

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057037.D
 Acq On : 1 Aug 2019 15:11
 Operator : JC/SP
 Sample : K4097-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-518-520

Quant Time: Aug 02 06:03:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

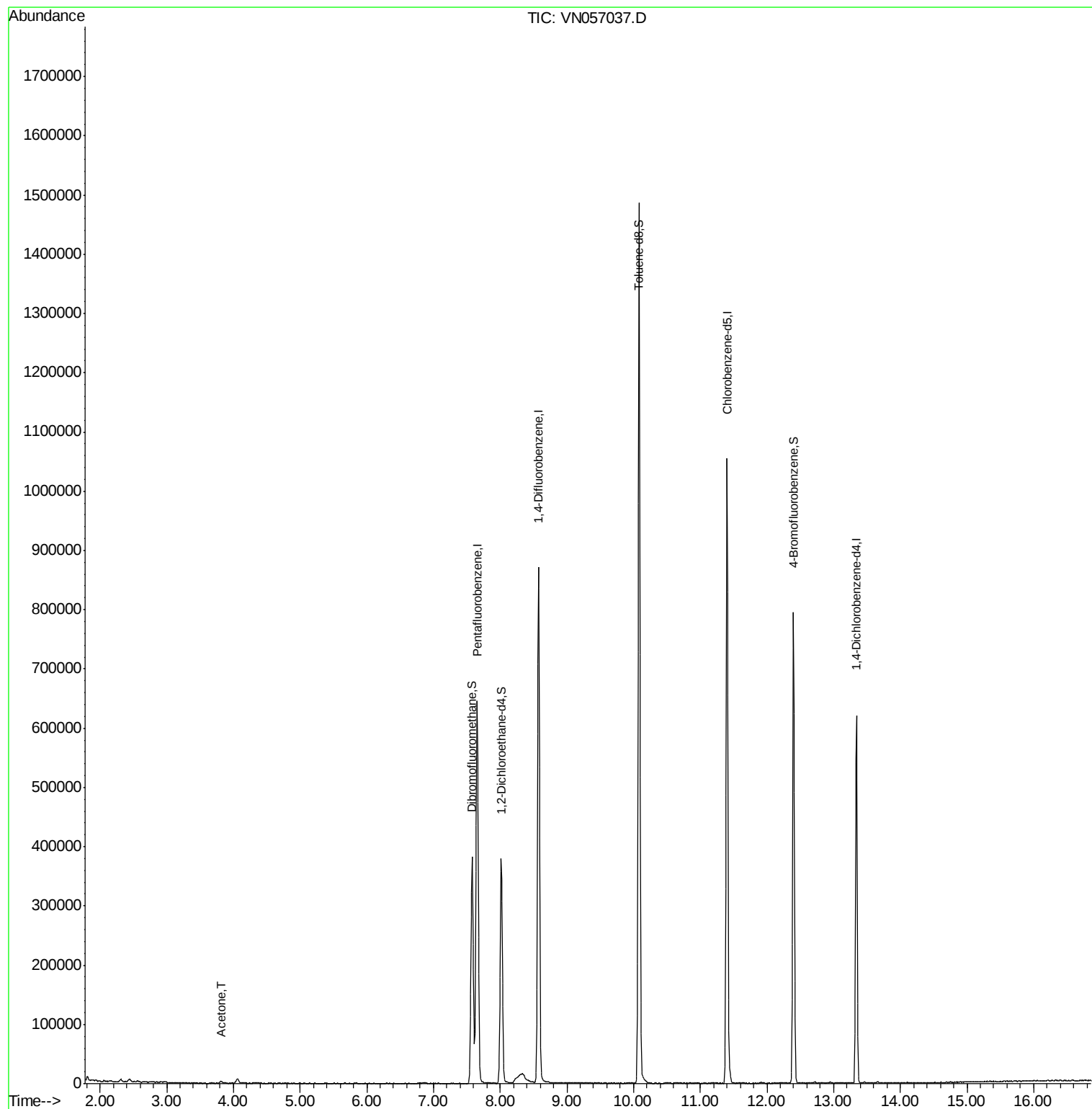
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	574211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	831367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	680579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	322497	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	7.58	113	294308	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
50) Toluene-d8	10.08	98	1101825	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.40	95	289149	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	3.82	43	6475	3.041	ug/l	Qvalue 94

