

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062394.D
 Acq On : 7 Jul 2020 4:01
 Operator : JC/MD
 Sample : L3204-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WF-COMP

Quant Time: Jul 07 06:18:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

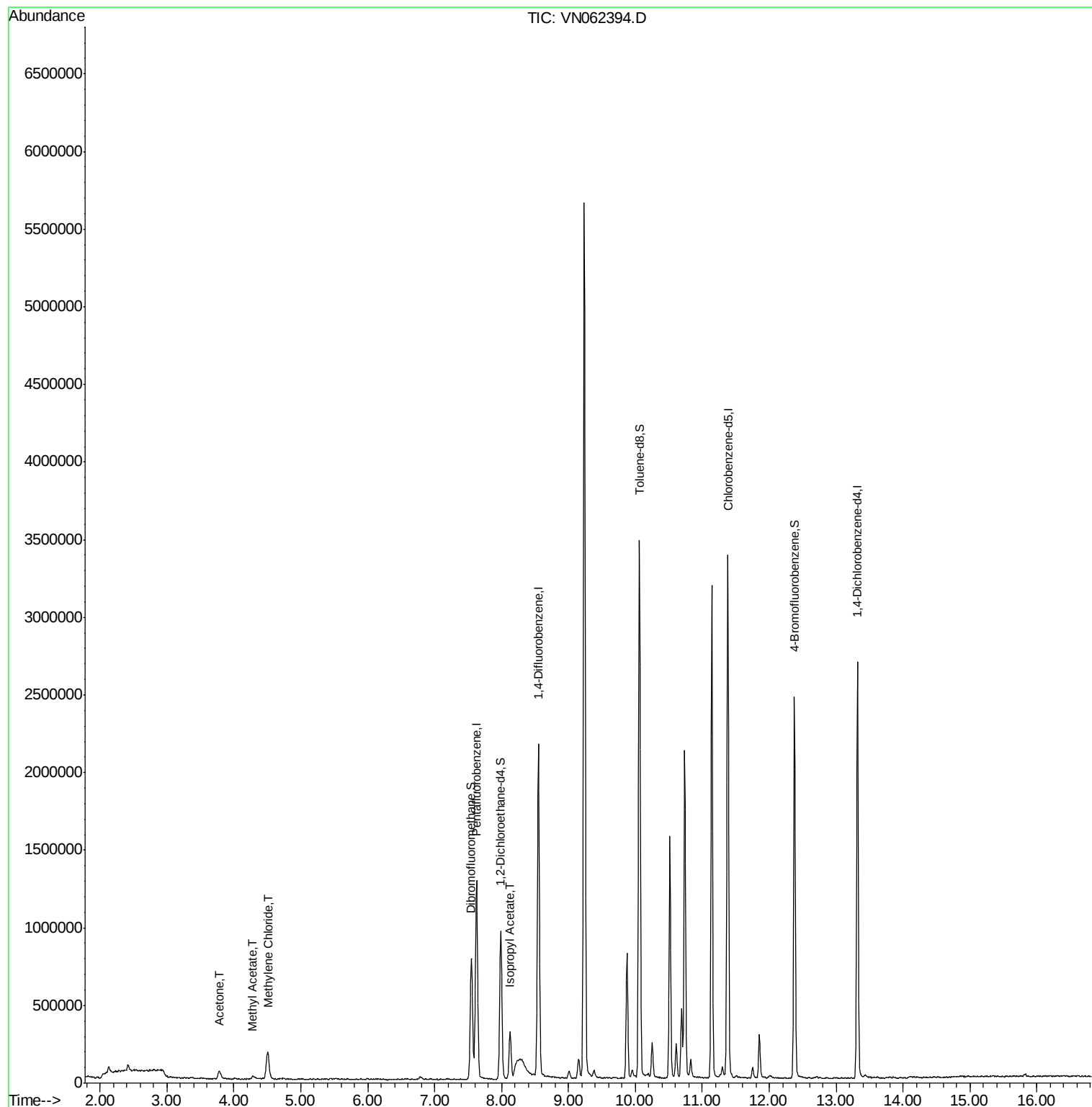
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	933019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1721481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1715724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	638348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	842893	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
35) Dibromofluoromethane	7.55	113	573680	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.06	98	2231509	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	796676	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
16) Acetone	3.78	43	101210	13.008	ug/l	100
18) Methyl Acetate	4.28	43	30282	1.430	ug/l #	90
20) Methylene Chloride	4.51	84	113986	8.796	ug/l	98
43) Isopropyl Acetate	8.13	43	361995	10.092	ug/l	98

