

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058036.D
 Acq On : 13 Sep 2019 22:41
 Operator : JC/SP
 Sample : K4694-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-3-(0)

Quant Time: Sep 14 05:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

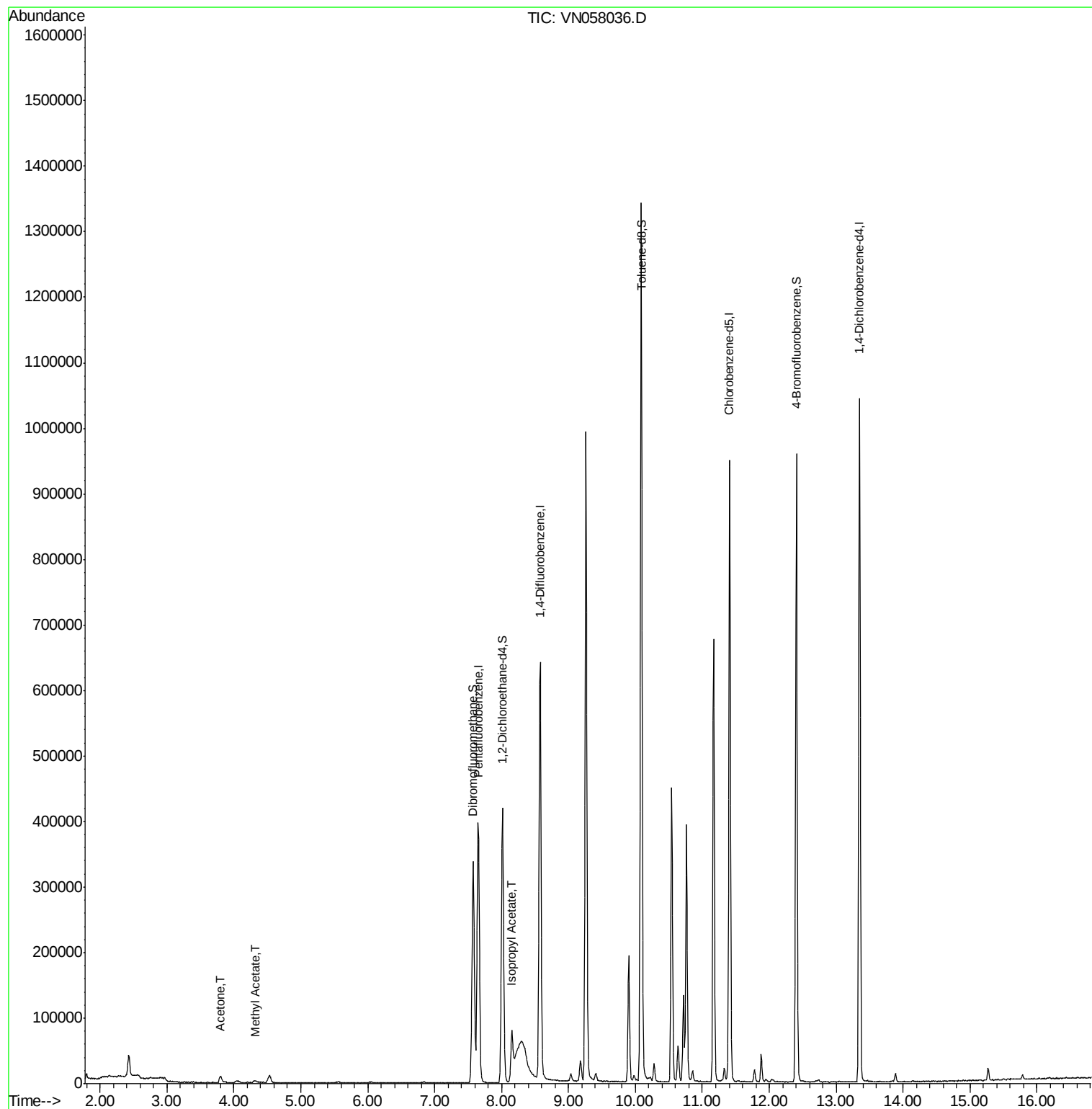
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	309665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	555843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	367633	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.22%	
35) Dibromofluoromethane	7.58	113	251260	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.09	98	913762	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.41	95	322371	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
Target Compounds						
16) Acetone	3.80	43	17112	8.323	ug/l	92
18) Methyl Acetate	4.31	43	6430	1.173	ug/l #	84
43) Isopropyl Acetate	8.15	43	97796	8.732	ug/l #	84

