

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058584.D
 Acq On : 7 Oct 2019 21:56
 Operator : JC/SP
 Sample : K5215-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40150

Quant Time: Oct 08 15:42:54 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

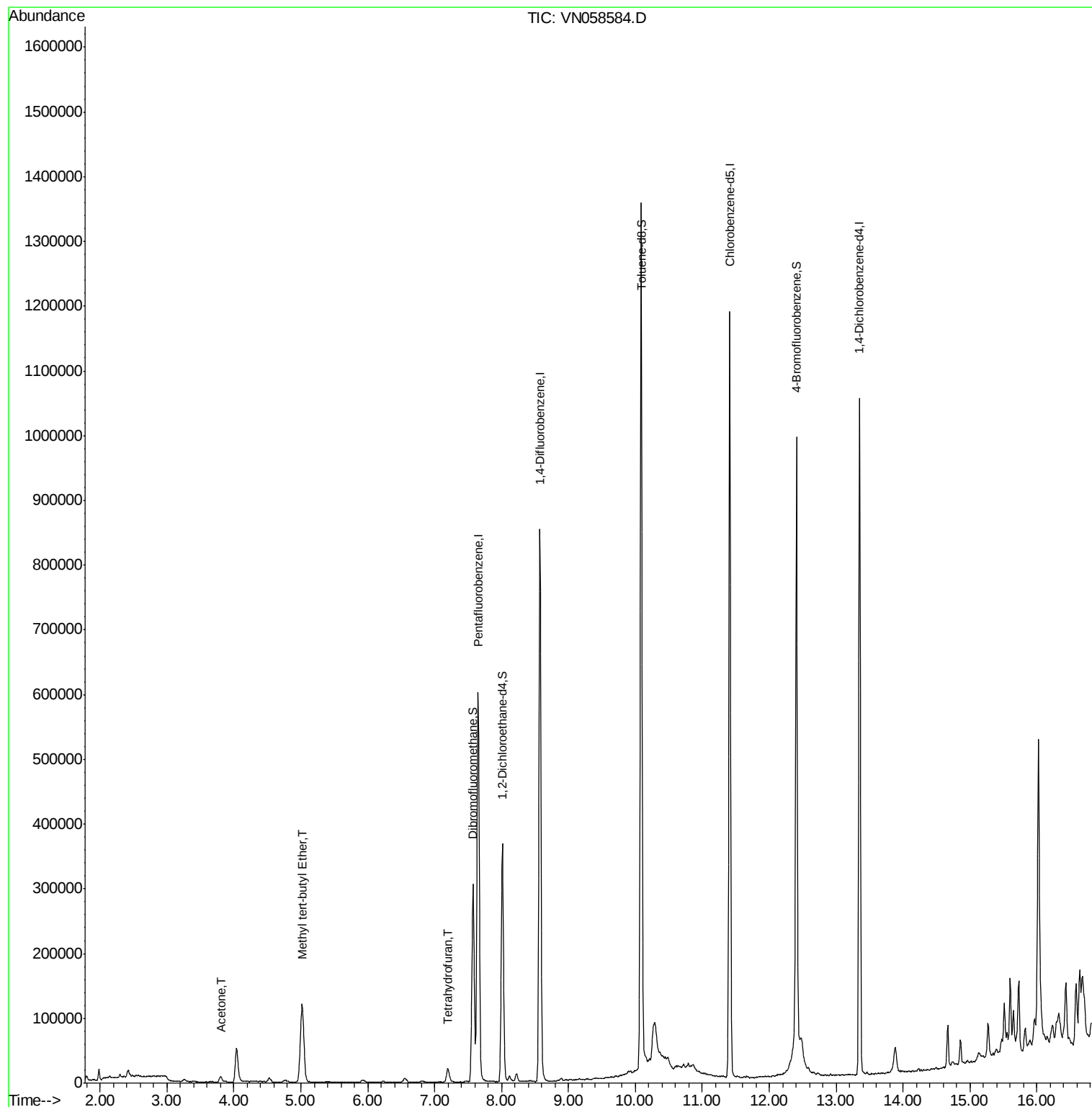
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	486480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	747117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	657884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	325951	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
35) Dibromofluoromethane	7.57	113	233957	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.08	98	934150	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.41	95	310247	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
16) Acetone	3.80	43	15774	6.509	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	206542	12.756	ug/l	99
29) Tetrahydrofuran	7.20	42	18294	8.663	ug/l	96

