

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058041.D
 Acq On : 14 Sep 2019 00:31
 Operator : JC/SP
 Sample : K4694-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-1-(1.5)

Quant Time: Sep 14 06:25:54 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

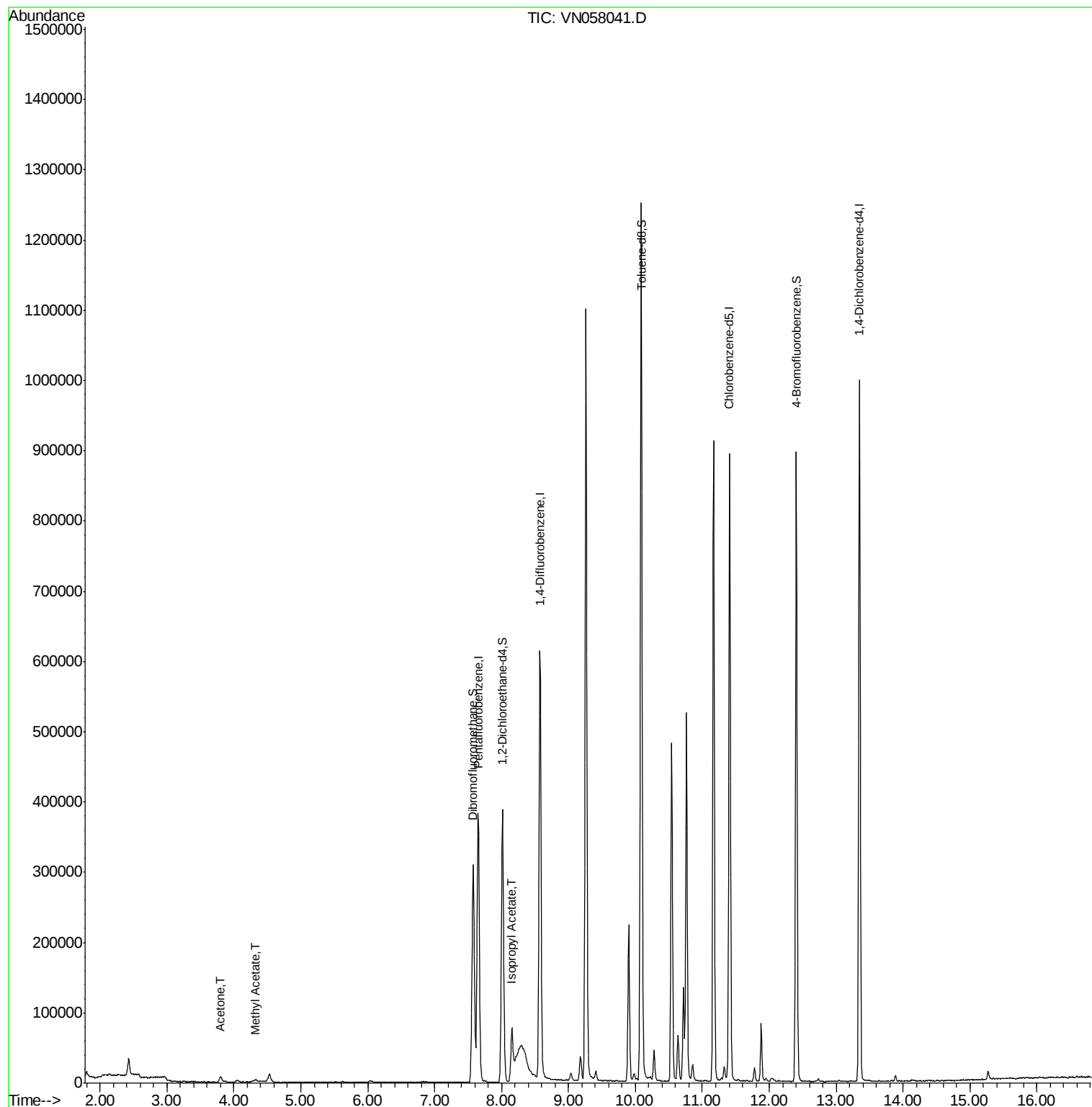
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	295669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	532064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	481776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	337225	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.58	113	234214	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	872091	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.40	95	297440	40.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.88%	
Target Compounds						
16) Acetone	3.80	43	14373	7.321	ug/l #	89
18) Methyl Acetate	4.32	43	7254	1.386	ug/l #	67
43) Isopropyl Acetate	8.15	43	98699	9.206	ug/l #	83

