

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058568.D
 Acq On : 7 Oct 2019 16:02
 Operator : JC/SP
 Sample : K5197-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB_100319

Quant Time: Oct 08 15:07:43 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

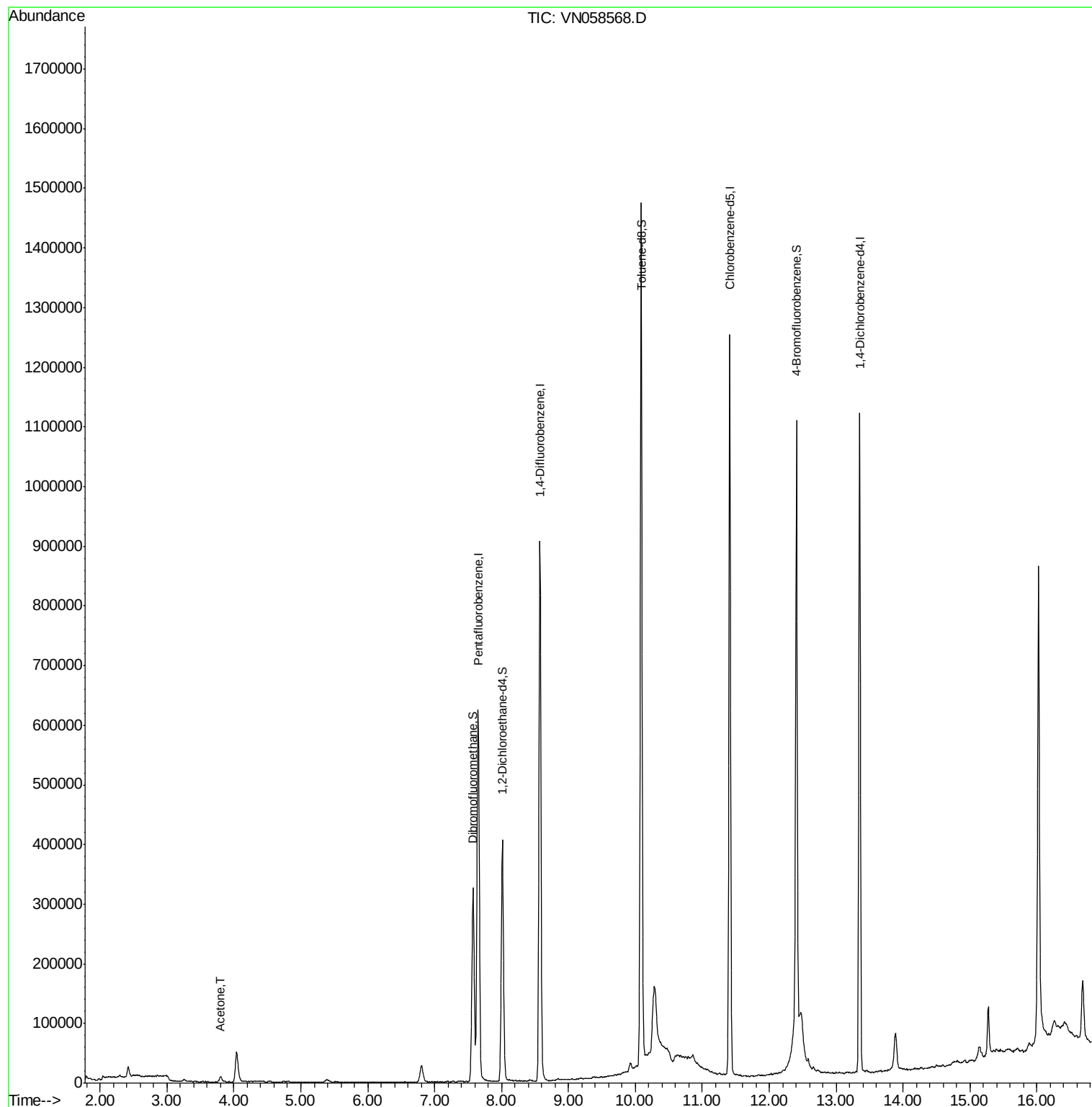
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	499910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	803109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	693631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355740	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	7.57	113	249804	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.08	98	1013657	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.41	95	340880	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	3.81	43	16572	6.655	ug/l	Qvalue 100

