

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054397.D
 Acq On : 18 Mar 2019 16:44
 Operator : JC/SP
 Sample : K1960-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-3-8.0-031519

Quant Time: Mar 19 09:58:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

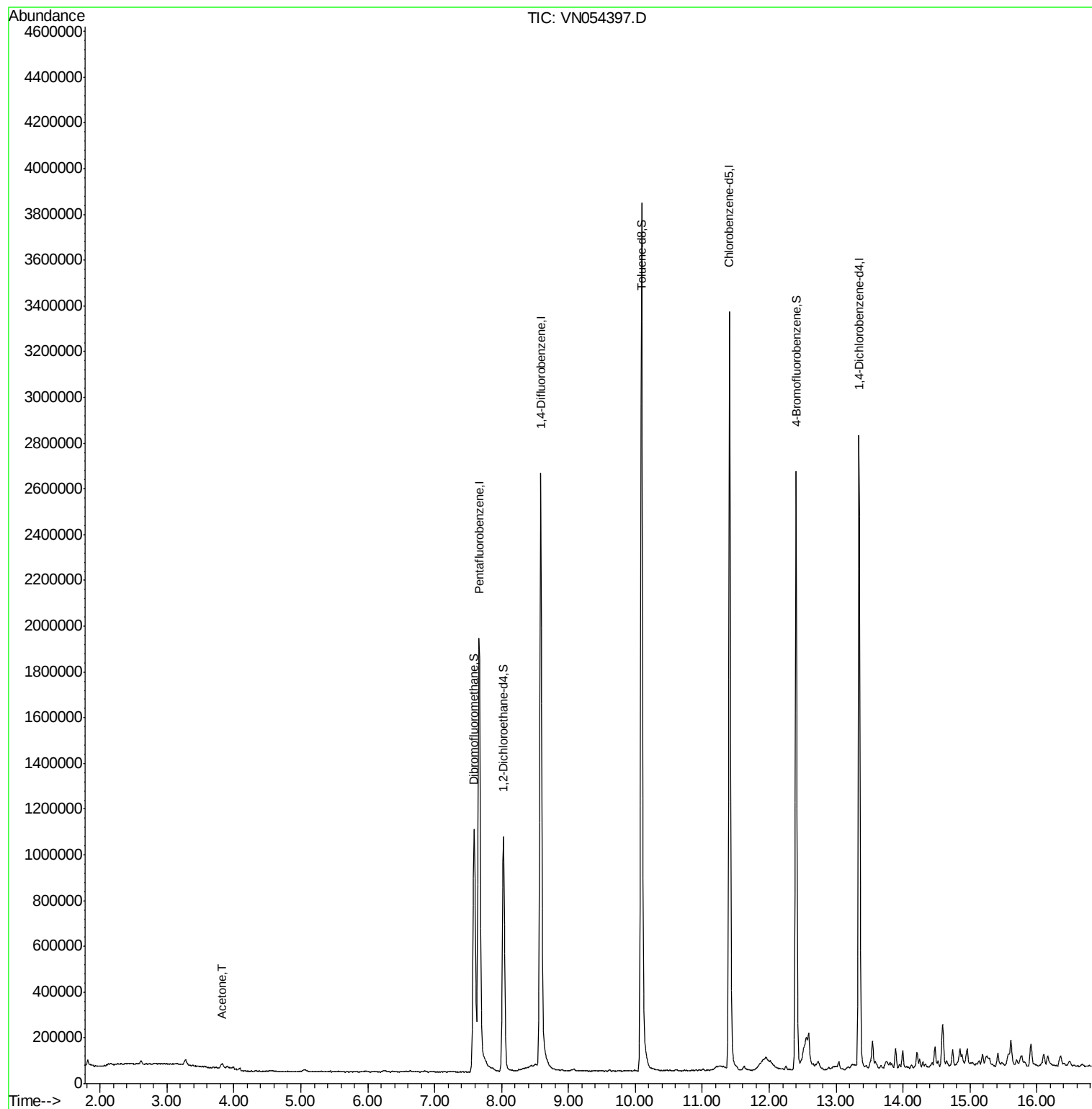
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1885652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2689293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2207259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	812933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	902997	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	7.59	113	807835	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
50) Toluene-d8	10.09	98	3074133	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	905844	40.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.82%	
Target Compounds						
16) Acetone	3.82	43	30994	5.405	ug/l	Qvalue 97