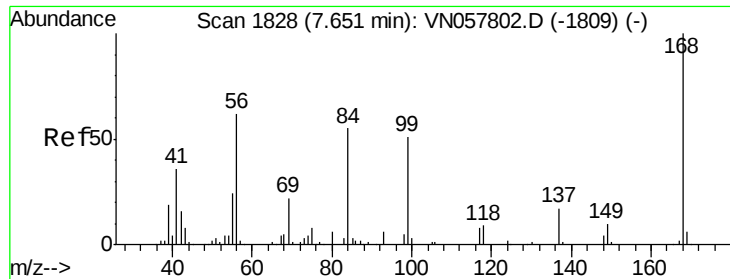
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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Quant Time: Sep 14 06:25:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
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: VN058041.D

Acq: 14 Sep 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

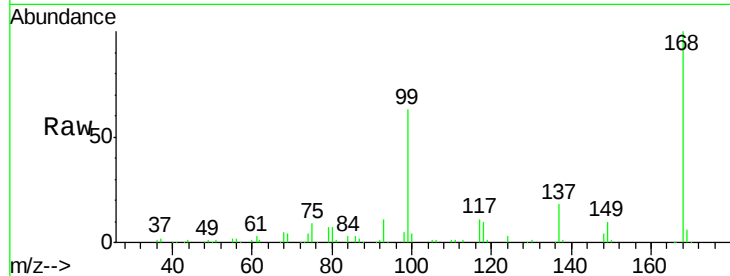
T2-1-(1.5)

Tot Ion:168 Resp: 295669

Ion Ratio Lower Upper

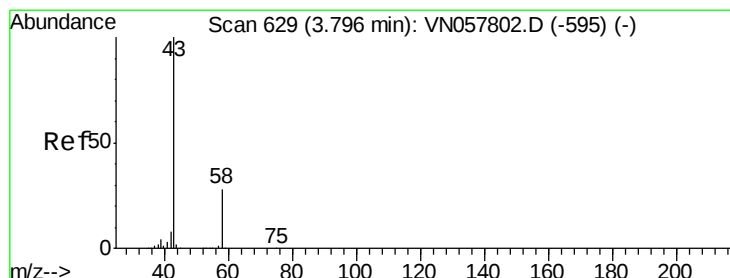
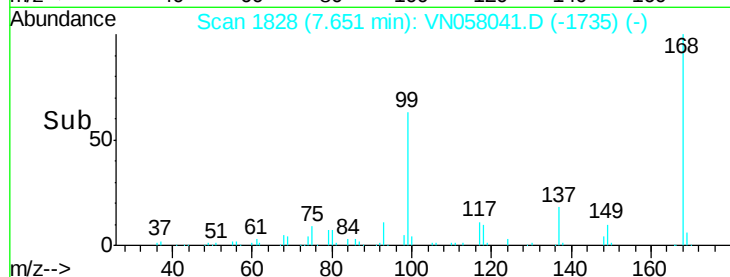
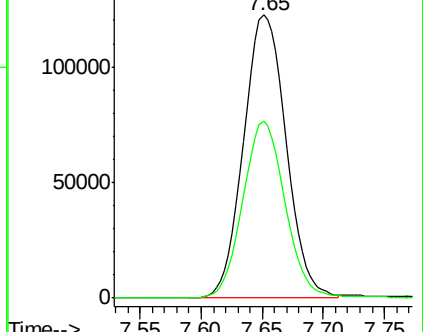
168 100

99 62.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.321 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058041.D