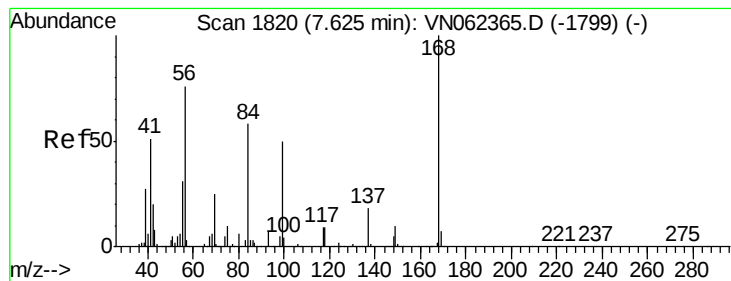
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 07 05:08:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

Instrument :

MSVOA_N

ClientSampleId :

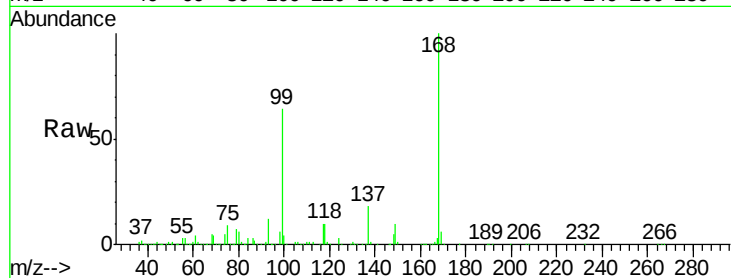
WF-COMP

Tot Ion:168 Resp: 933019

Ion Ratio Lower Upper

168 100

99 63.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

400000

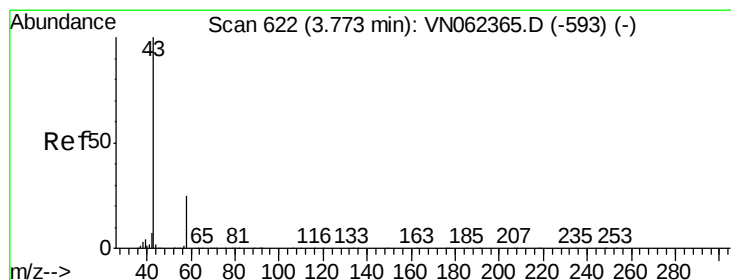
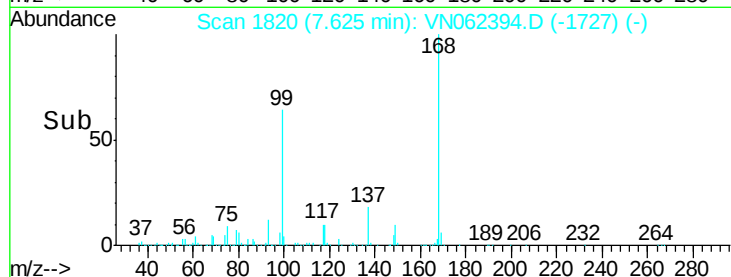
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 13.008 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062394.D

