

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054538.D
 Acq On : 22 Mar 2019 4:33
 Operator : JC/SP
 Sample : K2010-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 22 10:54:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

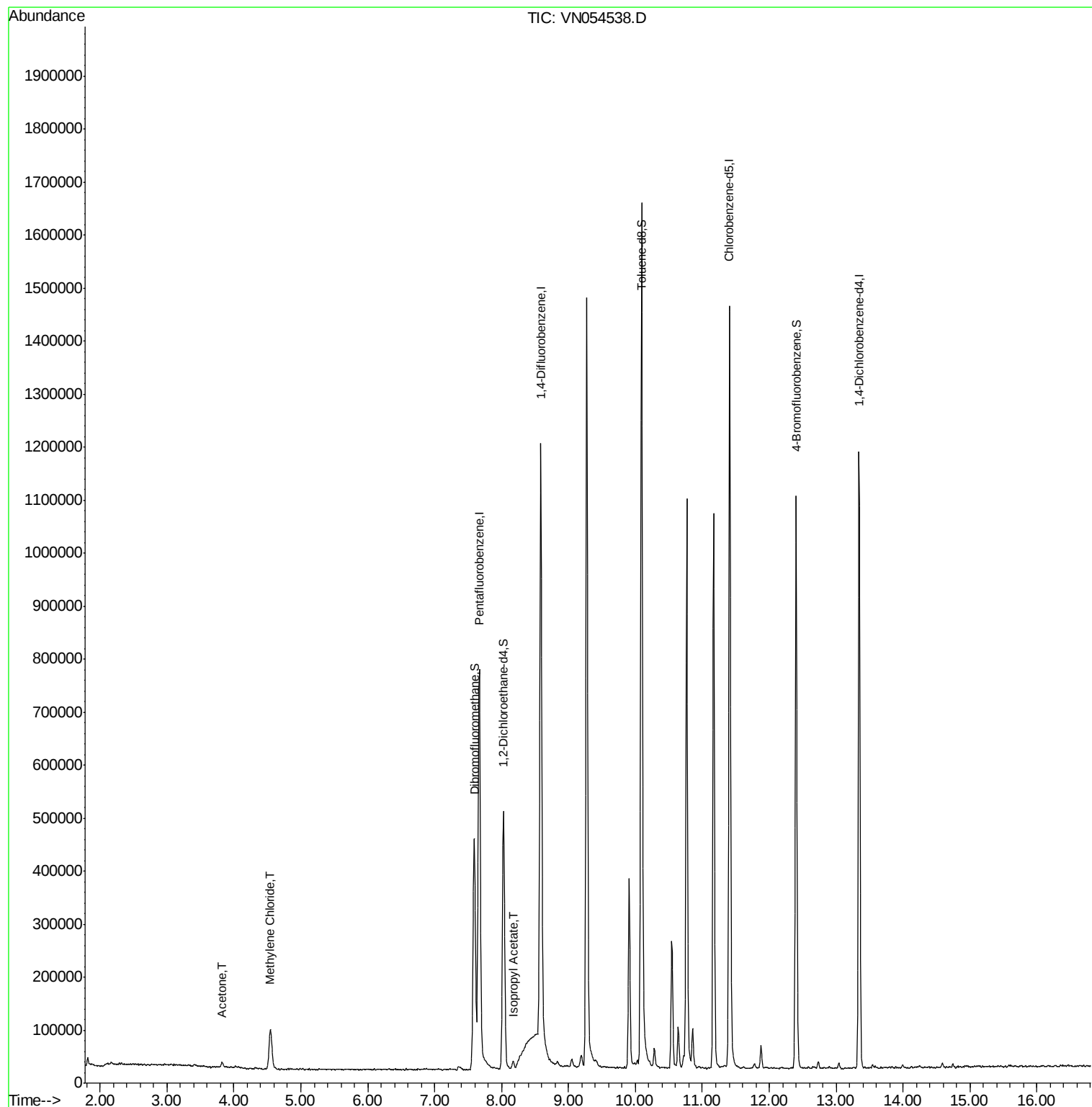
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	664023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420528	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.59	113	326131	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1228442	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	377994	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	3.83	43	15340	6.178	ug/l #	83
20) Methylene Chloride	4.55	84	51323	7.011	ug/l #	82
43) Isopropyl Acetate	8.18	43	16774	1.425	ug/l #	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054538.D

