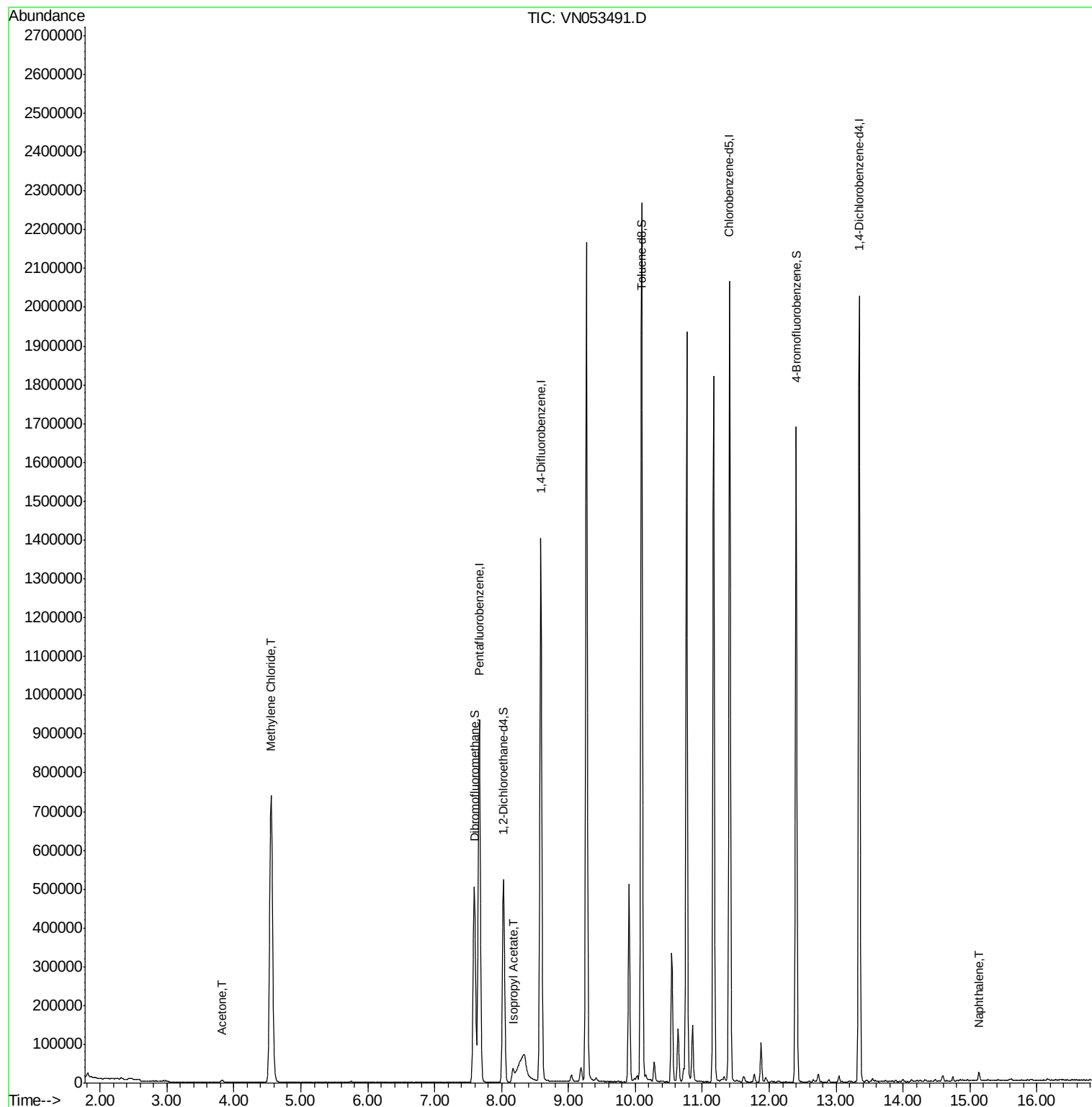
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	827980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1310800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1271705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	572083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433748	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
35) Dibromofluoromethane	7.59	113	388346	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.09	98	1647293	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	579764	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
Target Compounds						
16) Acetone	3.82	43	12370	6.442	ug/l	96
20) Methylene Chloride	4.56	84	590905	67.408	ug/l	99
43) Isopropyl Acetate	8.17	43	44130	3.573	ug/l #	81
95) Naphthalene	15.13	128	19929	5.266	ug/l	99