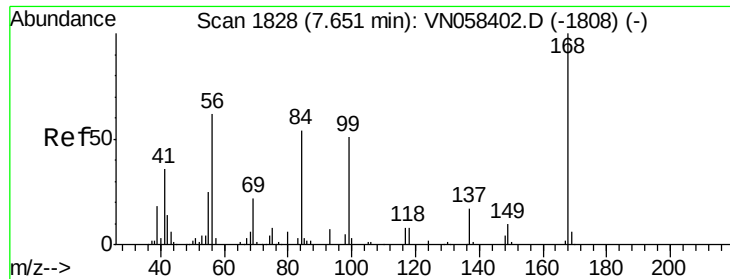
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058568.D

Acq: 7 Oct 2019 16:02

Instrument :

MSVOA_N

ClientSampled :

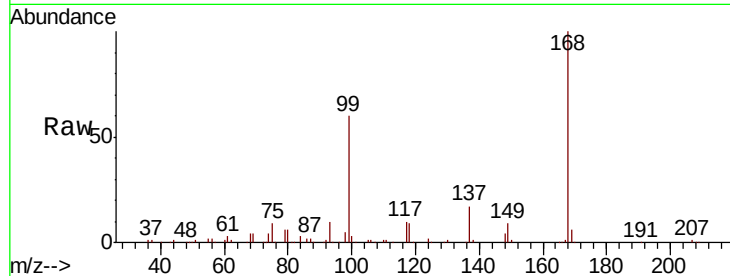
FB_100319

Tot Ion:168 Resp: 499910

Ion Ratio Lower Upper

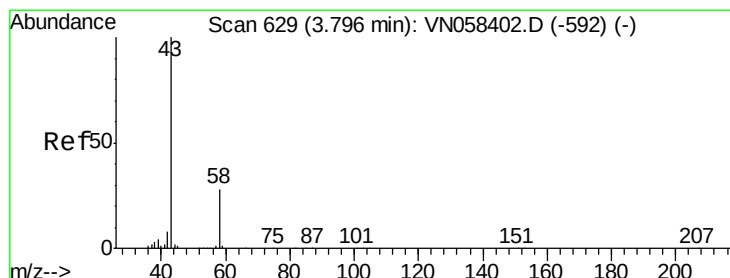
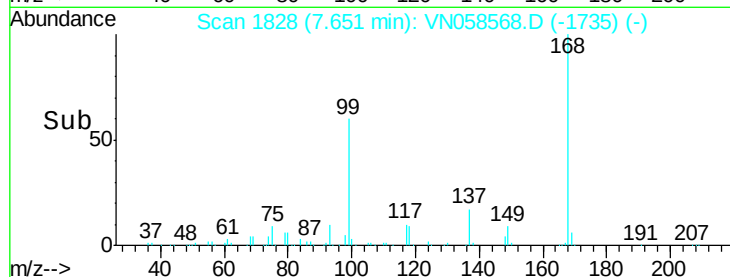
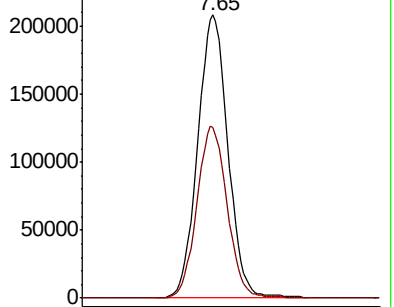
168 100

99 60.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.655 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058568.D