Acq: 22 Mar 2019 4:33

Instrument :

MSVOA_N

ClientSampled :

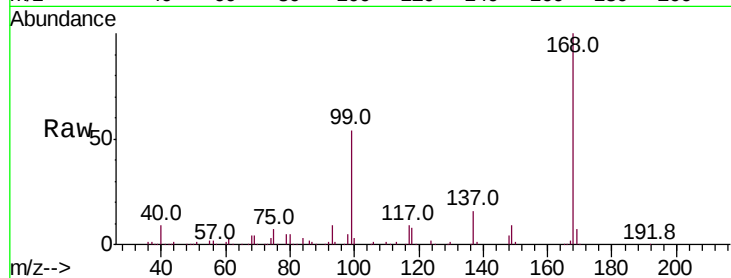
TP-1

Tot Ion:168 Resp: 664023

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

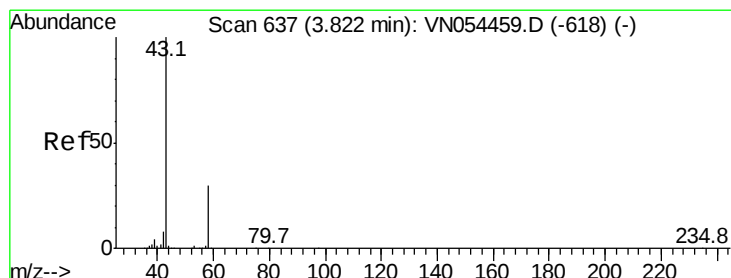
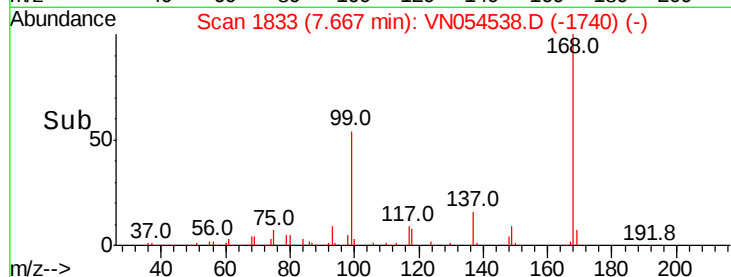
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.178 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054538.D