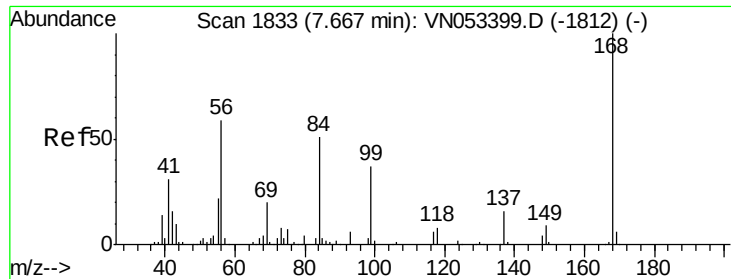
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

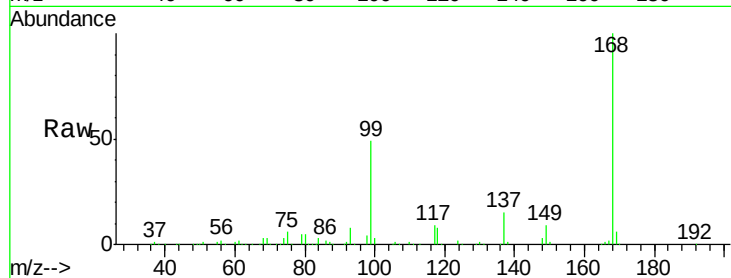
OR-03-011719-A

Tot Ion:168 Resp: 827980

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

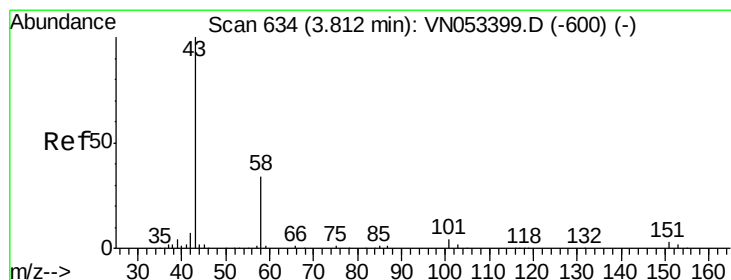
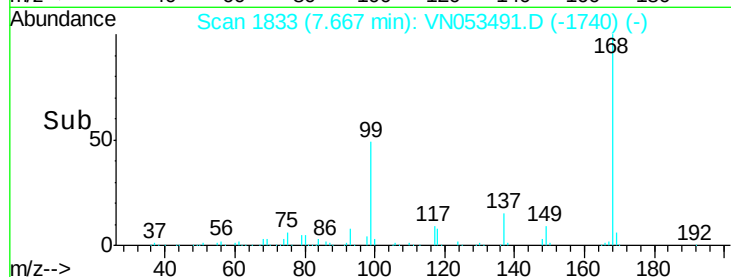
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.442 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053491.D

