

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058719.D
 Acq On : 11 Oct 2019 21:52
 Operator : JC/SP
 Sample : K5337-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HHT-WATER

Quant Time: Oct 12 01:09:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

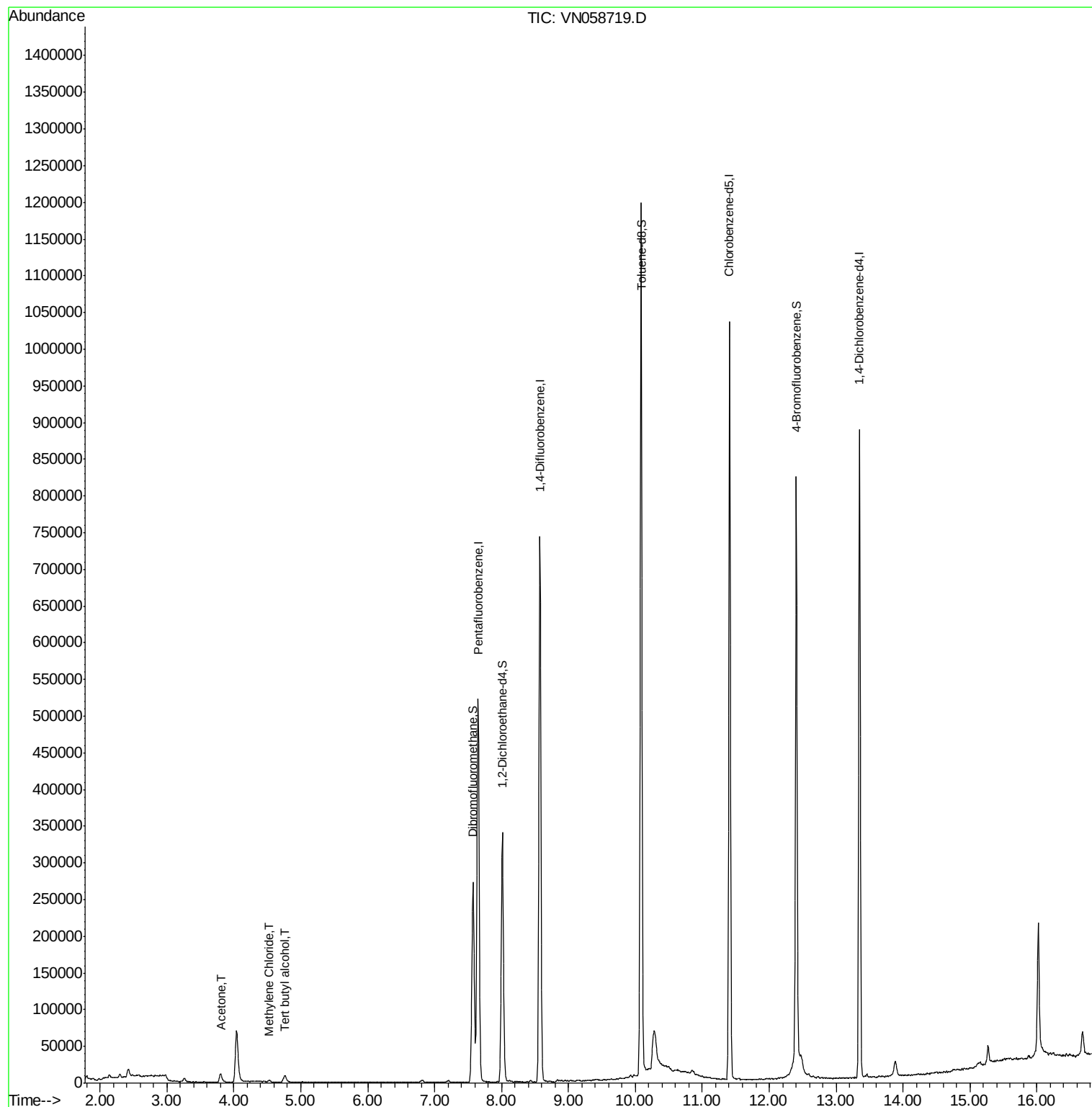
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	409191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	644541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	224611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	293313	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.57	113	207826	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.08	98	808321	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	265651	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
11) Tert butyl alcohol	4.77	59	16119	17.374	ug/l #	94
16) Acetone	3.80	43	20775	8.760	ug/l	98
20) Methylene Chloride	4.53	84	1852	0.374	ug/l	87

