

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060882.D
 Acq On : 7 Apr 2020 17:12
 Operator : JC/MD
 Sample : L2166-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-45-COMP

Quant Time: Apr 08 08:28:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

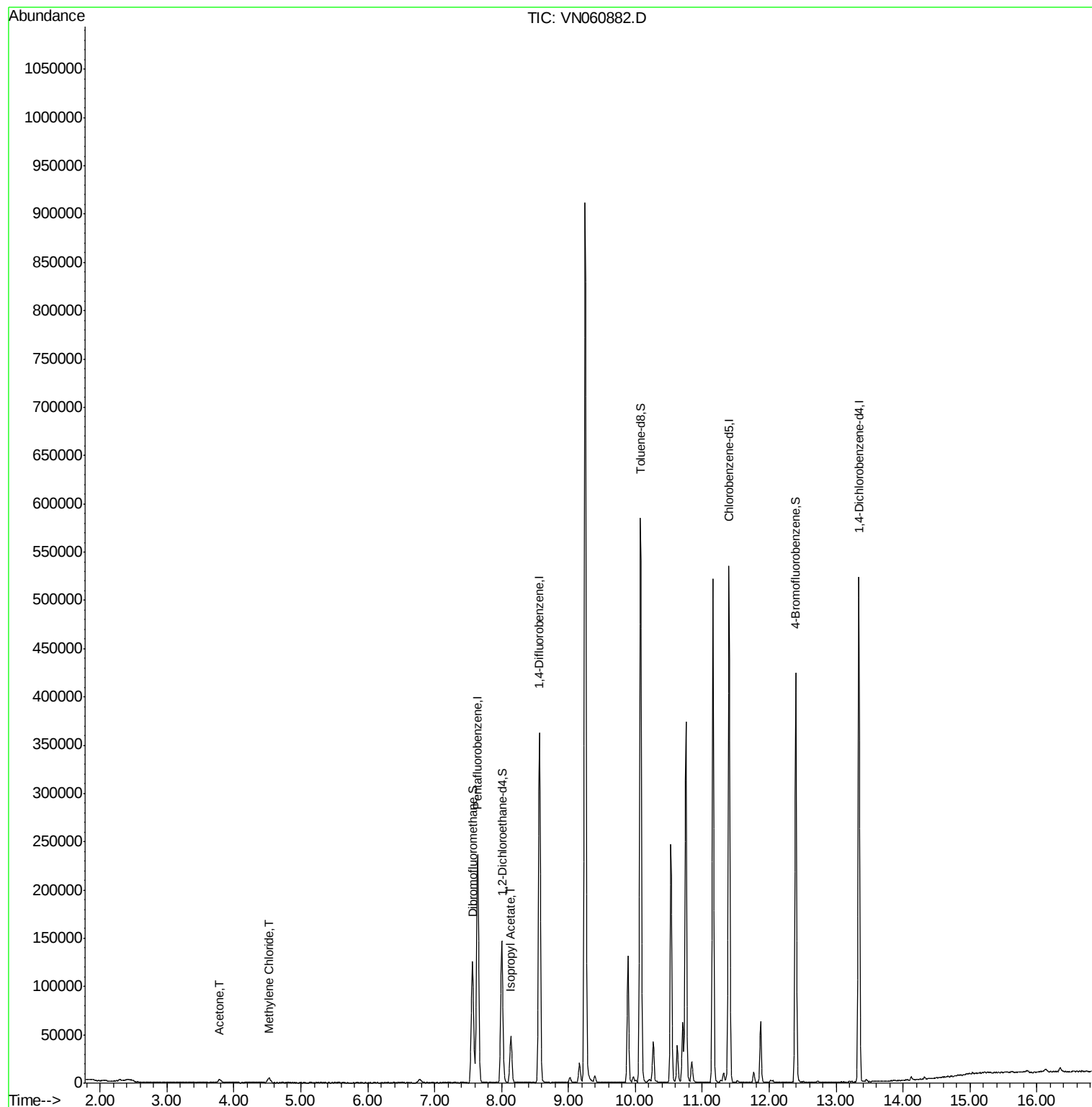
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125605	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
35) Dibromofluoromethane	7.56	113	96653	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	10.08	98	398982	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	148657	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
Target Compounds						
16) Acetone	3.78	43	6878	7.322	ug/l	Qvalue 100
20) Methylene Chloride	4.52	84	3870	1.675	ug/l	95
43) Isopropyl Acetate	8.14	43	56429	10.155	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060882.D

