

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057042.D
 Acq On : 1 Aug 2019 17:08
 Operator : JC/SP
 Sample : K4097-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-458-460

Quant Time: Aug 02 06:40:59 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

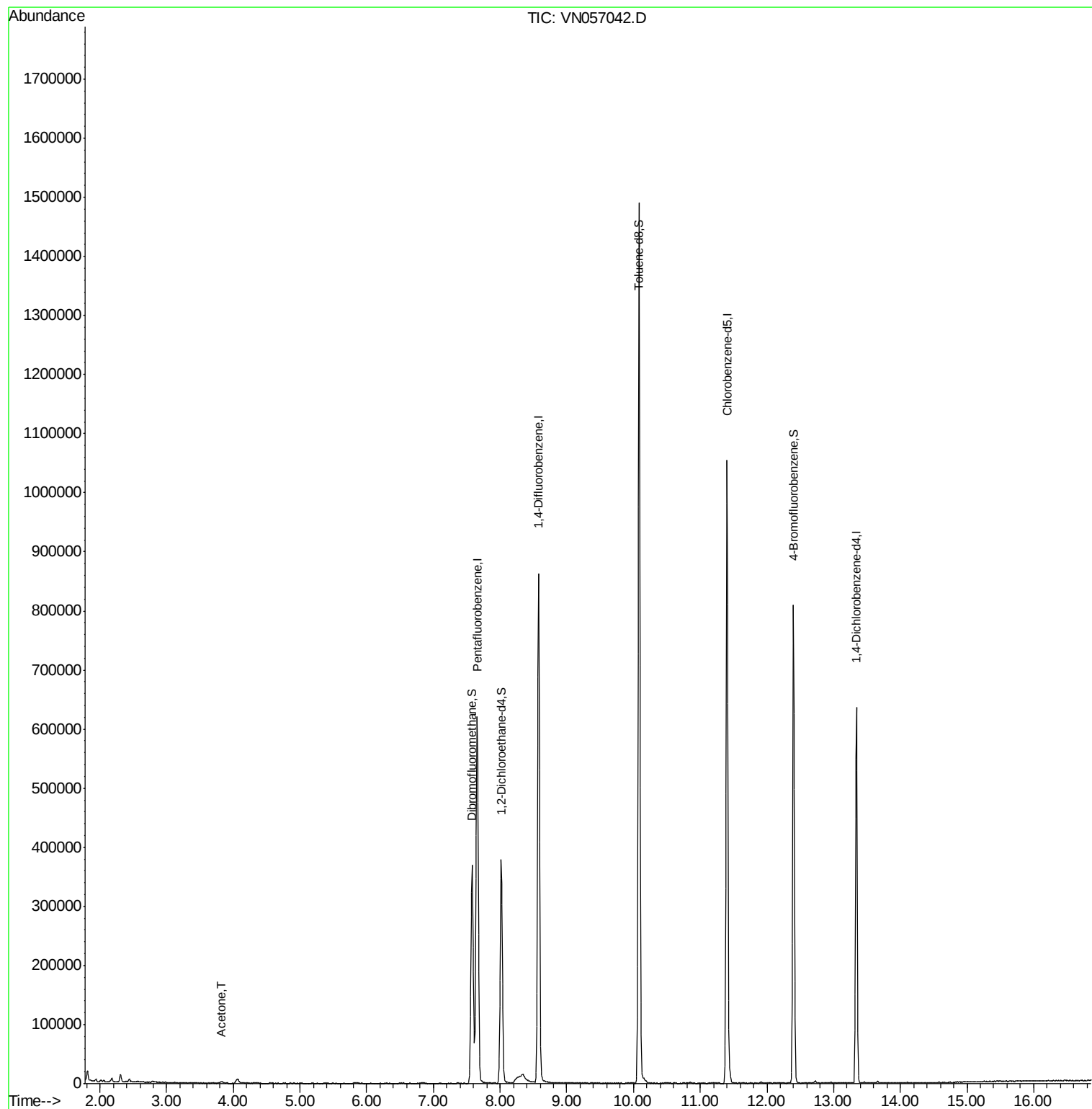
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	564447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	816528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	676236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	319532	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
35) Dibromofluoromethane	7.58	113	290305	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
50) Toluene-d8	10.08	98	1092513	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.40	95	289358	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
16) Acetone	3.82	43	5749	2.746	ug/l	Qvalue 95