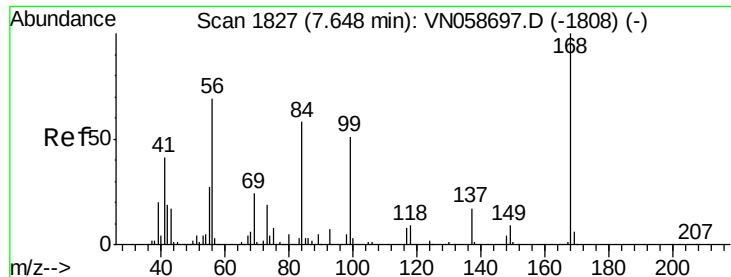
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058719.D

Acq: 11 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

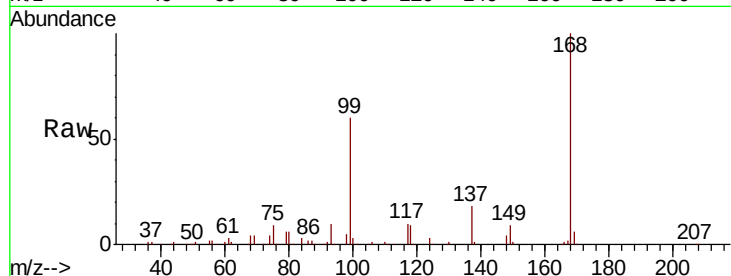
HHT-WATER

Tot Ion:168 Resp: 409191

Ion Ratio Lower Upper

168 100

99 59.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

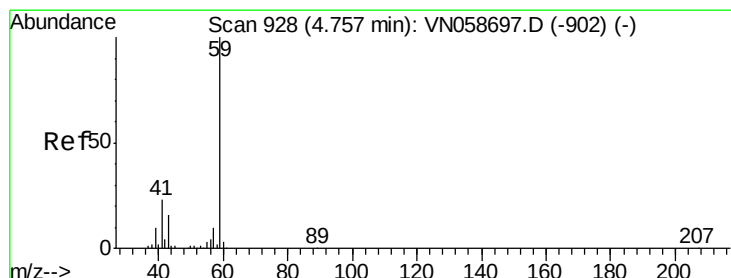
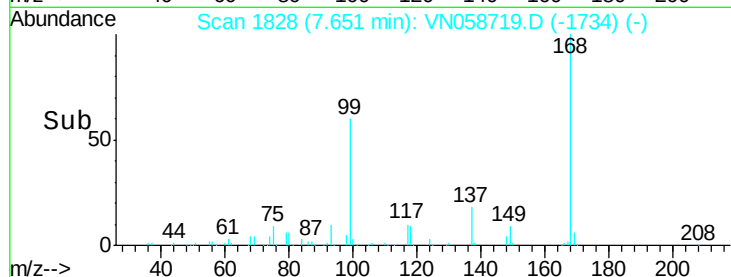
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 17.374 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN058719.D

