

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060864.D
 Acq On : 6 Apr 2020 20:06
 Operator : JC/MD
 Sample : L2162-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-54-53-COMP

Quant Time: Apr 07 08:55:25 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

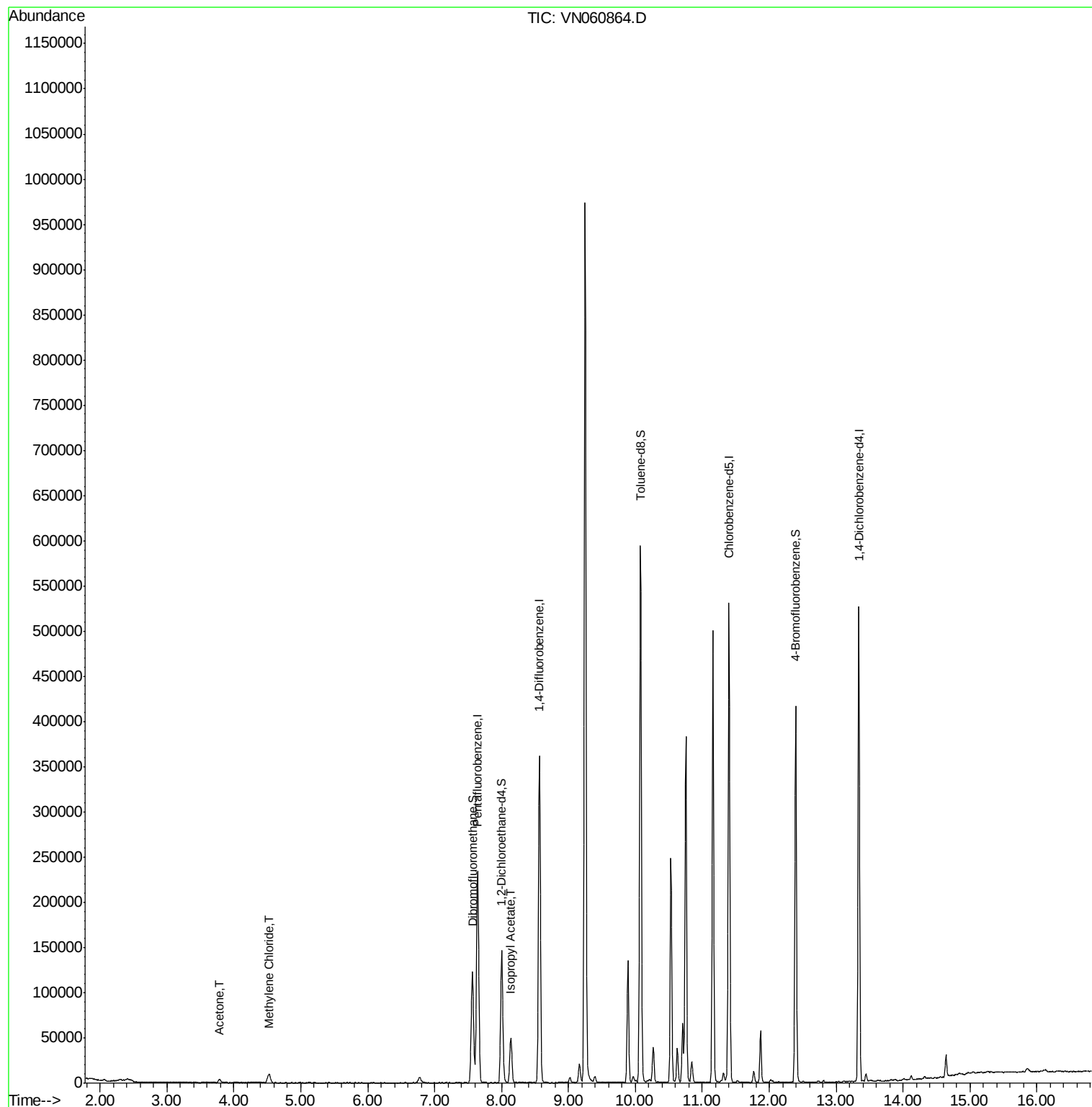
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124340	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
35) Dibromofluoromethane	7.56	113	95752	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.08	98	402282	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	148152	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
Target Compounds						
16) Acetone	3.78	43	6848	7.249	ug/l	100
20) Methylene Chloride	4.53	84	7890	3.395	ug/l	98
43) Isopropyl Acetate	8.14	43	61155	11.015	ug/l #	92