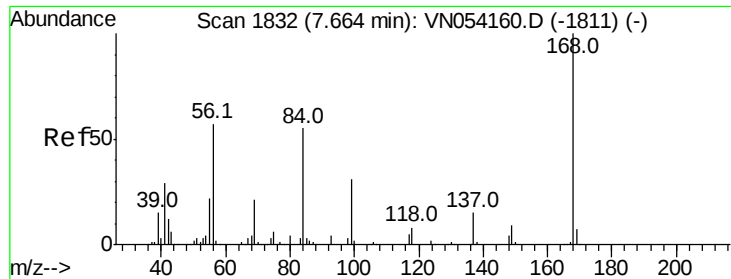
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

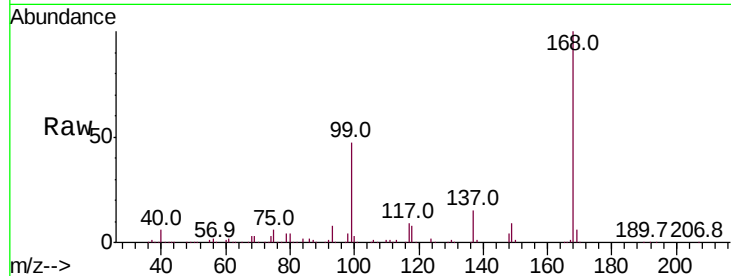
T11-MW-3-8.0-031519

Tot Ion:168 Resp: 1885652

Ion Ratio Lower Upper

168 100

99 47.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

800000

600000

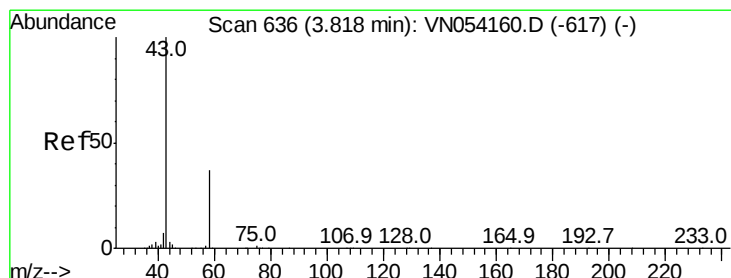
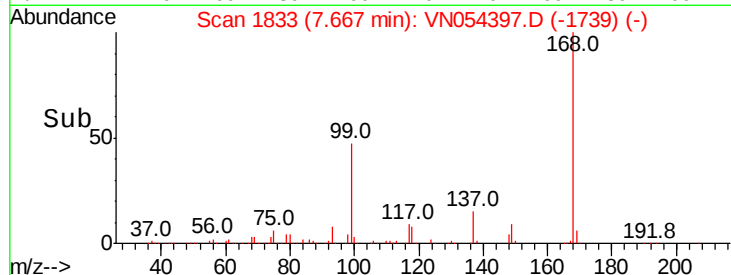
400000

200000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.405 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054397.D