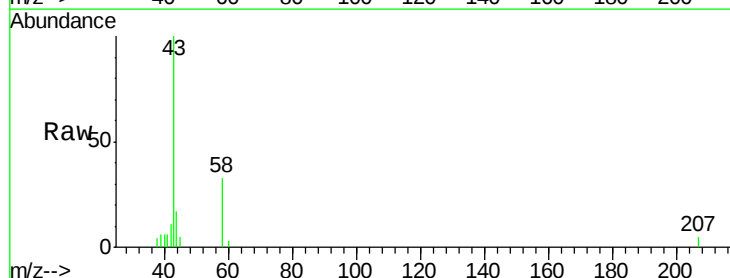
Acq: 14 Sep 2019 00:31

Tgt Ion: 43 Resp: 14373

Ion Ratio Lower Upper

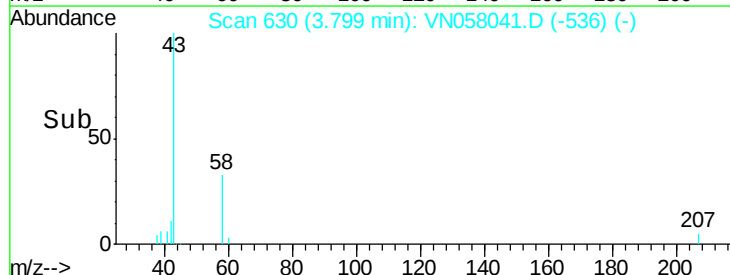
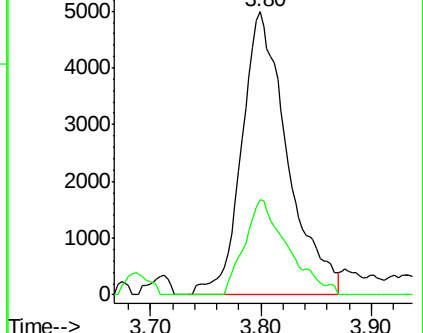
43 100

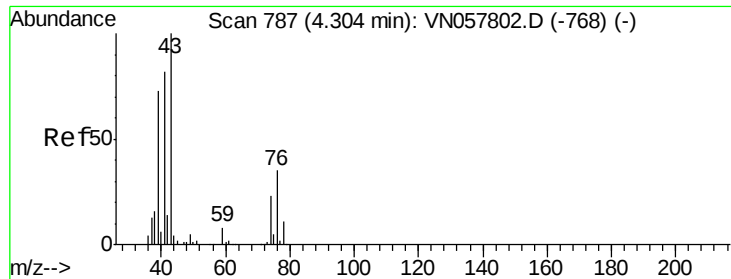
58 33.4 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

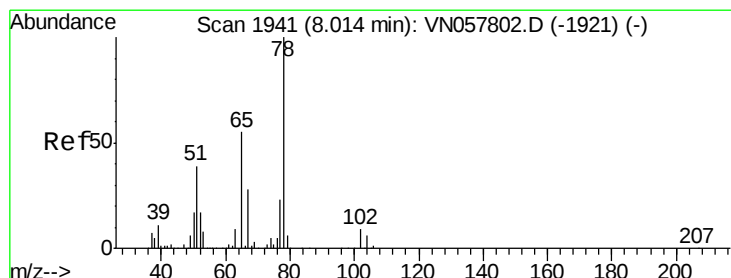
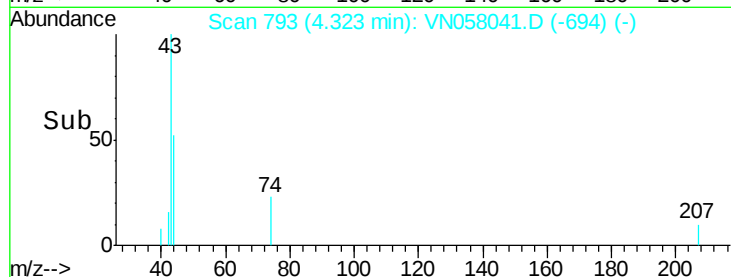
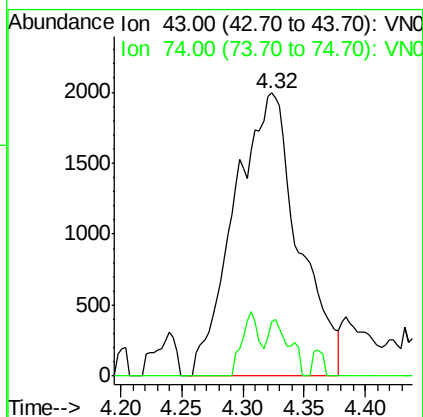
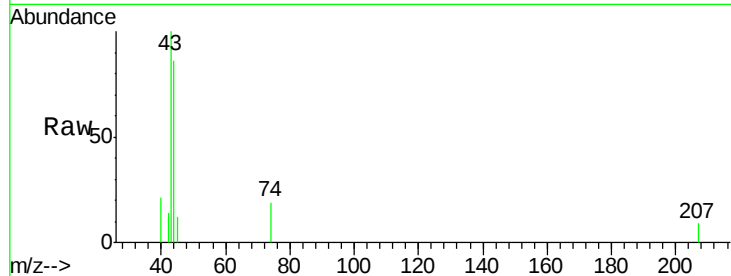