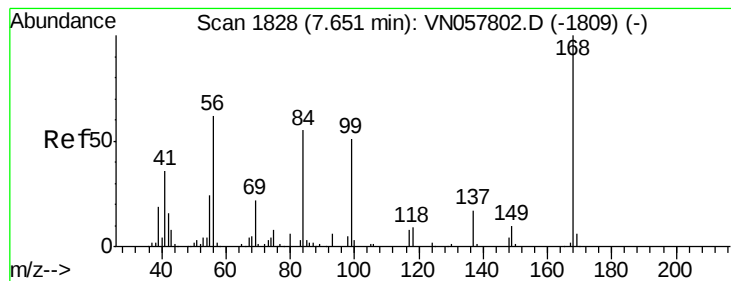
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 14 05:53:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
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QLast Update : Tue Sep 10 03:02:13 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: VN058036.D

Acq: 13 Sep 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

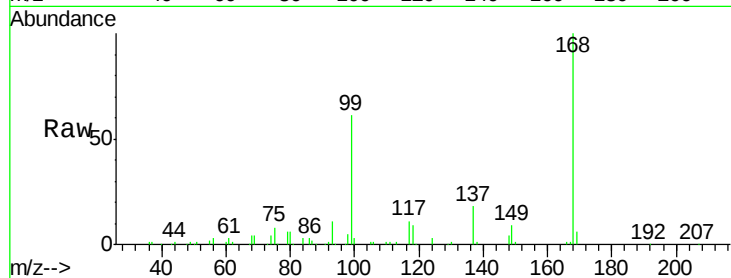
T1-3-(0)

Tot Ion:168 Resp: 309665

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

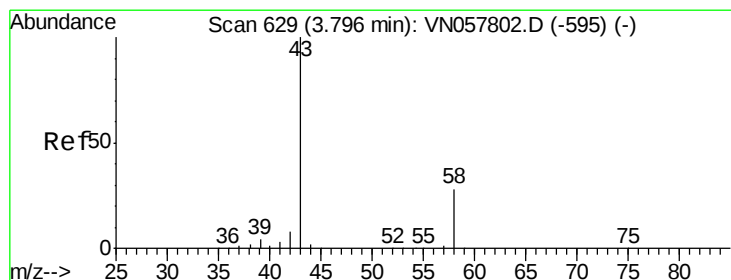
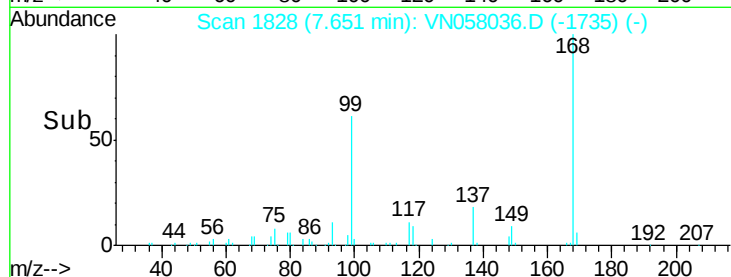
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.323 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058036.D