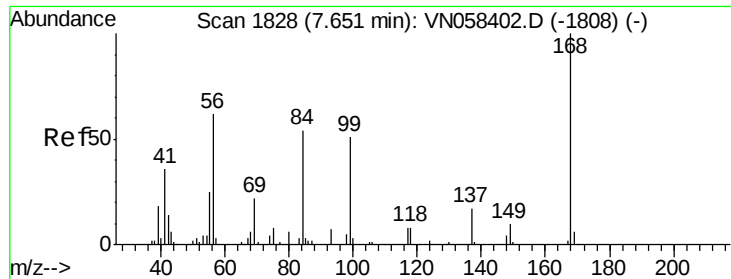
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058584.D

Acq: 7 Oct 2019 21:56

Instrument :

MSVOA_N

ClientSampled :

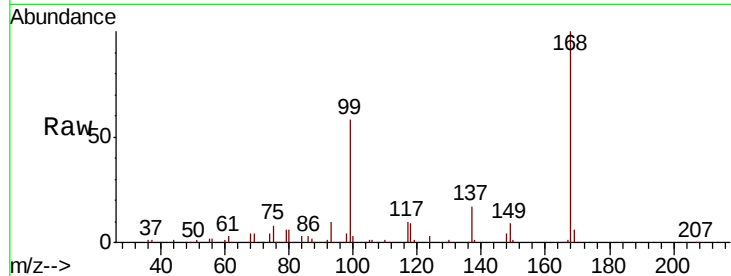
40150

Tot Ion:168 Resp: 486480

Ion Ratio Lower Upper

168 100

99 58.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

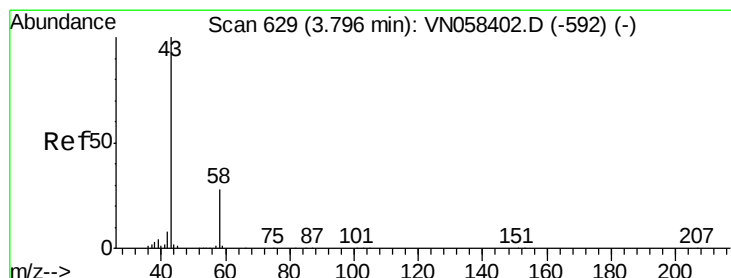
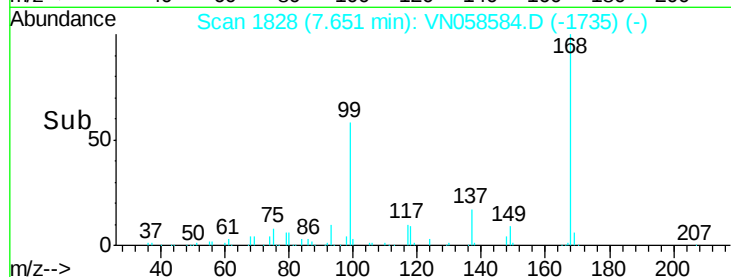
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.509 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058584.D