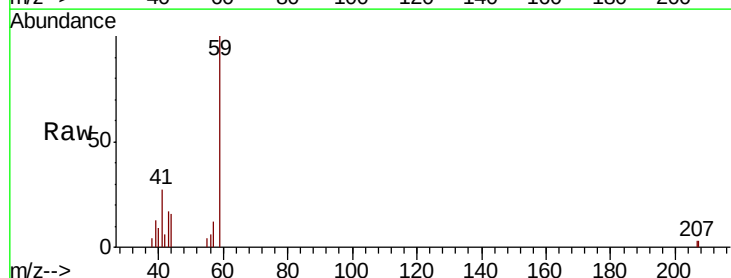
Acq: 11 Oct 2019 21:52

Tgt Ion: 59 Resp: 16119

Ion Ratio Lower Upper

59 100

57 8.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.77

5000

4000

3000

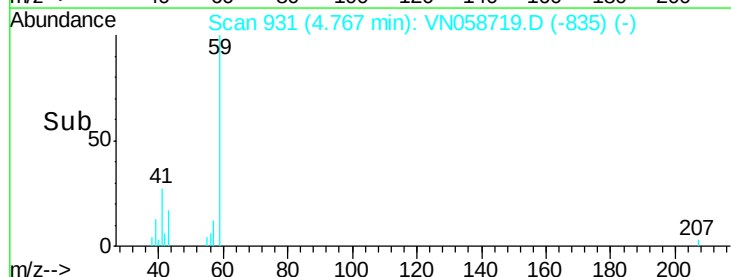
2000

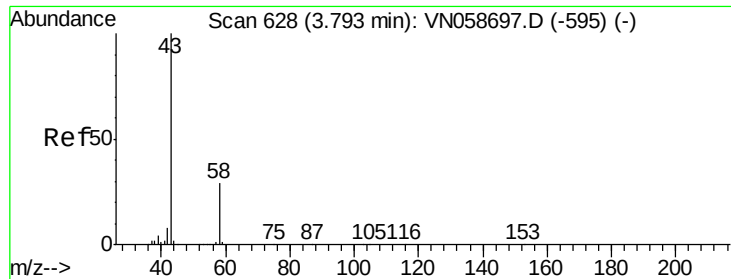
1000

0

4.70 4.80

Time-->





#16

Acetone

Concen: 8.760 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058719.D

Acq: 11 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

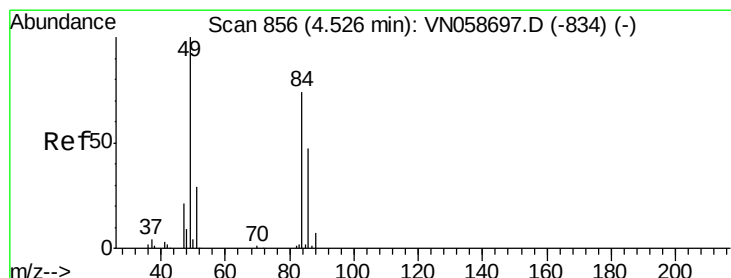
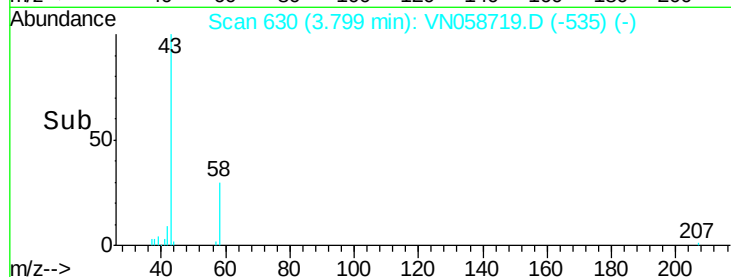
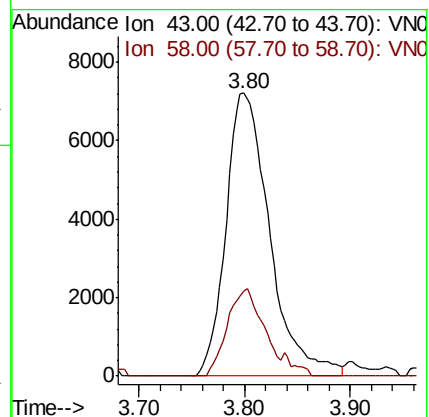
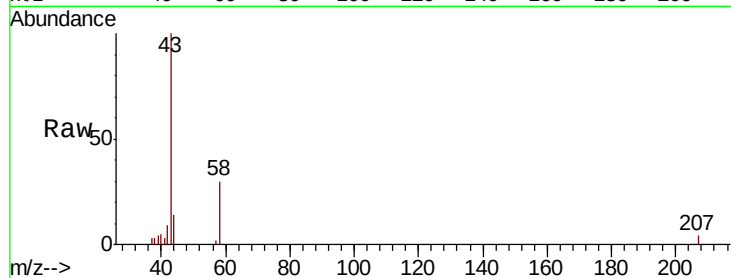
HHT-WATER

