

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058534.D
 Acq On : 4 Oct 2019 12:53
 Operator : JC/SP
 Sample : K5197-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB_100319

Quant Time: Oct 05 00:55:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

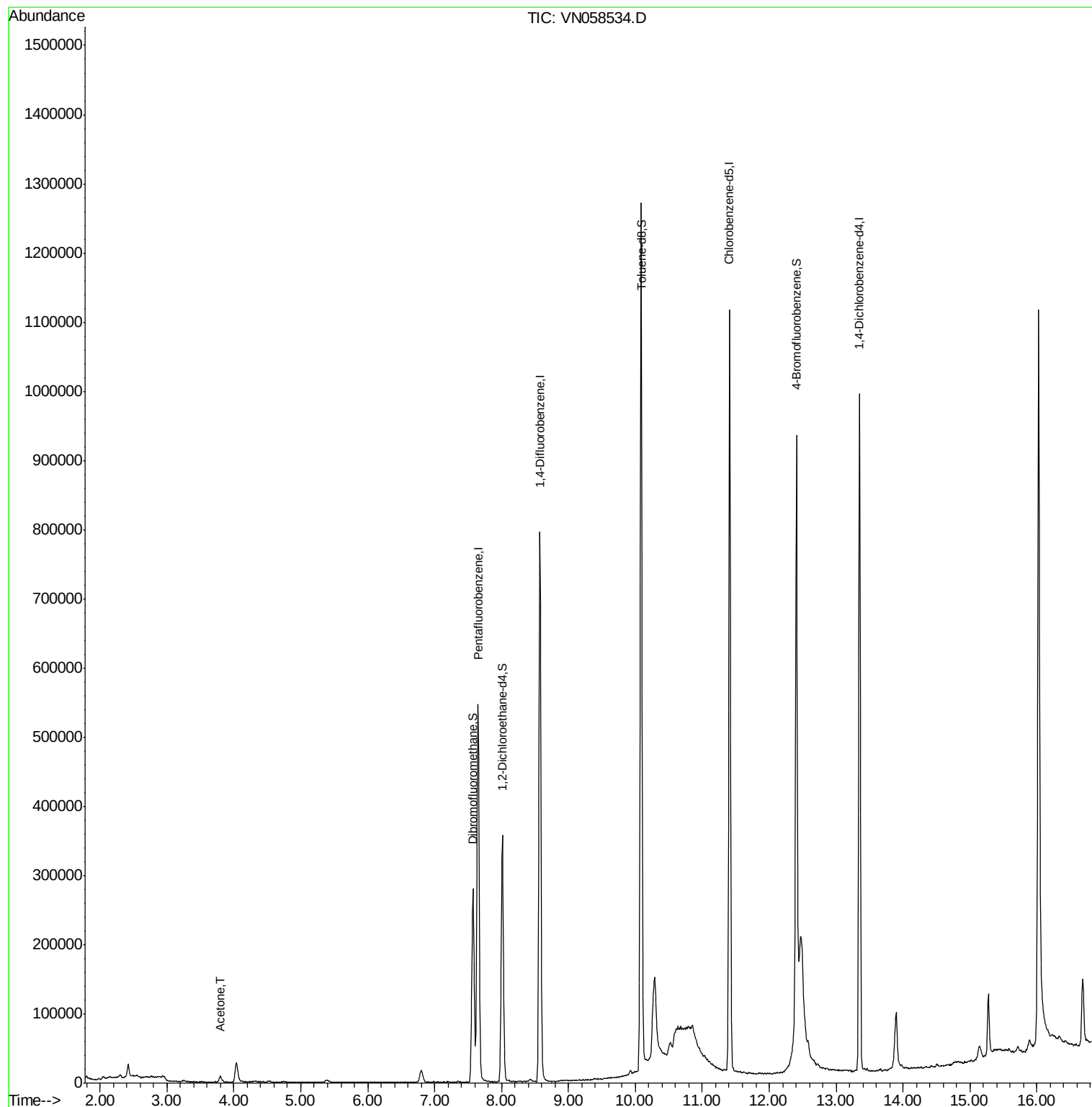
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	424941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	693123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	598147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	305754	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	7.57	113	213885	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.08	98	864654	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.41	95	283941	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
16) Acetone	3.80	43	13884	6.559	ug/l	Qvalue 96