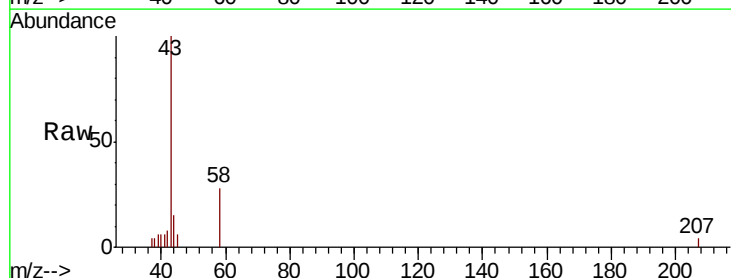
Acq: 7 Oct 2019 21:56

Tgt Ion: 43 Resp: 15774

Ion Ratio Lower Upper

43 100

58 27.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

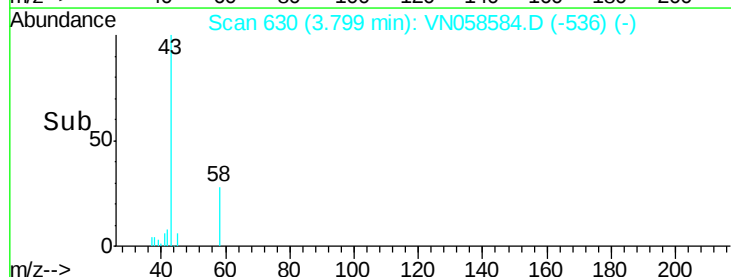
3000

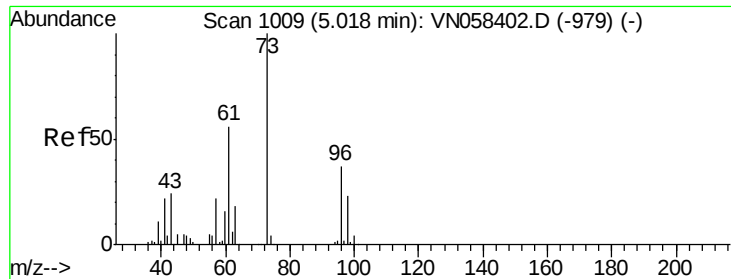
2000

1000

0

Time-->

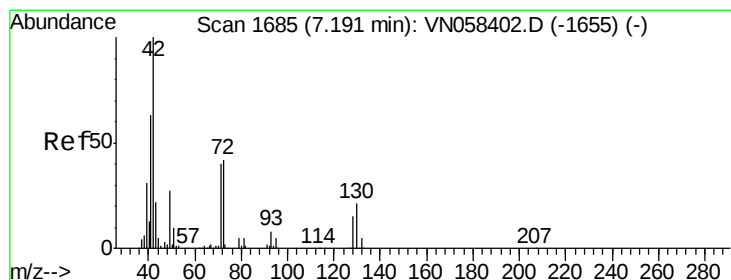
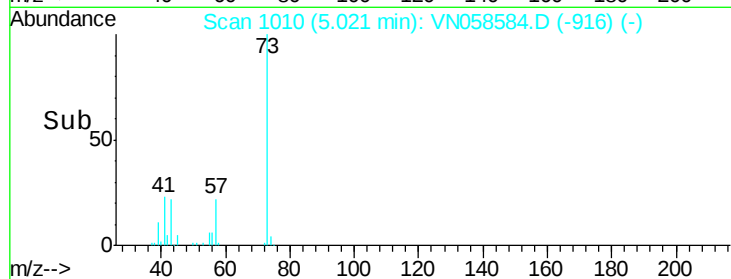
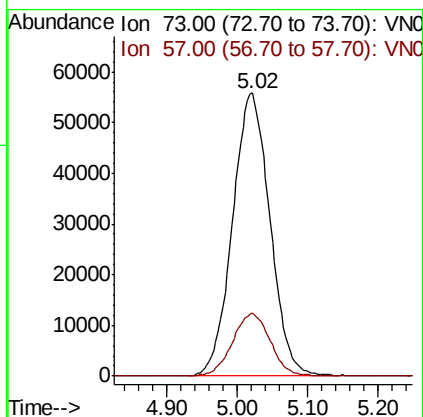
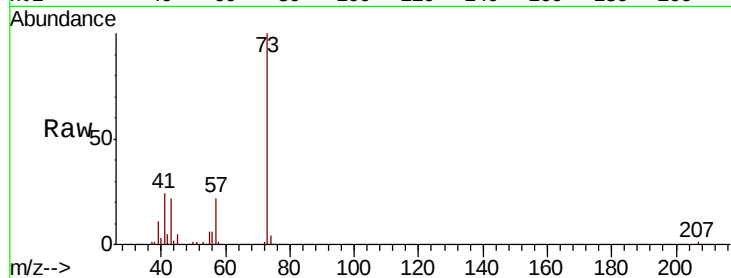




#19
Methvl tert-butvl Ether
Concen: 12.756 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058584.D
Acq: 7 Oct 2019 21:56