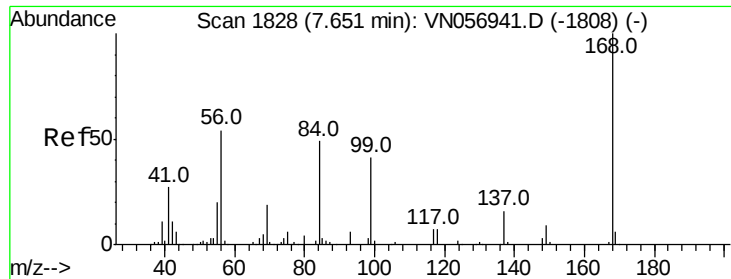
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057042.D

Acq: 1 Aug 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

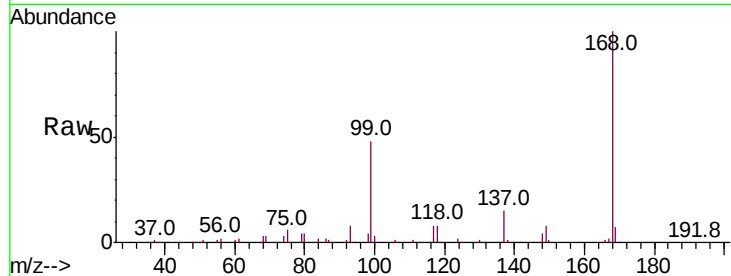
BP-VPB203-GW-458-460

Tot Ion:168 Resp: 564447

Ion Ratio Lower Upper

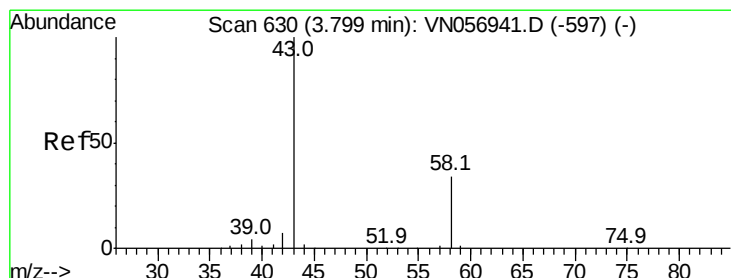
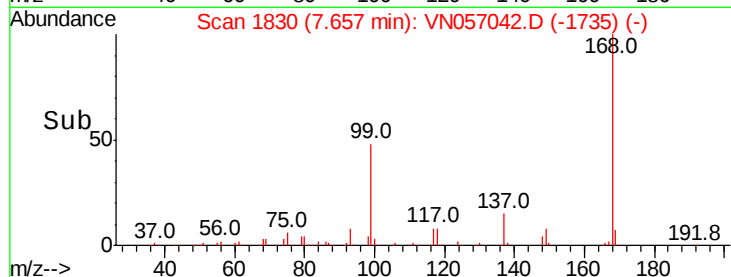
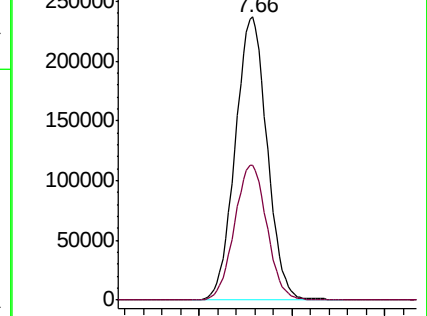
168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 2.746 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057042.D