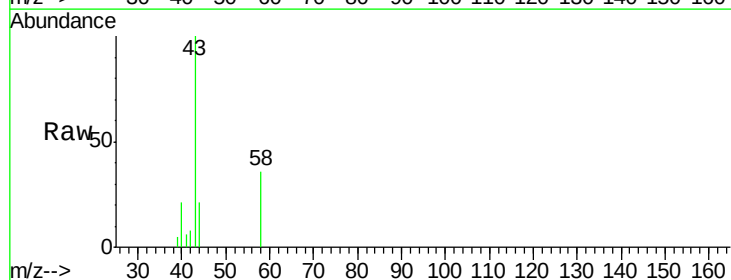
Acq: 18 Jan 2019 23:45

Tgt Ion: 43 Resp: 12370

Ion Ratio Lower Upper

43 100

58 36.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

4000

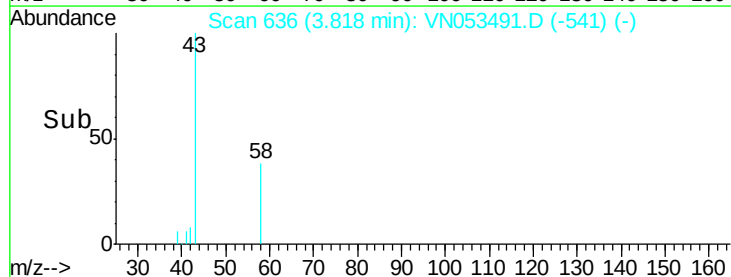
3000

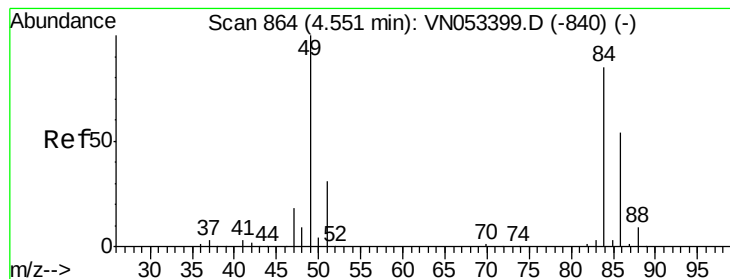
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 67.408 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

Tot Ion: 84 Resp: 590905

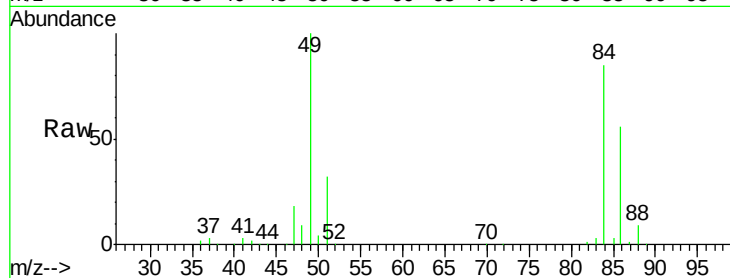
Ion Ratio Lower Upper

84 100

49 117.9 94.3 141.5

51 37.8 29.4 44.2

86 65.5 51.4 77.0

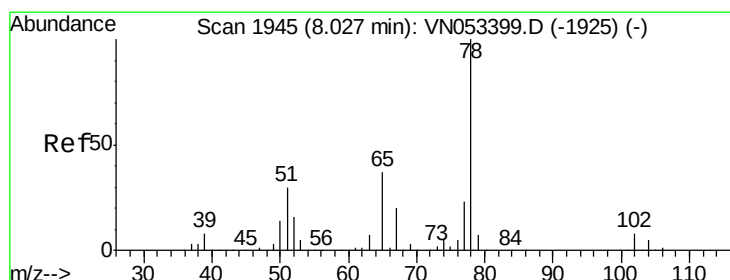
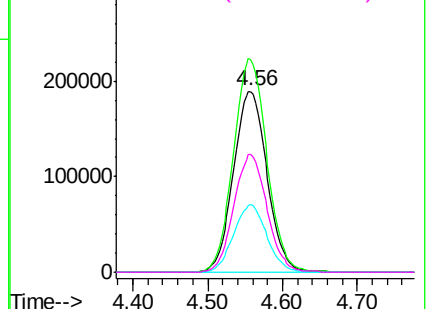
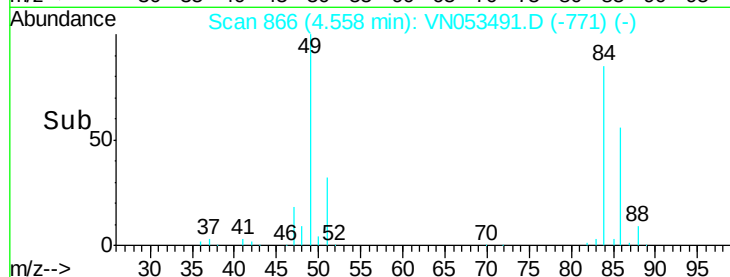