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Instrument :

MSVOA_N

ClientSampleId :

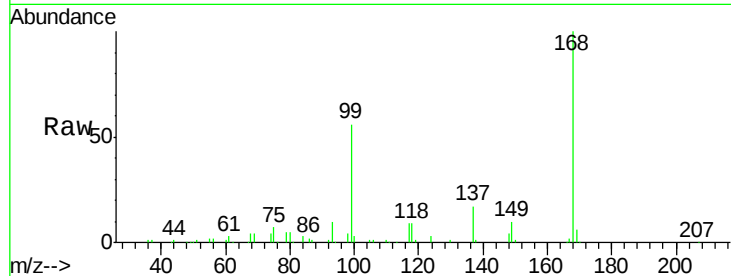
TP-45-COMP

Tot Ion:168 Resp: 193184

Ion Ratio Lower Upper

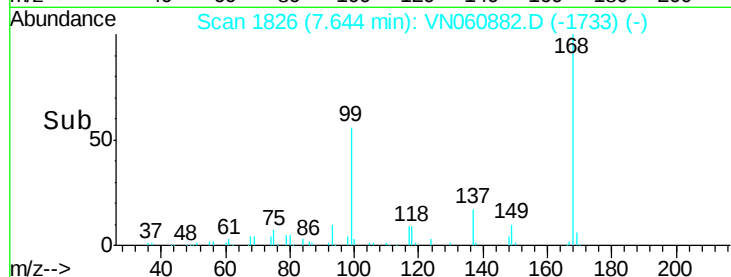
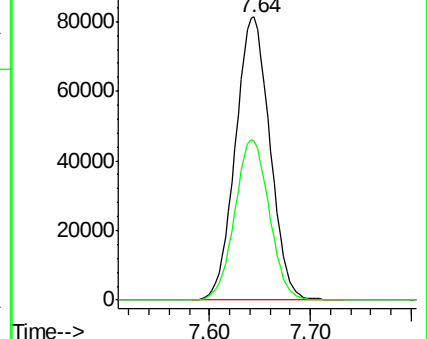
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.322 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060882.D

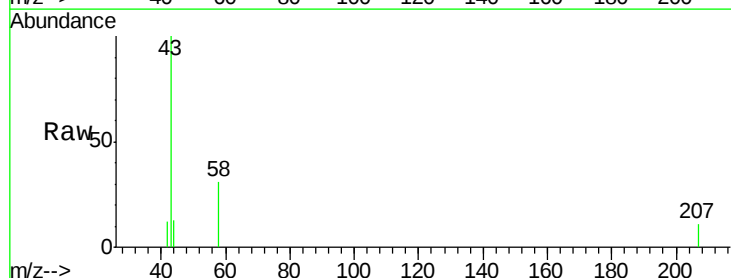
Acq: 7 Apr 2020 17:12

Tgt Ion: 43 Resp: 6878

Ion Ratio Lower Upper

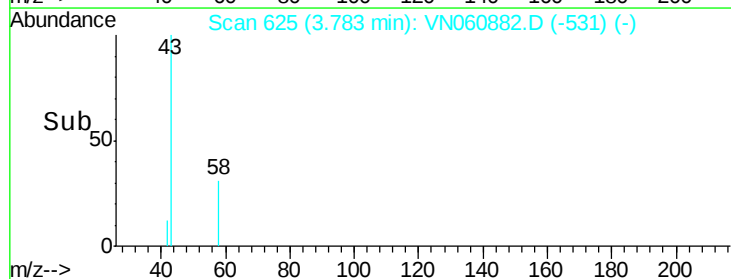
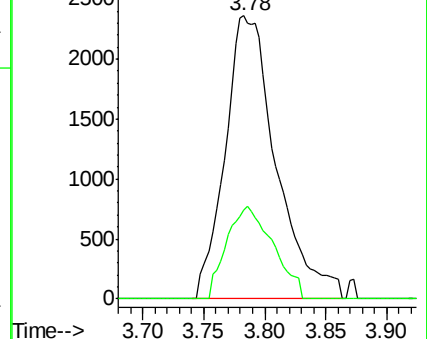
43 100