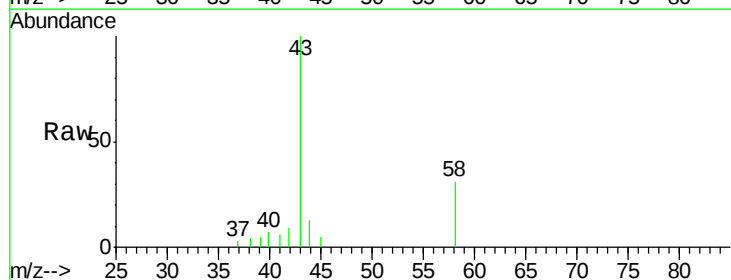
Acq: 13 Sep 2019 22:41

Tgt Ion: 43 Resp: 17112

Ion Ratio Lower Upper

43 100

58 31.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

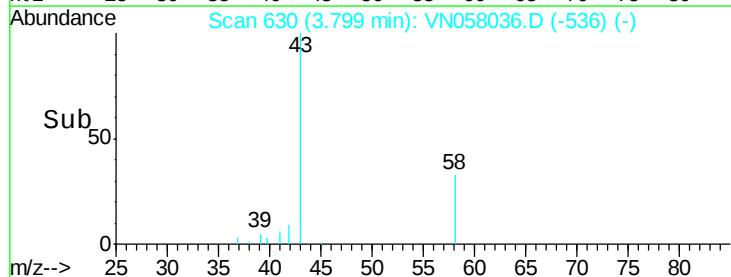
6000

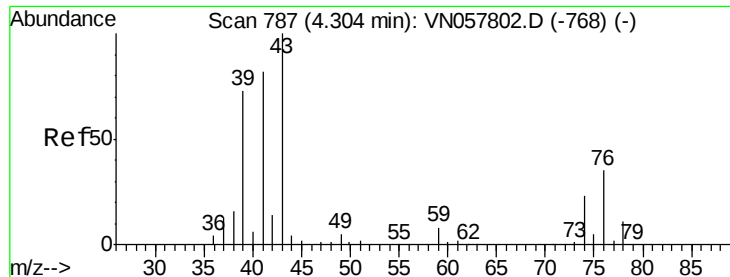
4000

2000

0

Time-->

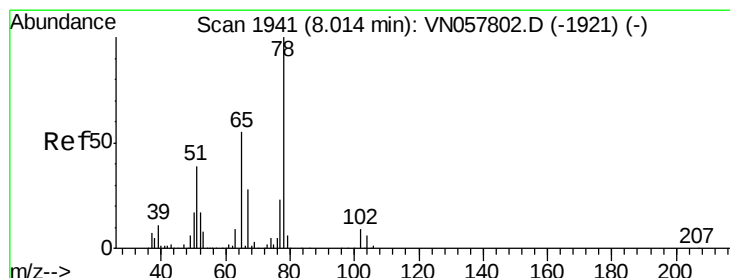
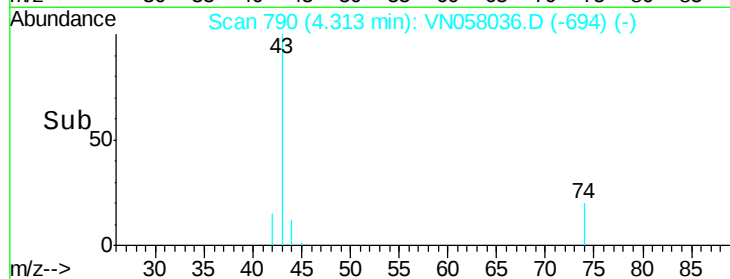
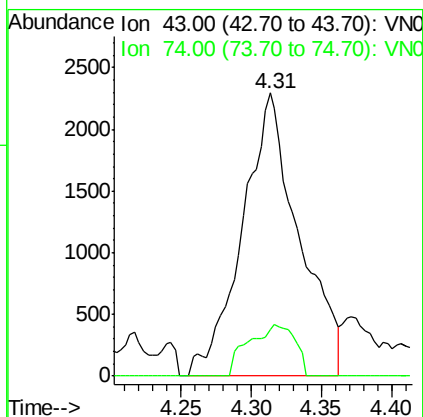
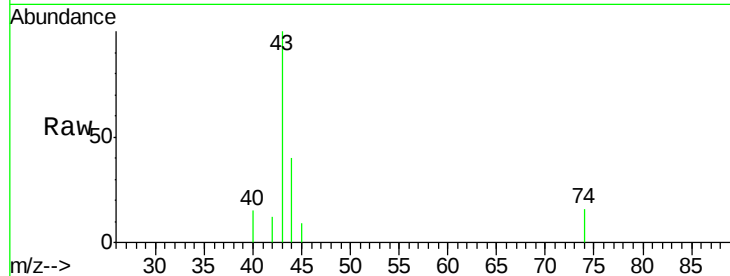