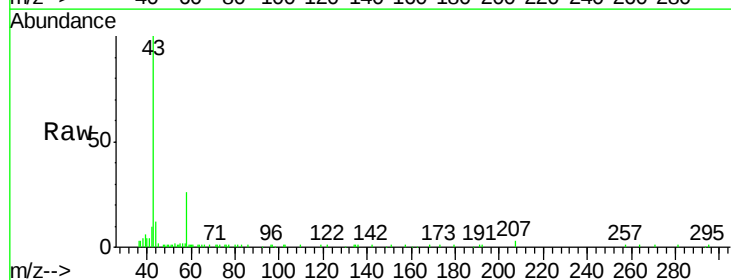
Acq: 7 Jul 2020 4:01

Tgt Ion: 43 Resp: 101210

Ion Ratio Lower Upper

43 100

58 24.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

40000

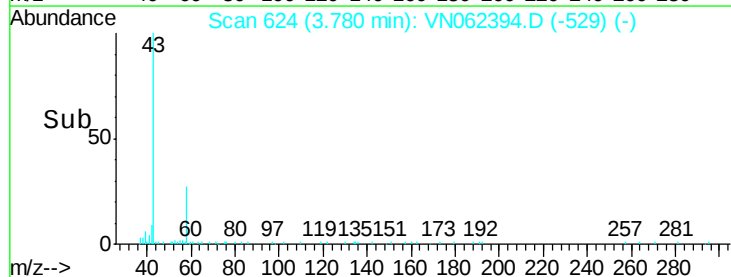
30000

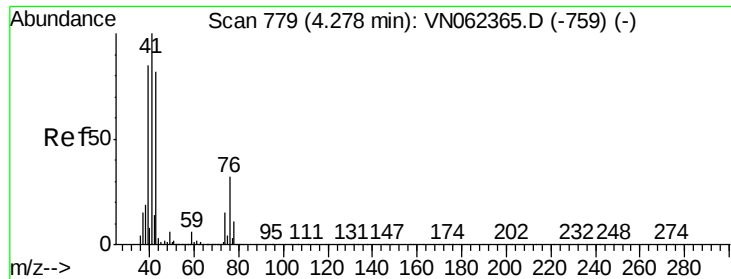
20000

10000

0

Time--> 3.70 3.80 3.90

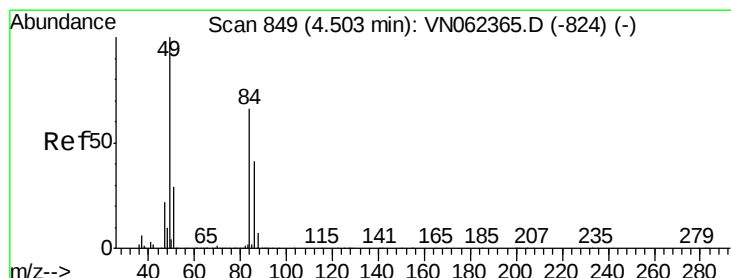
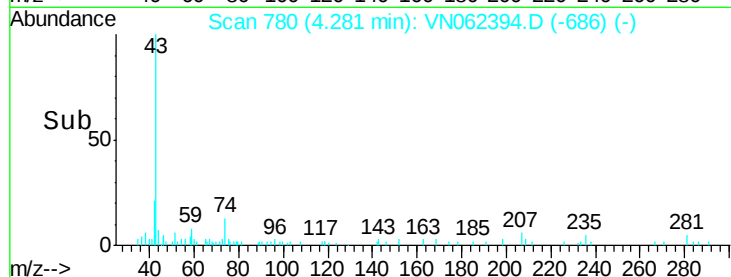
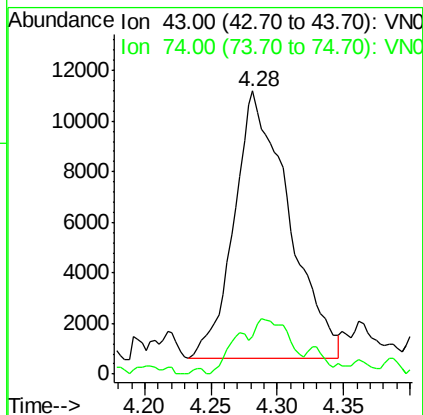
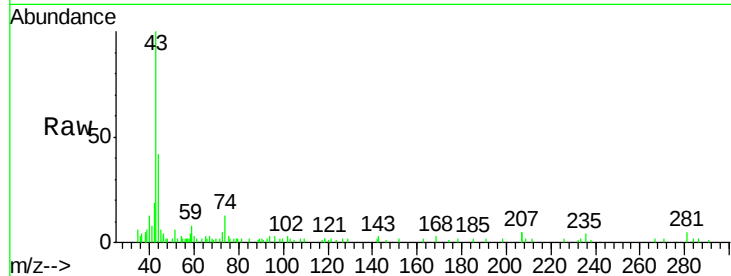