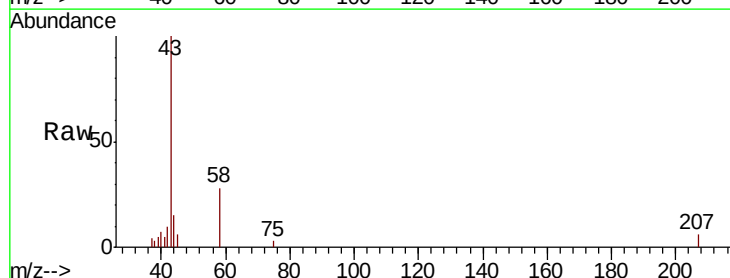
Acq: 7 Oct 2019 16:02

Tgt Ion: 43 Resp: 16572

Ion Ratio Lower Upper

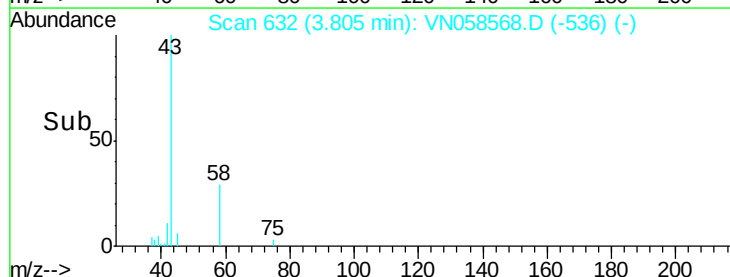
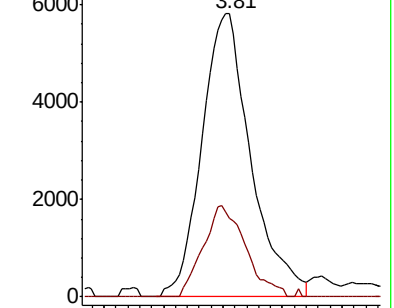
43 100

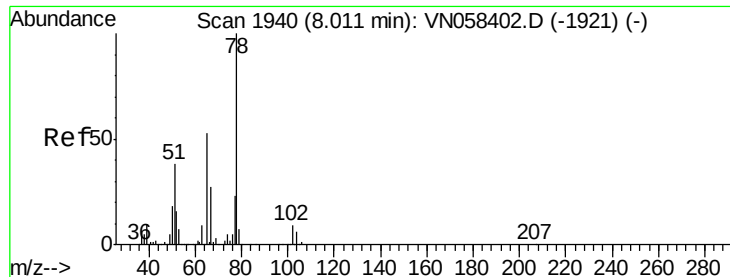
58 27.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

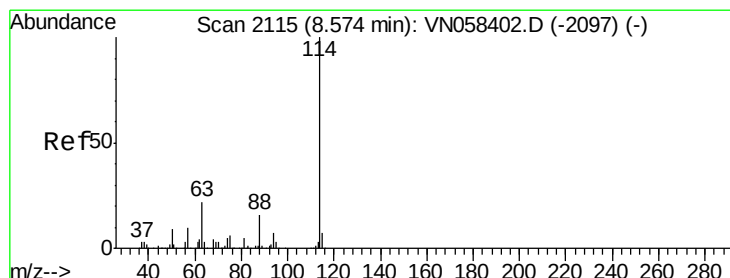
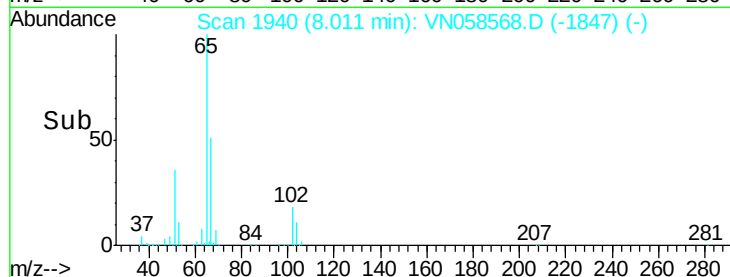
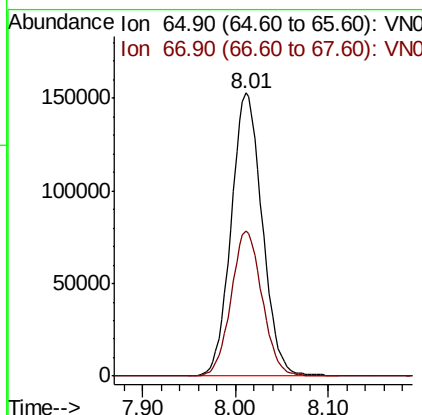
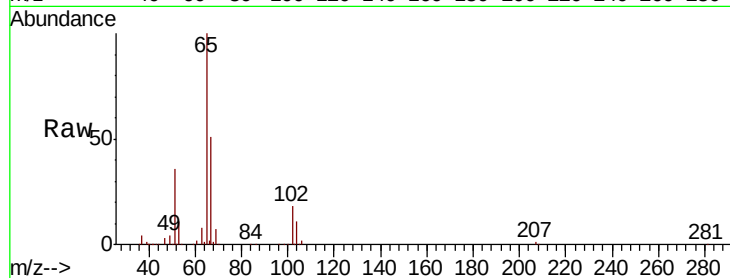