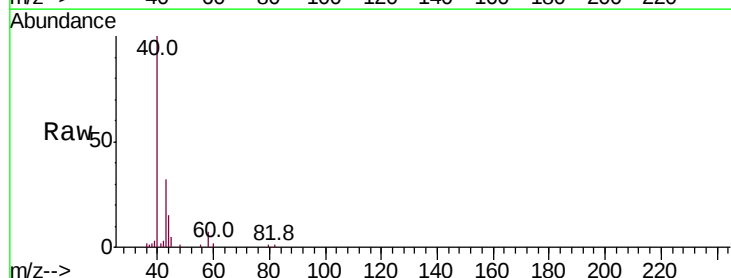
Acq: 22 Mar 2019 4:33

Tgt Ion: 43 Resp: 15340

Ion Ratio Lower Upper

43 100

58 27.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

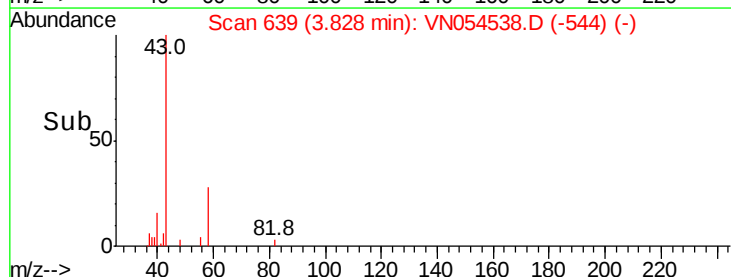
6000

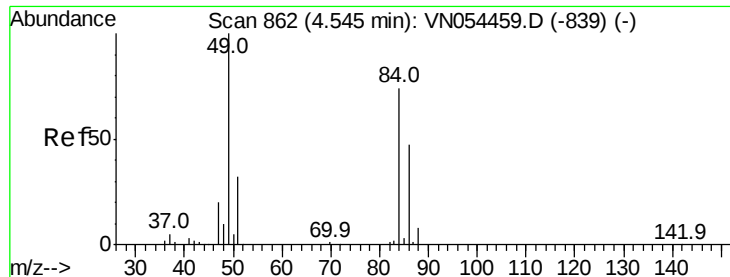
4000

2000

0

Time-->

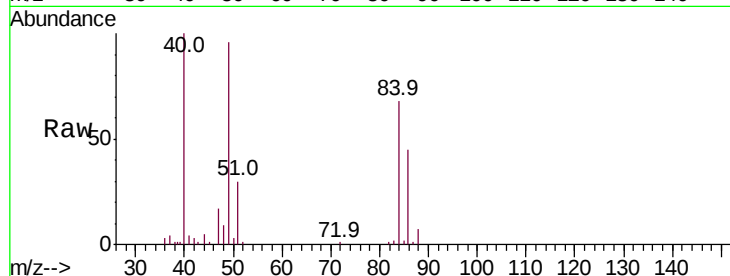




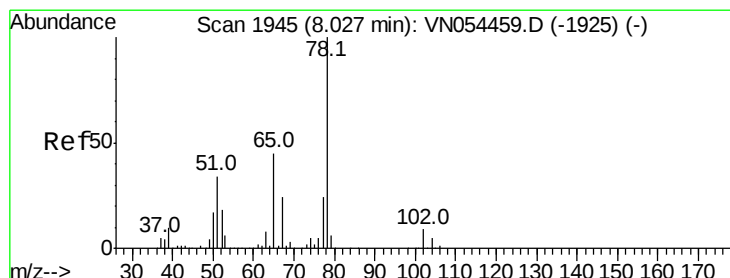
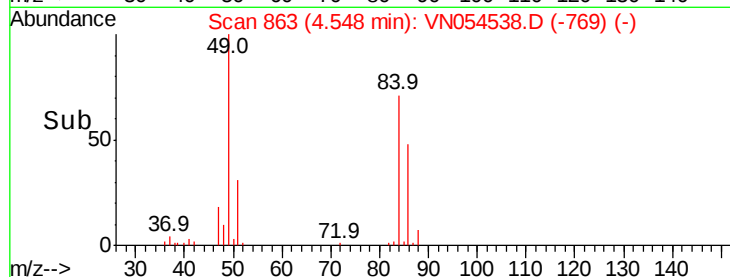
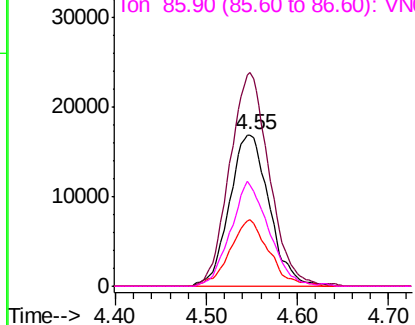
#20
Methylene Chloride
Concen: 7.011 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054538.D
Acq: 22 Mar 2019 4:33

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion: 84 Resp: 51323
Ion Ratio Lower Upper
84 100
49 141.0 89.7 134.5#
51 43.8 28.2 42.4#
86 67.0 50.8 76.2