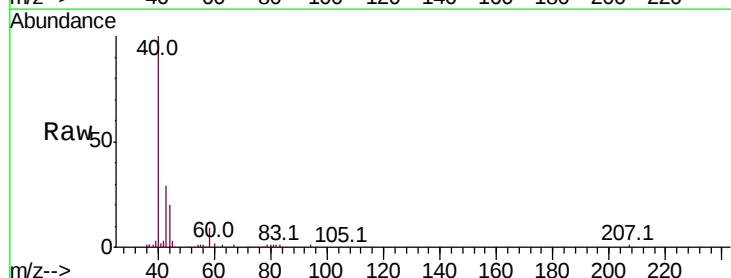
Acq: 18 Mar 2019 16:44

Tgt Ion: 43 Resp: 30994

Ion Ratio Lower Upper

43 100

58 35.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

15000

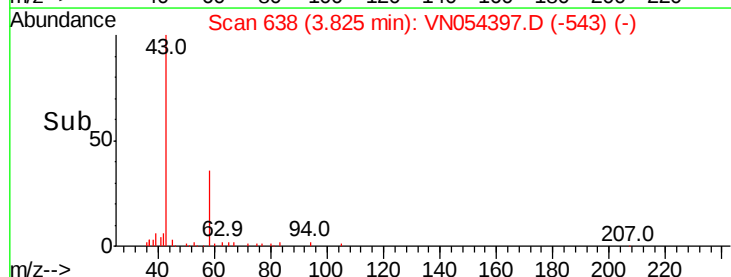
10000

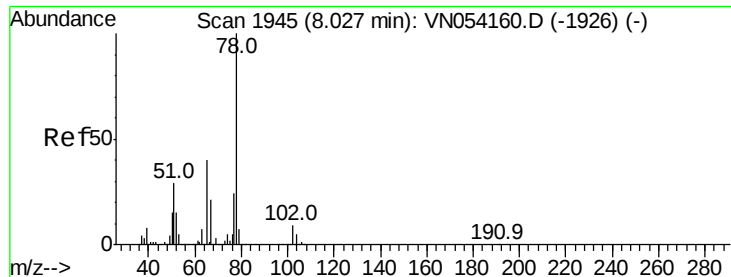
5000

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 45.092 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

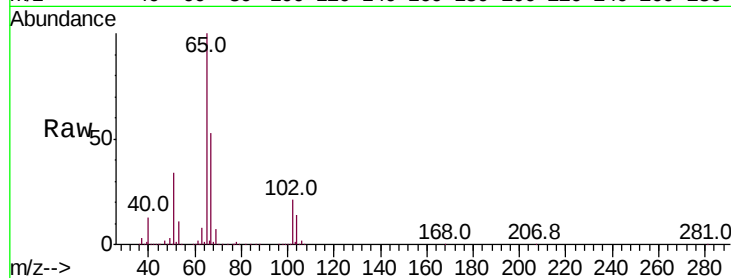
T11-MW-3-8.0-031519

Tot Ion: 65 Resp: 902997

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

300000

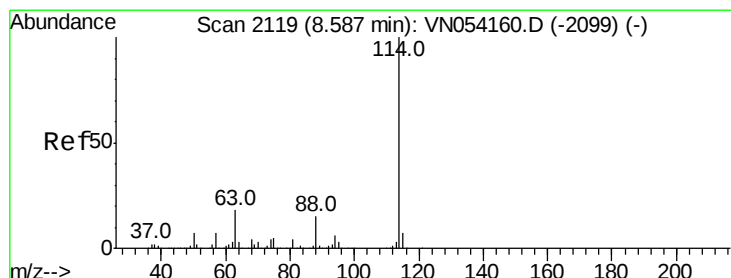
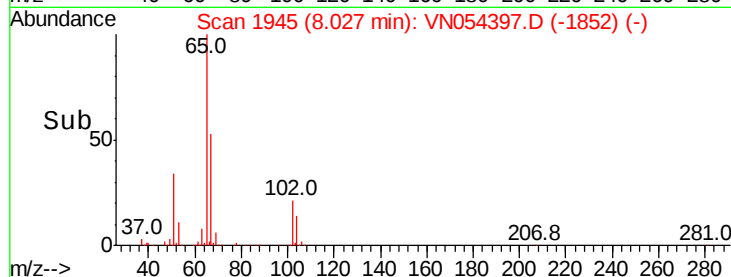
200000