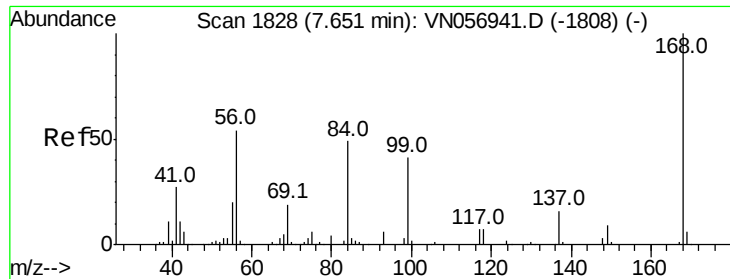
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080119\
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QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

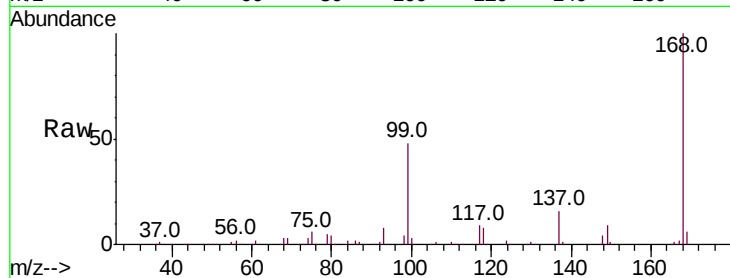
BP-VPB203-GW-518-520

Tot Ion:168 Resp: 574211

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

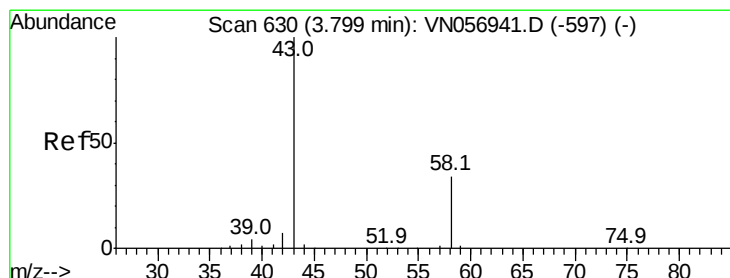
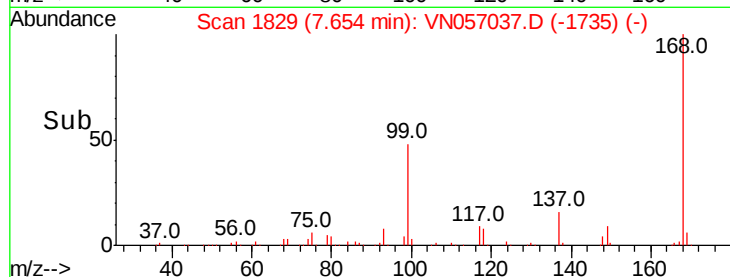
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.041 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN057037.D