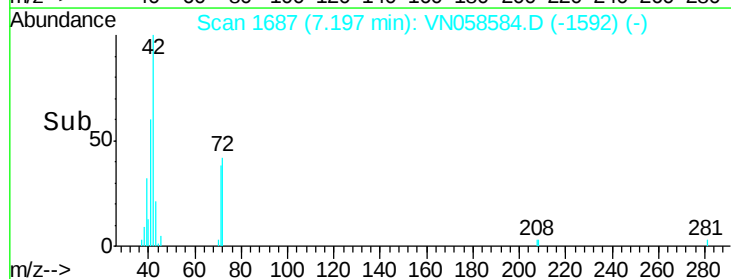
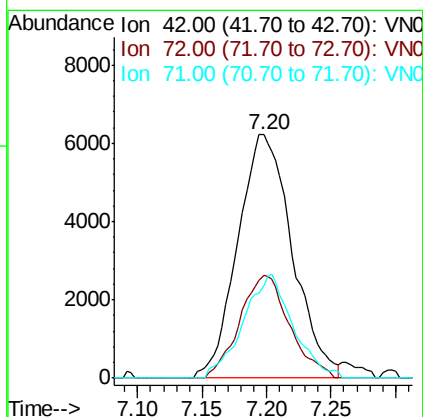
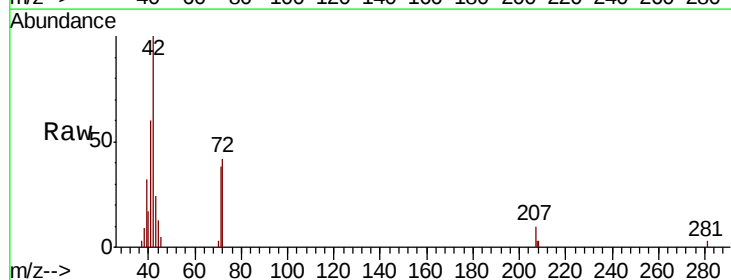
Instrument :
MSVOA_N
ClientSampled :
40150

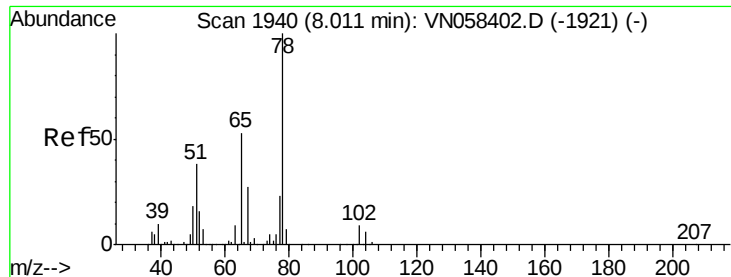
Tot Ion: 73 Resp: 206542
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#29
Tetrahydrofuran
Concen: 8.663 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058584.D
Acq: 7 Oct 2019 21:56

Tgt Ion: 42 Resp: 18294
Ion Ratio Lower Upper
42 100
72 38.6 33.7 50.5
71 38.8 31.8 47.6