#33
 1,2-Dichloroethane-d4
 Concen: 48.696 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058568.D
 Acq: 7 Oct 2019 16:02

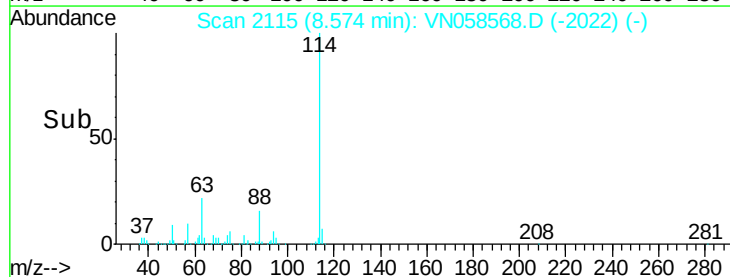
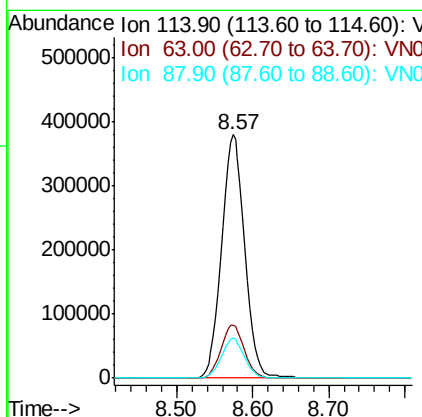
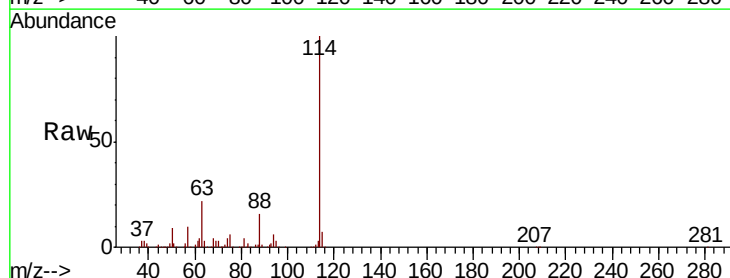
Instrument :
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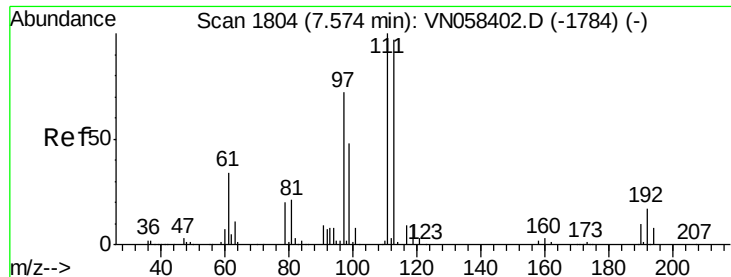
Tot Ion: 65 Resp: 355740
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058568.D
 Acq: 7 Oct 2019 16:02