#18
Methyl Acetate
Concen: 1.173 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058036.D
Acq: 13 Sep 2019 22:41

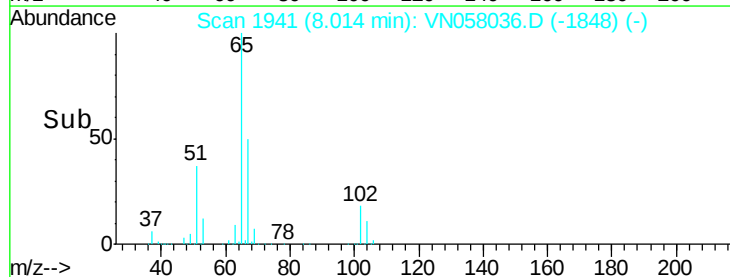
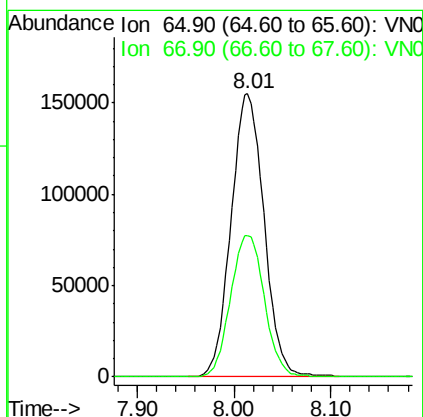
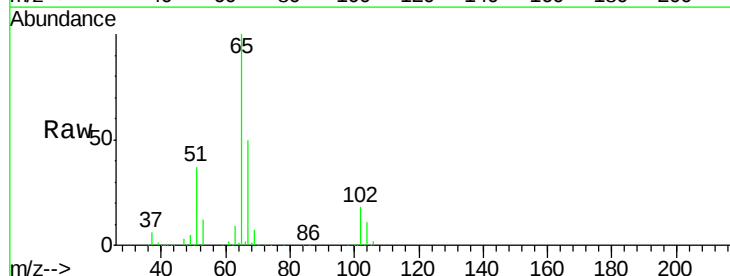
Instrument :
MSVOA_N
ClientSampled :
T1-3-(0)

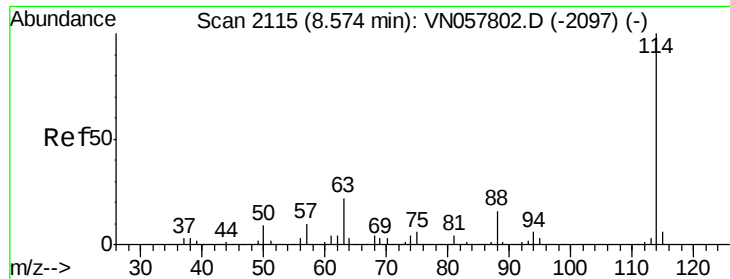
Tot Ion: 43 Resp: 6430
Ion Ratio Lower Upper
43 100
74 14.9 17.9 26.9#



#33
1,2-Dichloroethane-d4
Concen: 58.615 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058036.D
Acq: 13 Sep 2019 22:41

Tgt Ion: 65 Resp: 367633
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058036.D

Acq: 13 Sep 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

T1-3-(0)

