

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058031.D
 Acq On : 13 Sep 2019 20:51
 Operator : JC/SP
 Sample : K4680-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T3-4-(1.5)

Quant Time: Sep 14 05:39:30 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

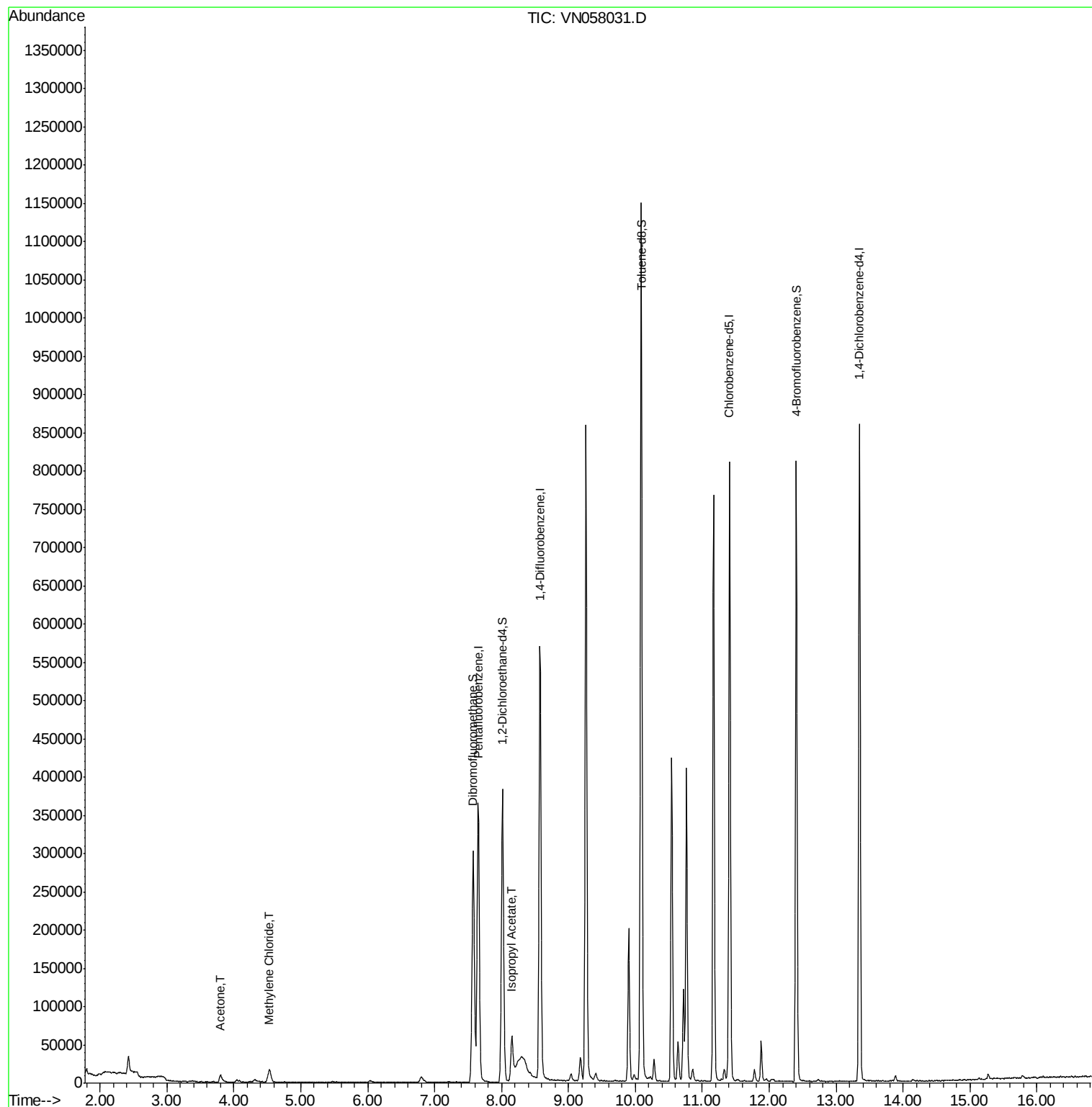
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	281789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	488814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	438288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	325209	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
35) Dibromofluoromethane	7.58	113	226453	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.09	98	792110	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	270609	40.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.08%	
Target Compounds						
16) Acetone	3.80	43	16245	8.683	ug/l	93
20) Methylene Chloride	4.53	84	11865	2.153	ug/l	94
43) Isopropyl Acetate	8.15	43	78813	8.002	ug/l #	87