#18
Methyl Acetate
Concen: 1.430 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062394.D
Acq: 7 Jul 2020 4:01

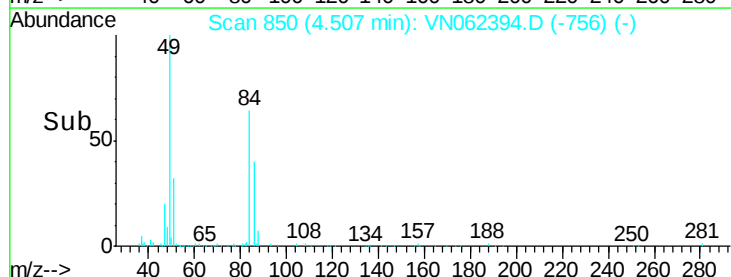
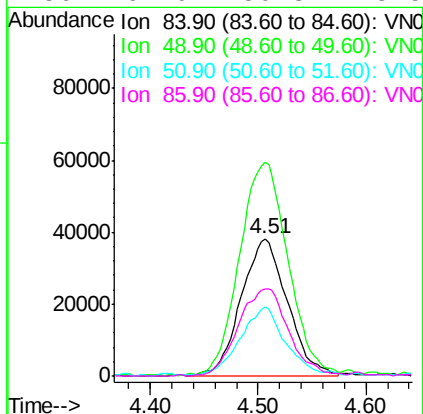
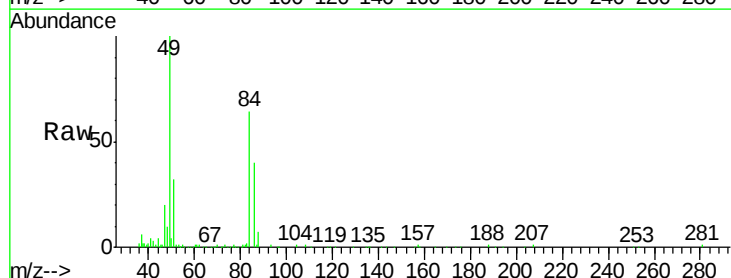
Instrument :
MSVOA_N
ClientSampleId :
WF-COMP

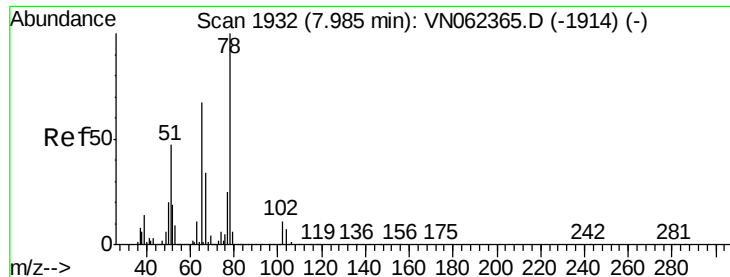
Tot Ion: 43 Resp: 30282
Ion Ratio Lower Upper
43 100
74 13.4 14.2 21.4#



#20
Methylene Chloride
Concen: 8.796 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062394.D
Acq: 7 Jul 2020 4:01

Tgt Ion: 84 Resp: 113986
Ion Ratio Lower Upper
84 100
49 153.7 121.8 182.6
51 49.4 35.0 52.4
86 62.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.942 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

Instrument :

MSVOA_N

ClientSampleId :