100000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

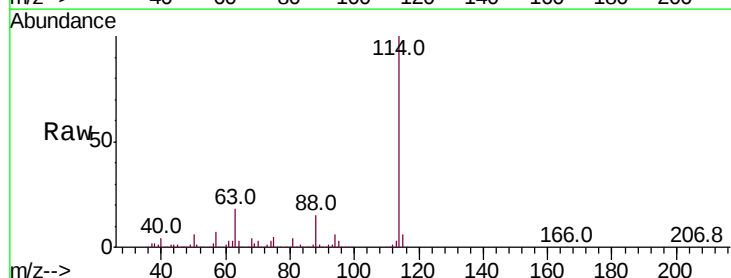
Tgt Ion:114 Resp: 2689293

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1500000

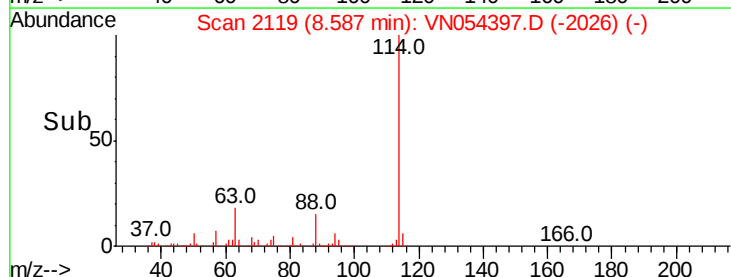
1000000

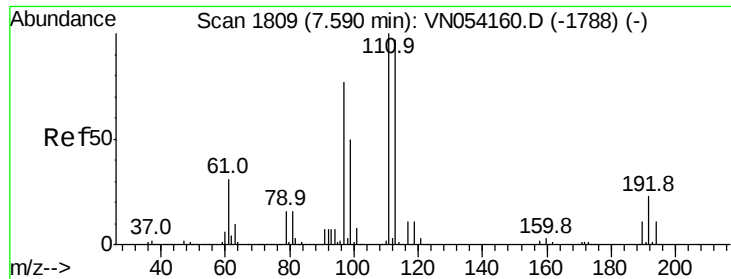
500000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 46.575 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519

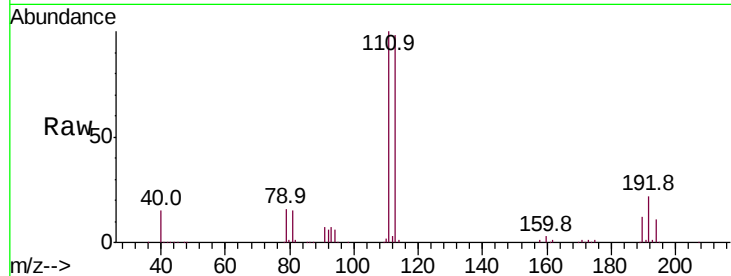
Tot Ion:113 Resp: 807835

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

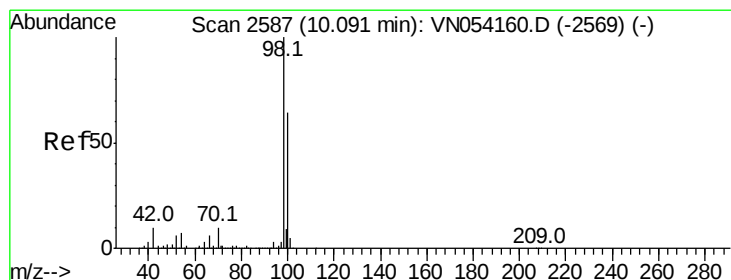
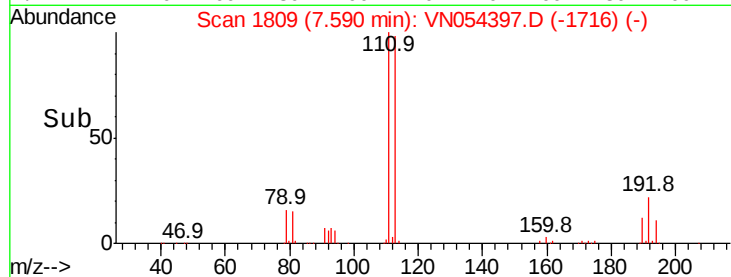
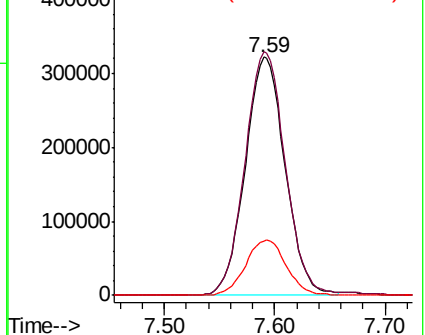
192 23.7 19.2 28.8