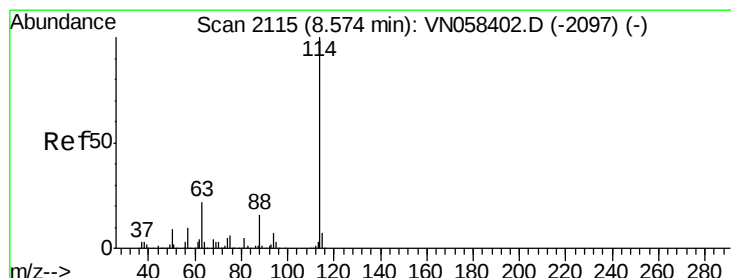
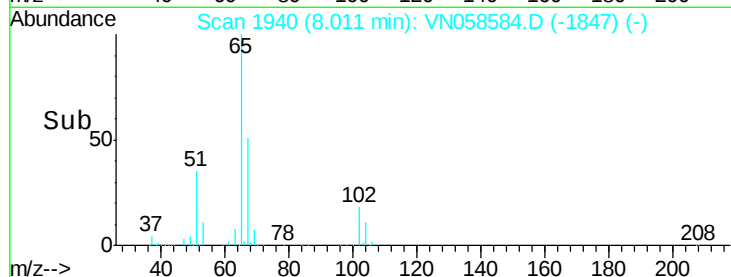
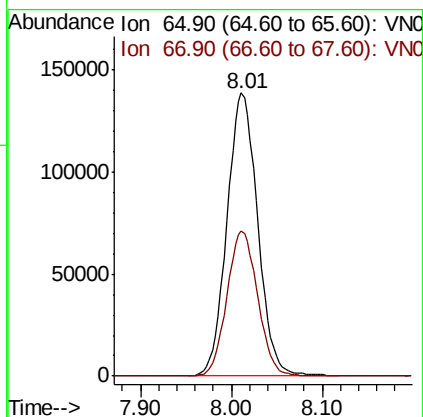
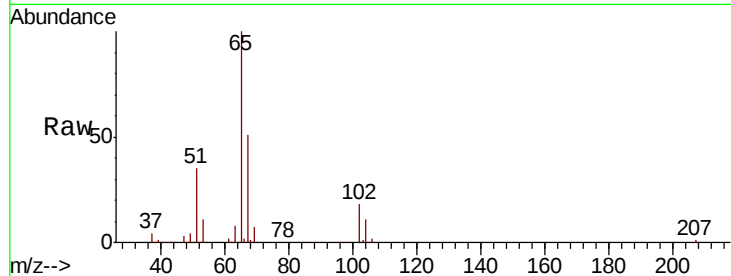




#33
 1,2-Dichloroethane-d4
 Concen: 45.850 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058584.D
 Acq: 7 Oct 2019 21:56

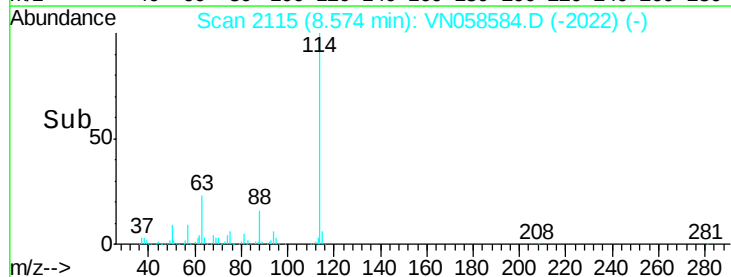
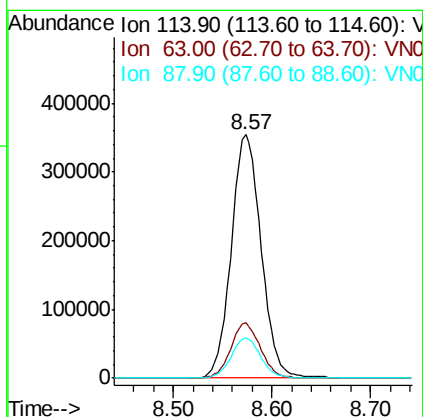
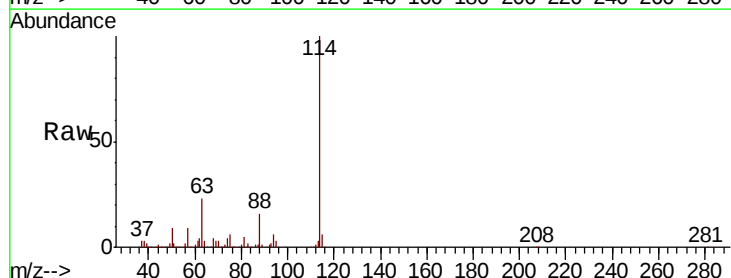
Instrument :
 MSVOA_N
 ClientSampleId :
 40150

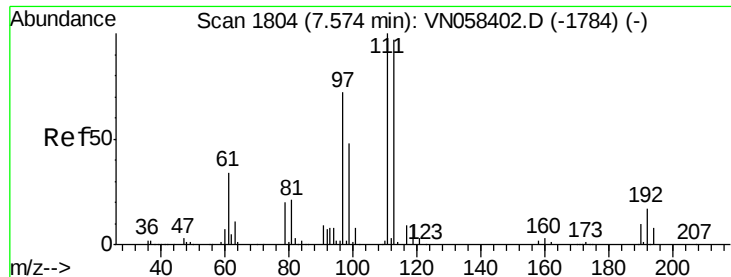
Tot Ion: 65 Resp: 325951
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058584.D
 Acq: 7 Oct 2019 21:56