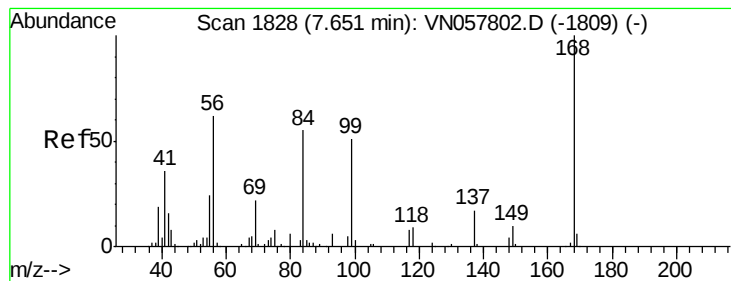
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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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: VN058031.D

Acq: 13 Sep 2019 20:51

Instrument :

MSVOA_N

ClientSampled :

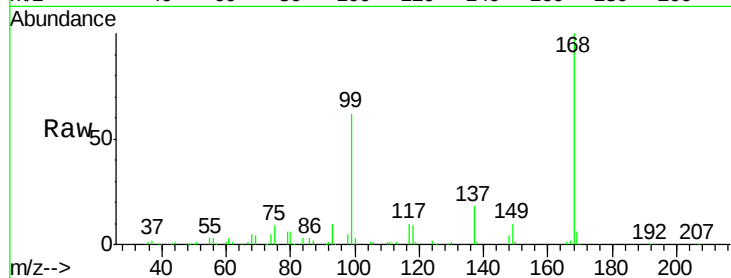
T3-4-(1.5)

Tot Ion:168 Resp: 281789

Ion Ratio Lower Upper

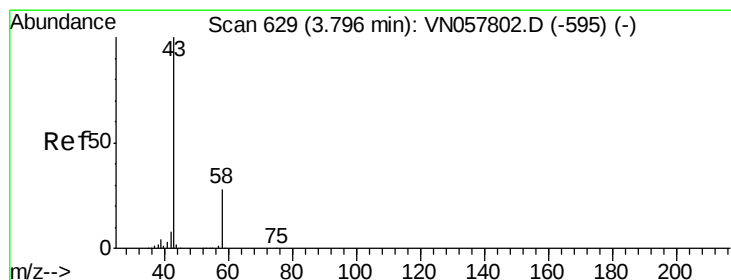
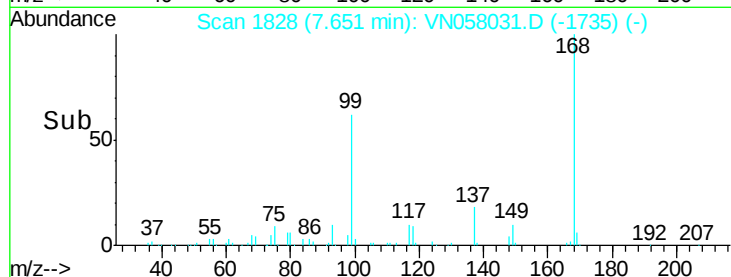
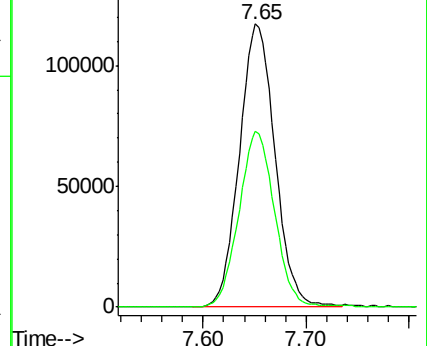
168 100

99 62.2 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: 8.683 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058031.D