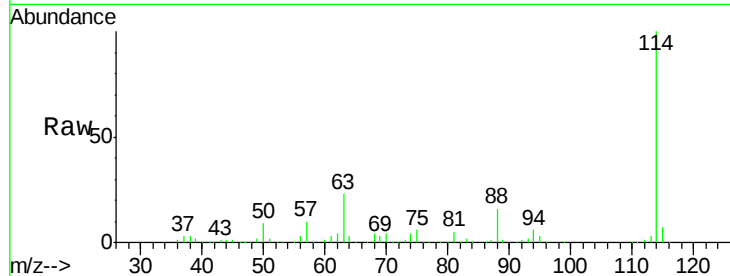
Tot Ion:114 Resp: 555843

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

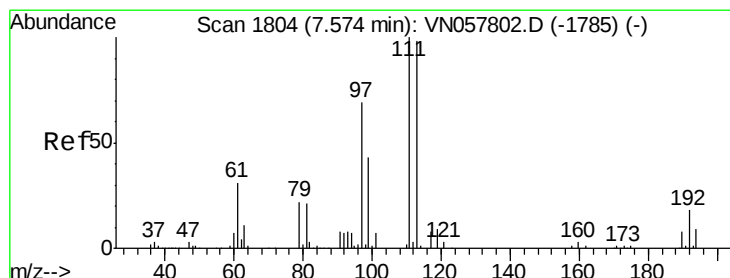
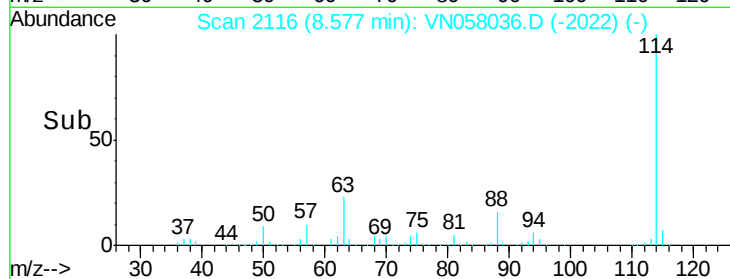
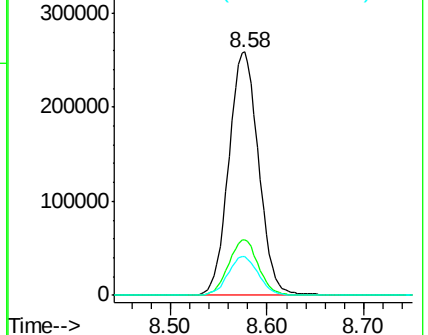
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.977 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058036.D

Acq: 13 Sep 2019 22:41

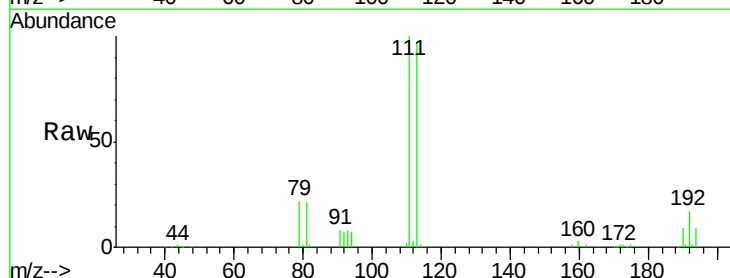
Tgt Ion:113 Resp: 251260

Ion Ratio Lower Upper

113 100

111 104.8 81.3 121.9

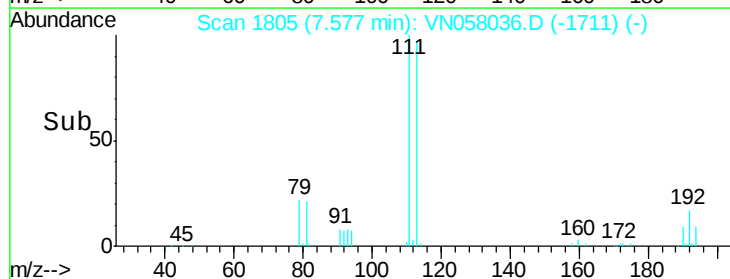
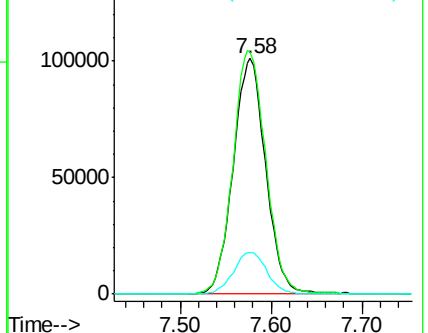
192 18.4 14.6 22.0

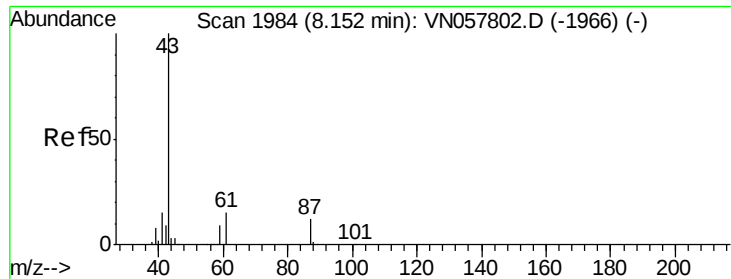


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.732 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058036.D