#18
Methyl Acetate
Concen: 1.386 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.02 min
Lab File: VN058041.D
Acq: 14 Sep 2019 00:31

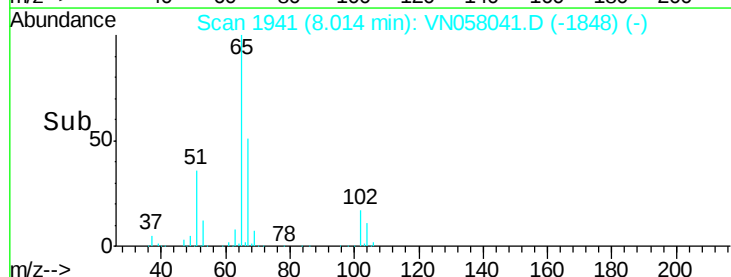
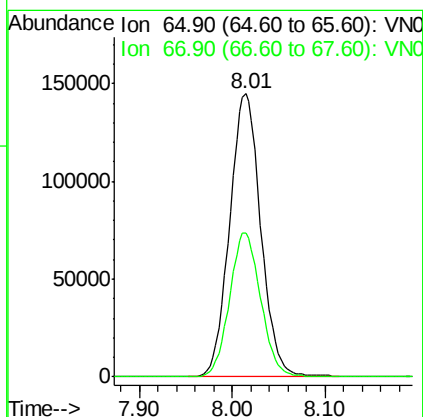
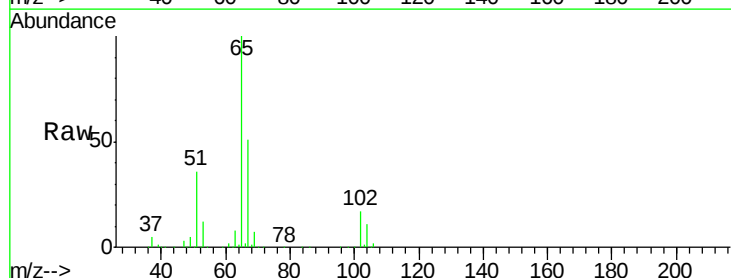
Instrument :
MSVOA_N
ClientSampled :
T2-1-(1.5)

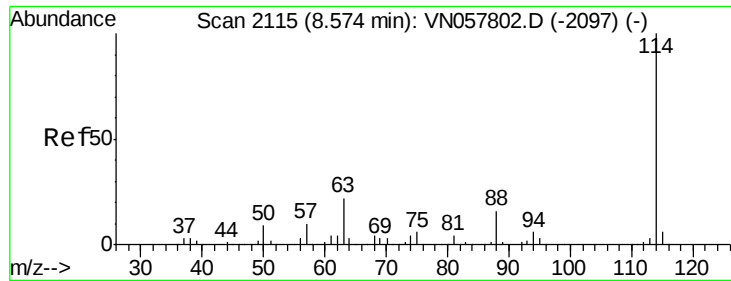
Tot Ion: 43 Resp: 7254
Ion Ratio Lower Upper
43 100
74 6.7 17.9 26.9#



#33
1,2-Dichloroethane-d4
Concen: 56.312 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058041.D
Acq: 14 Sep 2019 00:31