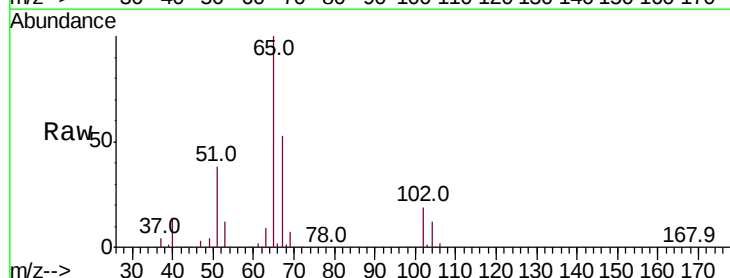


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

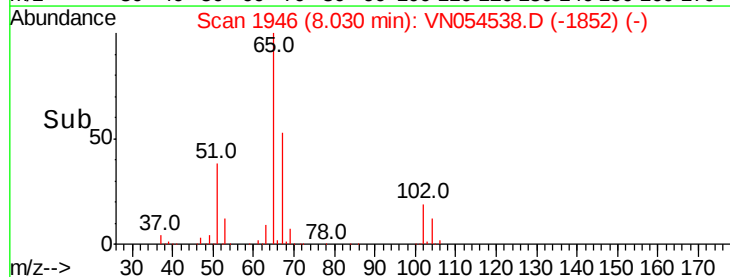
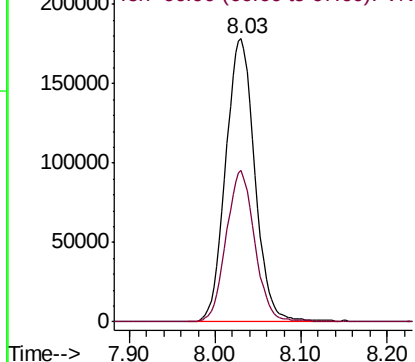


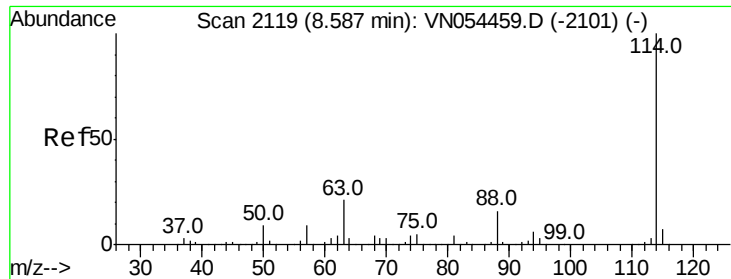
#33
1,2-Dichloroethane-d4
Concen: 50.915 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054538.D
Acq: 22 Mar 2019 4:33

Tgt Ion: 65 Resp: 420528
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO



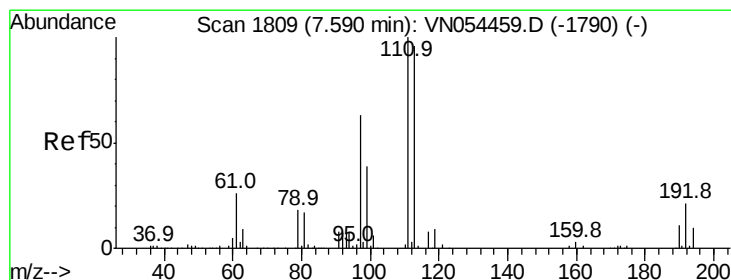
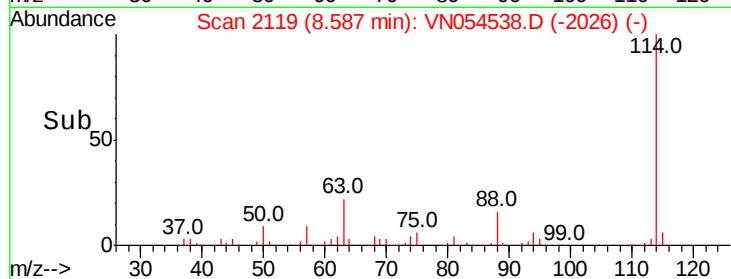
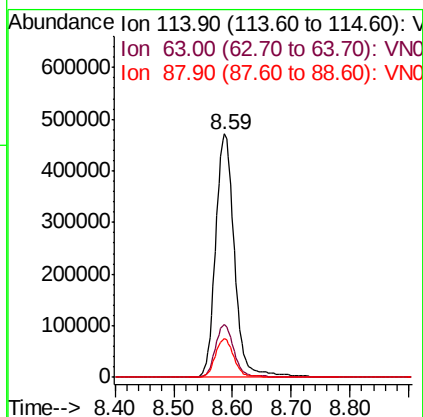
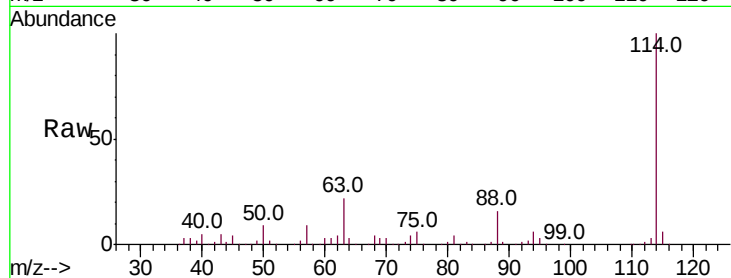