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060864.D

Acq: 6 Apr 2020 20:06

Instrument :

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ClientSampleId :

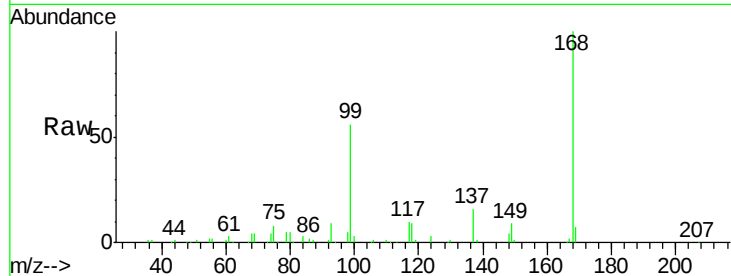
TP-54-53-COMP

Tot Ion:168 Resp: 194270

Ion Ratio Lower Upper

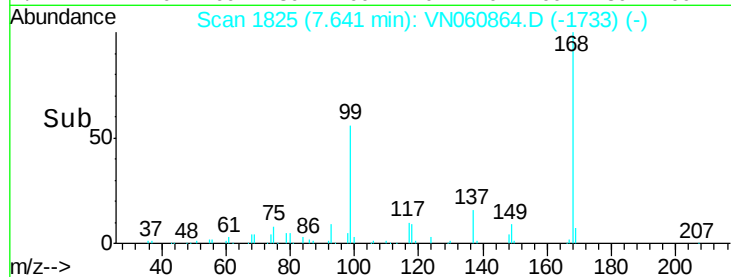
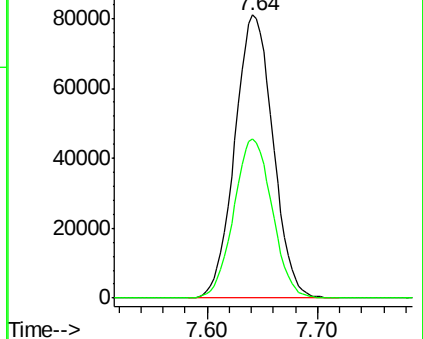
168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.249 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060864.D

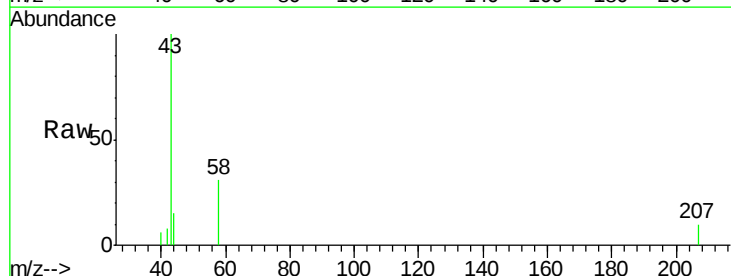
Acq: 6 Apr 2020 20:06

Tgt Ion: 43 Resp: 6848

Ion Ratio Lower Upper

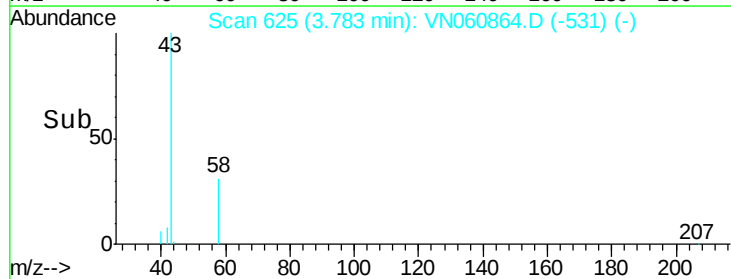
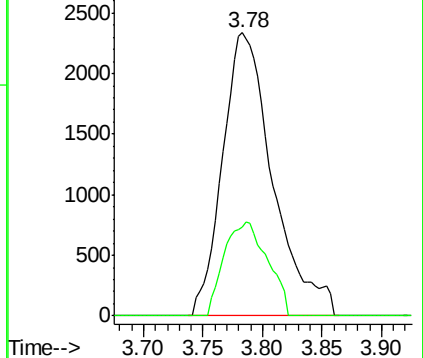
43 100