Tgt Ion: 65 Resp: 337225
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

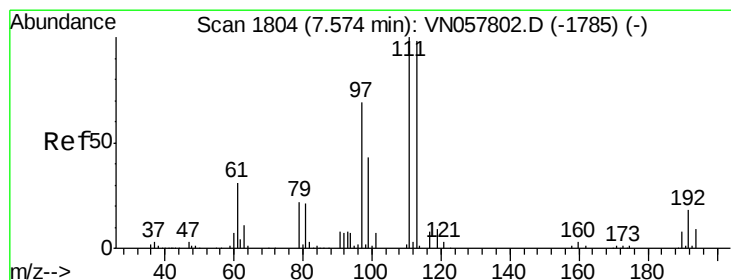
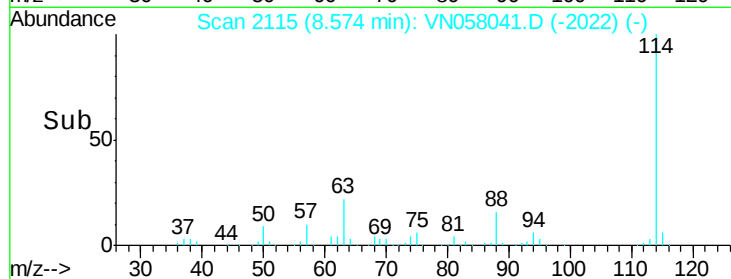
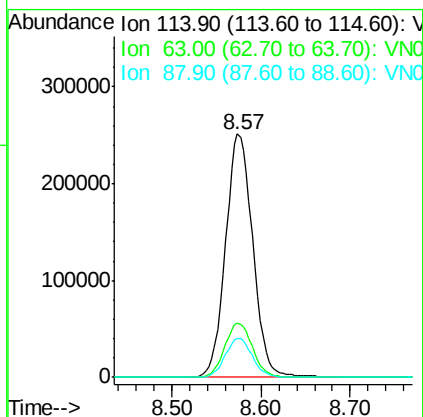
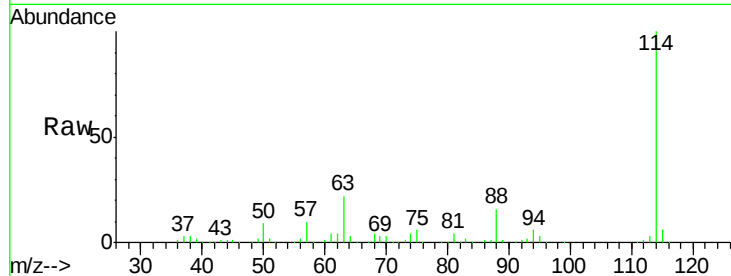




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058041.D
 Acq: 14 Sep 2019 00:31

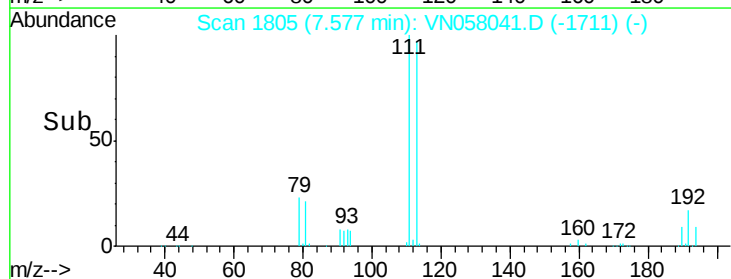
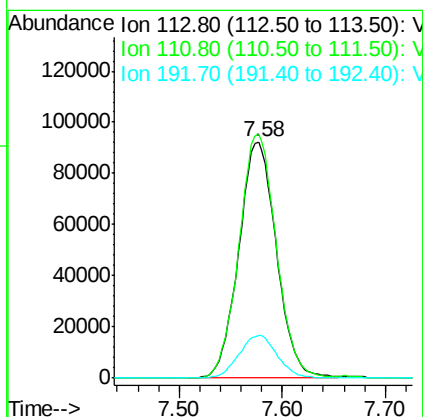
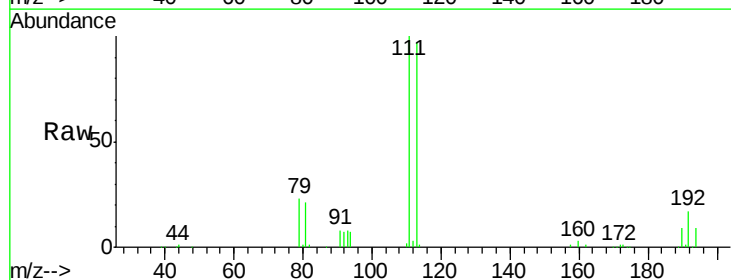
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-1-(1.5)