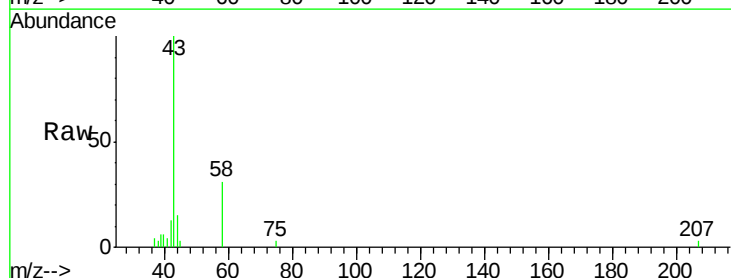
Acq: 13 Sep 2019 20:51

Tgt Ion: 43 Resp: 16245

Ion Ratio Lower Upper

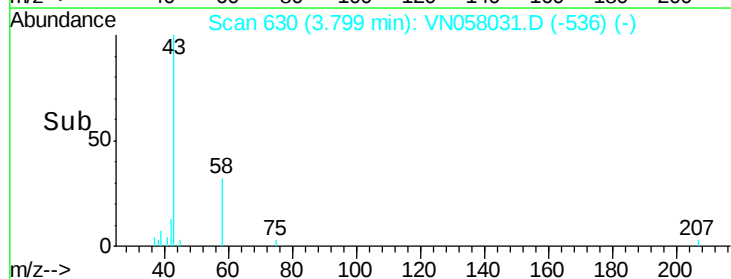
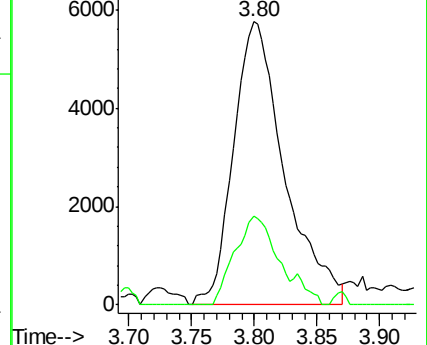
43 100

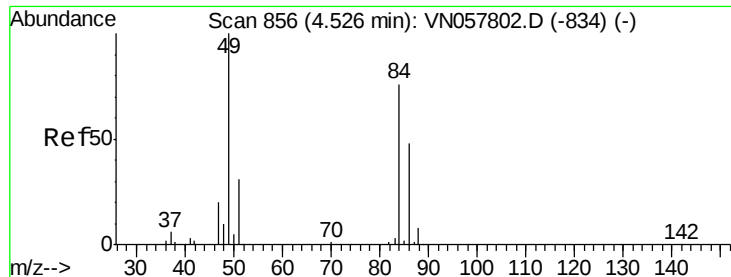
58 31.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

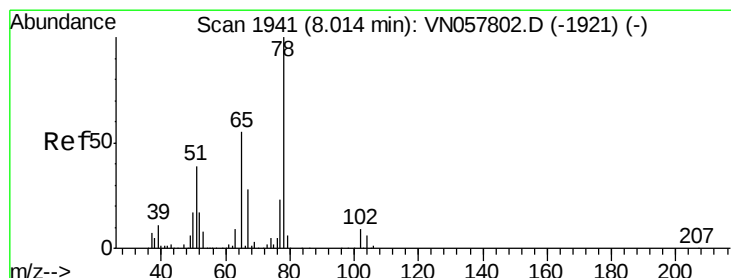
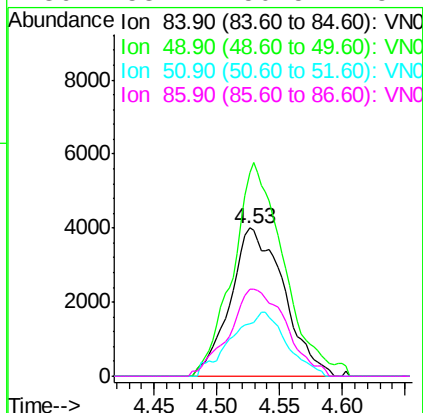
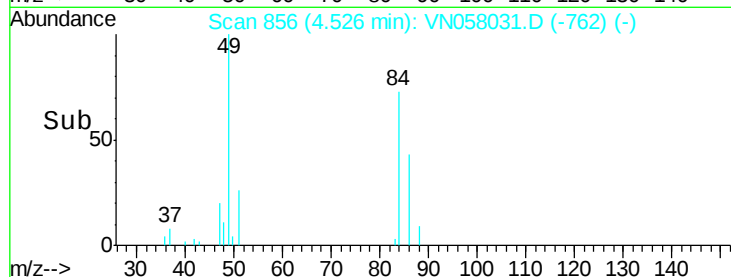
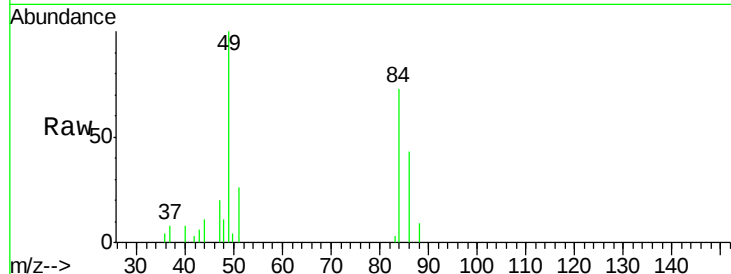