58 31.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

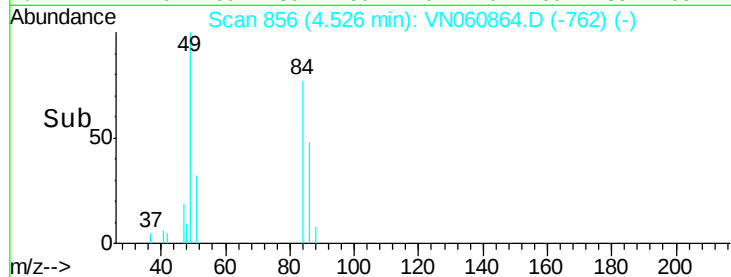
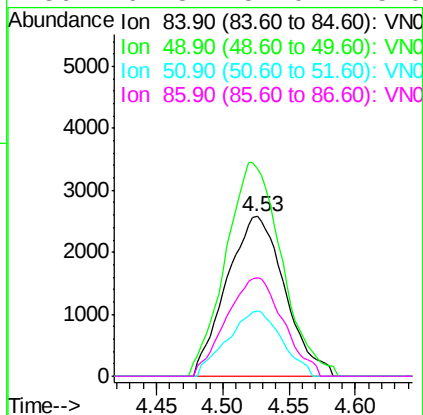
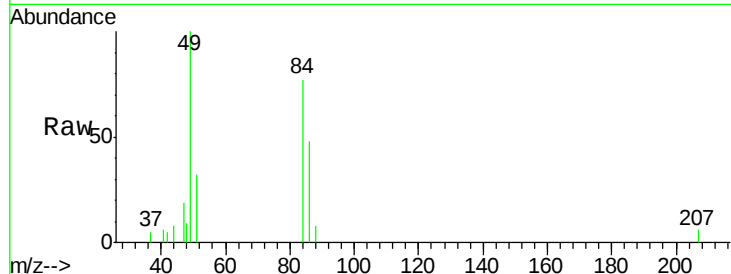




#20
Methylene Chloride
Concen: 3.395 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060864.D
Acq: 6 Apr 2020 20:06

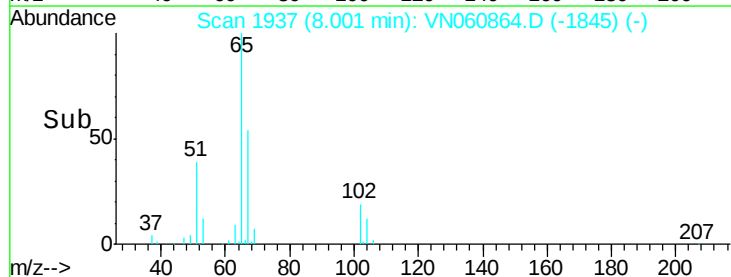
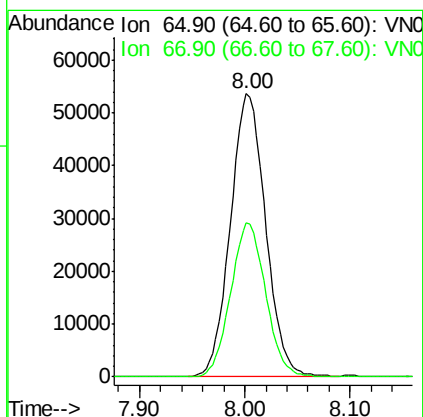
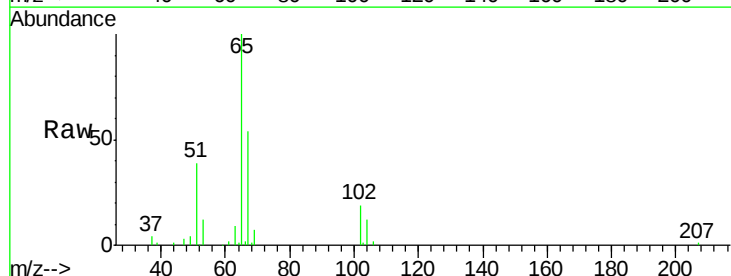
Instrument :
MSVOA_N
ClientSampleId :
TP-54-53-COMP