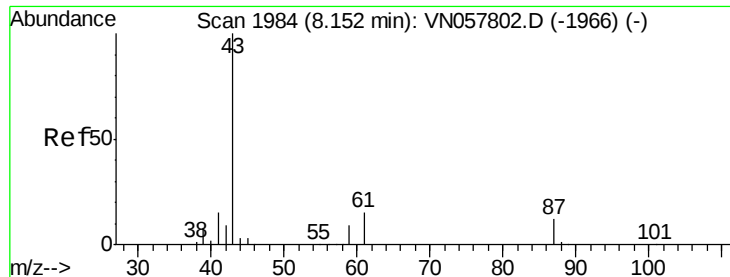
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	16.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.694 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058041.D
 Acq: 14 Sep 2019 00:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	18.4	14.6	22.0





#43

Isopropyl Acetate

Concen: 9.206 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058041.D

Acq: 14 Sep 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

T2-1-(1.5)

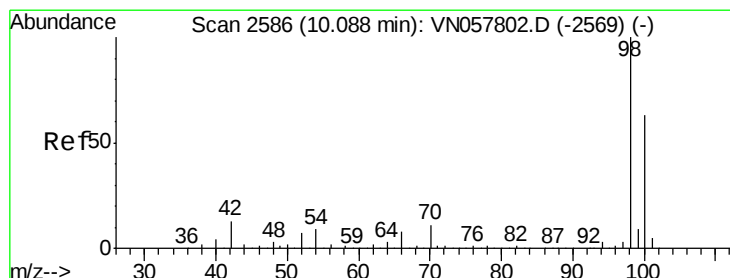
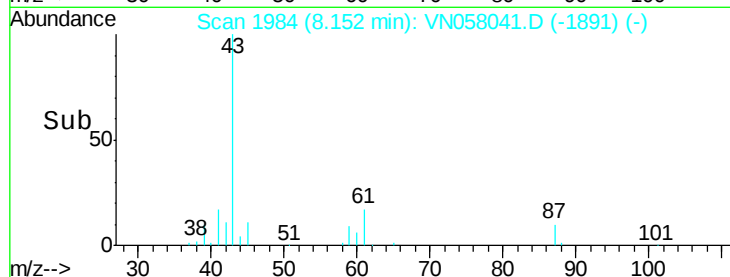
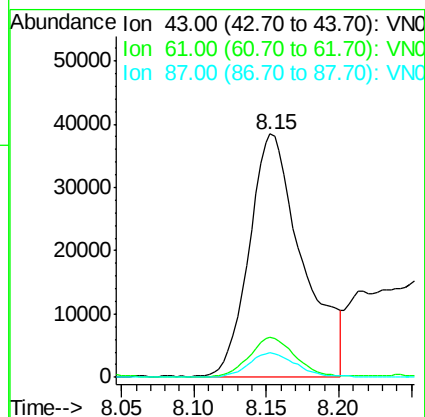
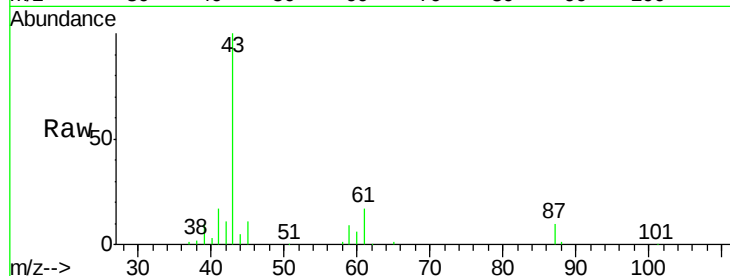
Tot Ion: 43 Resp: 98699