#20
Methvlene Chloride
Concen: 2.153 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058031.D
Acq: 13 Sep 2019 20:51

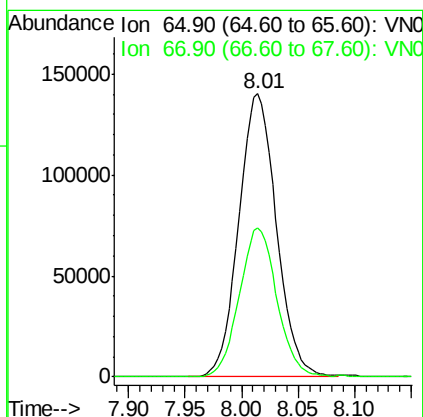
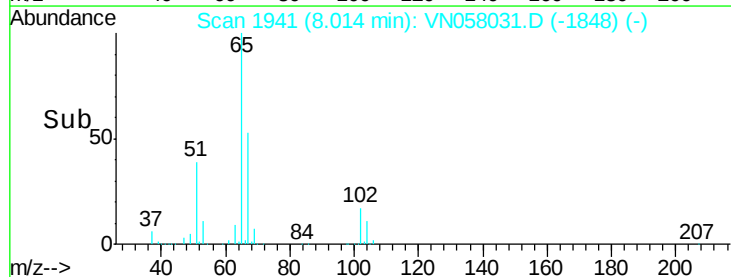
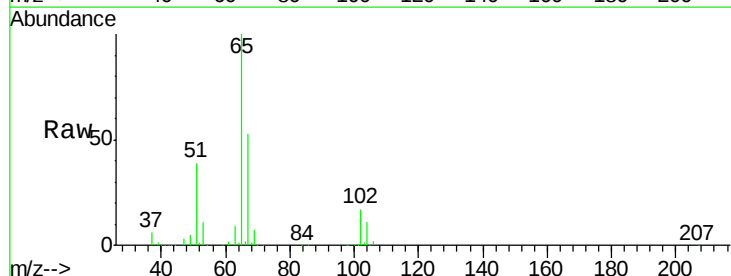
Instrument :
MSVOA_N
ClientSampled :
T3-4-(1.5)

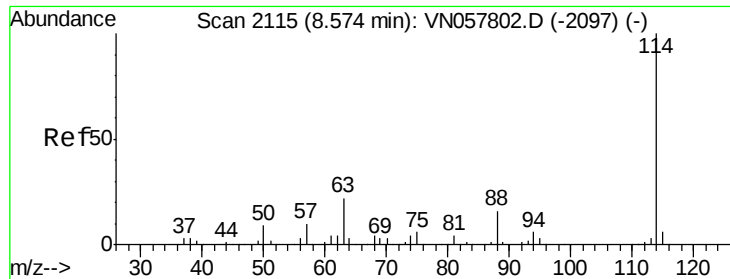
Tot Ion: 84 Resp: 11865
Ion Ratio Lower Upper
84 100
49 137.7 104.8 157.2
51 35.5 33.0 49.4
86 58.7 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 56.980 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058031.D
Acq: 13 Sep 2019 20:51