Tot Ion: 43 Resp: 20775

Ion Ratio Lower Upper

43 100

58 30.2 23.3 34.9



#20

Methylene Chloride

Concen: 0.374 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058719.D

Acq: 11 Oct 2019 21:52

Tgt Ion: 84 Resp: 1852

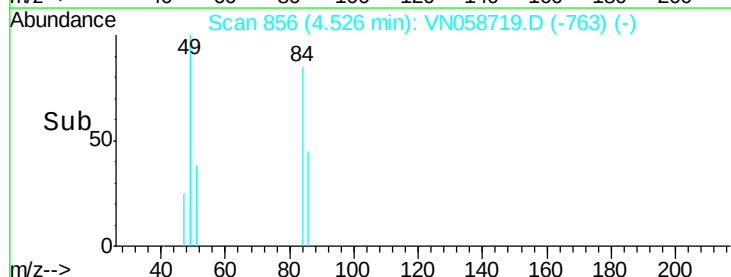
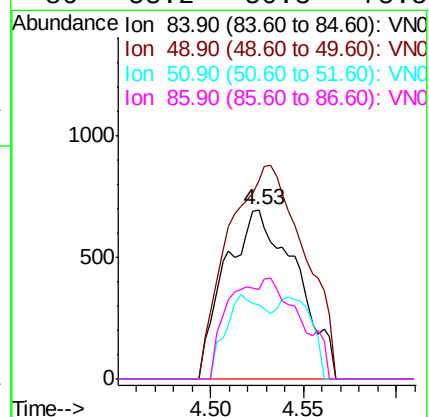
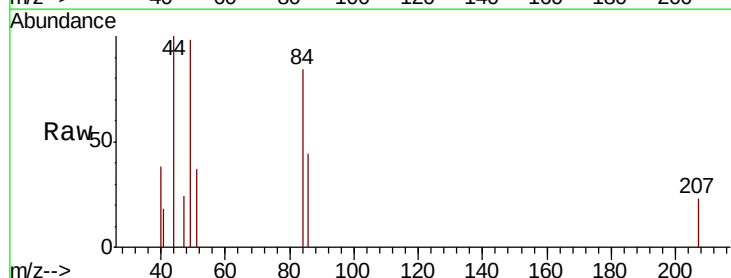
Ion Ratio Lower Upper