Ion Ratio Lower Upper

43 100

61 14.5 20.1 30.1#

87 8.9 9.5 14.3#



#50

Toluene-d8

Concen: 45.740 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058041.D

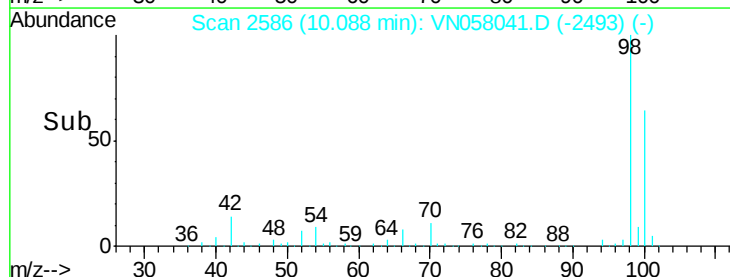
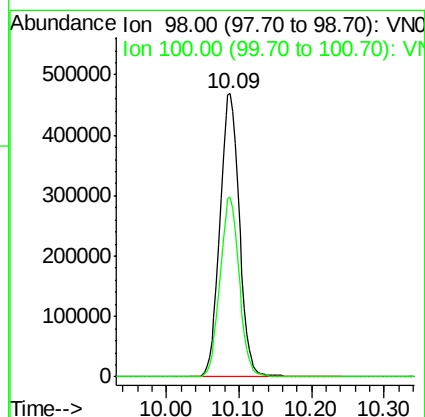
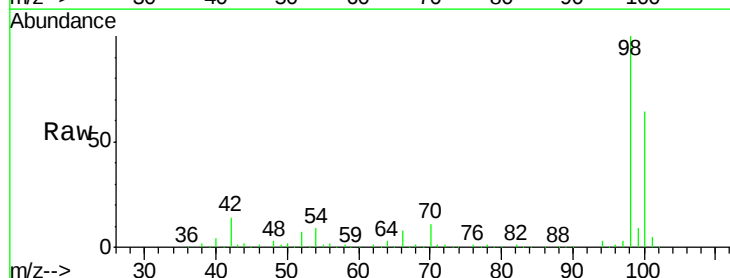
Acq: 14 Sep 2019 00:31

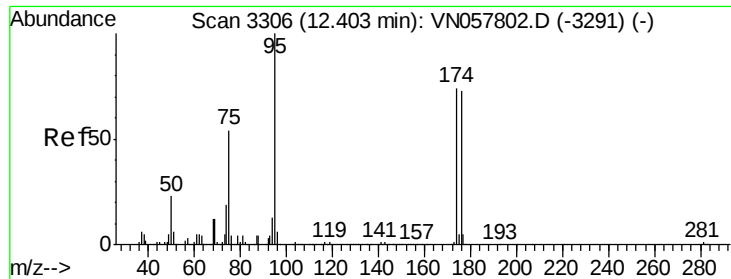
Tgt Ion: 98 Resp: 872091

Ion Ratio Lower Upper

98 100

100 62.4 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 40.937 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058041.D

Acq: 14 Sep 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

T2-1-(1.5)

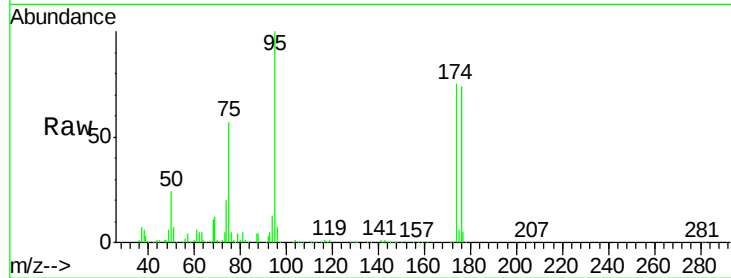
Tot Ion: 95 Resp: 297440

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

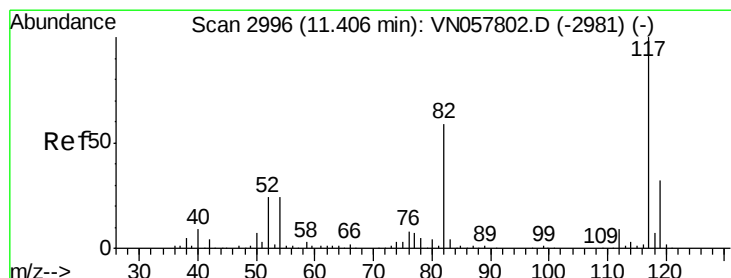
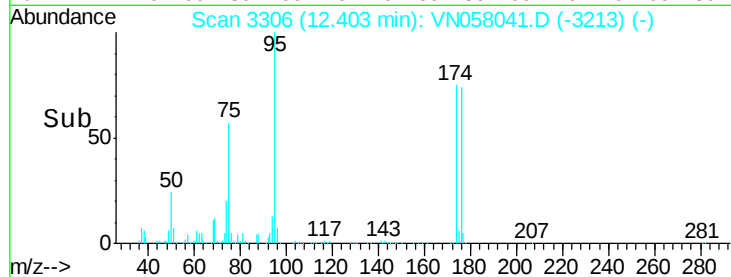
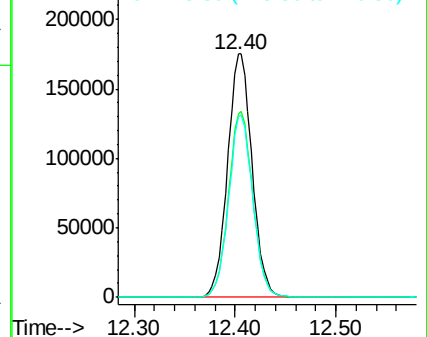
176 73.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058041.D