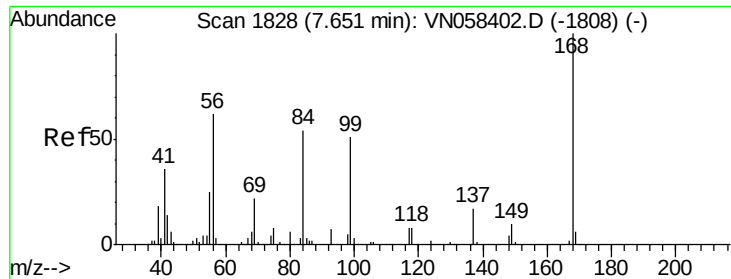
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058534.D

Acq: 4 Oct 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

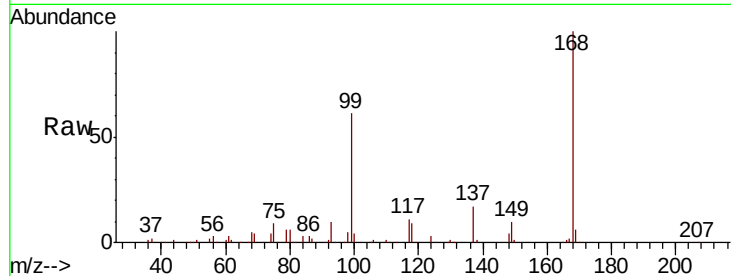
FB_100319

Tot Ion:168 Resp: 424941

Ion Ratio Lower Upper

168 100

99 61.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

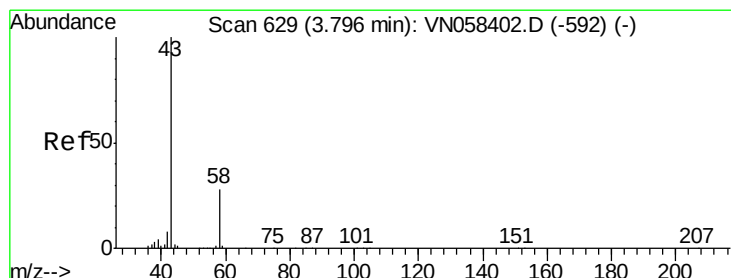
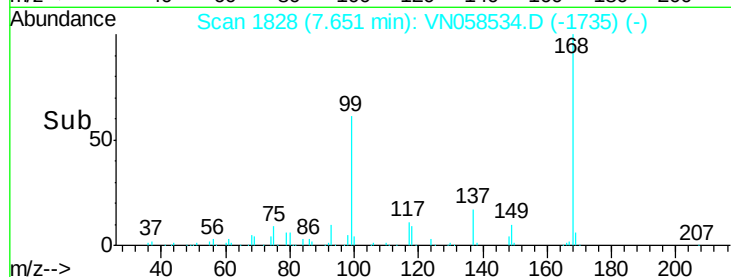
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.559 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058534.D