Abundance Ion 83.90 (83.60 to 84.60): VN0

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# 1946

Delta R.T. 0.00 min

Lab File: VN053491.D

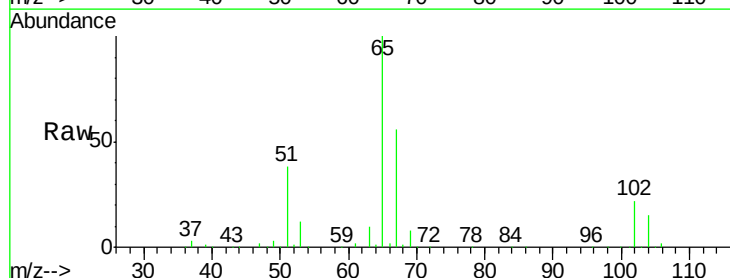
Acq: 18 Jan 2019 23:45

Tgt Ion: 65 Resp: 433748

Ion Ratio Lower Upper

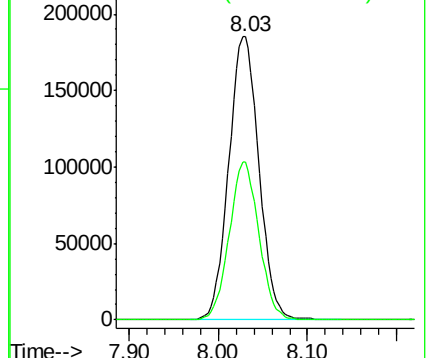
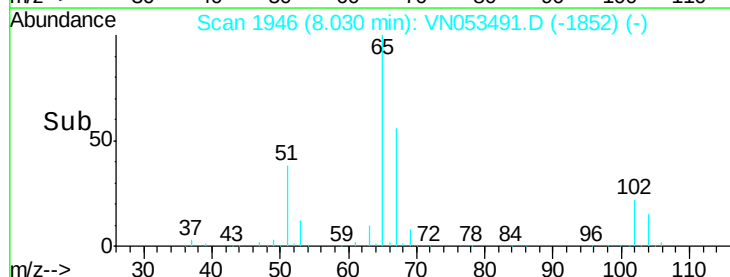
65 100

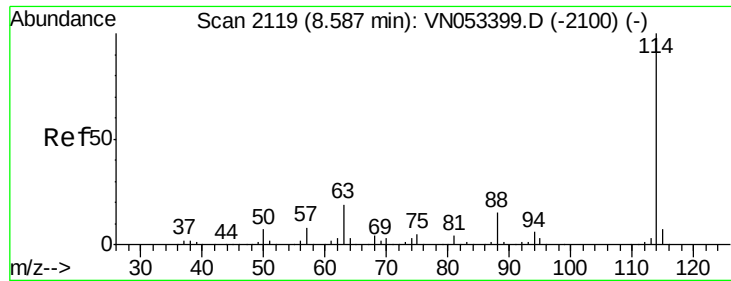
67 54.8 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

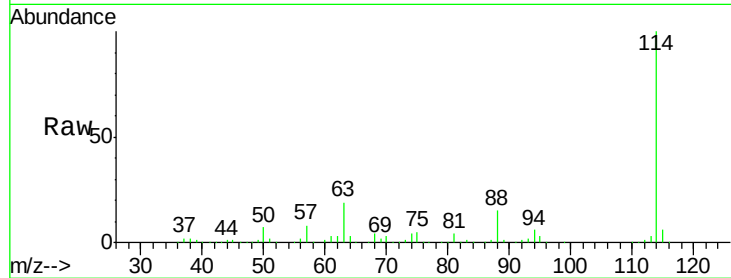




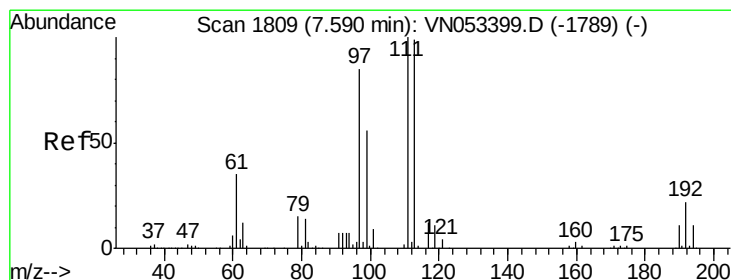
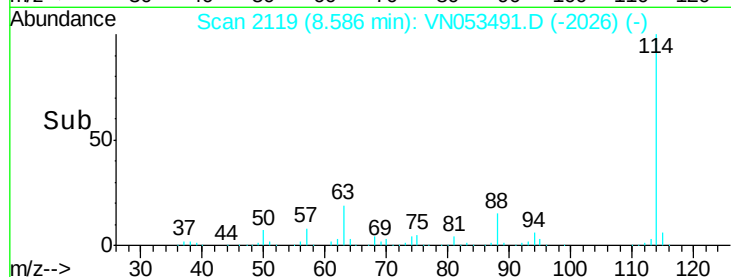
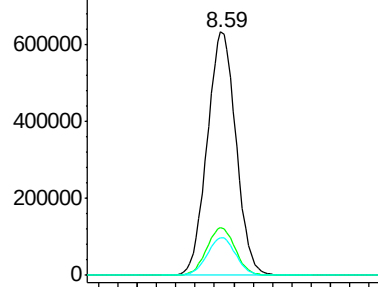
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