Tgt Ion: 65 Resp: 325209
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

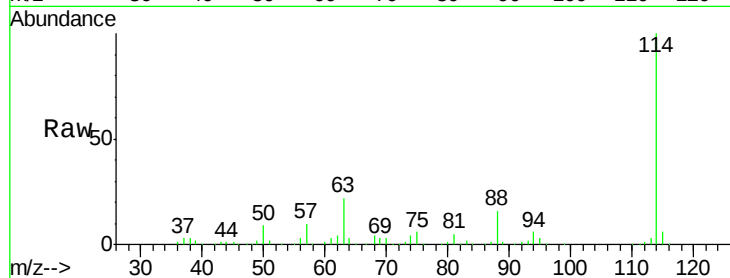




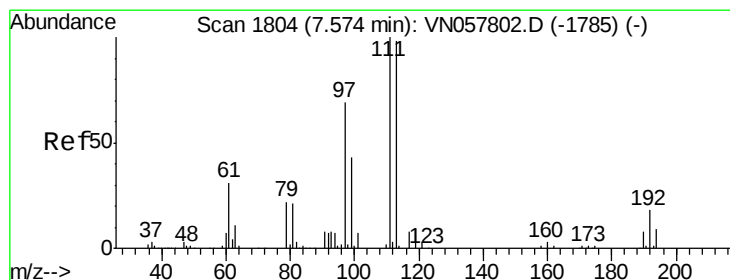
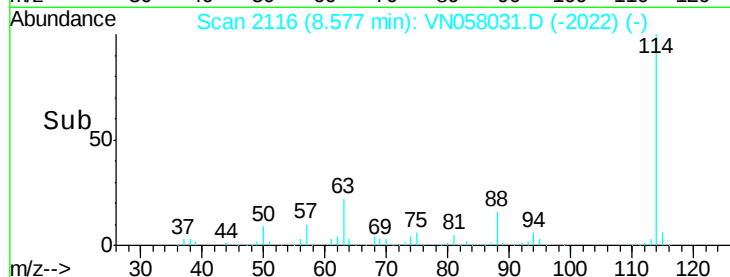
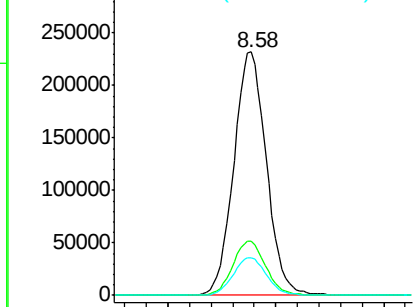
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058031.D
 Acq: 13 Sep 2019 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 T3-4-(1.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	15.5	0.0	31.4

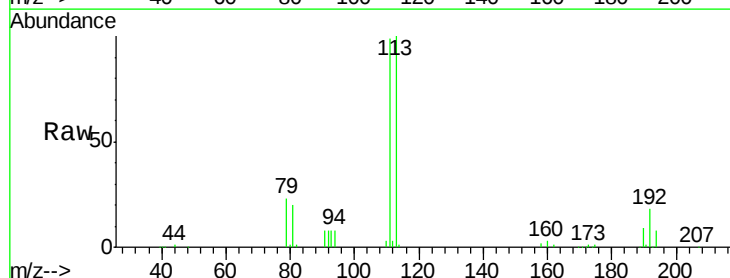


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

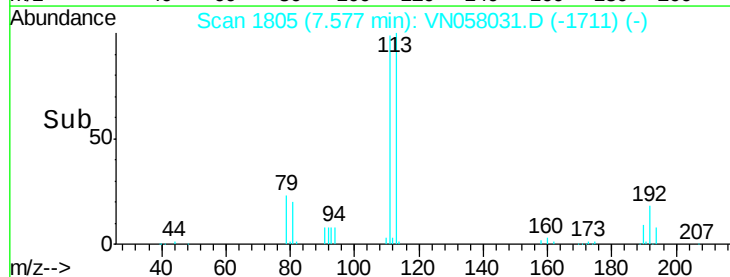
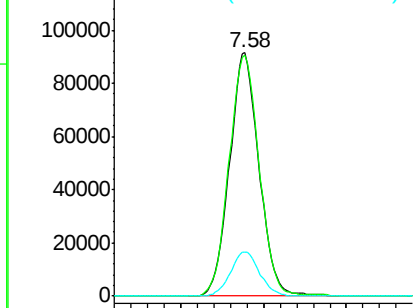