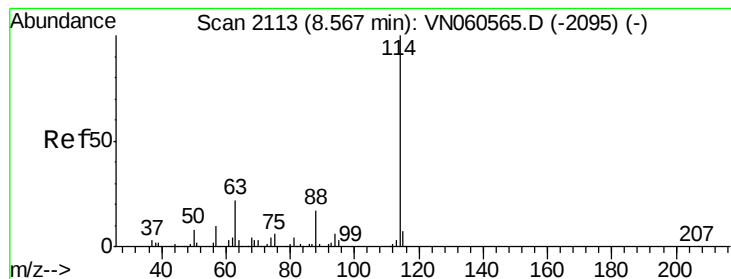
Tot Ion:	84	Resp:	7890
Ion	Ratio	Lower	Upper
84	100		
49	129.6	103.3	154.9
51	41.2	31.6	47.4
86	61.8	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.624 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060864.D
Acq: 6 Apr 2020 20:06

Tgt Ion:	65	Resp:	124340
Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VN060864.D

Acq: 6 Apr 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

TP-54-53-COMP

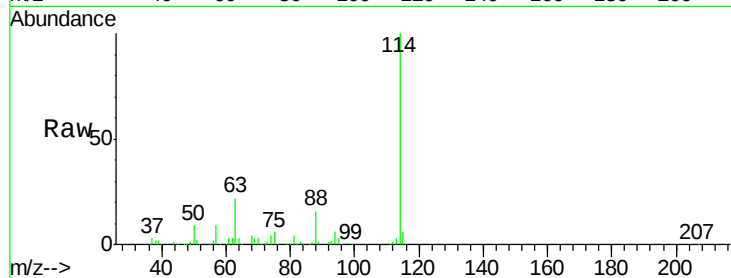
Tot Ion:114 Resp: 321770

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

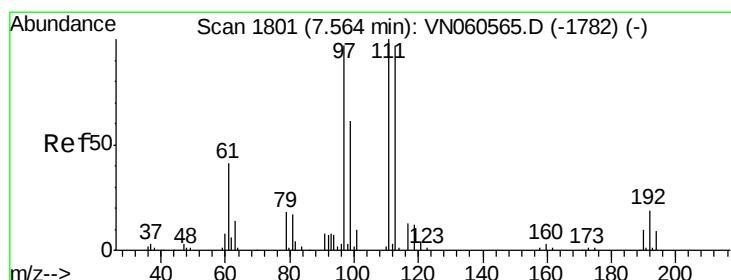
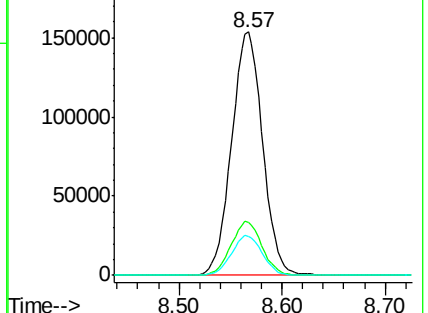
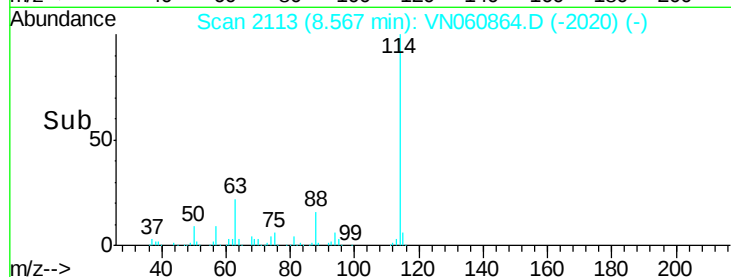
88 16.2 0.0 33.0



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: 49.214 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060864.D