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

Tot Ion:114 Resp: 1310800
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.3 0.0 30.4

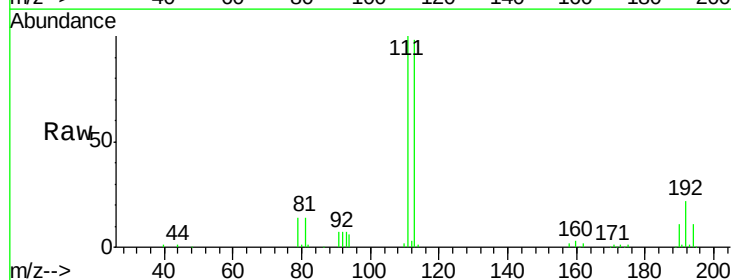


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

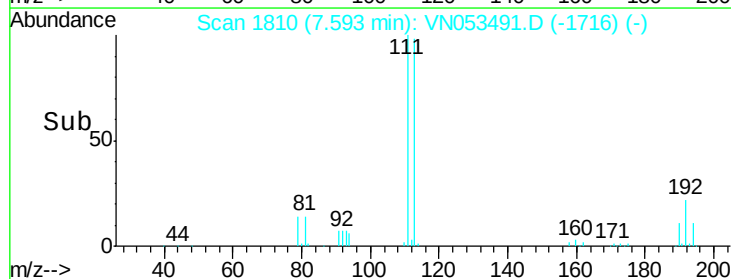
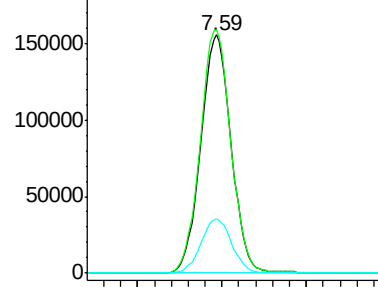


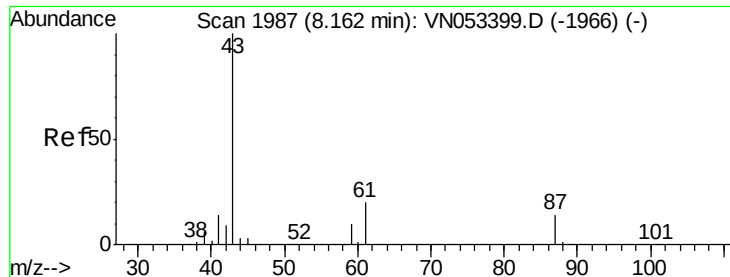
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

Tgt Ion:113 Resp: 388346
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 23.2 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: 3.573 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

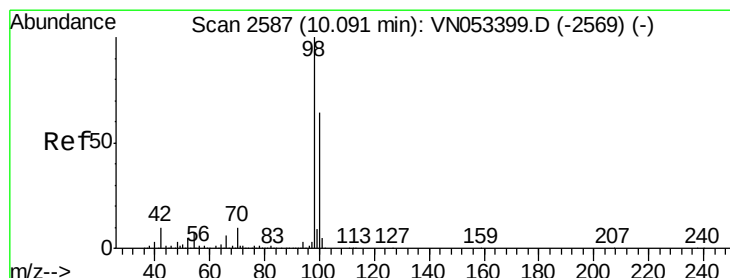
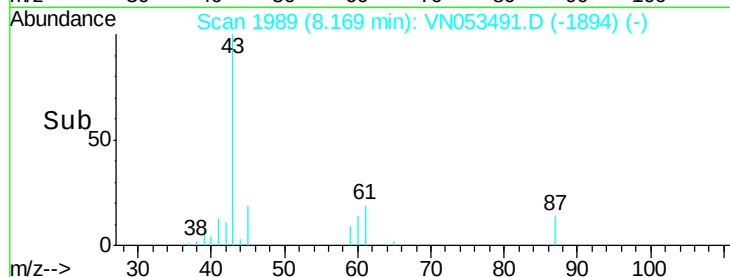
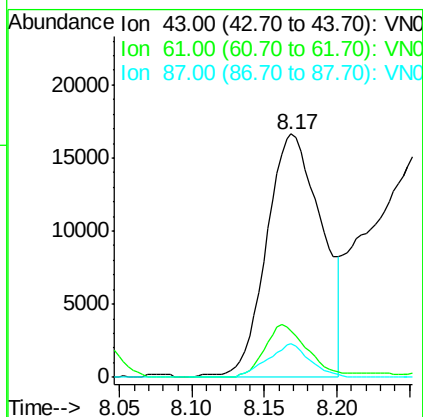
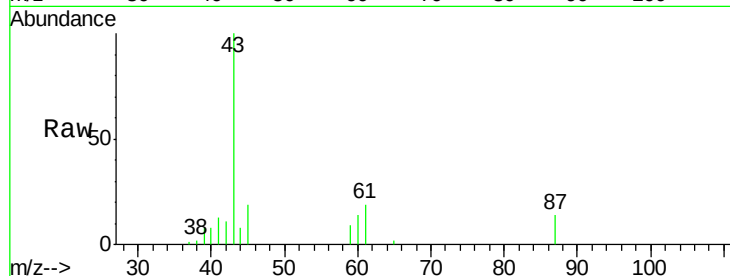
Tot Ion: 43 Resp: 44130