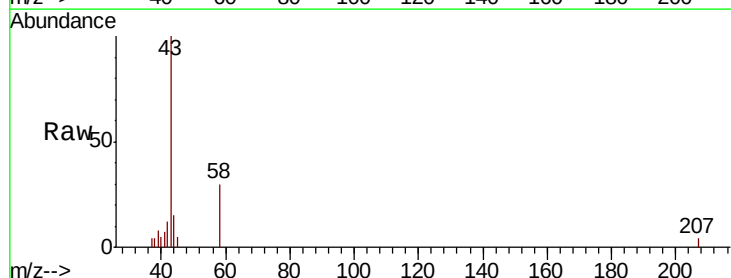
Acq: 4 Oct 2019 12:53

Tgt Ion: 43 Resp: 13884

Ion Ratio Lower Upper

43 100

58 29.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

6000

5000

4000

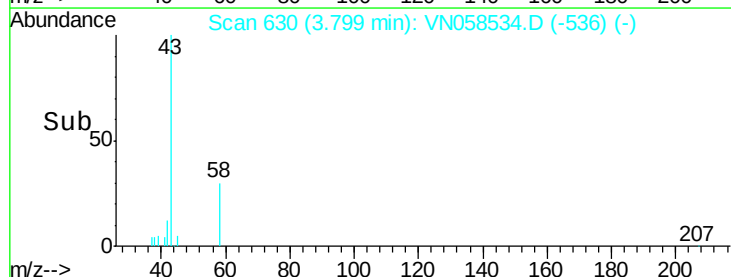
3000

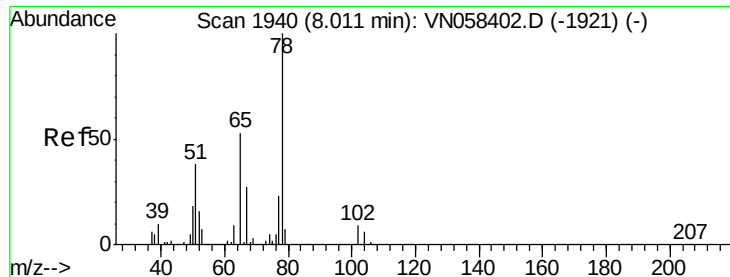
2000

1000

0

Time-->

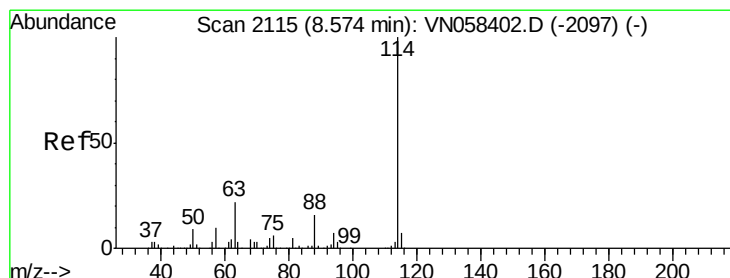
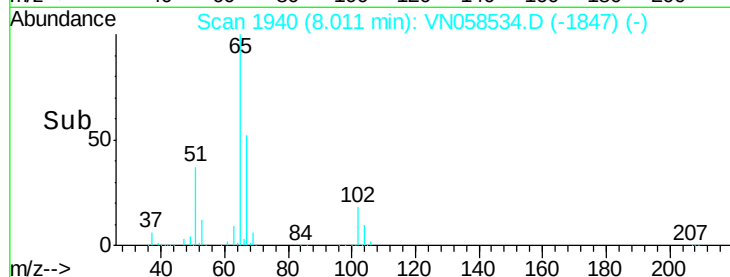
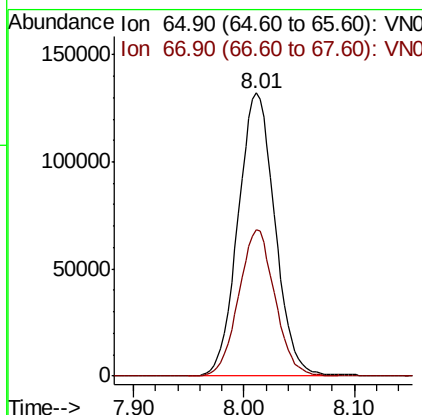
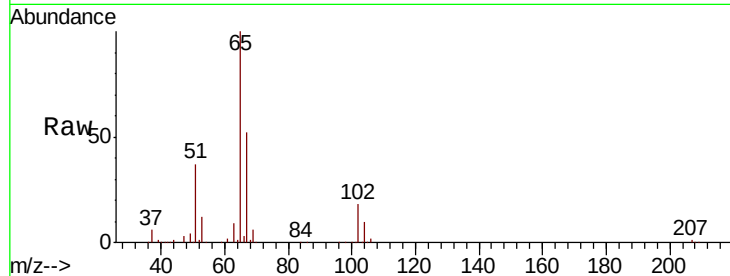