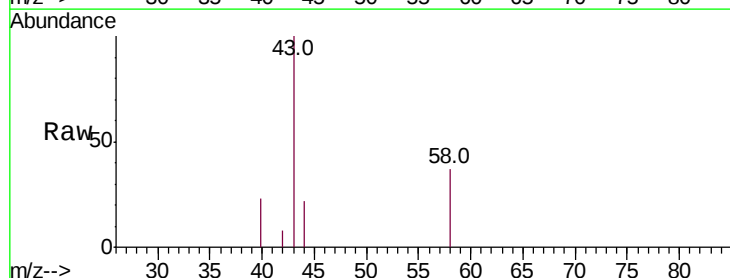
Acq: 1 Aug 2019 15:11

Tgt Ion: 43 Resp: 6475

Ion Ratio Lower Upper

43 100

58 37.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

2000

1500

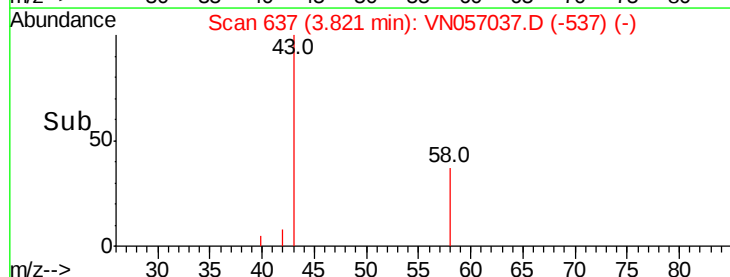
1000

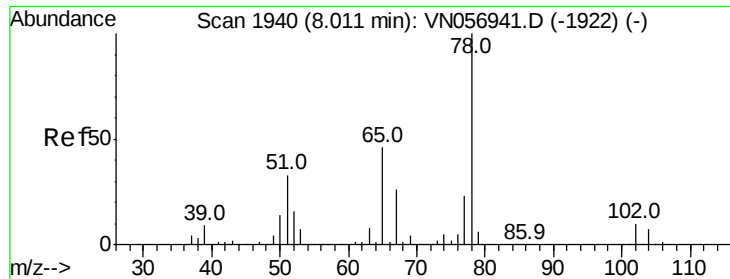
500

0

3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.866 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

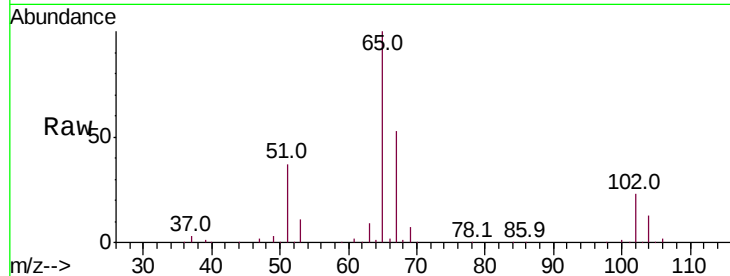
BP-VPB203-GW-518-520

Tot Ion: 65 Resp: 322497

Ion Ratio Lower Upper

65 100

67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

8.02

150000

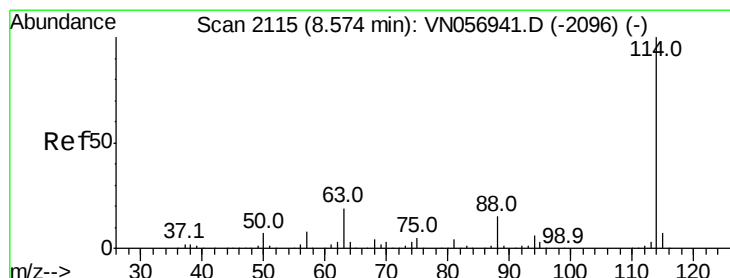
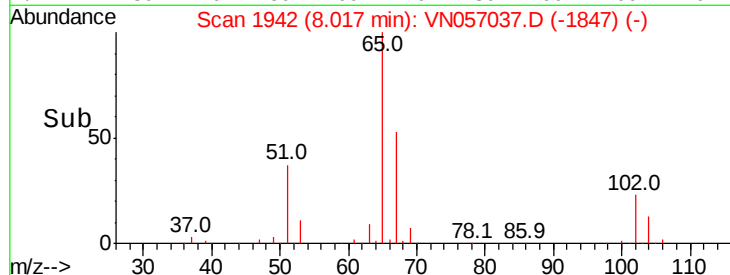
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

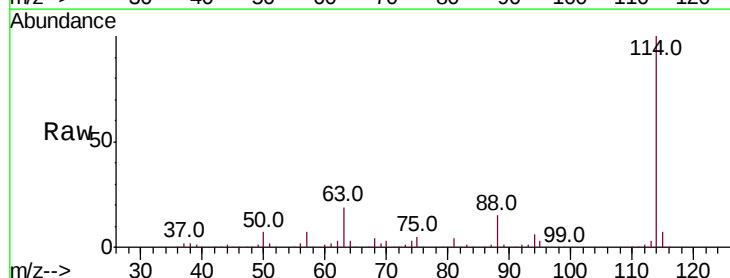
Tgt Ion:114 Resp: 831367

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): VN056941.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN056941.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN056941.D (-2096) (-)