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



#50

Toluene-d8

Concen: 47.991 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054397.D

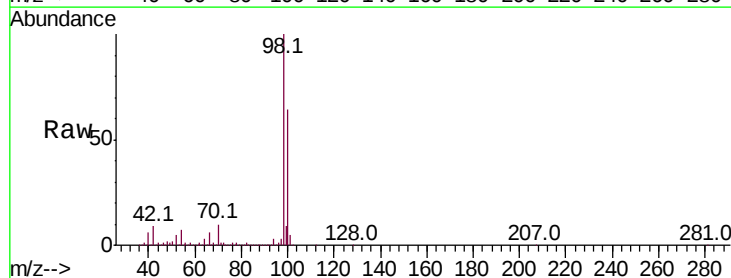
Acq: 18 Mar 2019 16:44

Tgt Ion: 98 Resp: 3074133

Ion Ratio Lower Upper

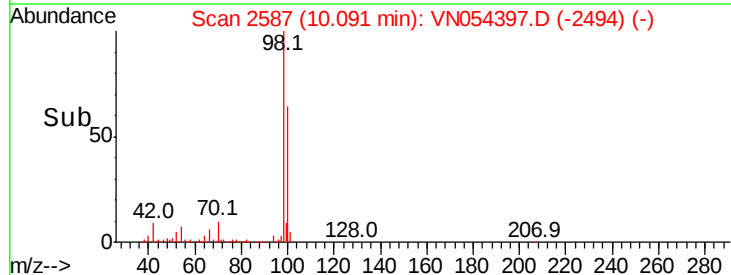
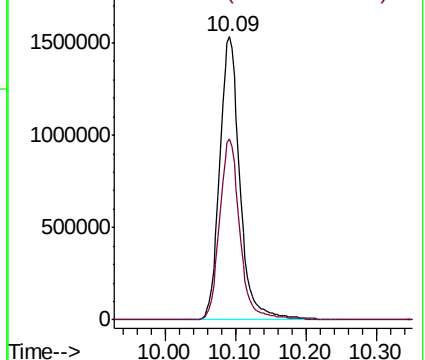
98 100

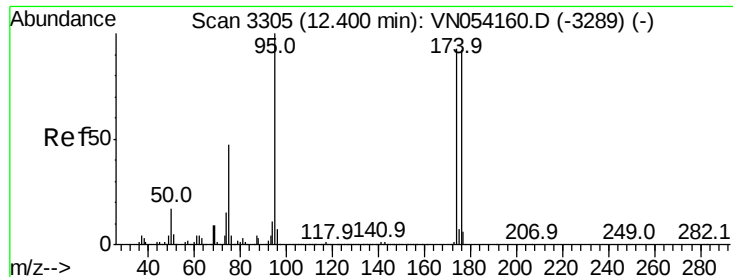
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.415 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