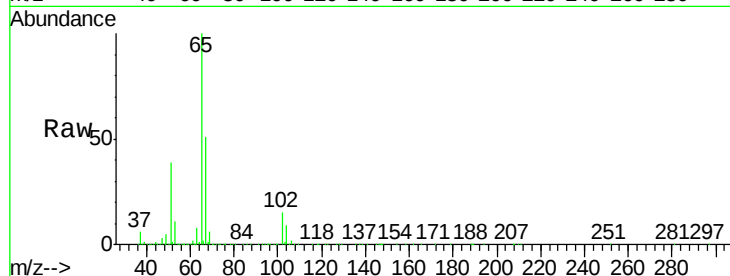
WF-COMP

Tot Ion: 65 Resp: 842893

Ion Ratio Lower Upper

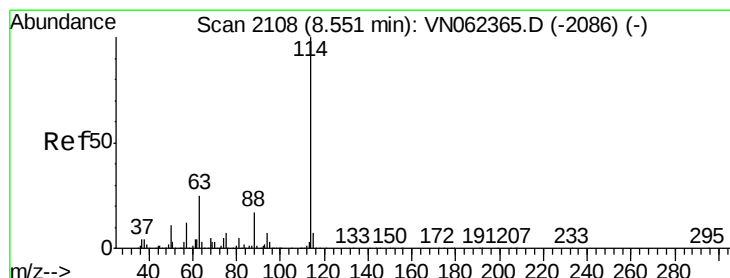
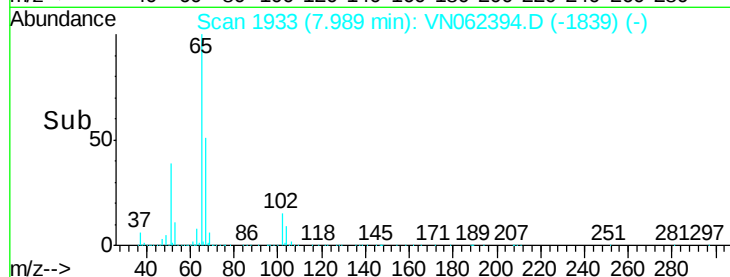
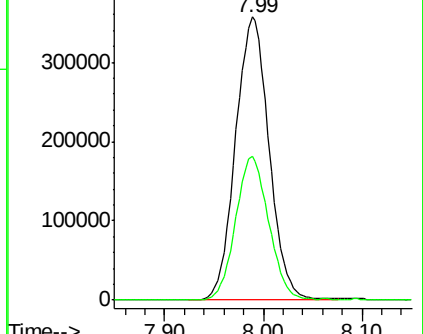
65 100

67 50.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN062394.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062394.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

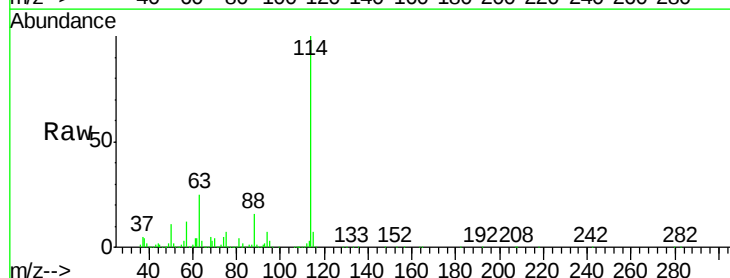
Tgt Ion: 114 Resp: 1721481

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.0

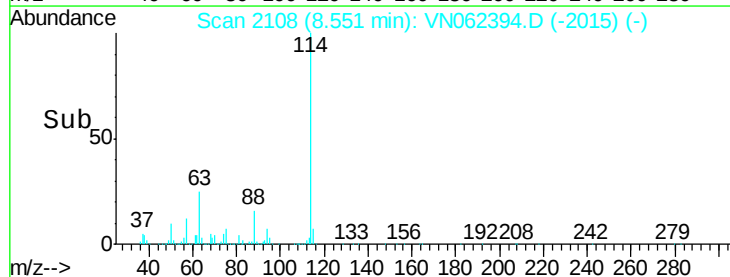
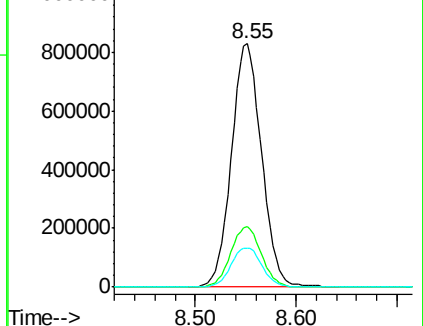
88 16.0 0.0 34.0