#33
 1,2-Dichloroethane-d4
 Concen: 49.237 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058534.D
 Acq: 4 Oct 2019 12:53

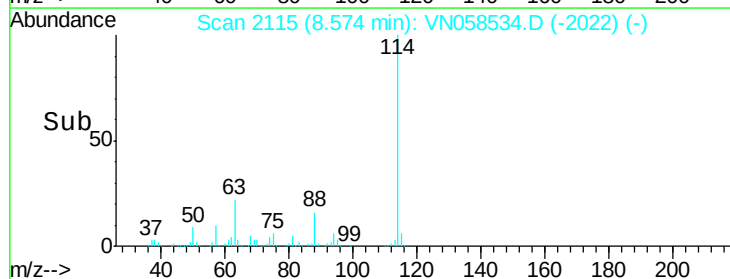
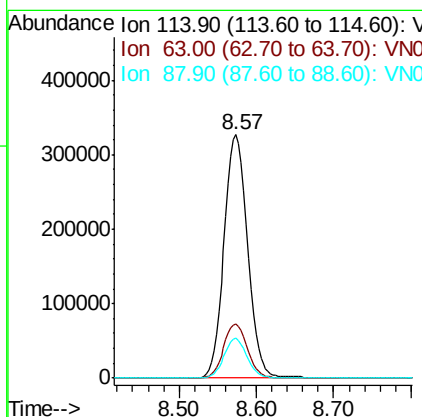
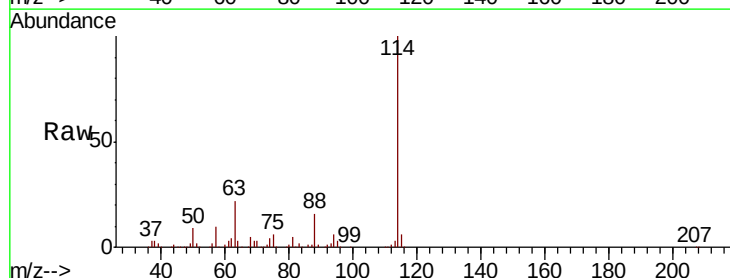
Instrument :
 MSVOA_N
 ClientSampled :
 FB_100319

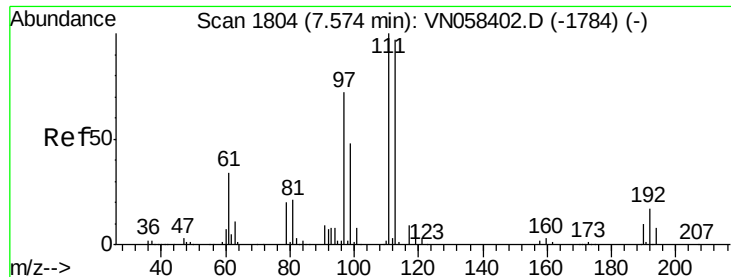
Tot Ion: 65 Resp: 305754
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058534.D
 Acq: 4 Oct 2019 12:53

Tgt Ion: 114 Resp: 693123
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 16.3 0.0 32.2