Acq: 13 Sep 2019 22:41

Instrument :

MSVOA_N

ClientSampled :

T1-3-(0)

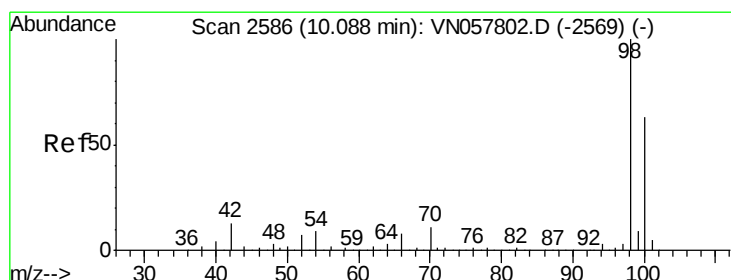
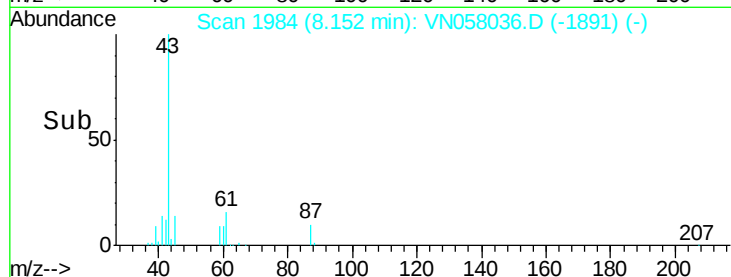
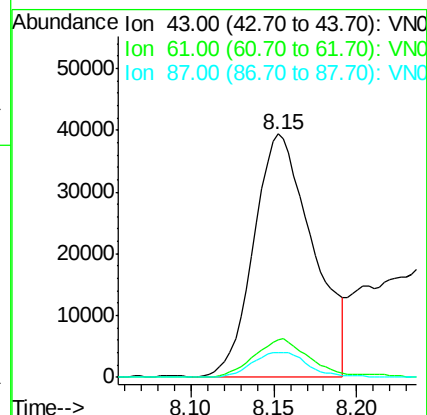
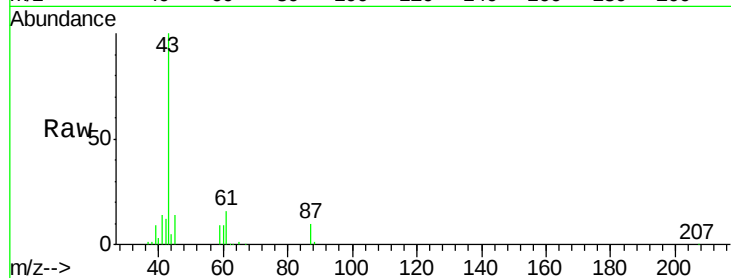
Tot Ion: 43 Resp: 97796