8.58

500000

400000

300000

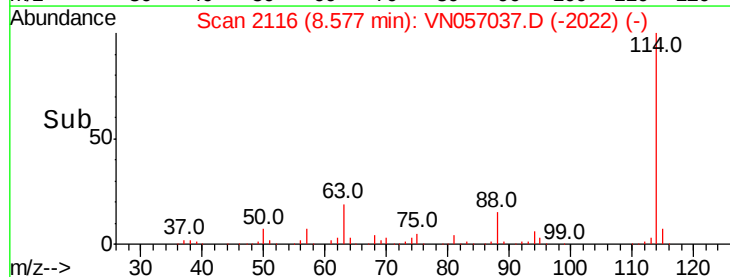
200000

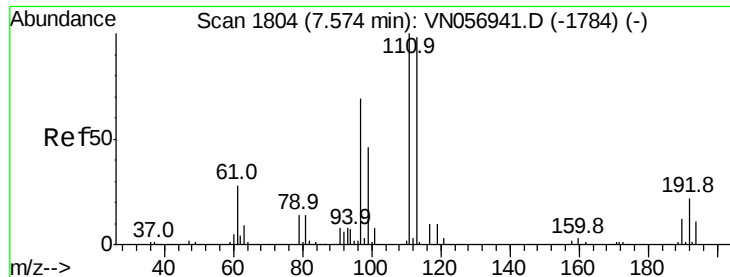
100000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#35

Dibromofluoromethane

Concen: 55.299 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-518-520

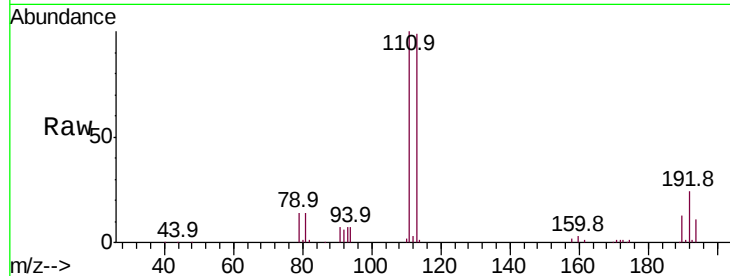
Tot Ion:113 Resp: 294308

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

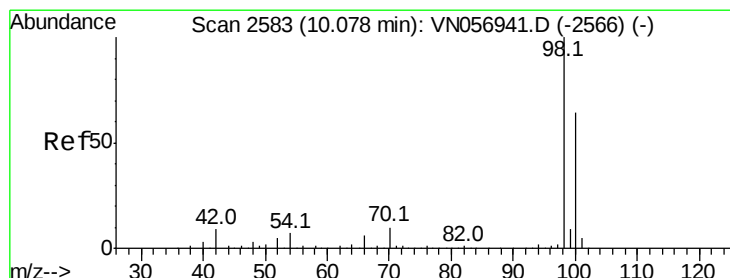
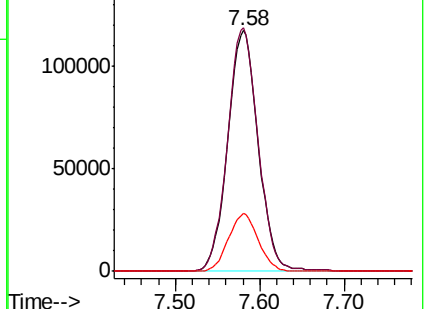
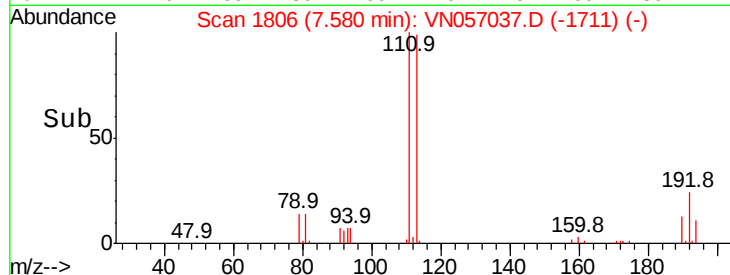
192 23.5 18.4 27.6