Ion Ratio Lower Upper

43 100

61 17.0 23.9 35.9#

87 10.5 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: VN053491.D

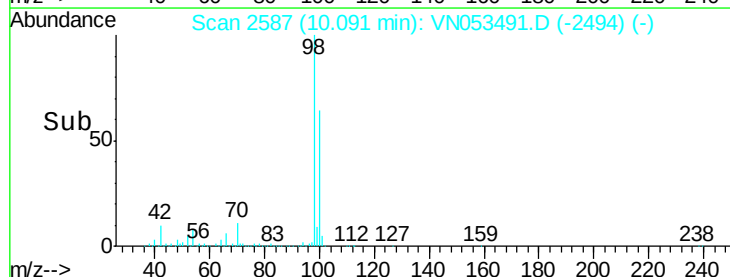
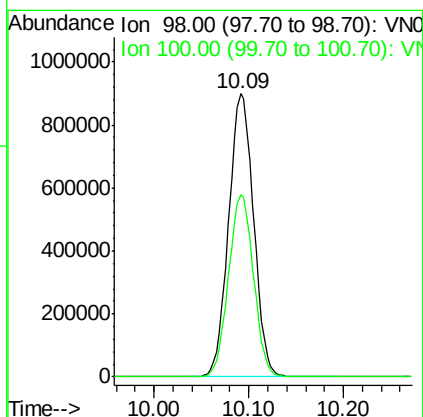
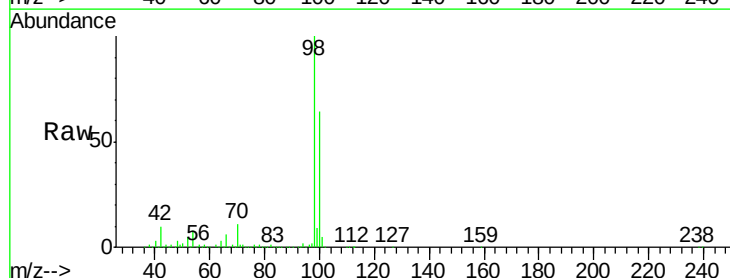
Acq: 18 Jan 2019 23:45