Tgt Ion: 114 Resp: 803109
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.0
 88 16.3 0.0 32.2

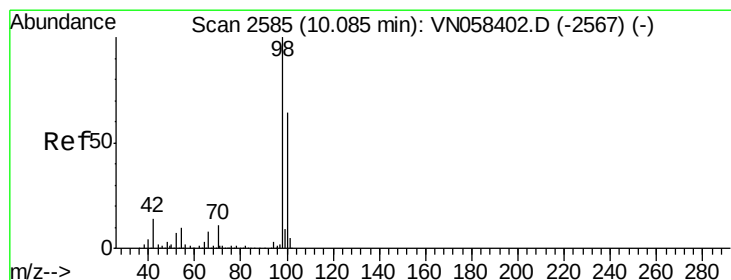
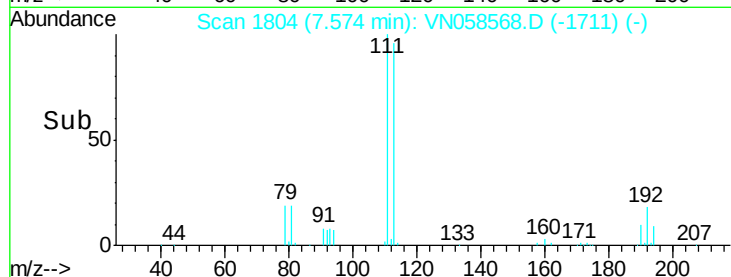
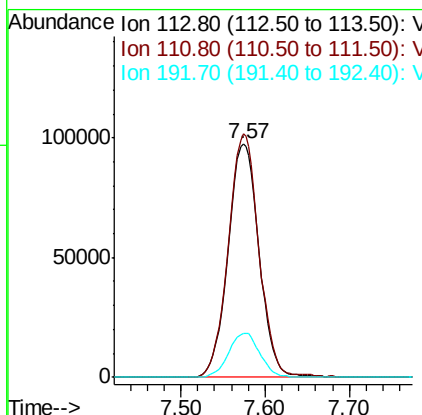
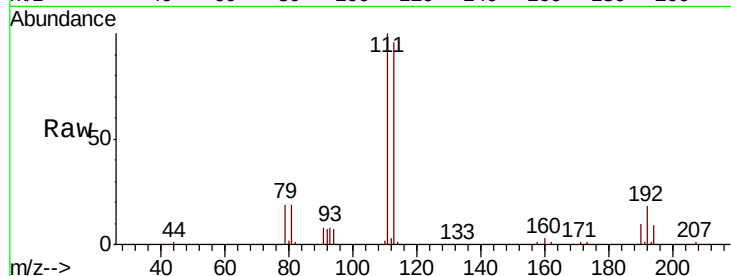




#35
Dibromofluoromethane
Concen: 50.751 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058568.D
Acq: 7 Oct 2019 16:02

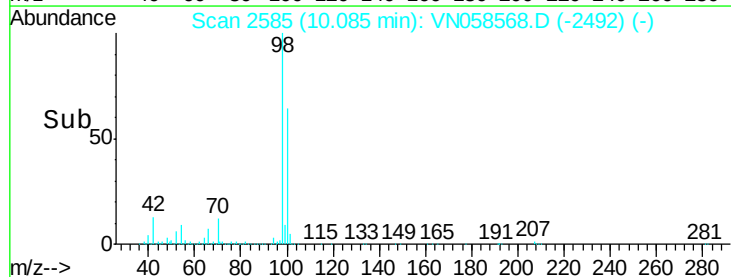
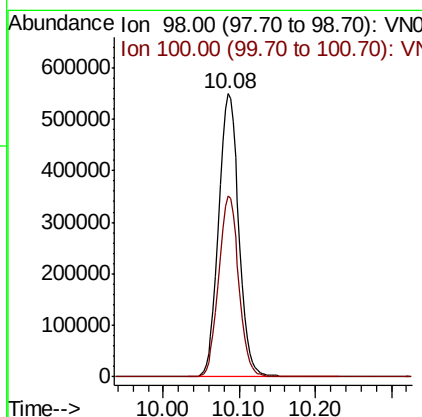
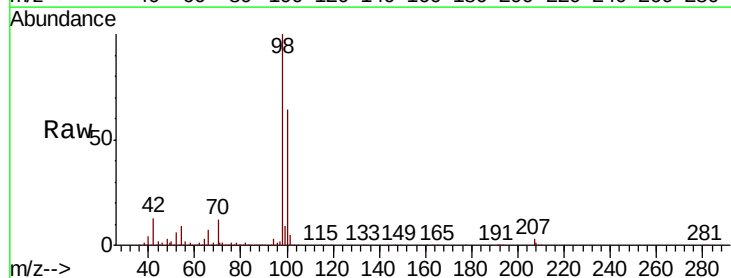
Instrument :
MSVOA_N
ClientSampleId :
FB_100319