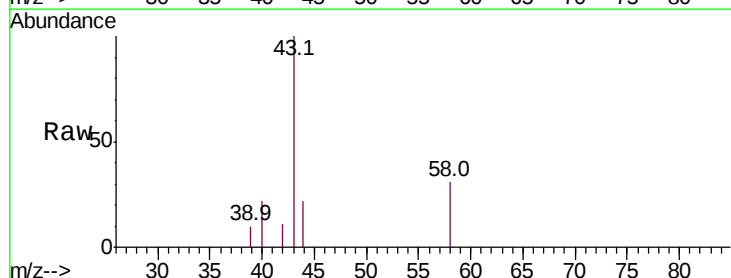
Acq: 1 Aug 2019 17:08

Tgt Ion: 43 Resp: 5749

Ion Ratio Lower Upper

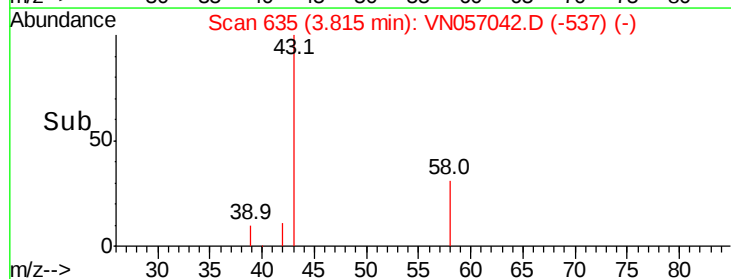
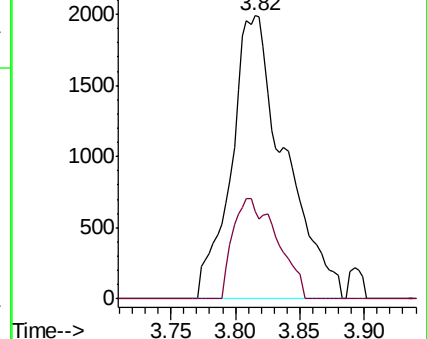
43 100

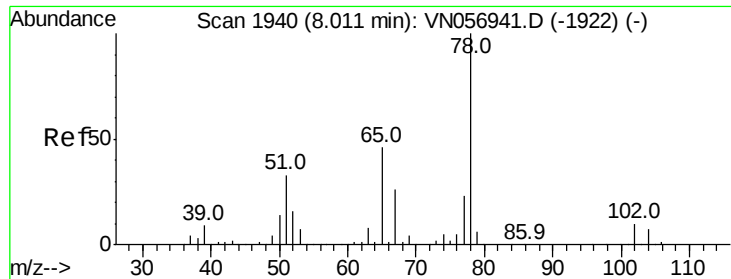
58 30.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 55.302 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057042.D

Acq: 1 Aug 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

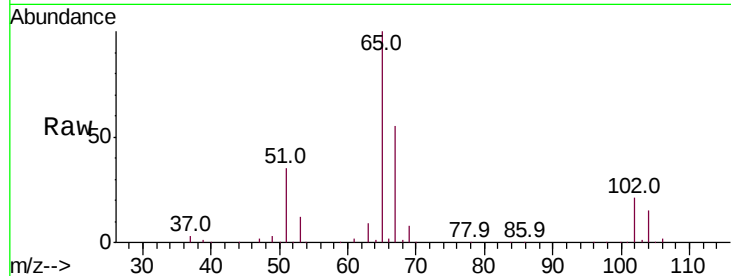
BP-VPB203-GW-458-460

Tot Ion: 65 Resp: 319532

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

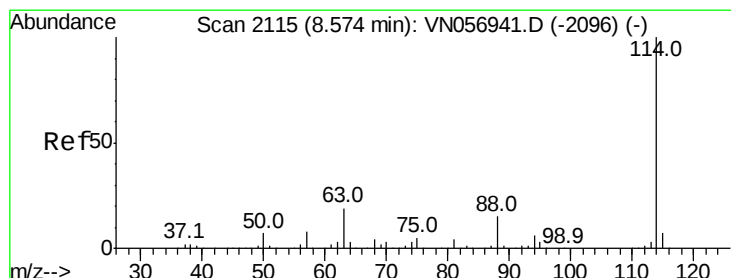
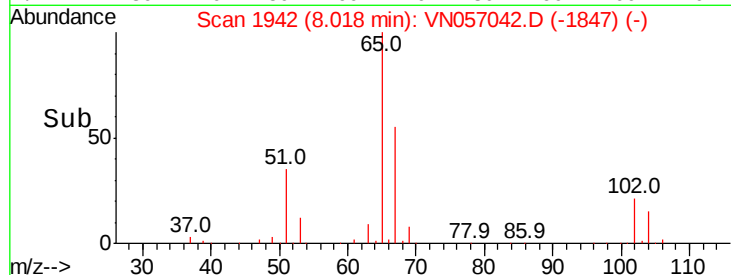
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057042.D