Acq: 6 Apr 2020 20:06

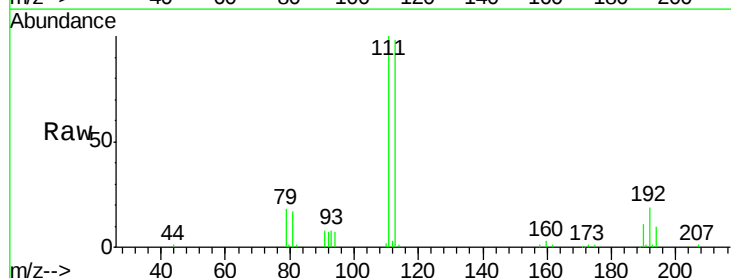
Tgt Ion:113 Resp: 95752

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

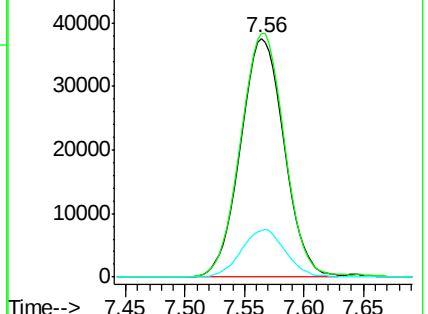
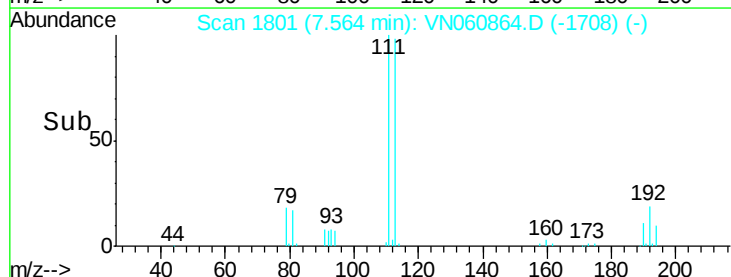
192 19.9 15.8 23.8



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

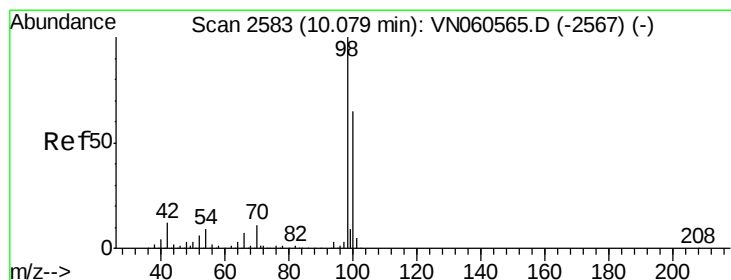
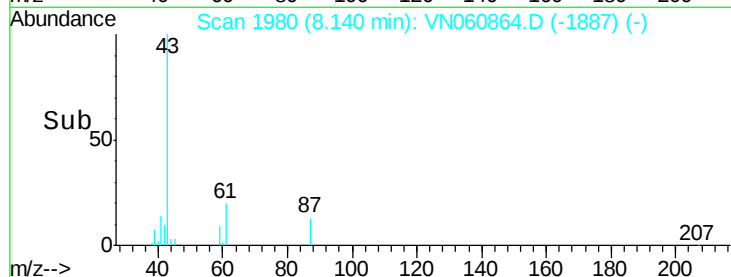
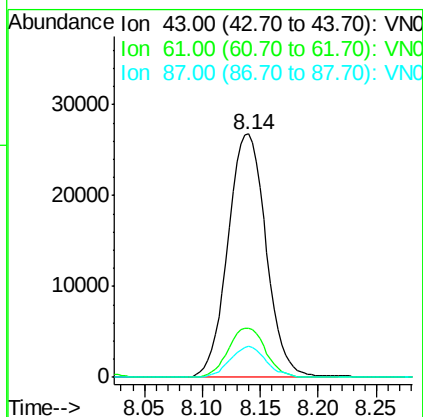
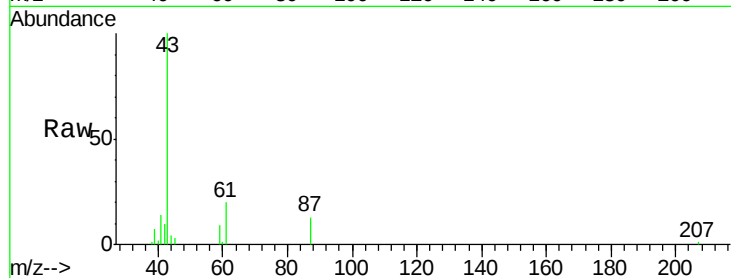