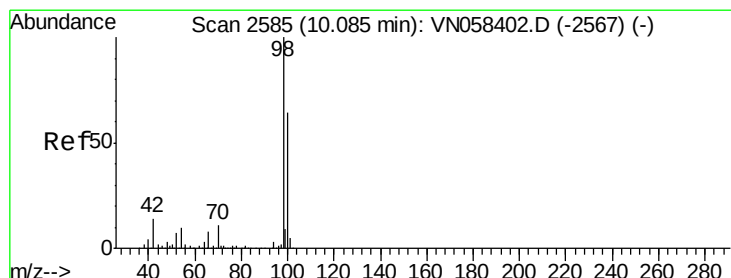
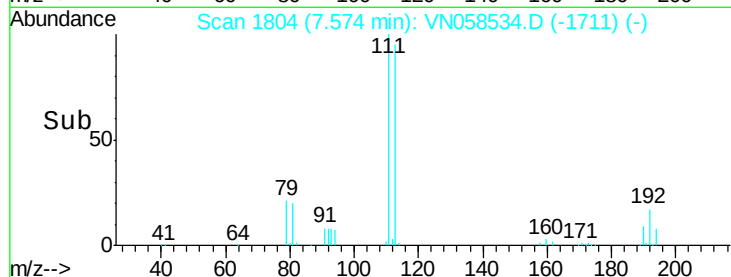
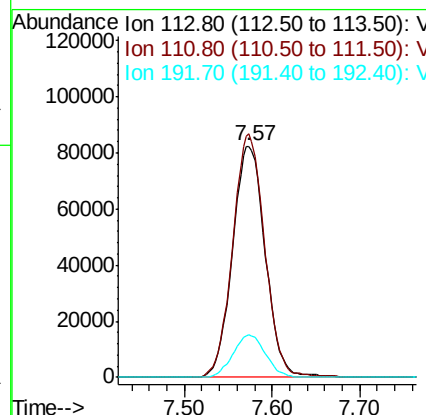
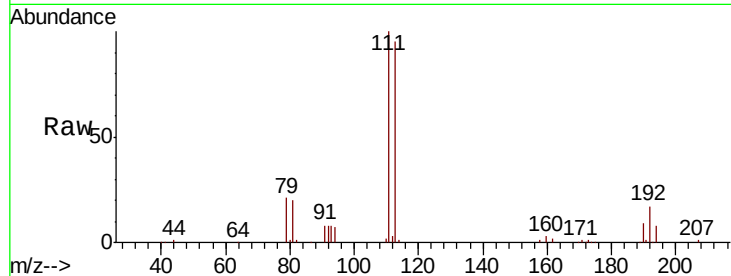




#35
Dibromofluoromethane
Concen: 50.349 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058534.D
Acq: 4 Oct 2019 12:53

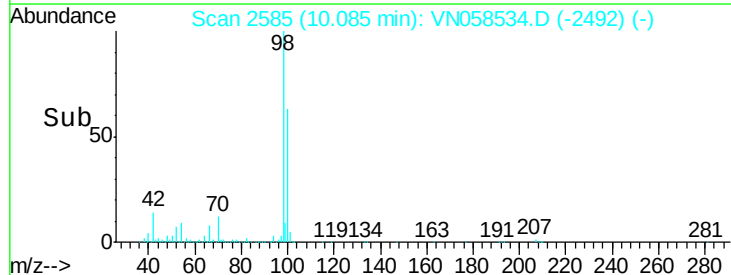
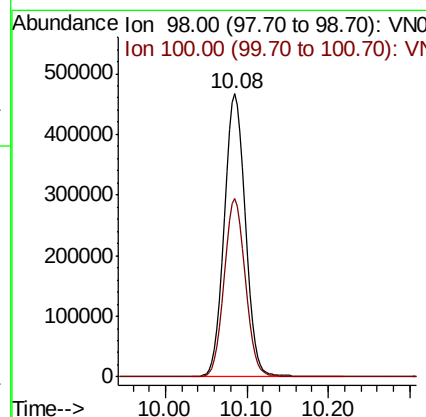
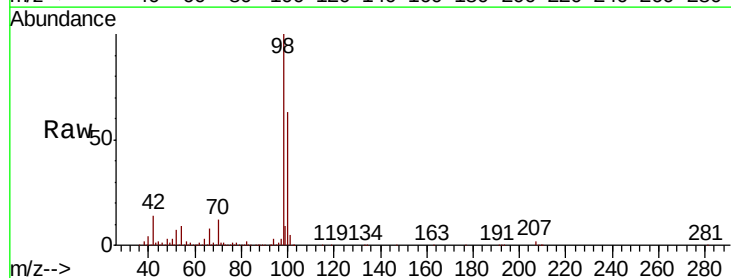
Instrument :
MSVOA_N
ClientSampleId :
FB_100319