Acq: 1 Aug 2019 17:08

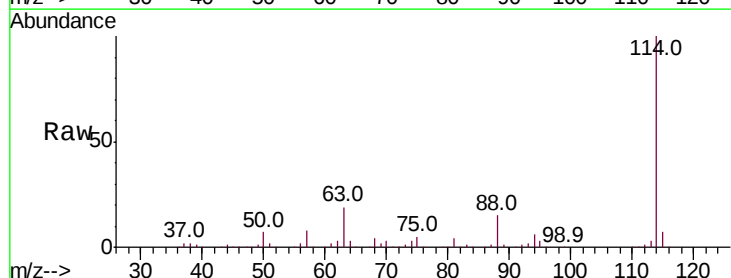
Tgt Ion:114 Resp: 816528

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

88 15.3 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

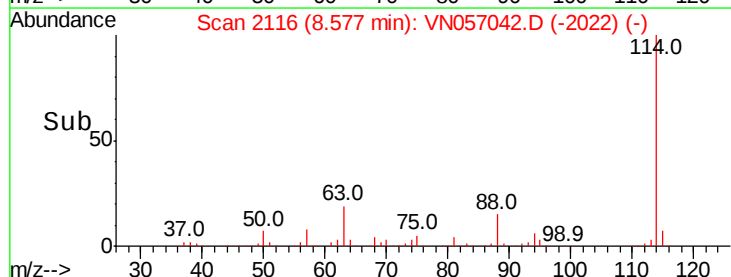
300000

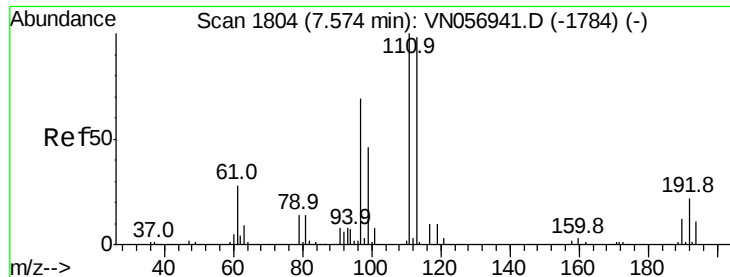
200000

100000

0

Time-->

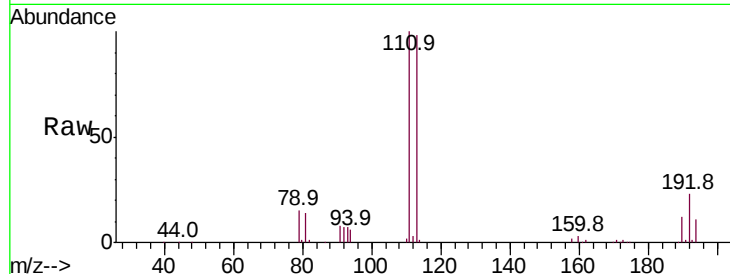




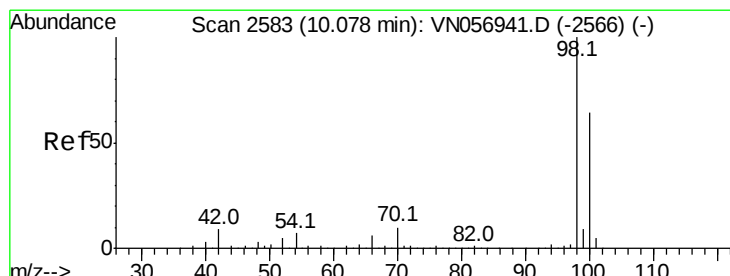
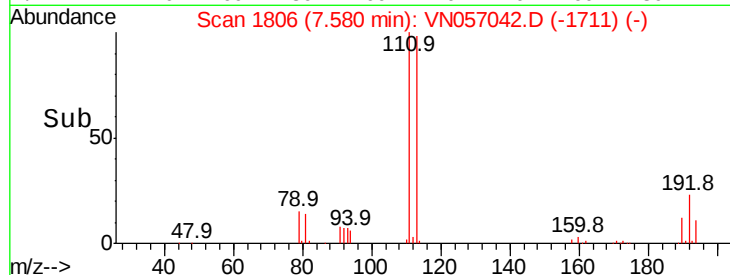
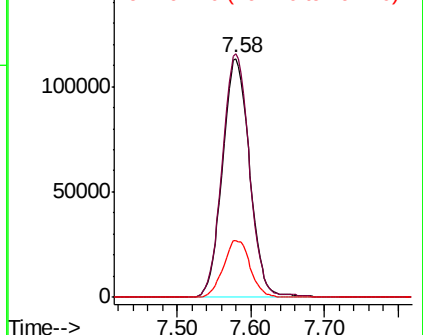
#35
 Dibromofluoromethane
 Concen: 55.538 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057042.D
 Acq: 1 Aug 2019 17:08