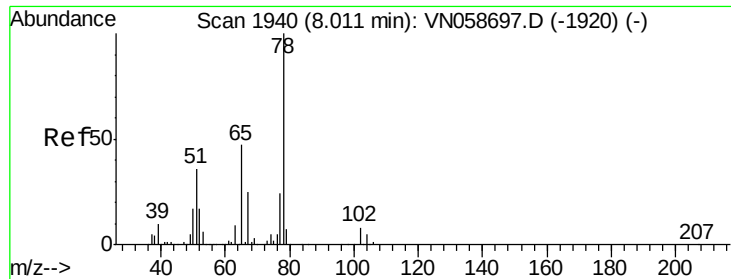
84 100

49 117.4 107.6 161.4

51 44.2 31.4 47.0

86 53.2 50.3 75.5

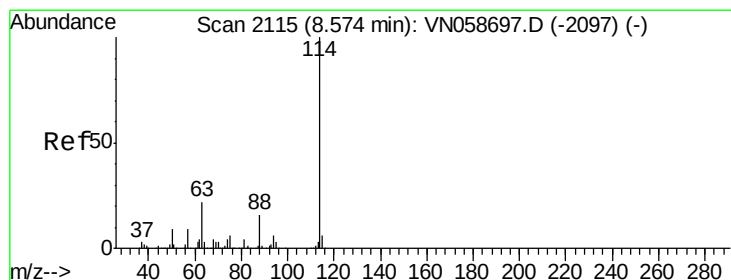
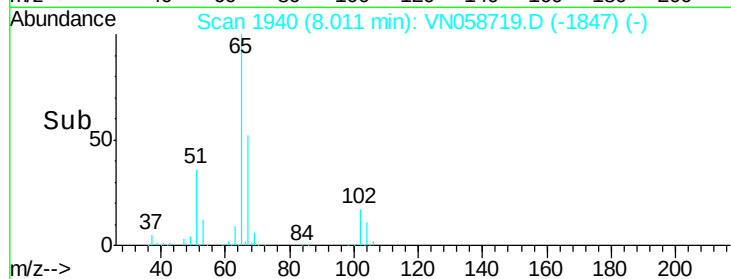
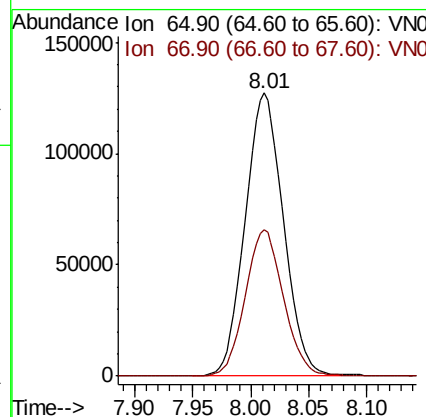
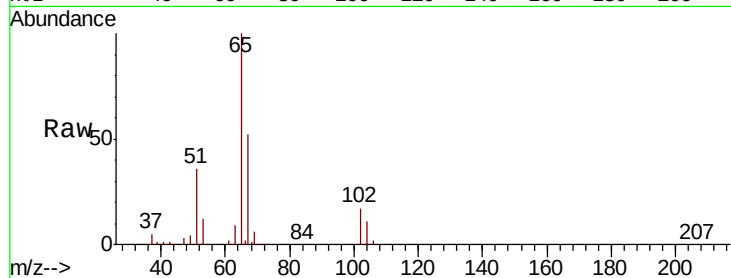




#33
 1,2-Dichloroethane-d4
 Concen: 51.201 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058719.D
 Acq: 11 Oct 2019 21:52

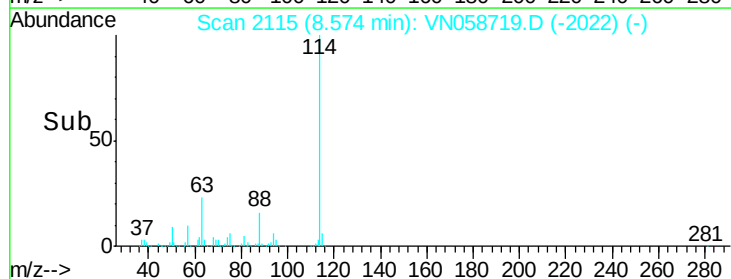
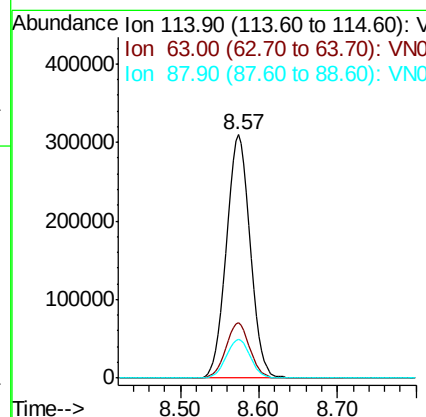
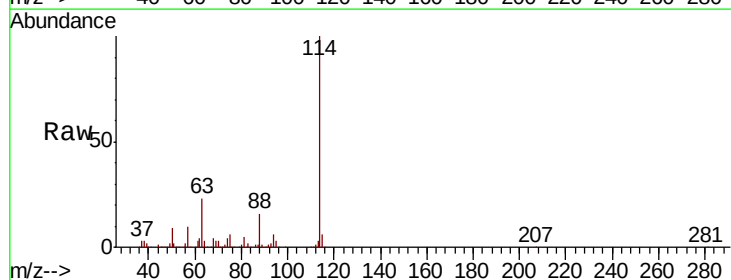
Instrument :
 MSVOA_N
 ClientSampleId :
 HHT-WATER