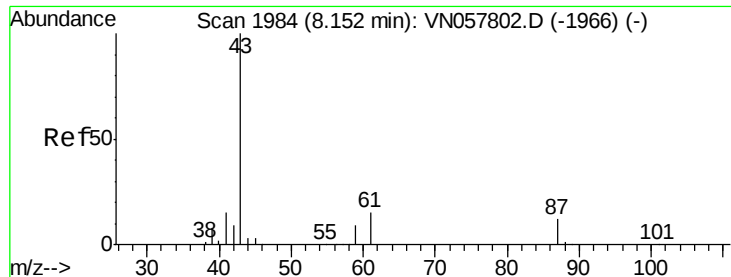
#35
 Dibromofluoromethane
 Concen: 50.194 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058031.D
 Acq: 13 Sep 2019 20:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.3	121.9
192	18.0	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: 8.002 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058031.D

Acq: 13 Sep 2019 20:51

Instrument :

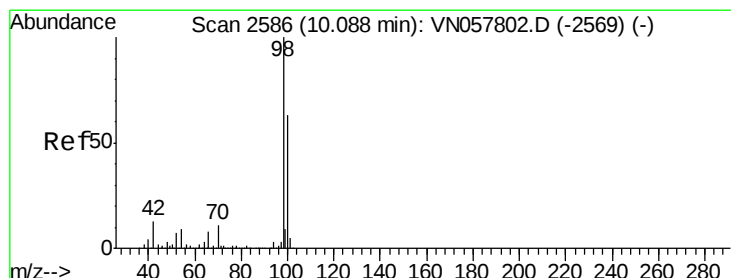
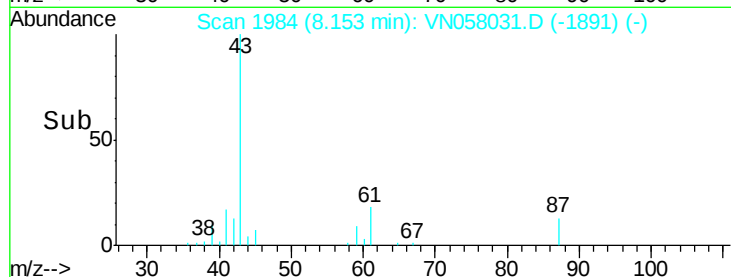
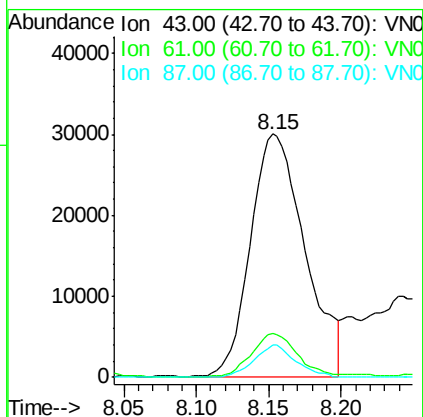
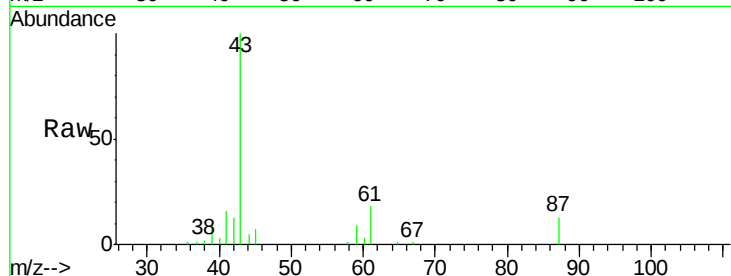
MSVOA_N

ClientSampleId :

T3-4-(1.5)