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-458-460

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.5	18.4	27.6

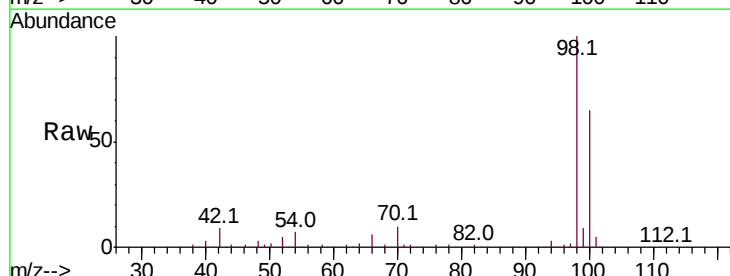


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

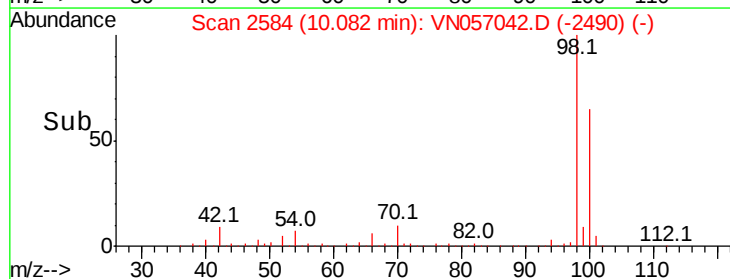
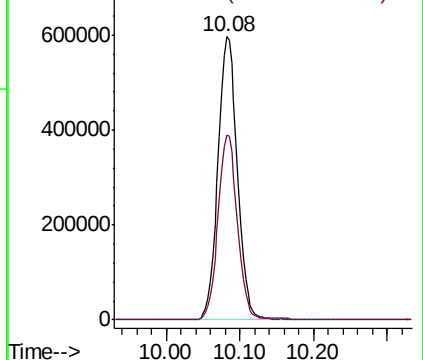


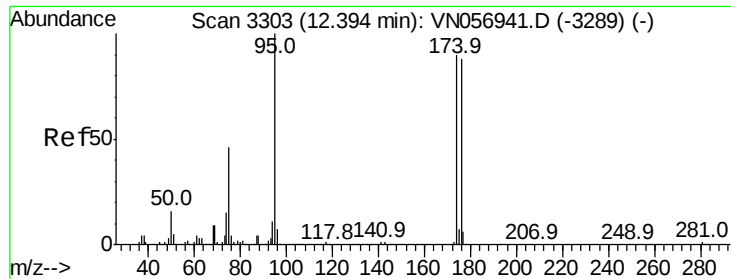
#50
 Toluene-d8
 Concen: 54.808 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN057042.D
 Acq: 1 Aug 2019 17:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	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: 44.590 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057042.D

Acq: 1 Aug 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-458-460

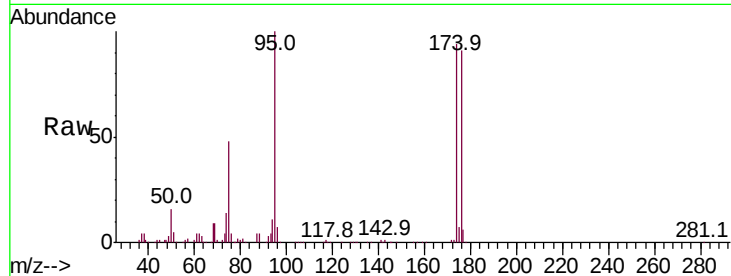
Tot Ion: 95 Resp: 289358

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.2

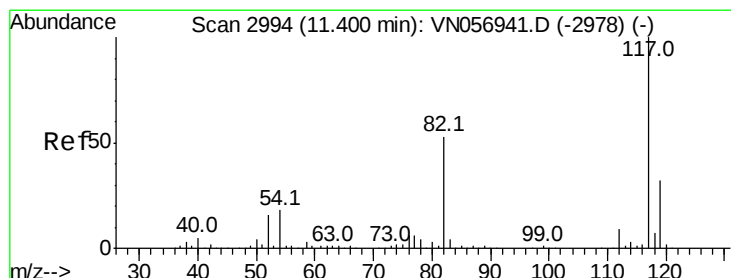
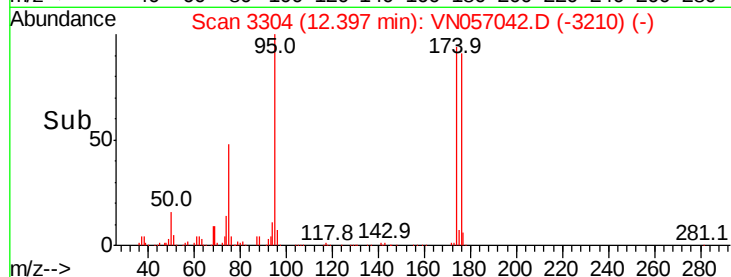
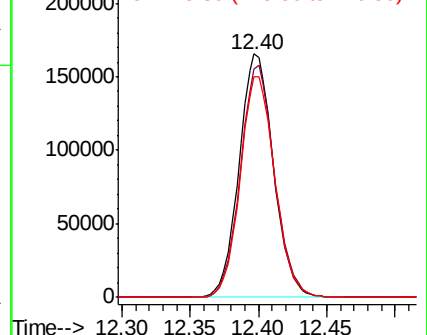
176 91.3 0.0 179.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057042.D