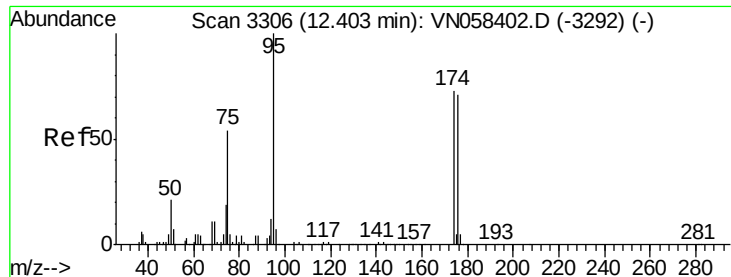
Tot Ion:113 Resp: 249804
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 19.1 14.9 22.3



#50
Toluene-d8
Concen: 52.570 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058568.D
Acq: 7 Oct 2019 16:02

Tgt Ion: 98 Resp: 1013657
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 48.892 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058568.D

Acq: 7 Oct 2019 16:02

Instrument :

MSVOA_N

ClientSampled :

FB_100319

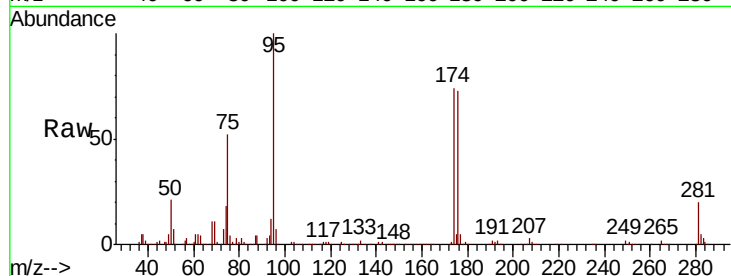
Tot Ion: 95 Resp: 340880

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

176 73.4 0.0 146.2

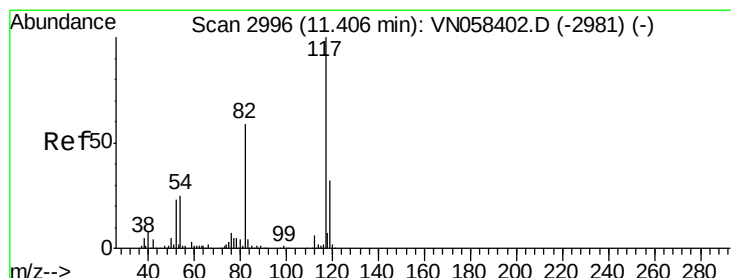
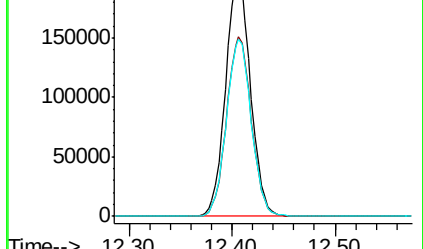
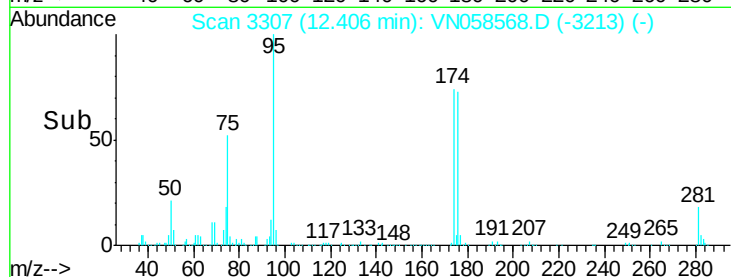