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: 54.288 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057037.D

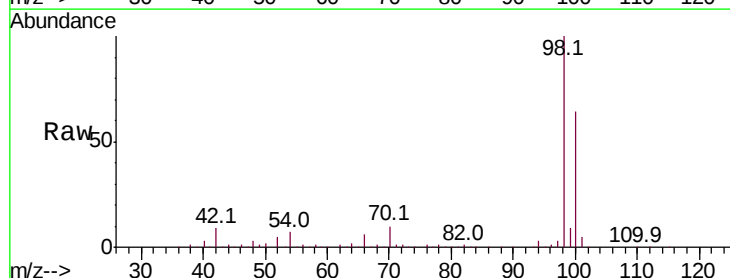
Acq: 1 Aug 2019 15:11

Tgt Ion: 98 Resp: 1101825

Ion Ratio Lower Upper

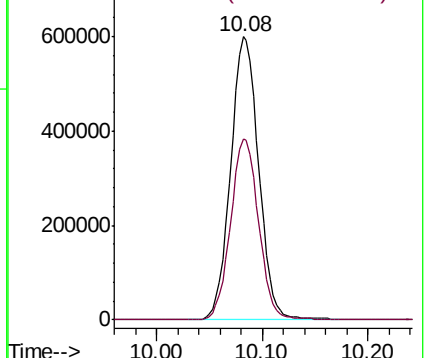
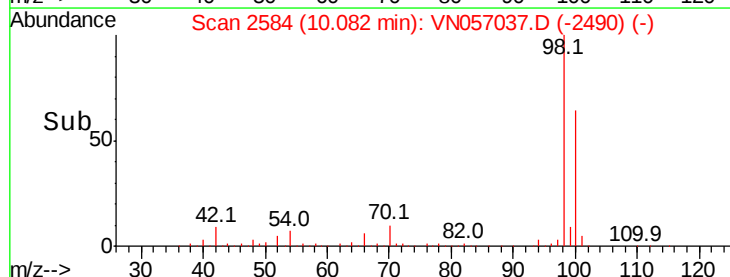
98 100

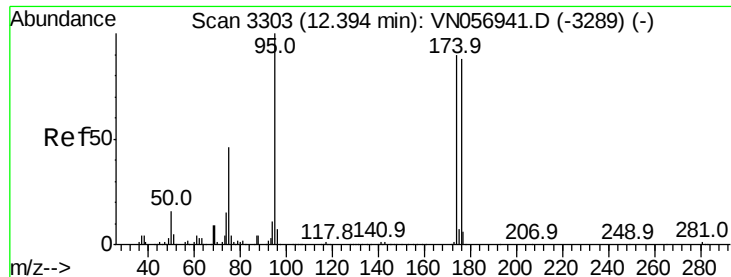
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 43.763 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-518-520