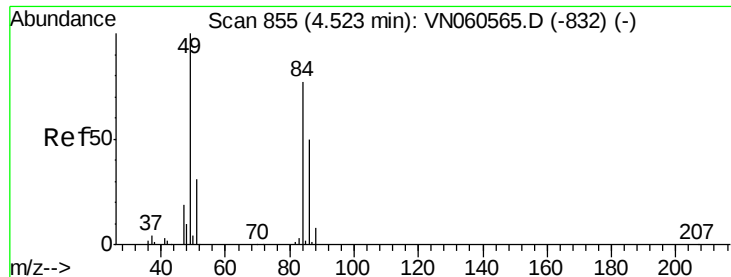
58 31.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

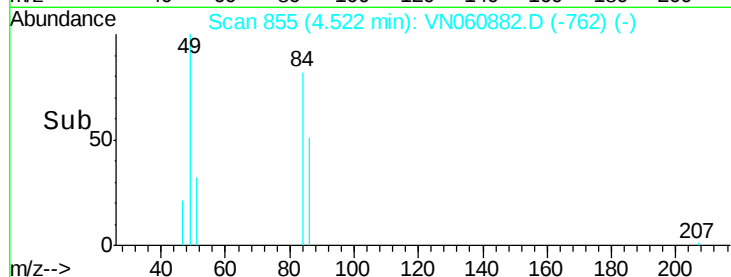
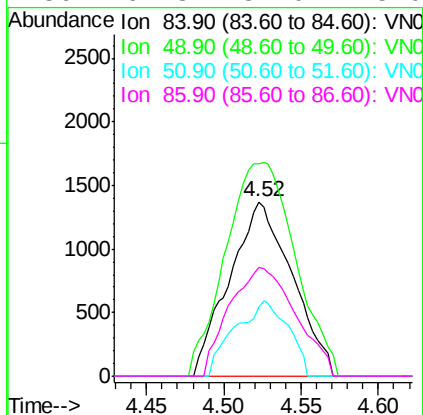
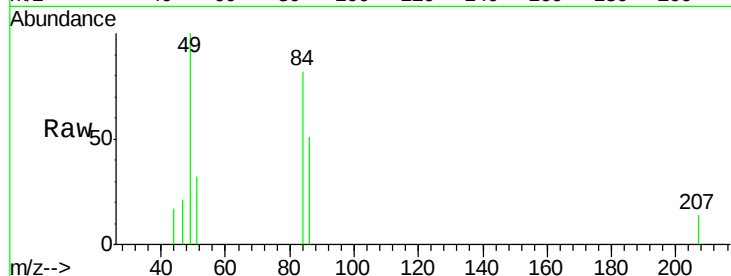




#20
Methvlene Chloride
Concen: 1.675 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060882.D
Acq: 7 Apr 2020 17:12

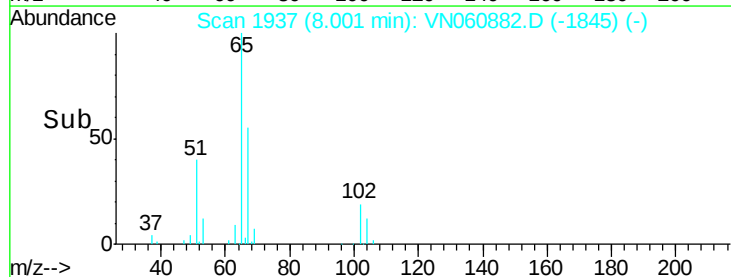
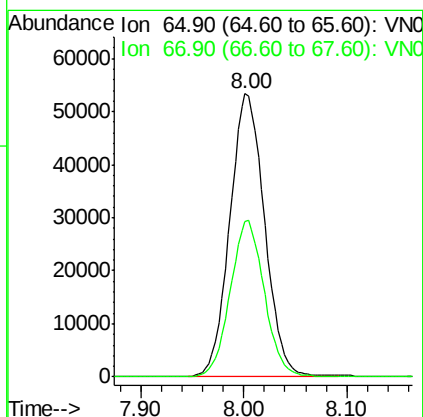
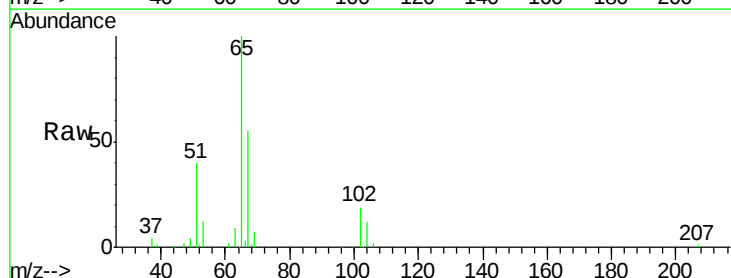
Instrument :
MSVOA_N
ClientSampled :
TP-45-COMP