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054538.D
 Acq: 22 Mar 2019 4:33

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 1048059

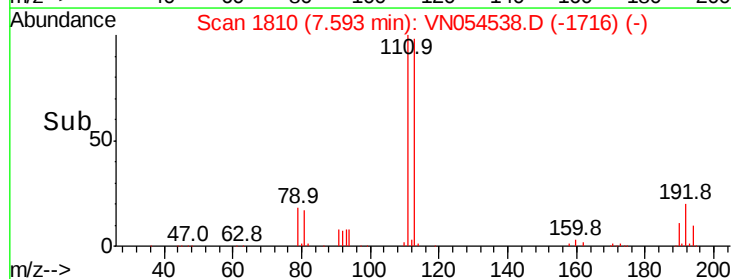
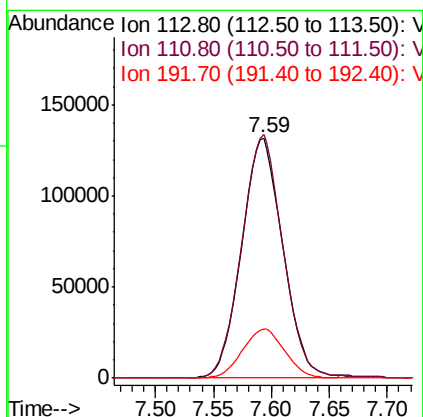
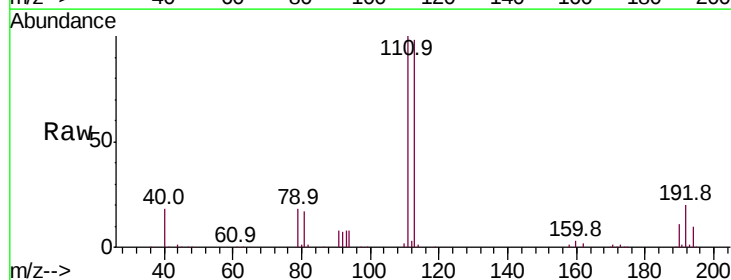
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.2
88	16.0	0.0	30.2

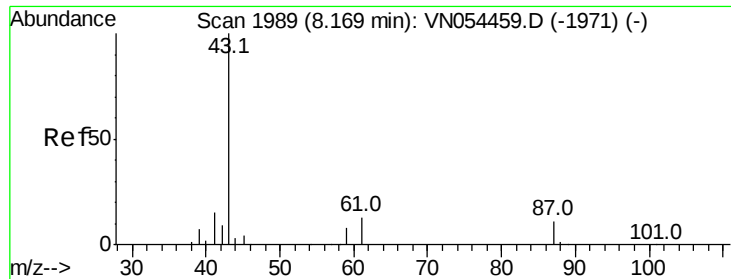


#35
 Dibromofluoromethane
 Concen: 48.301 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054538.D
 Acq: 22 Mar 2019 4:33

Tgt Ion:113 Resp: 326131

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	21.1	19.2	28.8





#43

Isopropyl Acetate

Concen: 1.425 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054538.D

Acq: 22 Mar 2019 4:33

Instrument :