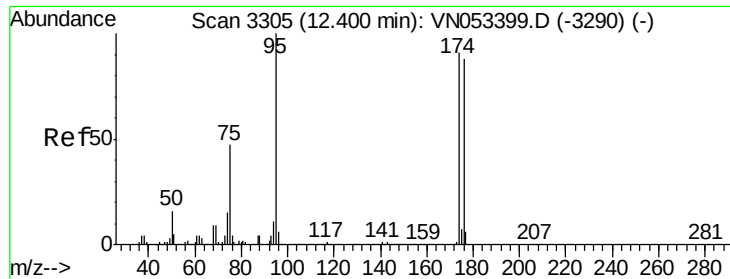
Tgt Ion: 98 Resp: 1647293

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

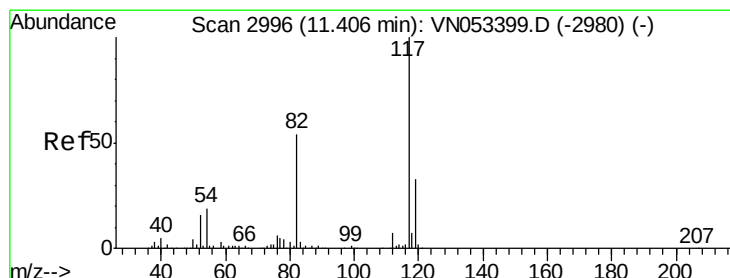
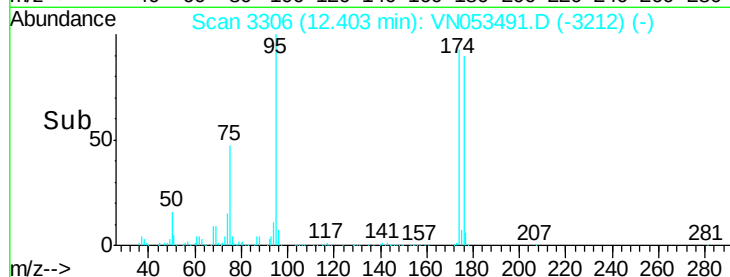
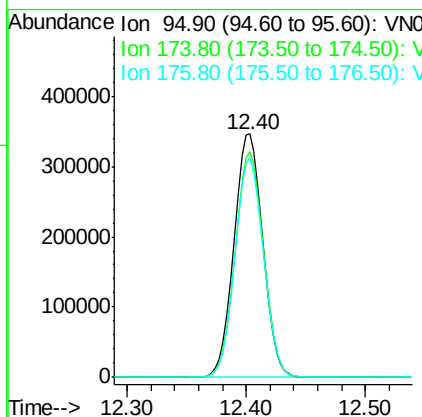
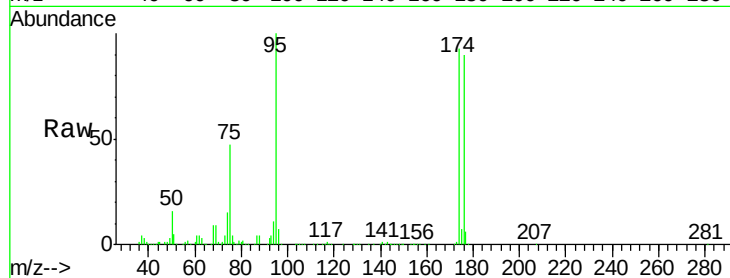




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

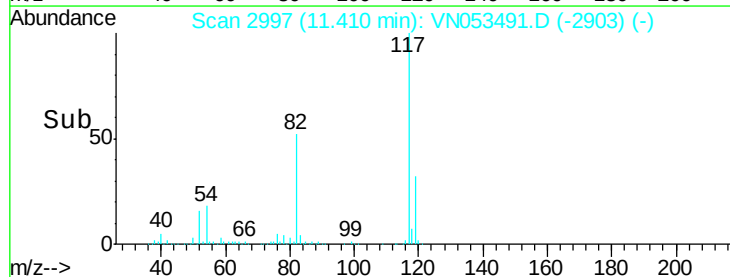
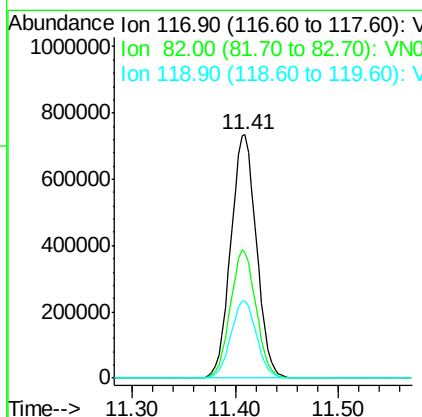
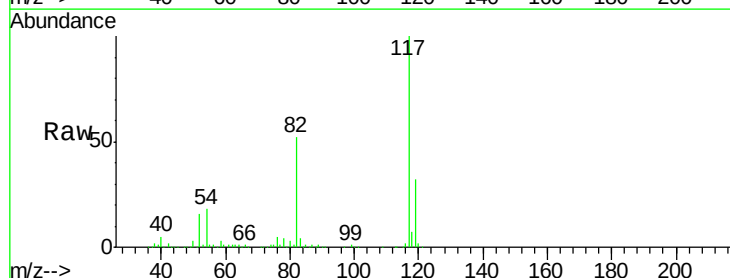
Instrument :
MSVOA_N
ClientSampleId :
OR-03-011719-A