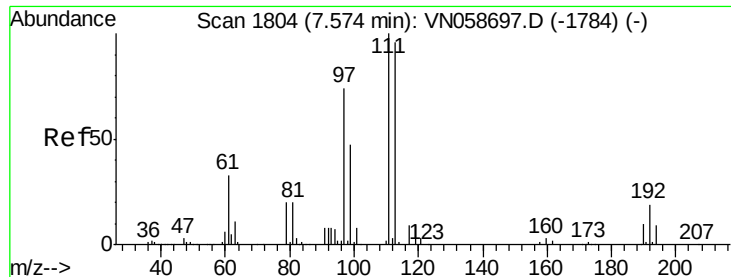
Tot Ion: 65 Resp: 293313
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058719.D
 Acq: 11 Oct 2019 21:52

Tgt Ion: 114 Resp: 644541
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 15.7 0.0 32.0

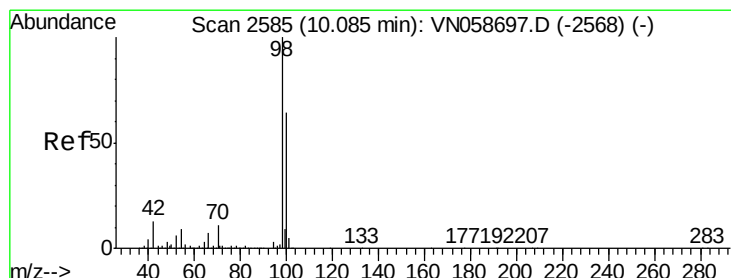
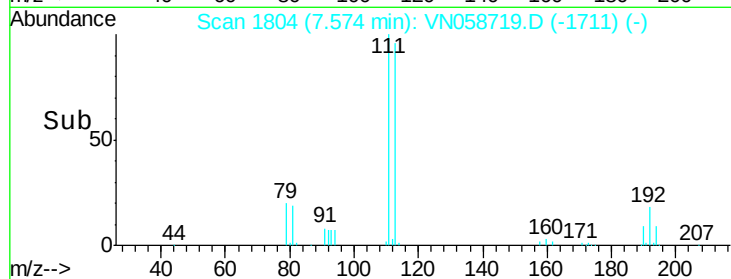
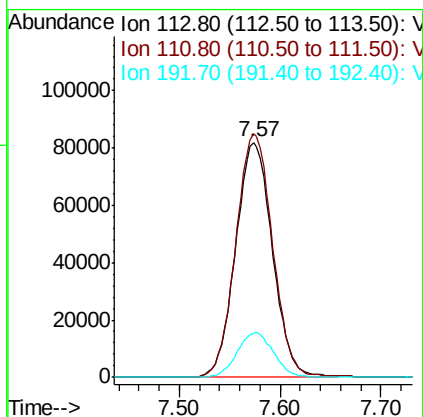
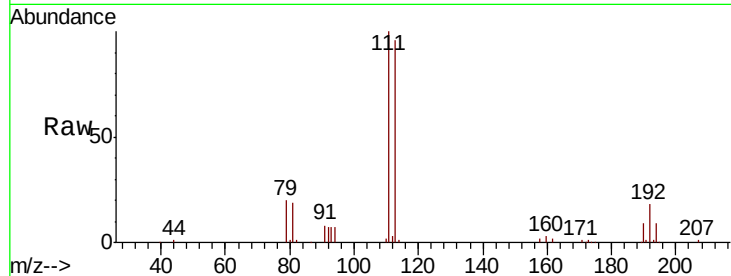




#35
 Dibromofluoromethane
 Concen: 52.202 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058719.D
 Acq: 11 Oct 2019 21:52