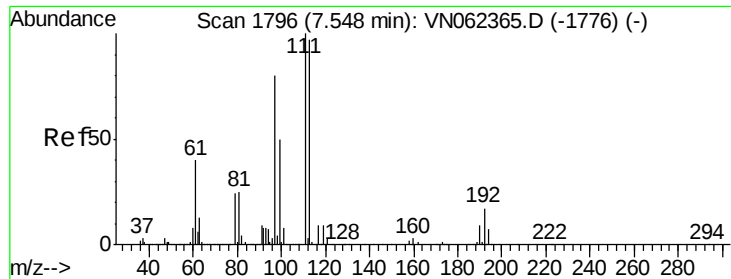


Abundance Ion 113.90 (113.60 to 114.60): VN062394.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062394.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062394.D (-2015) (-)

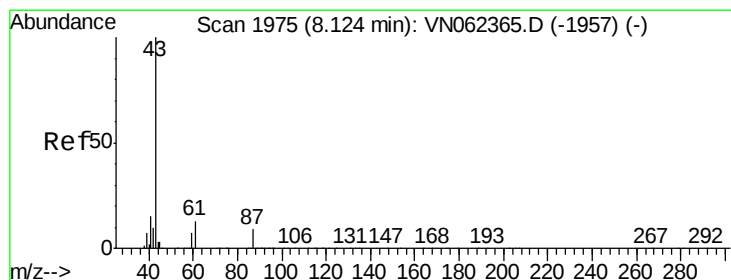
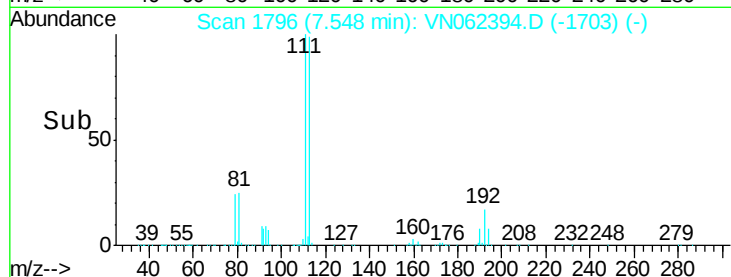
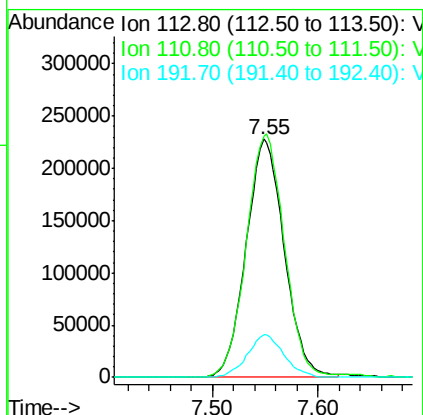
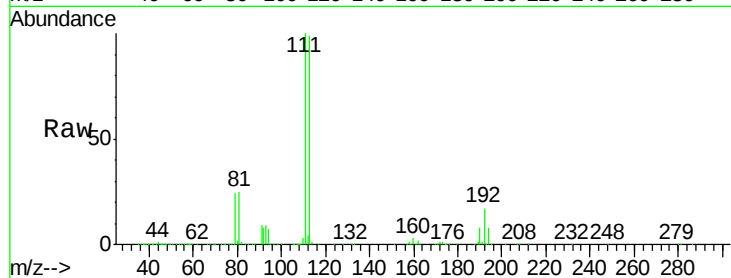




#35
 Dibromofluoromethane
 Concen: 48.849 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062394.D
 Acq: 7 Jul 2020 4:01