Tgt Ion: 114 Resp: 747117
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.4 0.0 32.2

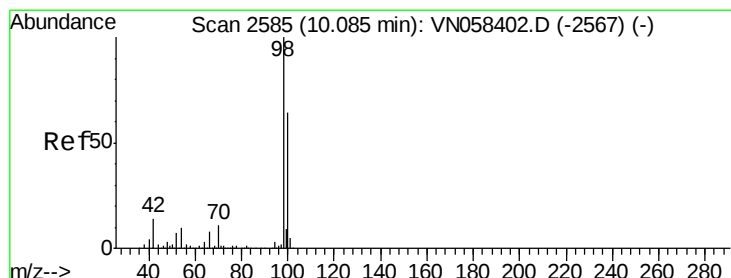
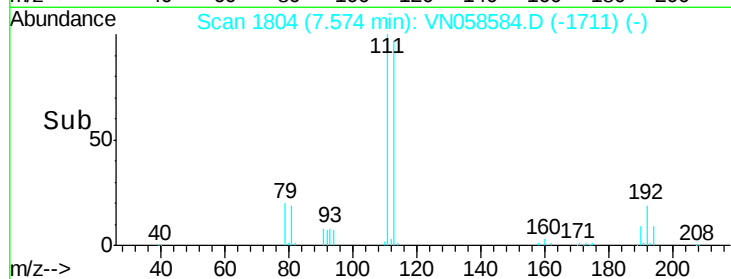
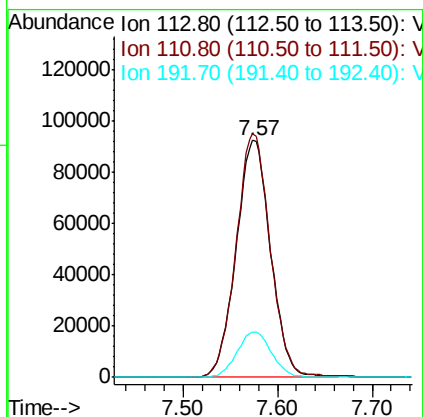
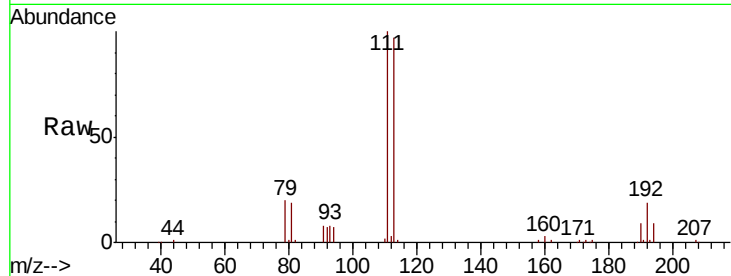




#35
 Dibromofluoromethane
 Concen: 51.093 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058584.D
 Acq: 7 Oct 2019 21:56

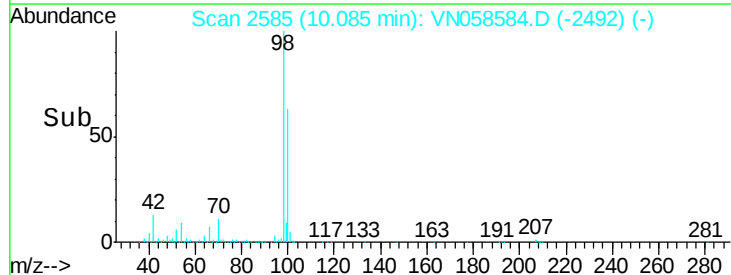
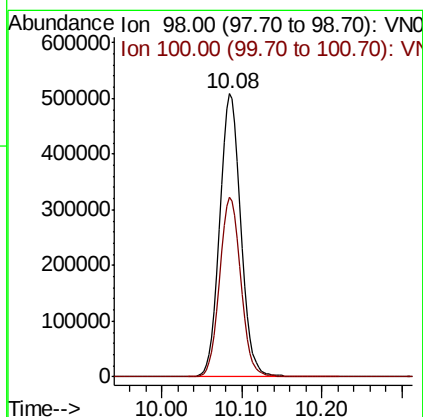
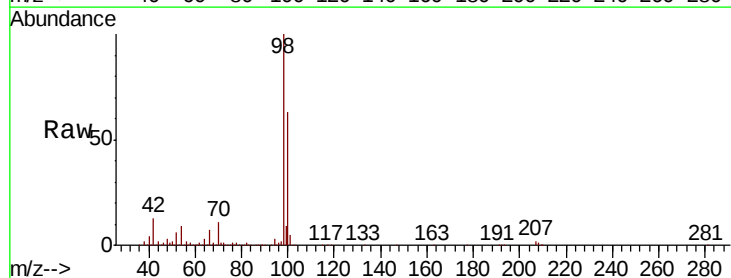
Instrument :
 MSVOA_N
 ClientSampleId :
 40150