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058568.D

Acq: 7 Oct 2019 16:02

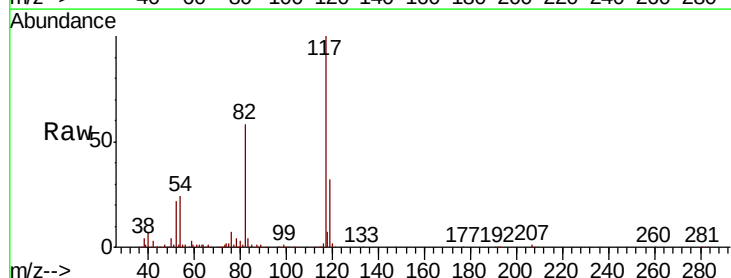
Tgt Ion: 117 Resp: 693631

Ion Ratio Lower Upper

117 100

82 58.0 47.4 71.0

119 31.8 25.5 38.3

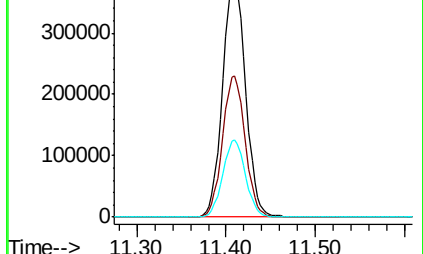
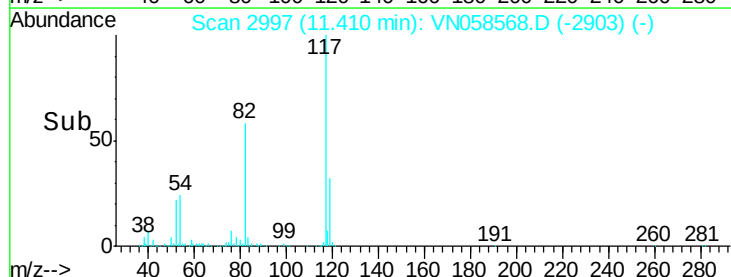


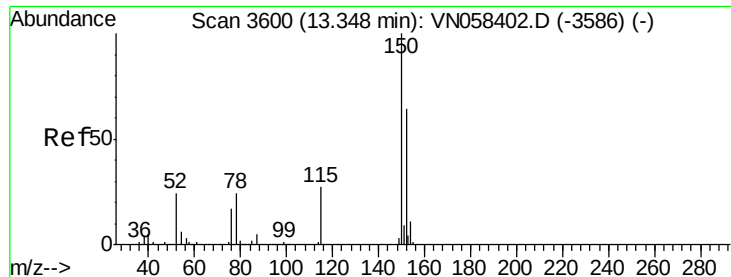
Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058568.D

Acq: 7 Oct 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

FB_100319

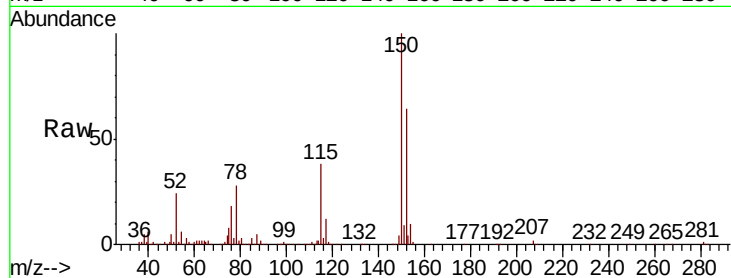
Tot Ion:152 Resp: 286217

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 157.3 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