#43
Isopropyl Acetate
Concen: 11.015 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060864.D
Acq: 6 Apr 2020 20:06

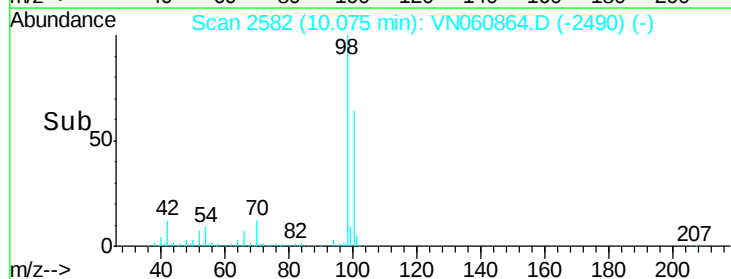
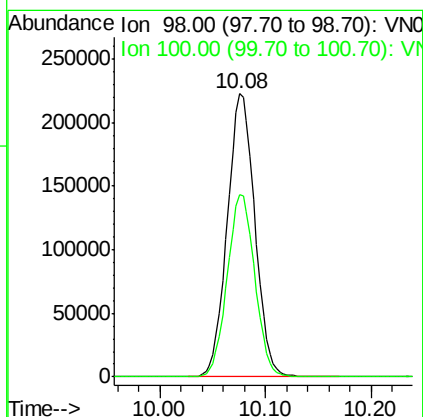
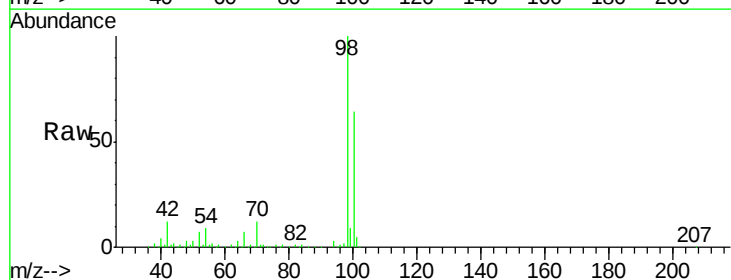
Instrument :
MSVOA_N
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TP-54-53-COMP

Tot Ion: 43 Resp: 61155
Ion Ratio Lower Upper
43 100
61 19.7 20.7 31.1#
87 12.1 9.8 14.8



#50
Toluene-d8
Concen: 50.619 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060864.D
Acq: 6 Apr 2020 20:06

Tgt Ion: 98 Resp: 402282
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.867 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060864.D

Acq: 6 Apr 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

TP-54-53-COMP

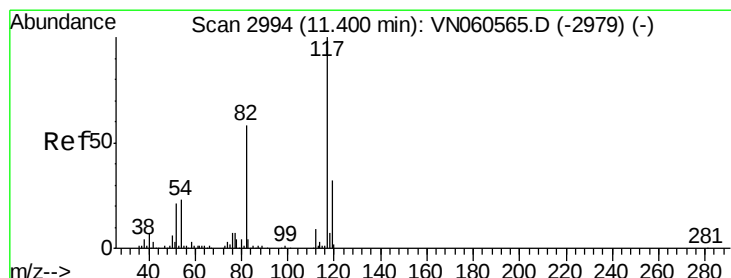
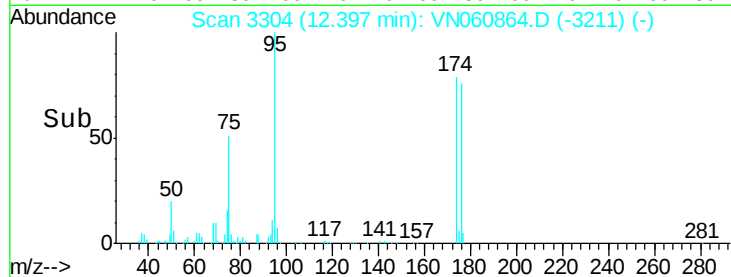
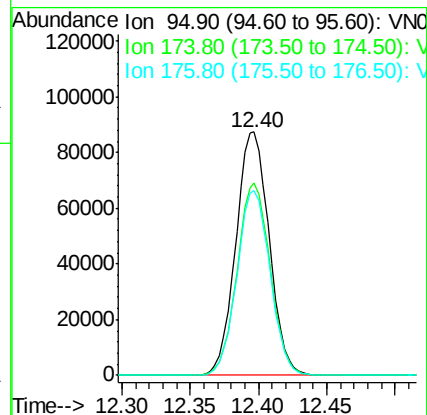
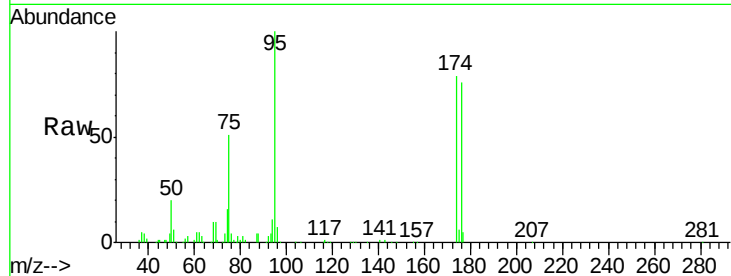
Tot Ion: 95 Resp: 148152