Tot Ion: 84 Resp: 3870
Ion Ratio Lower Upper
84 100
49 121.6 103.3 154.9
51 39.3 31.6 47.4
86 62.3 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.363 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060882.D
Acq: 7 Apr 2020 17:12

Tgt Ion: 65 Resp: 125605
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.6

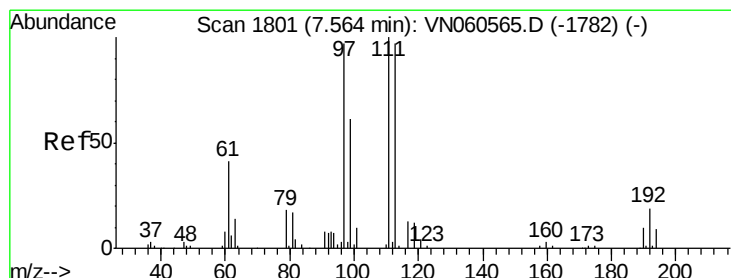
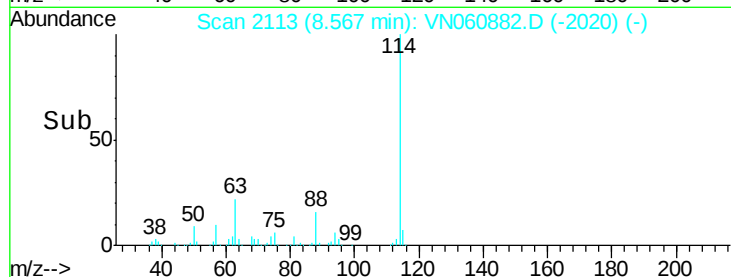
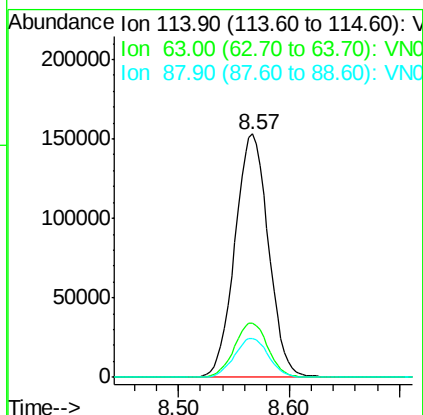
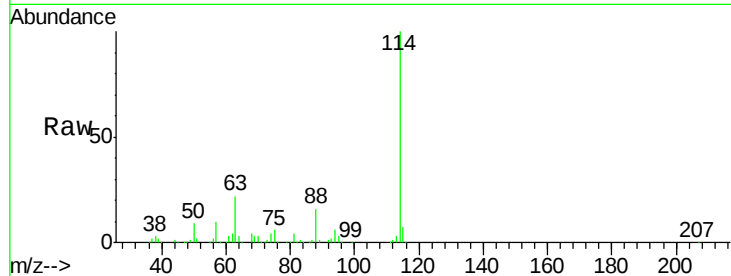




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060882.D
 Acq: 7 Apr 2020 17:12