Acq: 1 Aug 2019 17:08

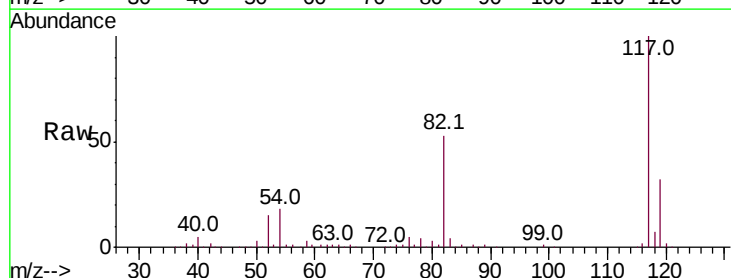
Tgt Ion: 117 Resp: 676236

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

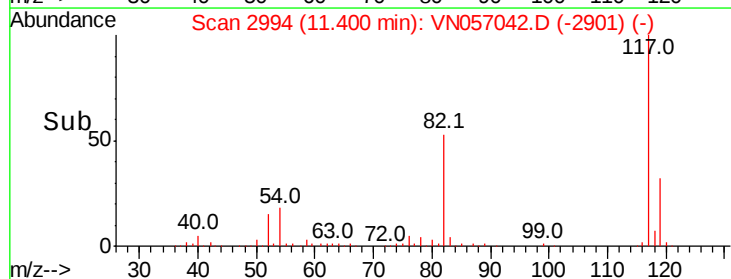
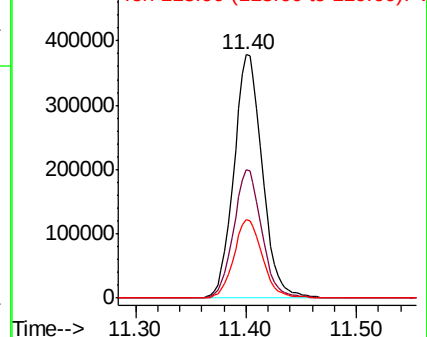
119 32.1 25.8 38.6

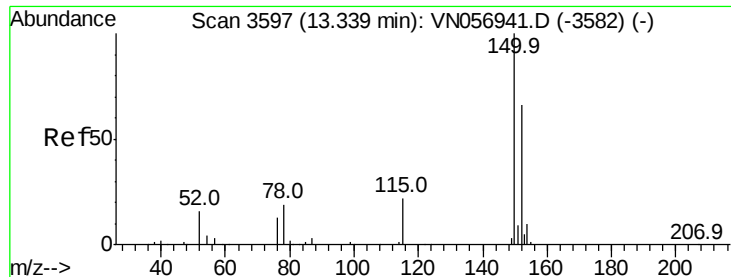


Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057042.D

Acq: 1 Aug 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-458-460

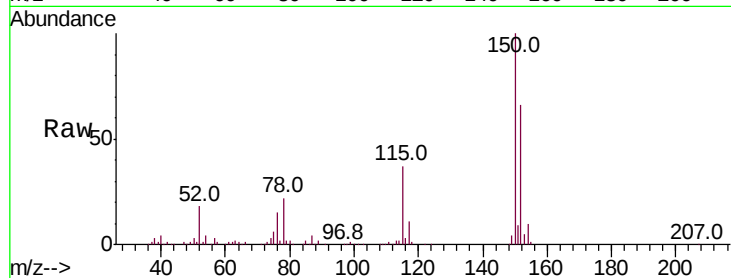
Tot Ion:152 Resp: 190569

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.6

150 156.8 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