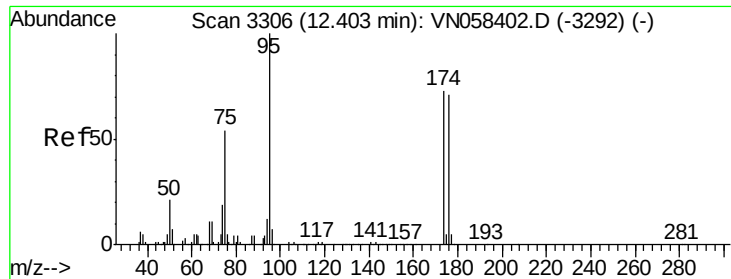
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	18.3	14.9	22.3



#50
Toluene-d8
Concen: 51.958 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058534.D
Acq: 4 Oct 2019 12:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.6





#62

4-Bromofluorobenzene

Concen: 47.188 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058534.D

Acq: 4 Oct 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

FB_100319

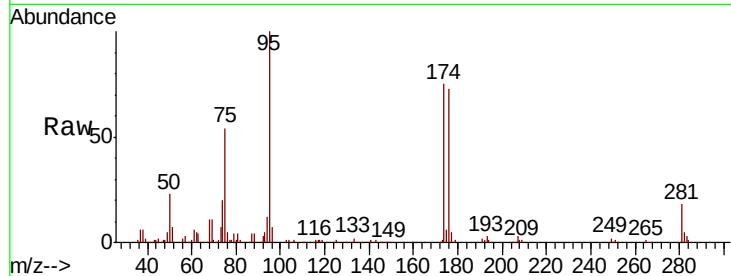
Tot Ion: 95 Resp: 283941

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

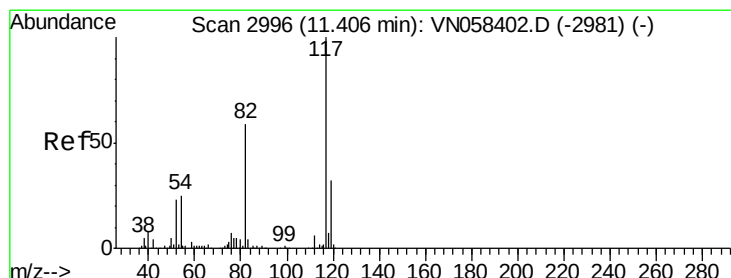
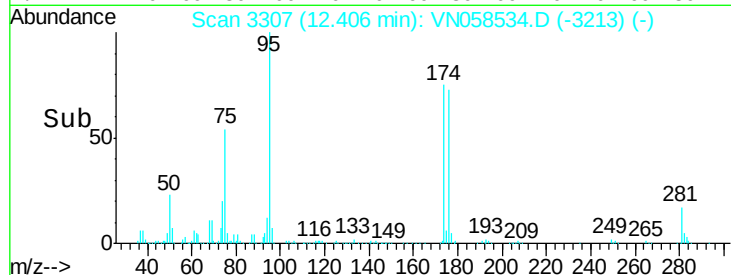
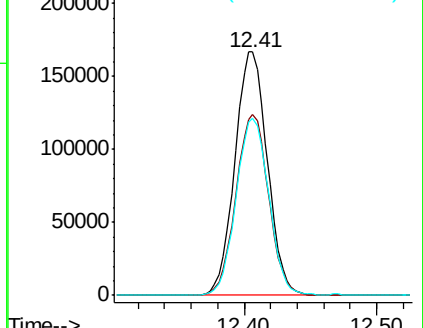
176 73.2 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058534.D