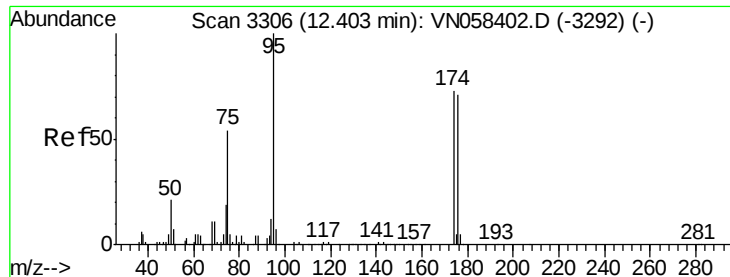
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	19.2	14.9	22.3



#50
 Toluene-d8
 Concen: 52.077 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058584.D
 Acq: 7 Oct 2019 21:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.0	76.6





#62

4-Bromofluorobenzene

Concen: 47.833 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058584.D

Acq: 7 Oct 2019 21:56

Instrument :

MSVOA_N

ClientSampled :

40150

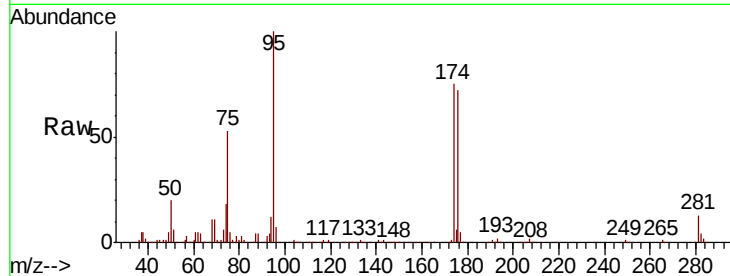
Tot Ion: 95 Resp: 310247

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

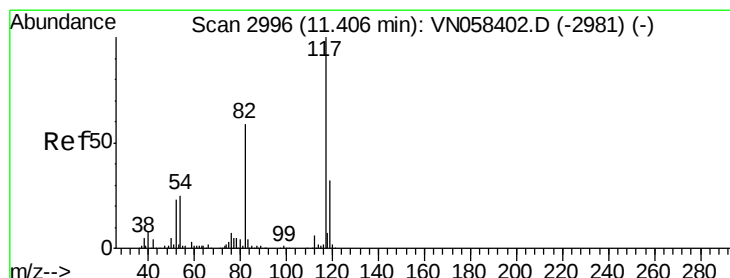
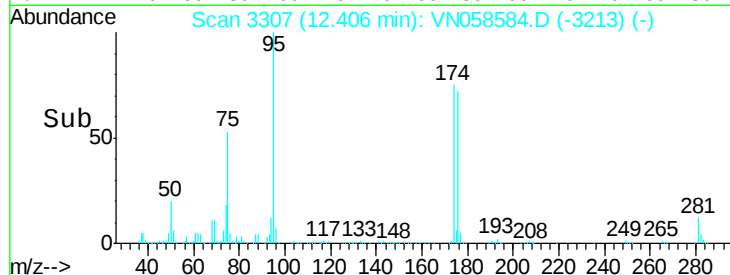
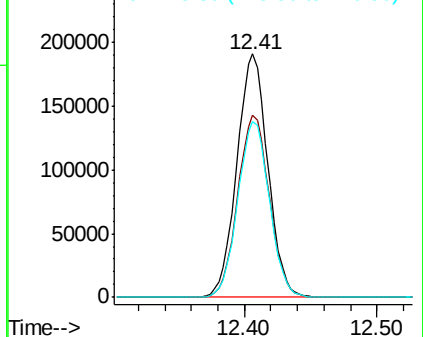
176 73.7 0.0 146.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058584.D