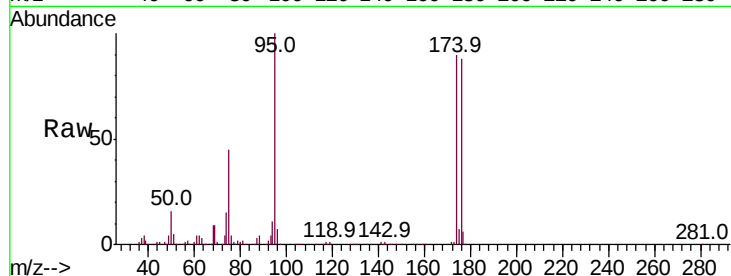
Tot Ion: 95 Resp: 289149

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.2

176 90.6 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

12.40

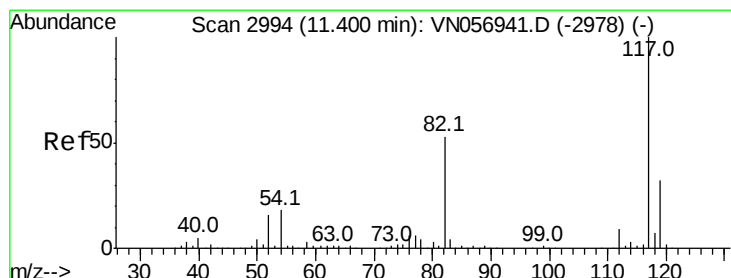
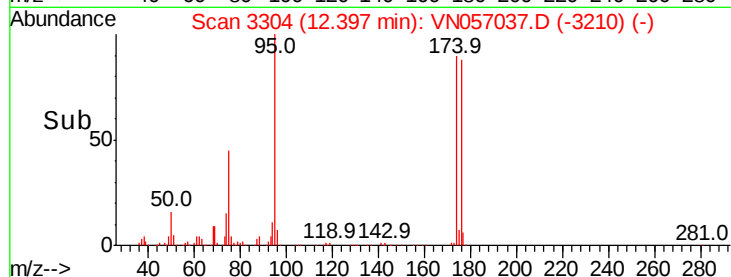
150000

100000

50000

0

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

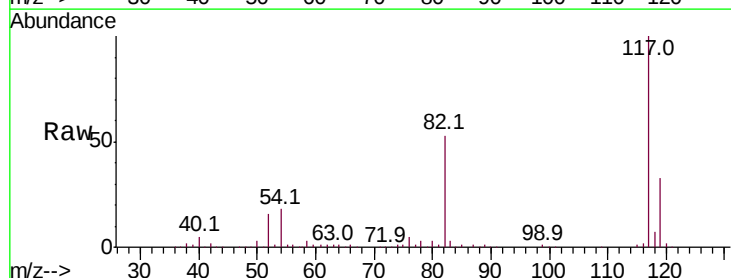
Tgt Ion: 117 Resp: 680579

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)

11.40

500000

400000

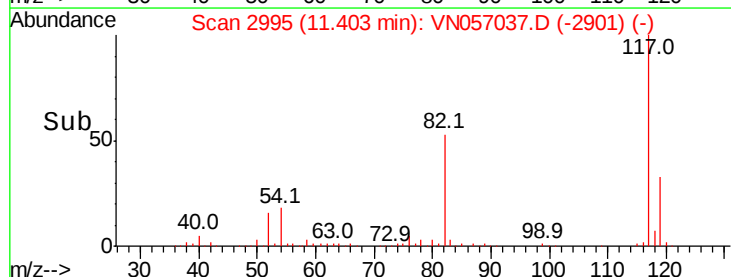
300000

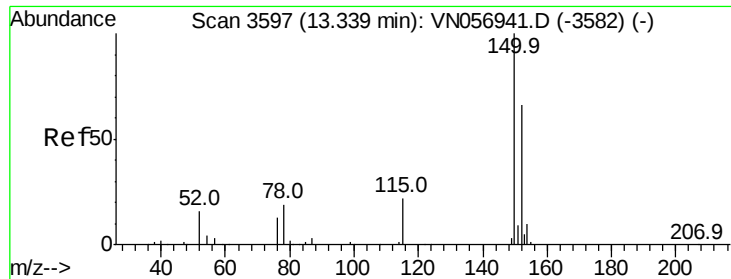
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057037.D

Acq: 1 Aug 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-518-520

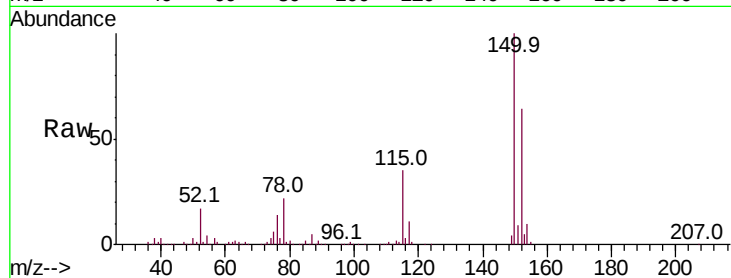
Tot Ion:152 Resp: 185543

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.6

150 157.0 0.0 349.4



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