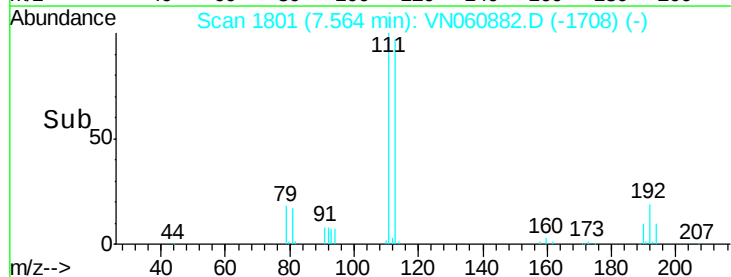
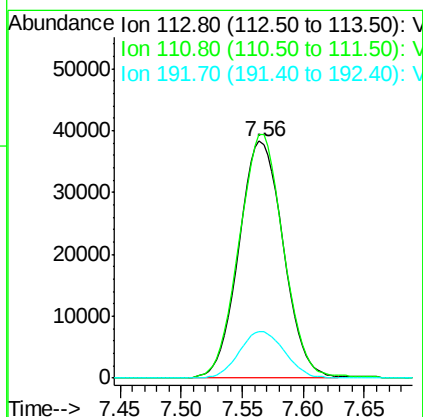
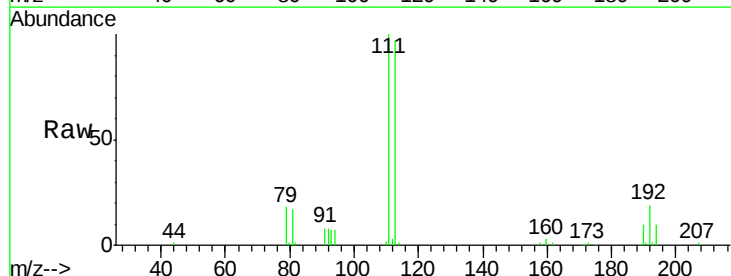
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-45-COMP

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.638 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060882.D
 Acq: 7 Apr 2020 17:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.2	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.155 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060882.D

Acq: 7 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

TP-45-COMP

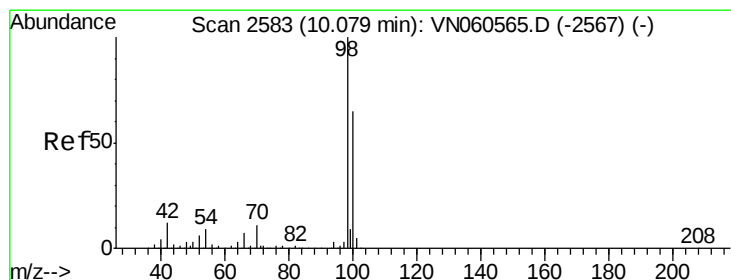
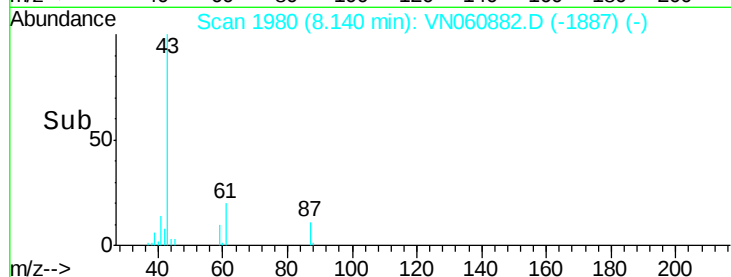
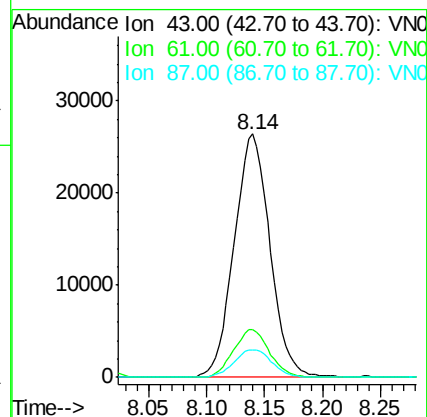
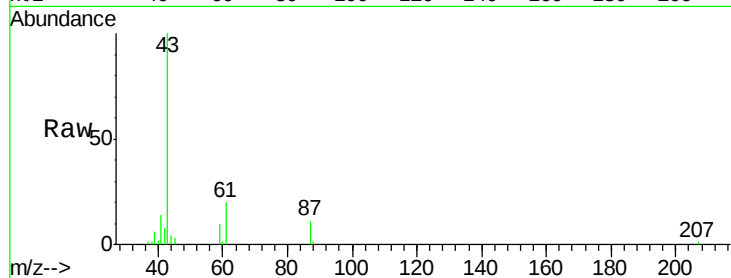
Tot Ion: 43 Resp: 56429