Acq: 14 Sep 2019 00:31

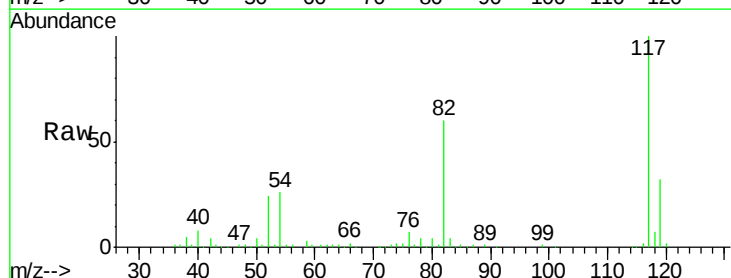
Tgt Ion: 117 Resp: 481776

Ion Ratio Lower Upper

117 100

82 60.4 47.2 70.8

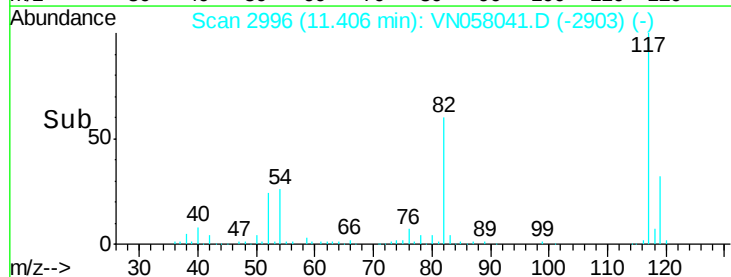
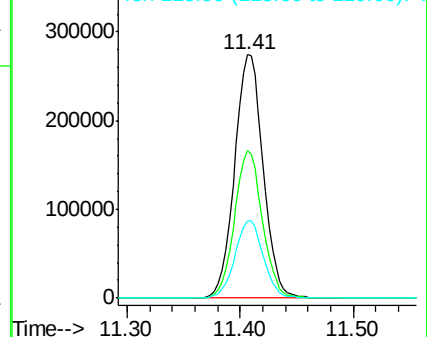
119 31.6 25.3 37.9

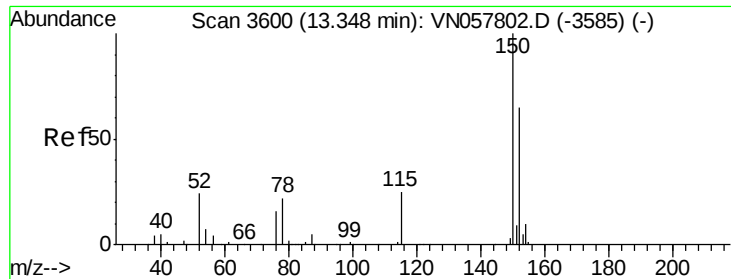


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.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: VN058041.D

Acq: 14 Sep 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

T2-1-(1.5)

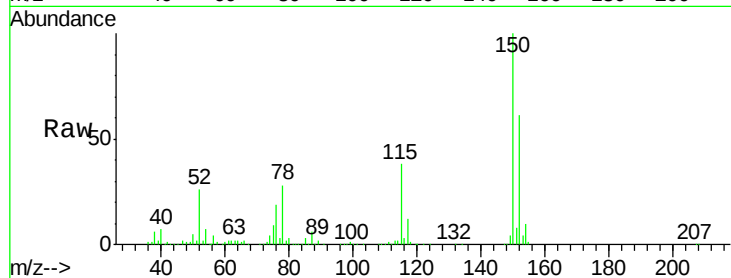
Tot Ion:152 Resp: 242700

Ion Ratio Lower Upper

152 100

115 62.6 30.3 91.0

150 159.8 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