MSVOA_N

ClientSampled :

TP-1

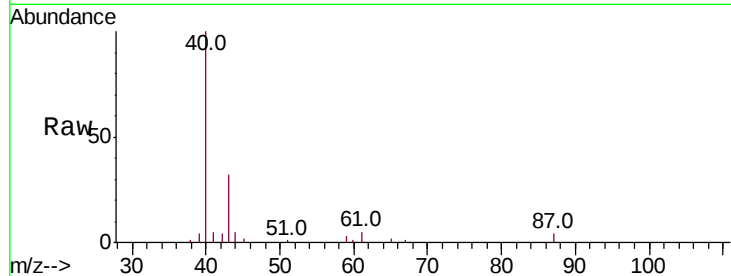
Tot Ion: 43 Resp: 16774

Ion Ratio Lower Upper

43 100

61 18.5 15.8 23.8

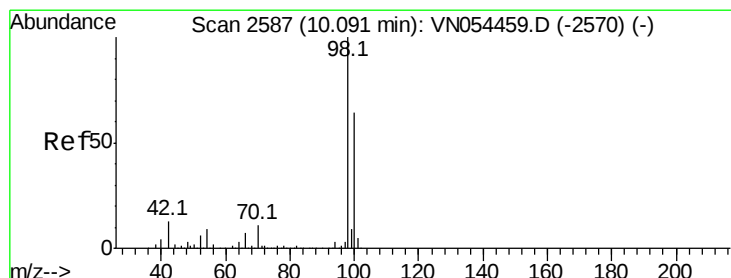
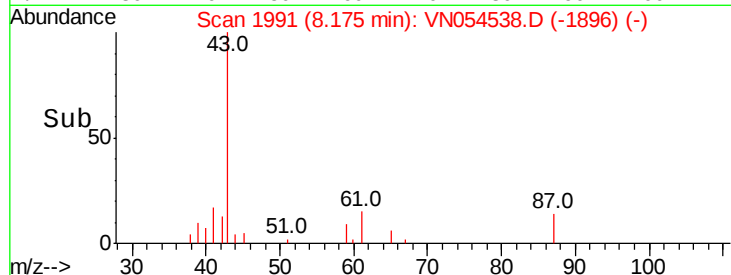
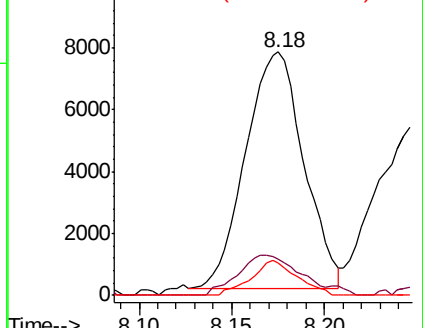
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.395 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054538.D