Ion Ratio Lower Upper

43 100

61 19.6 20.7 31.1#

87 11.8 9.8 14.8



#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060882.D

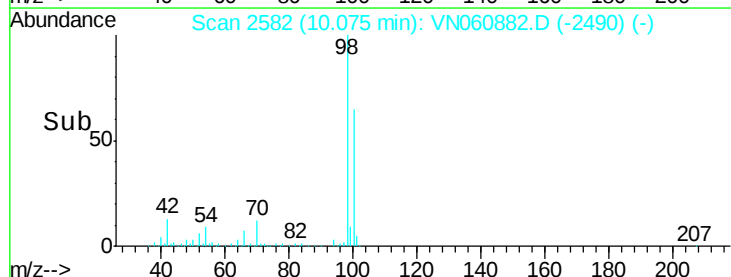
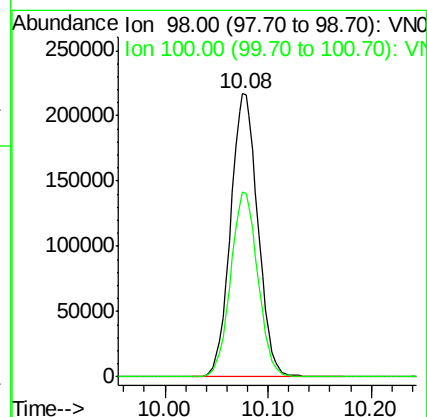
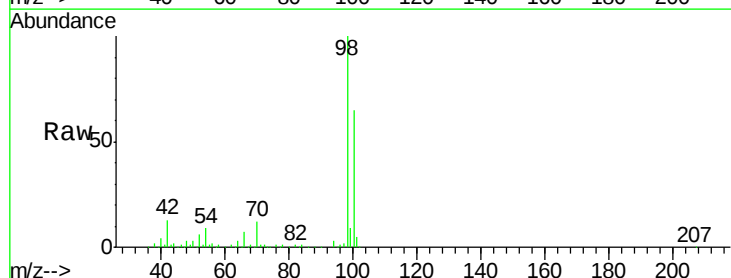
Acq: 7 Apr 2020 17:12

Tgt Ion: 98 Resp: 398982

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.001 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060882.D

Acq: 7 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

TP-45-COMP

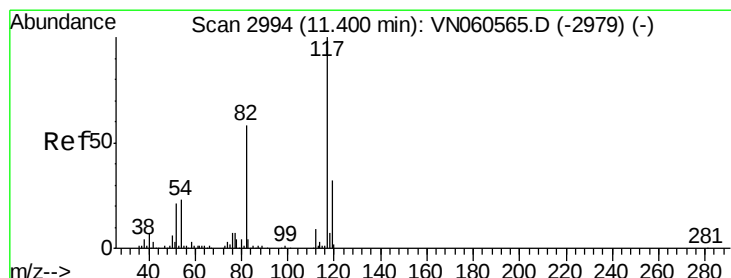
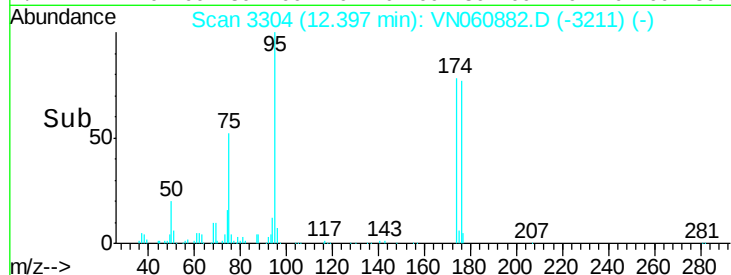
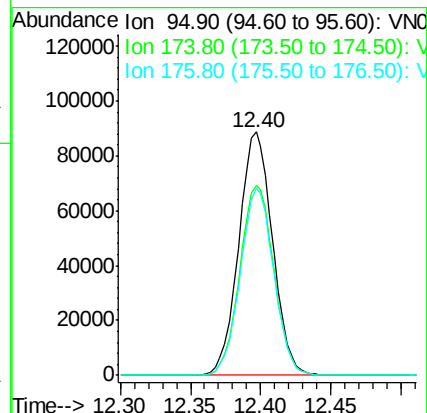
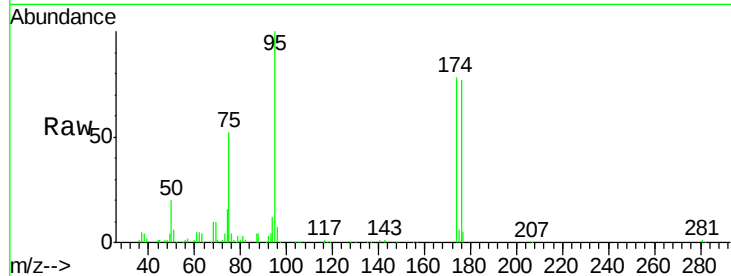
Tot Ion: 95 Resp: 148657

Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.6

176 76.3 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060882.D

Acq: 7 Apr 2020 17:12

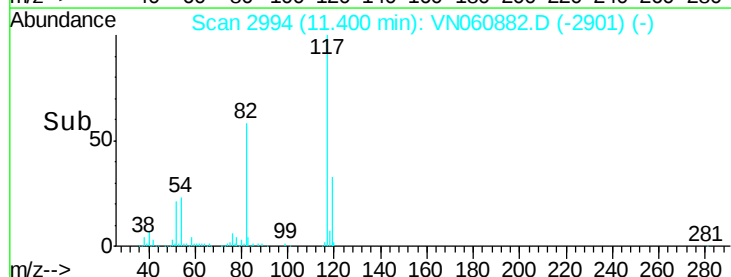
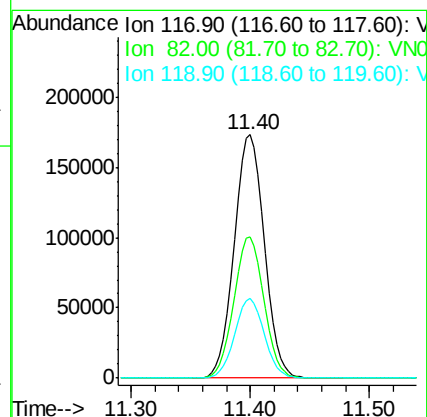
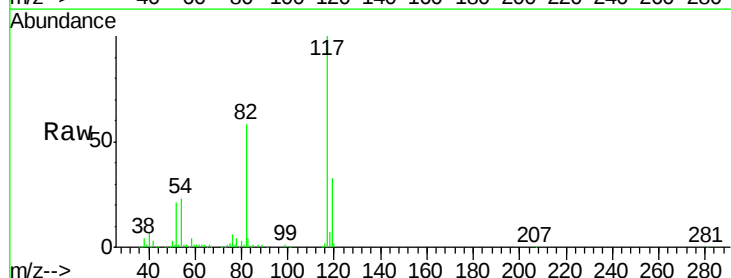
Tgt Ion: 117 Resp: 304207

Ion Ratio Lower Upper

117 100

82 58.2 46.7 70.1

119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060882.D

Acq: 7 Apr 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

TP-45-COMP

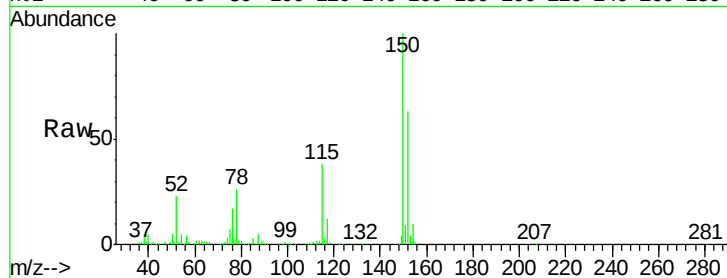
Tot Ion:152 Resp: 138243

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 157.2 0.0 350.2



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