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

176 75.5 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: VN060864.D

Acq: 6 Apr 2020 20:06

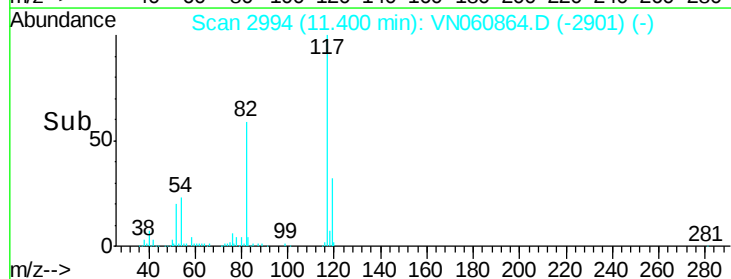
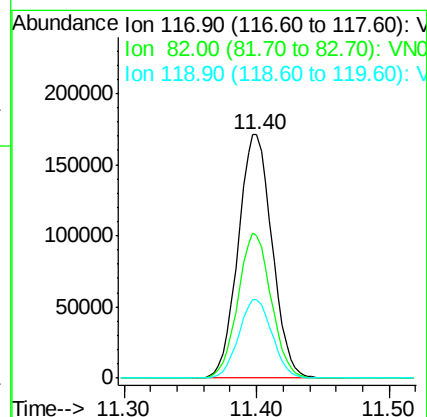
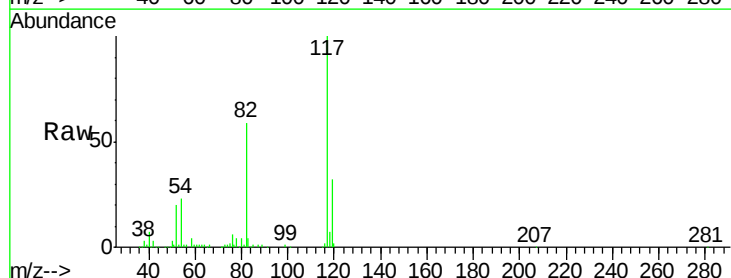
Tgt Ion: 117 Resp: 303212

Ion Ratio Lower Upper

117 100

82 58.8 46.7 70.1

119 32.4 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: VN060864.D

Acq: 6 Apr 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

TP-54-53-COMP

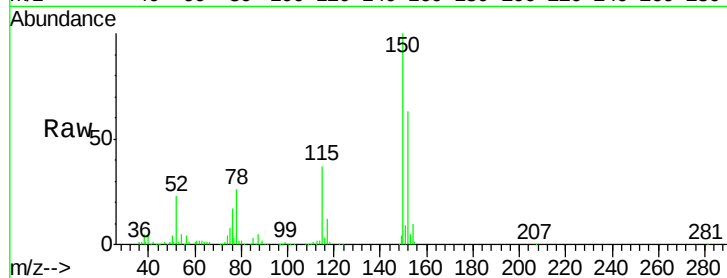
Tot Ion:152 Resp: 137547

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 158.5 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