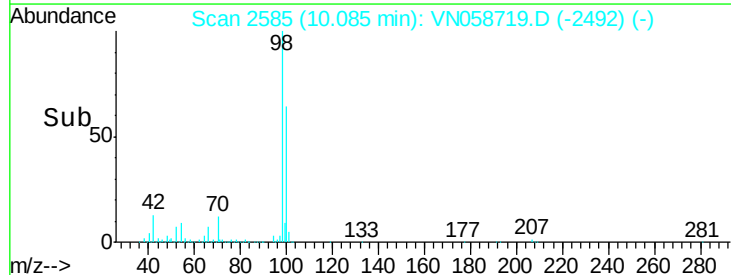
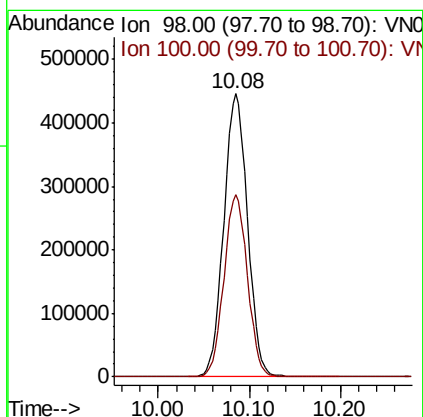
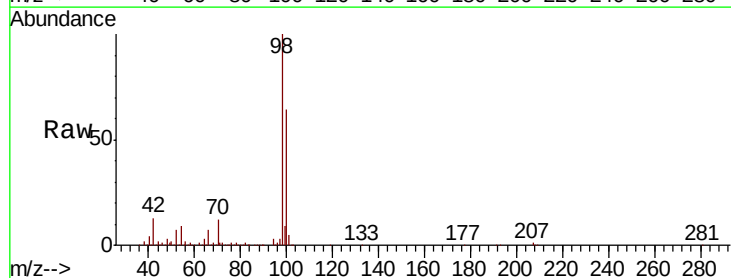
Instrument :
 MSVOA_N
 ClientSampled :
 HHT-WATER

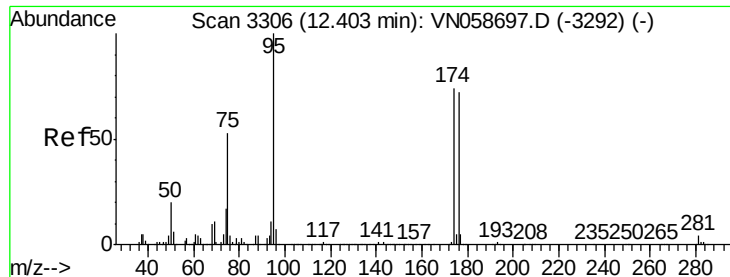
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	18.8	15.0	22.6



#50
 Toluene-d8
 Concen: 50.773 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058719.D
 Acq: 11 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 44.082 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058719.D

Acq: 11 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampled :

HHT-WATER

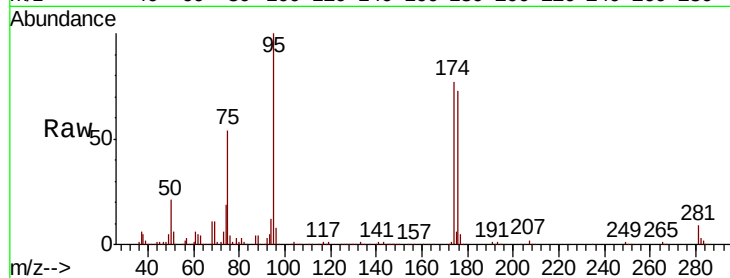
Tot Ion: 95 Resp: 265651

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.4

176 73.9 0.0 146.8

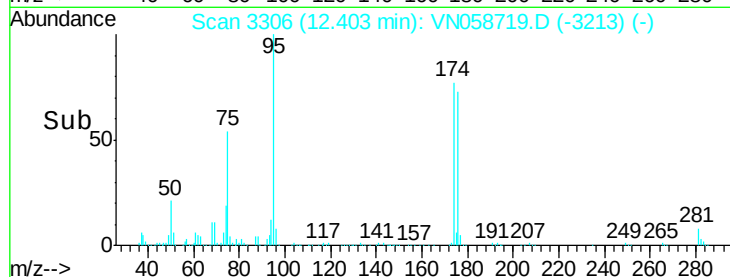


Abundance Ion 94.90 (94.60 to 95.60): VN058719.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058719.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058719.D (-3213) (-)