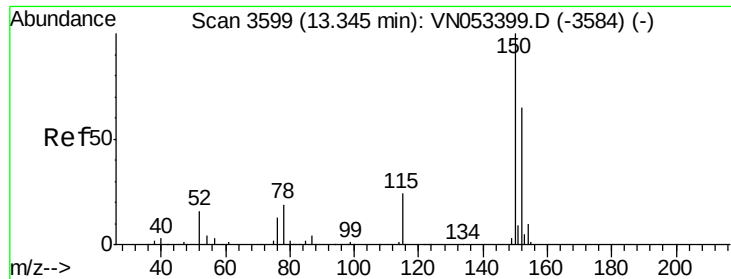
Tot Ion: 95 Resp: 579764
Ion Ratio Lower Upper
95 100
174 92.3 0.0 183.2
176 89.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053491.D
Acq: 18 Jan 2019 23:45

Tgt Ion: 117 Resp: 1271705
Ion Ratio Lower Upper
117 100
82 52.0 42.9 64.3
119 31.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-011719-A

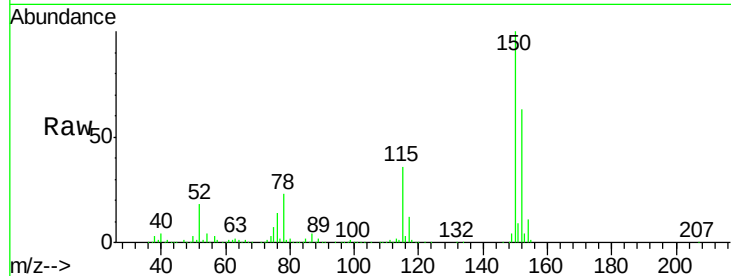
Tot Ion:152 Resp: 572083

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

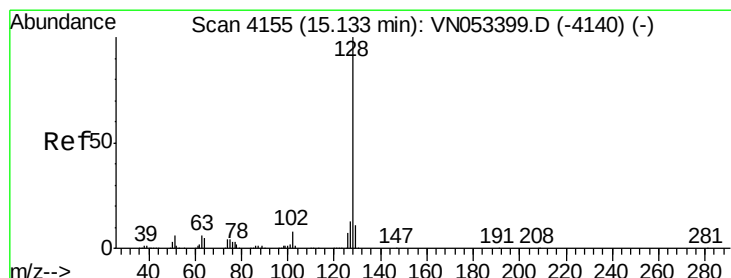
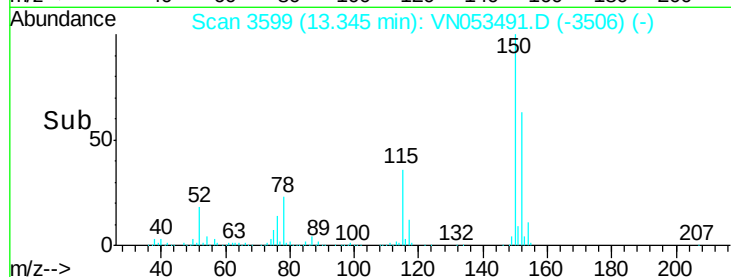
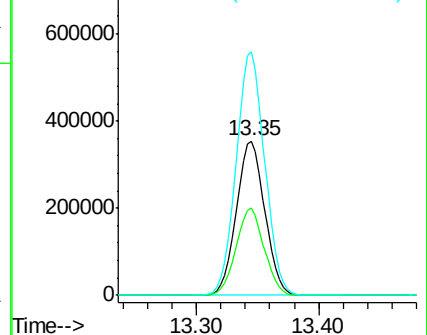
150 158.2 0.0 349.0



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



#95

Naphthalene

Concen: 5.266 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053491.D

Acq: 18 Jan 2019 23:45

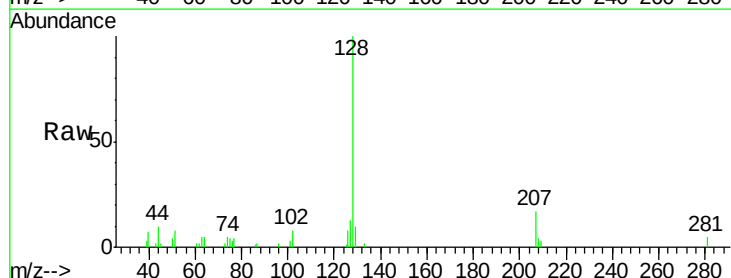
Tgt Ion:128 Resp: 19929

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.3 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