Ion Ratio Lower Upper

43 100

61 14.9 20.1 30.1#

87 9.6 9.5 14.3



#50

Toluene-d8

Concen: 45.876 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058036.D

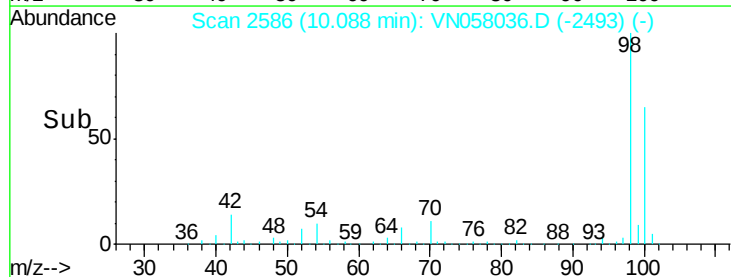
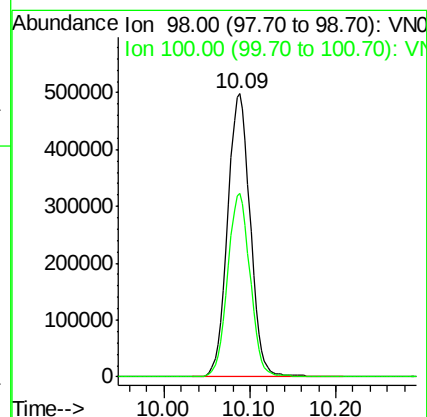
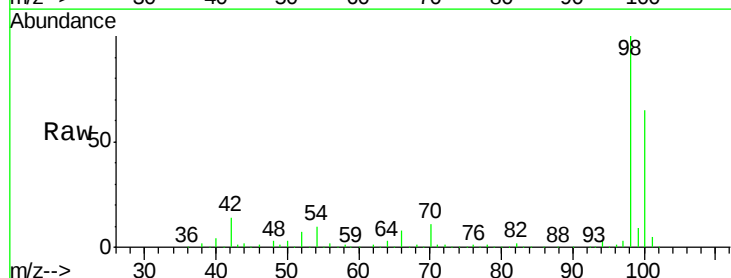
Acq: 13 Sep 2019 22:41

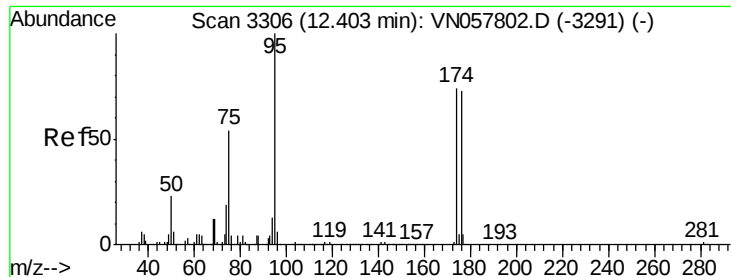
Tgt Ion: 98 Resp: 913762

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 42.470 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058036.D

Acq: 13 Sep 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

T1-3-(0)

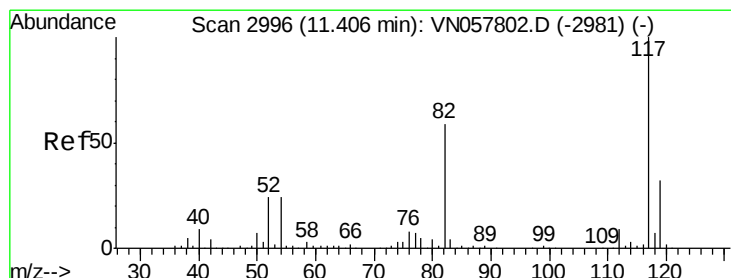
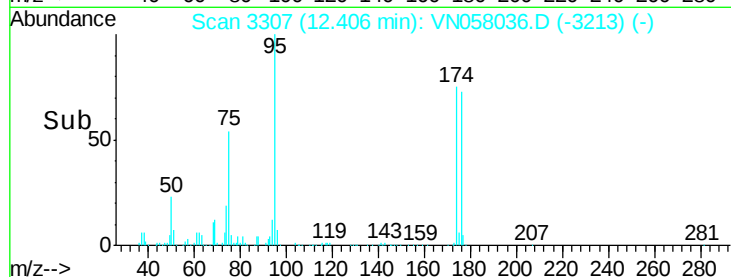
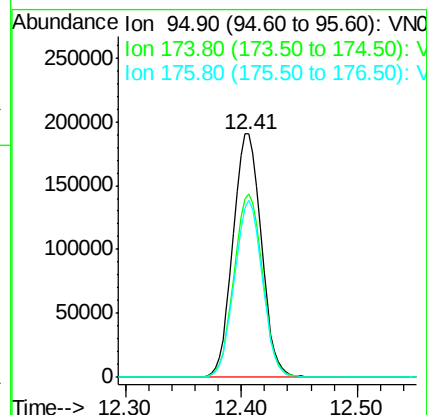
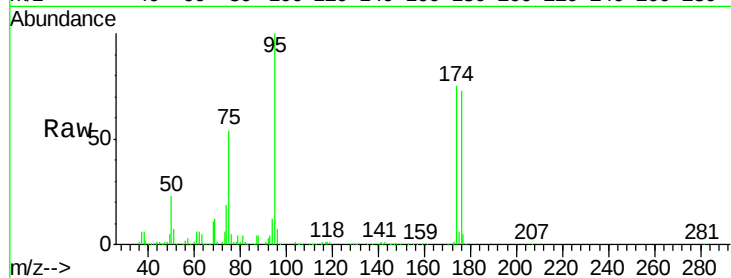
Tot Ion: 95 Resp: 322371