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T11-MW-3-8.0-031519

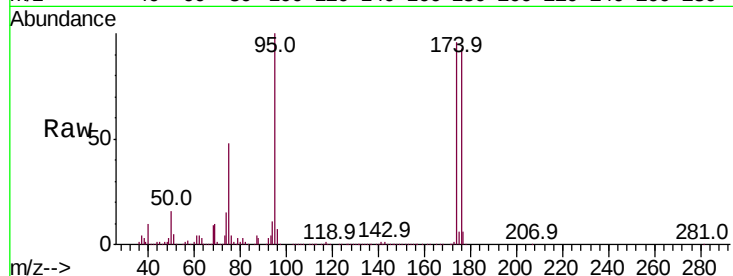
Tot Ion: 95 Resp: 905844

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

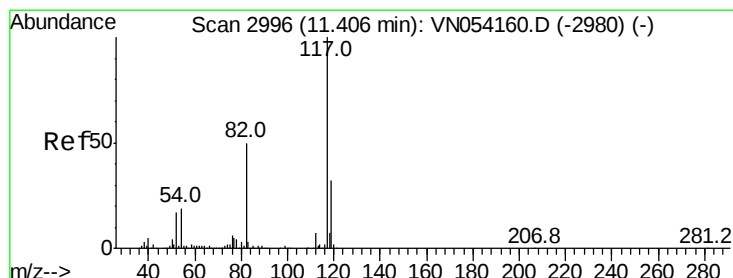
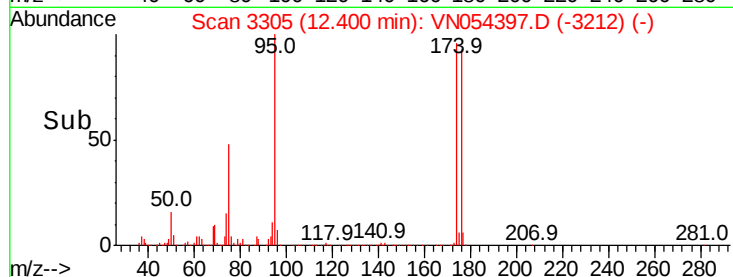
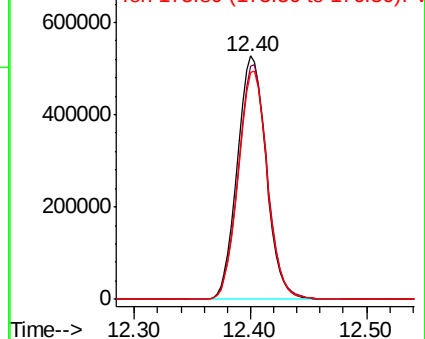
176 94.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

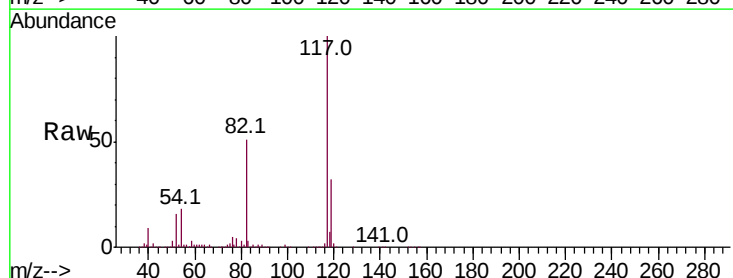
Tgt Ion: 117 Resp: 2207259

Ion Ratio Lower Upper

117 100

82 50.6 40.0 60.0

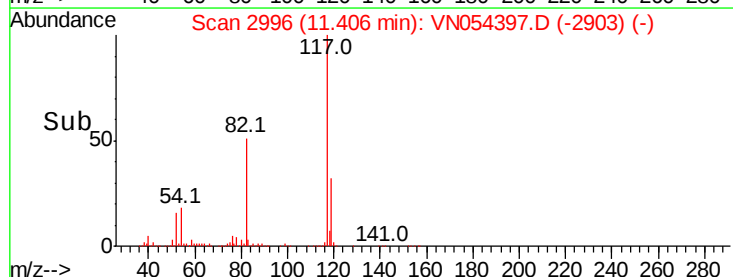
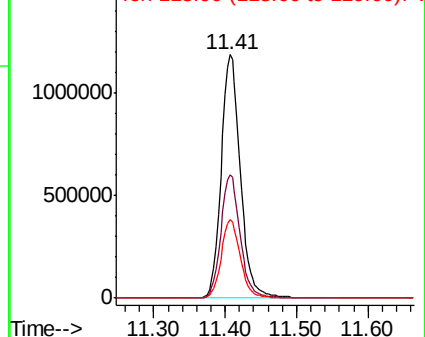
119 32.2 25.8 38.6

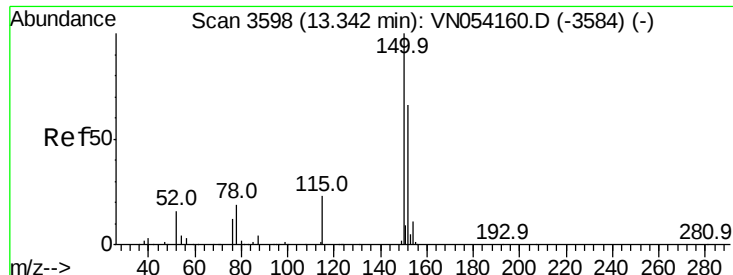


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054397.D

Acq: 18 Mar 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-3-8.0-031519

Tot Ion:152 Resp: 812933

Ion Ratio Lower Upper

152 100

115 55.3 27.2 81.6

150 155.7 0.0 349.2