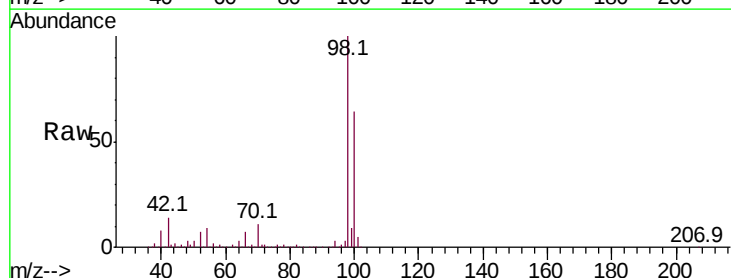
Acq: 22 Mar 2019 4:33

Tgt Ion: 98 Resp: 1228442

Ion Ratio Lower Upper

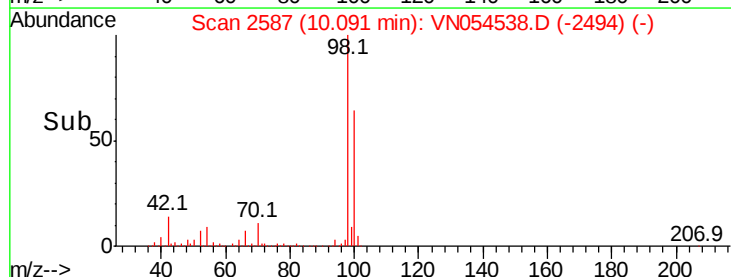
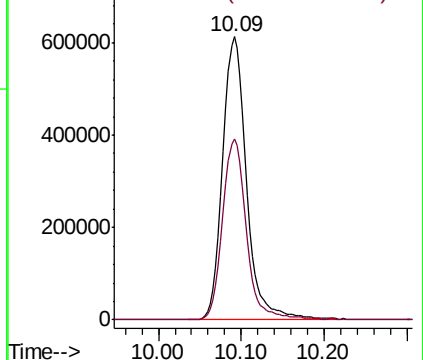
98 100

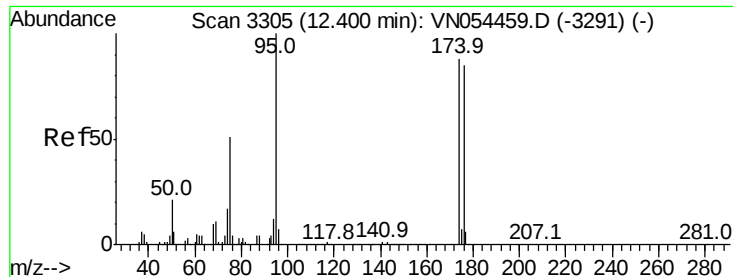
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.761 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054538.D

Acq: 22 Mar 2019 4:33

Instrument :

MSVOA_N

ClientSampled :

TP-1

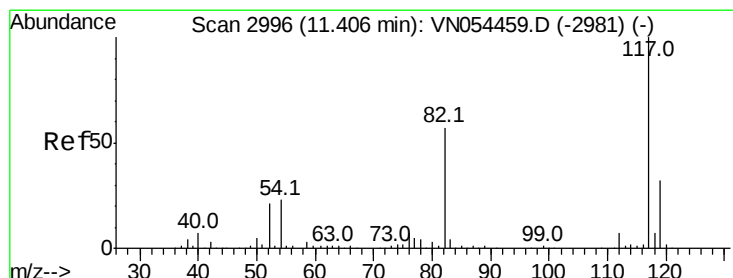
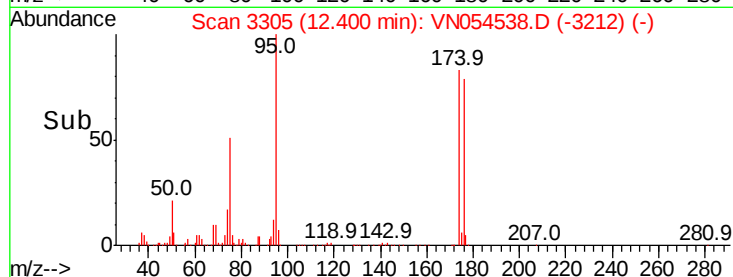
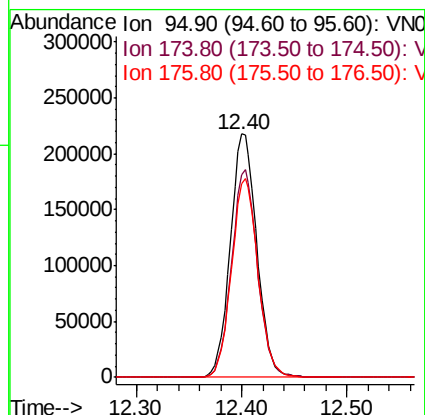
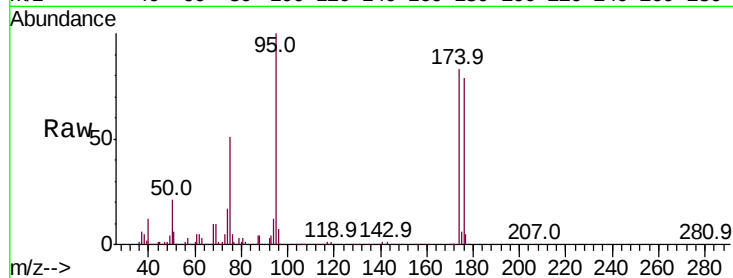
Tot Ion: 95 Resp: 377994

Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

176 81.3 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054538.D

Acq: 22 Mar 2019 4:33

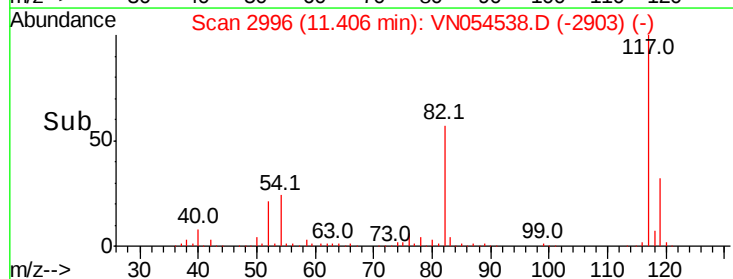
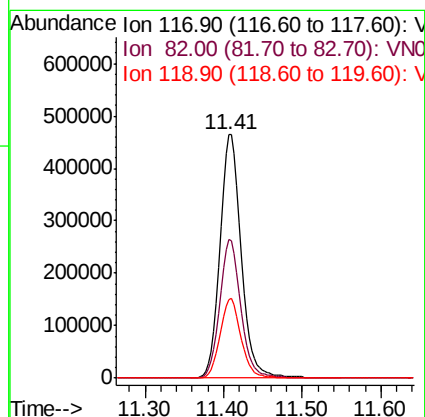
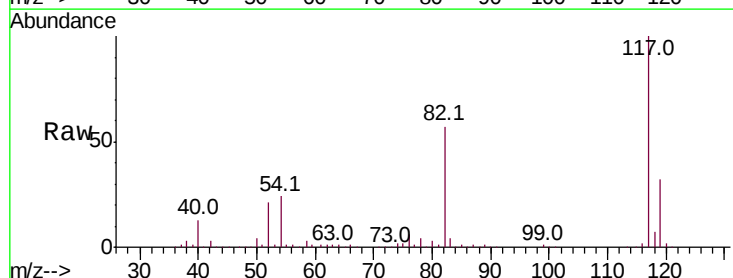
Tgt Ion: 117 Resp: 862033

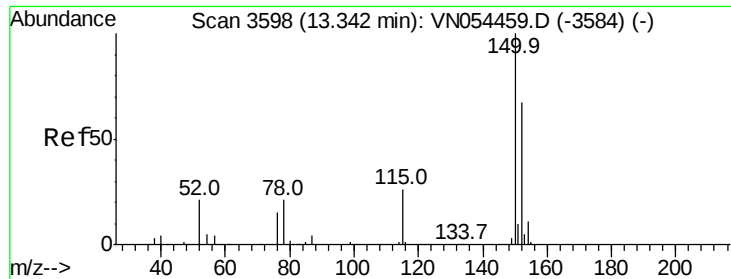
Ion Ratio Lower Upper

117 100

82 57.1 40.0 60.0

119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054538.D

Acq: 22 Mar 2019 4:33

Instrument :

MSVOA_N

ClientSampleId :

TP-1

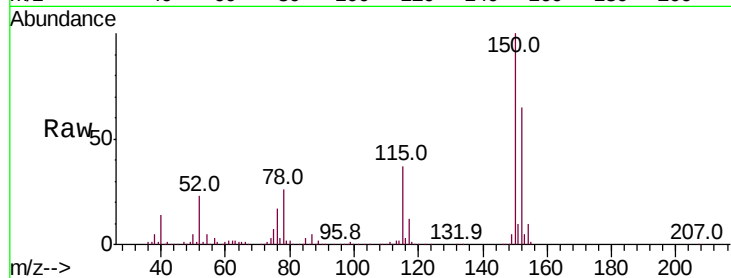
Tot Ion:152 Resp: 311900

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

150 156.0 0.0 349.2



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