Time--> 12.30 12.40 12.50

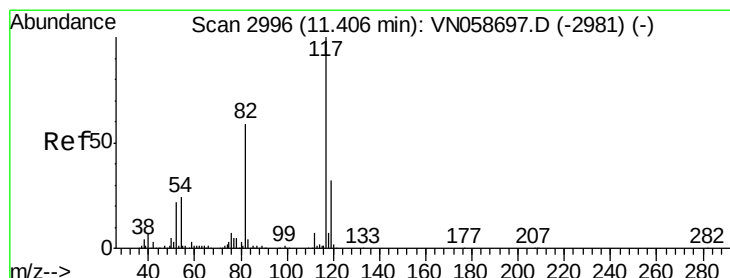


Abundance Ion 94.90 (94.60 to 95.60): VN058719.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058719.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058719.D (-3213) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058719.D

Acq: 11 Oct 2019 21:52

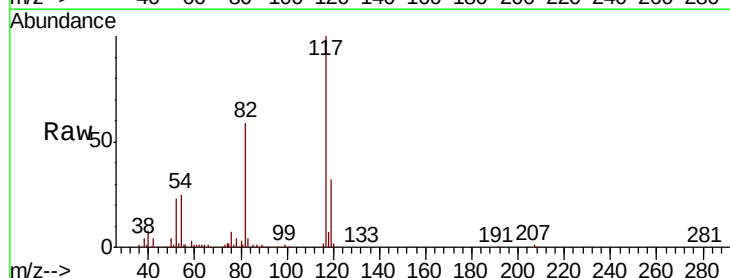
Tgt Ion: 117 Resp: 566155

Ion Ratio Lower Upper

117 100

82 59.2 47.0 70.4

119 31.9 25.4 38.2

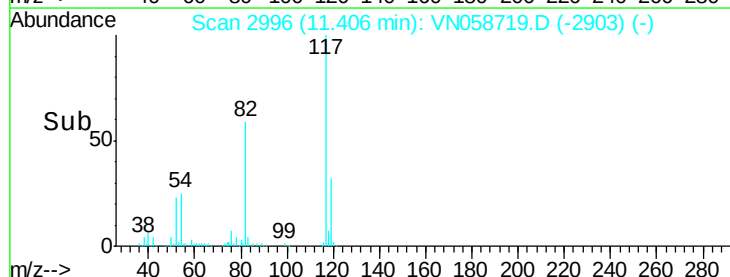


Abundance Ion 116.90 (116.60 to 117.60): VN058719.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058719.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058719.D (-2903) (-)

Time--> 11.30 11.40 11.50

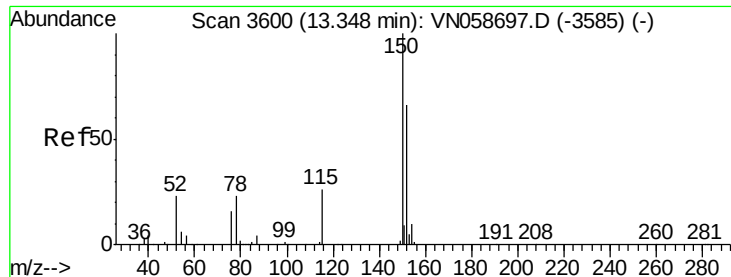


Abundance Ion 116.90 (116.60 to 117.60): VN058719.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058719.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058719.D (-2903) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058719.D

Acq: 11 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

HHT-WATER

Tot Ion:152 Resp: 224611

Ion Ratio Lower Upper

152 100

115 61.7 30.4 91.2

150 159.0 0.0 345.4