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 71.4 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058036.D

Acq: 13 Sep 2019 22:41

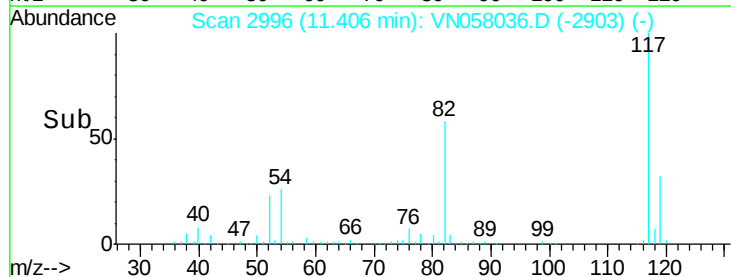
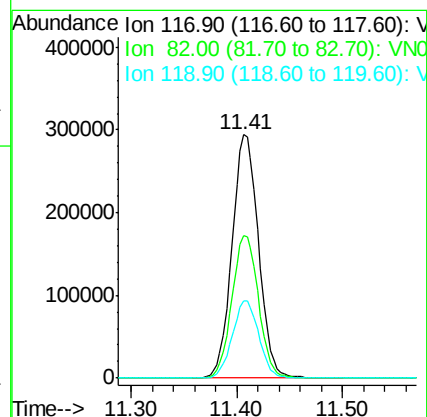
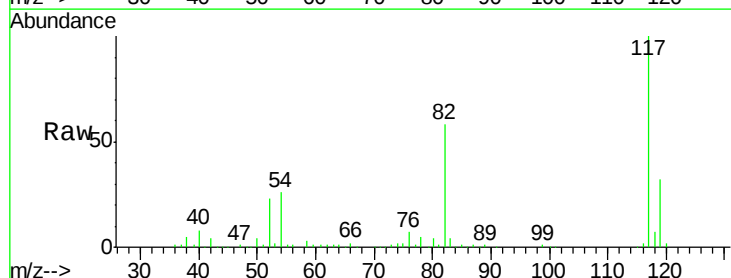
Tgt Ion: 117 Resp: 510161

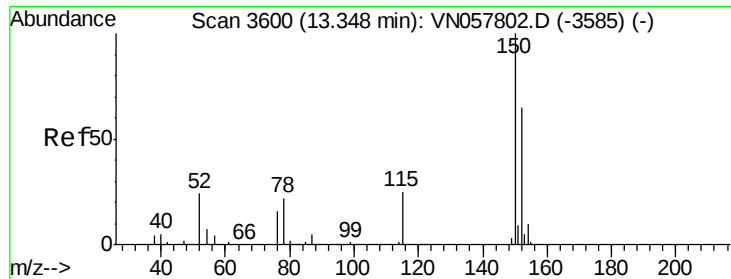
Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

119 31.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058036.D

Acq: 13 Sep 2019 22:41

Instrument :

MSVOA_N

ClientSampleId :

T1-3-(0)

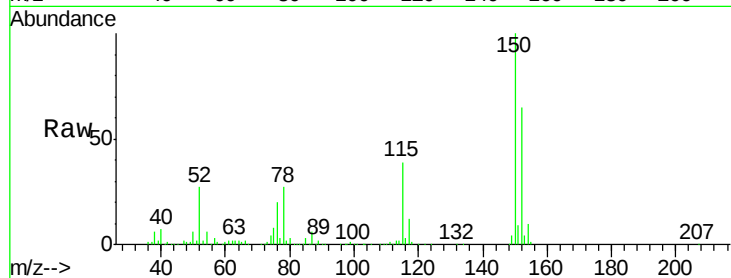
Tot Ion:152 Resp: 263428

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

150 156.9 0.0 352.4



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