Tot Ion: 43 Resp: 78813

Ion	Ratio	Lower	Upper
43	100		
61	16.2	20.1	30.1#
87	10.1	9.5	14.3



#50

Toluene-d8

Concen: 45.221 ug/l

RT: 10.09 min Scan# 2586

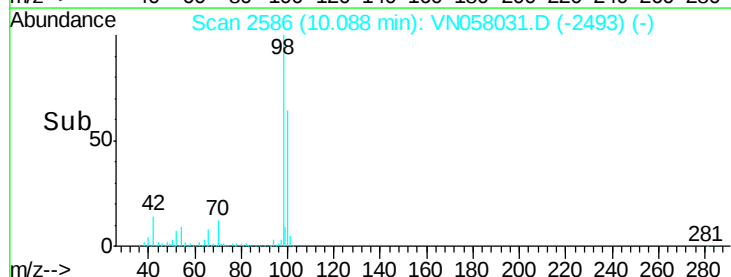
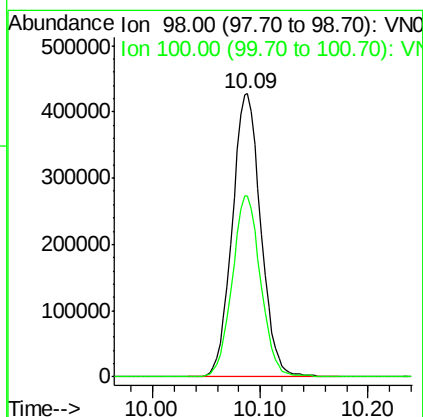
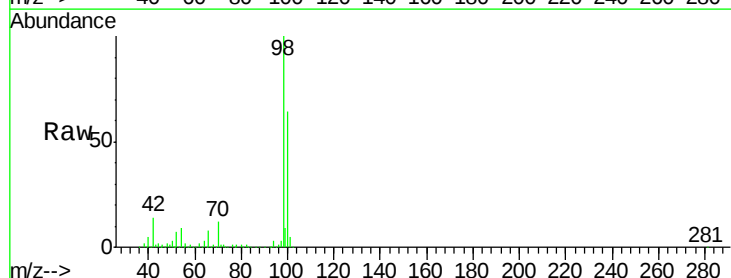
Delta R.T. 0.00 min

Lab File: VN058031.D

Acq: 13 Sep 2019 20:51

Tgt Ion: 98 Resp: 792110

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 40.539 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058031.D

Acq: 13 Sep 2019 20:51

Instrument :

MSVOA_N

ClientSampleId :

T3-4-(1.5)

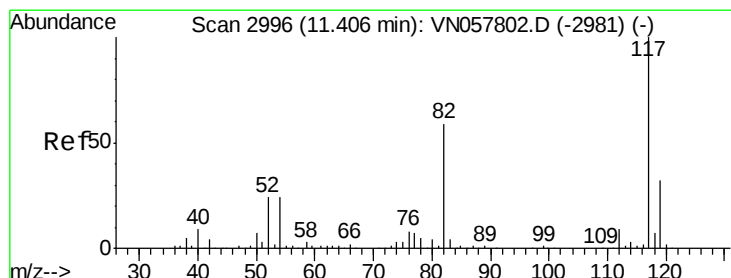
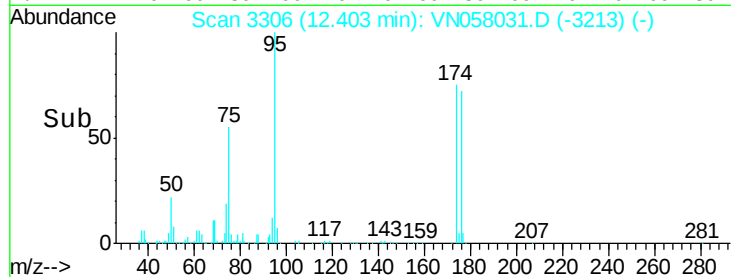
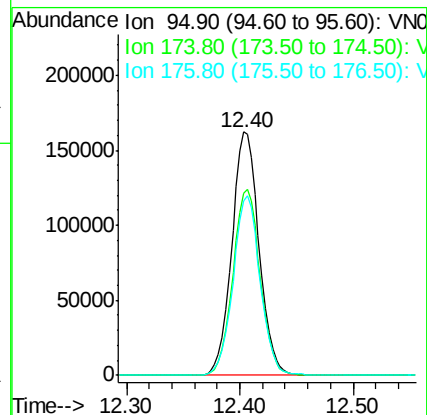
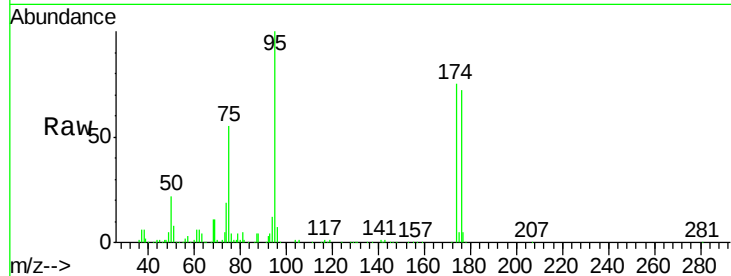
Tot Ion: 95 Resp: 270609

Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.2

176 73.4 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: VN058031.D

Acq: 13 Sep 2019 20:51

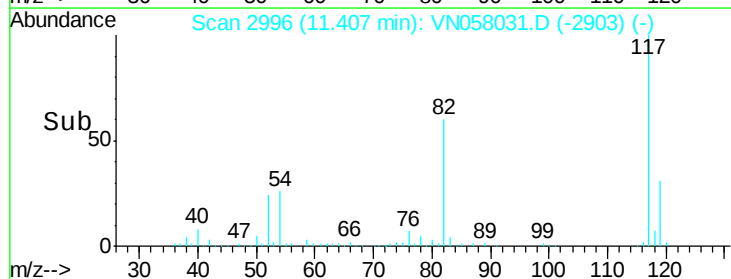
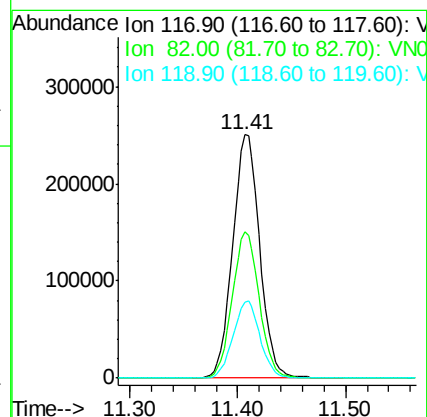
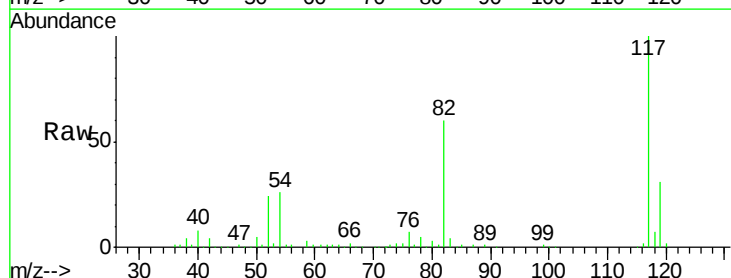
Tgt Ion: 117 Resp: 438288

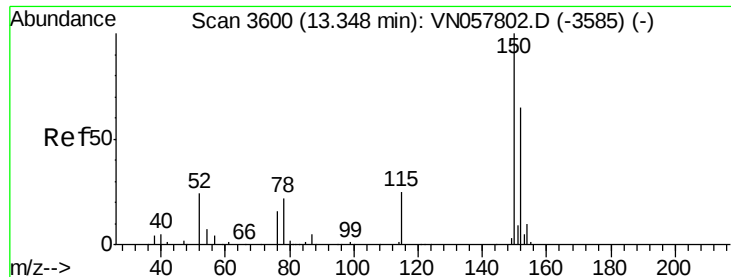
Ion Ratio Lower Upper

117 100

82 59.9 47.2 70.8

119 31.1 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: VN058031.D

Acq: 13 Sep 2019 20:51

Instrument :

MSVOA_N

ClientSampleId :

T3-4-(1.5)

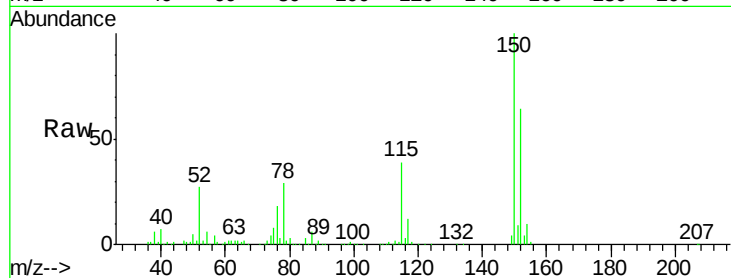
Tot Ion:152 Resp: 218322

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

150 157.4 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