Acq: 7 Oct 2019 21:56

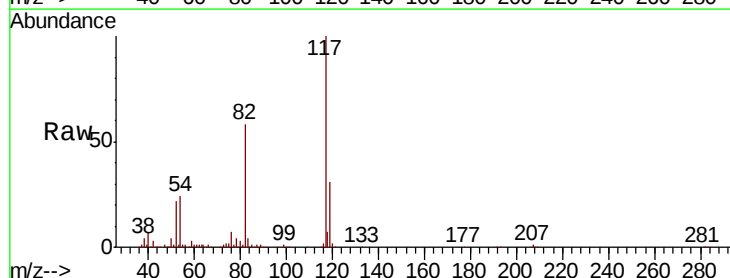
Tgt Ion: 117 Resp: 657884

Ion Ratio Lower Upper

117 100

82 58.4 47.4 71.0

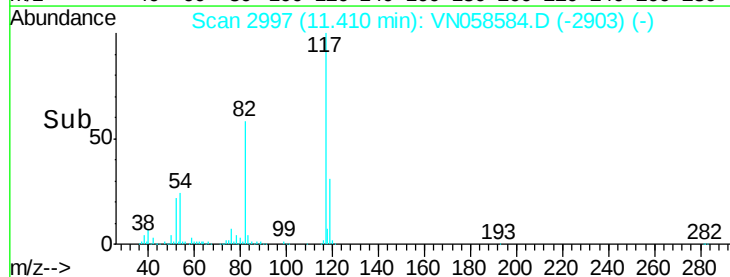
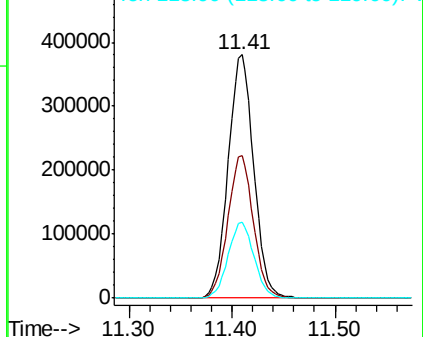
119 31.2 25.5 38.3

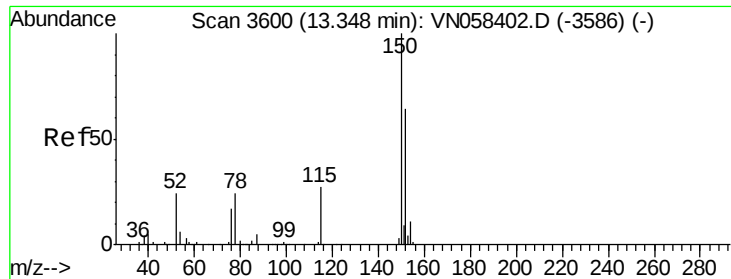


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058584.D

Acq: 7 Oct 2019 21:56

Instrument :

MSVOA_N

ClientSampleId :

40150

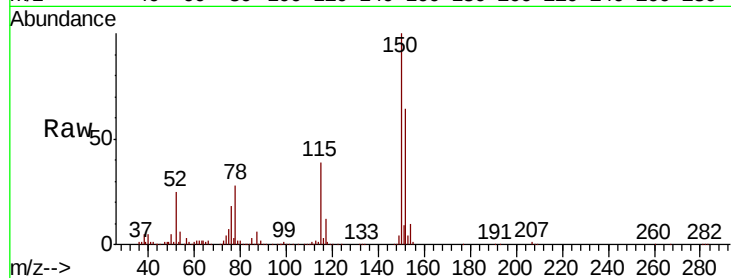
Tot Ion:152 Resp: 272739

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 156.6 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