Acq: 4 Oct 2019 12:53

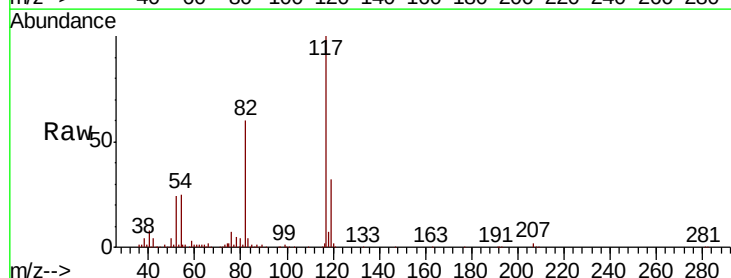
Tgt Ion: 117 Resp: 598147

Ion Ratio Lower Upper

117 100

82 60.2 47.4 71.0

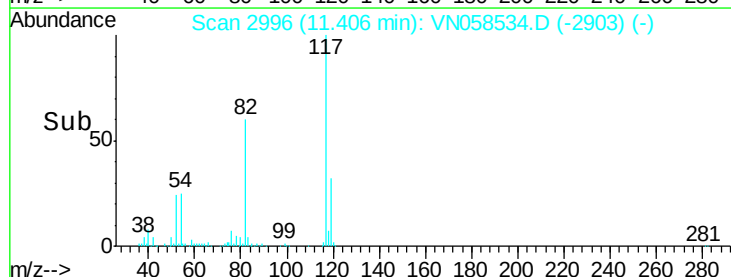
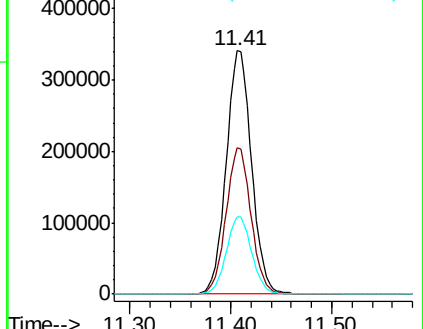
119 31.8 25.5 38.3

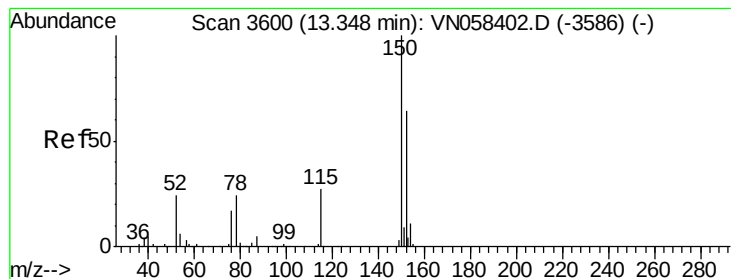


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058534.D

Acq: 4 Oct 2019 12:53

Instrument :

MSVOA_N

ClientSampleId :

FB_100319

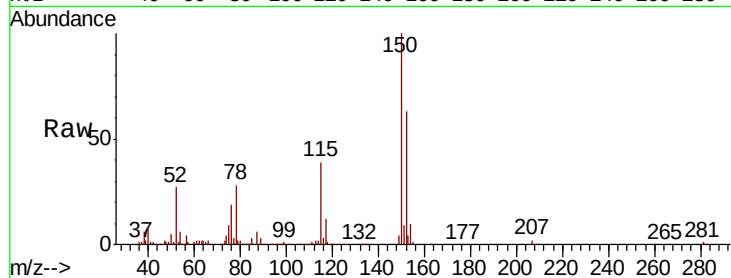
Tot Ion:152 Resp: 243700

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 157.9 0.0 348.2



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