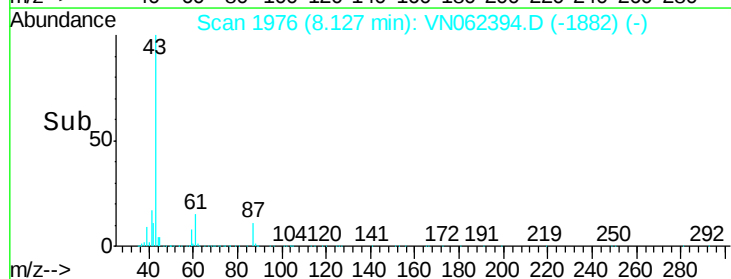
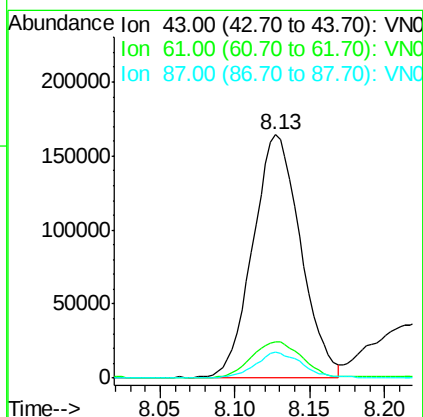
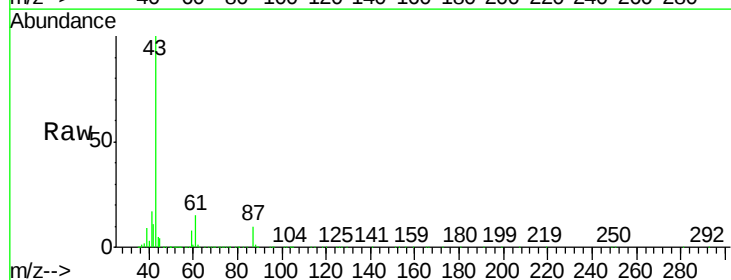
Instrument :
 MSVOA_N
 ClientSampleId :
 WF-COMP

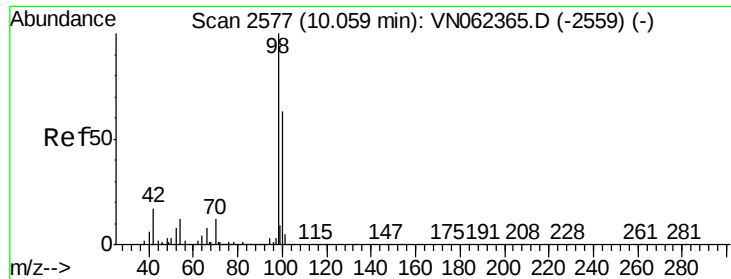
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	17.2	14.2	21.2



#43
 Isopropyl Acetate
 Concen: 10.092 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062394.D
 Acq: 7 Jul 2020 4:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.1	19.7
87	10.0	7.5	11.3





#50

Toluene-d8

Concen: 50.831 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

Instrument :

MSVOA_N

ClientSampleId :

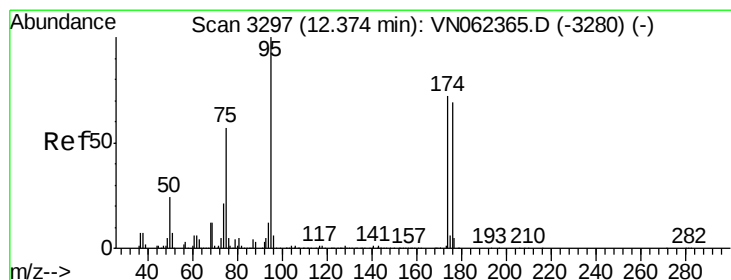
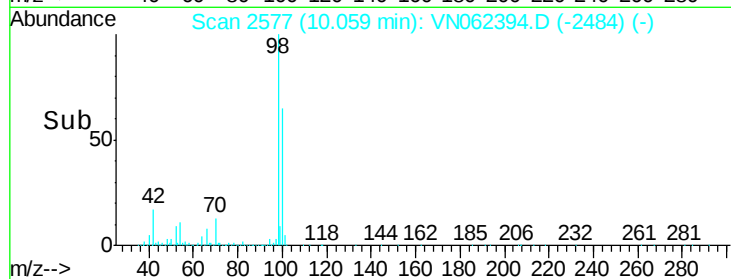
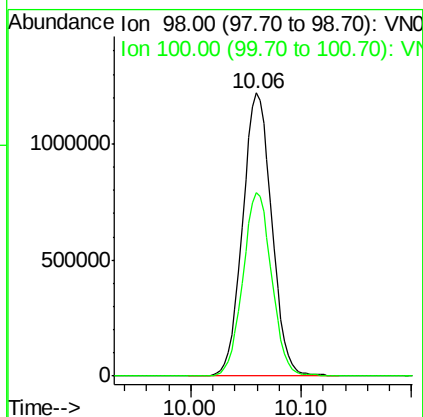
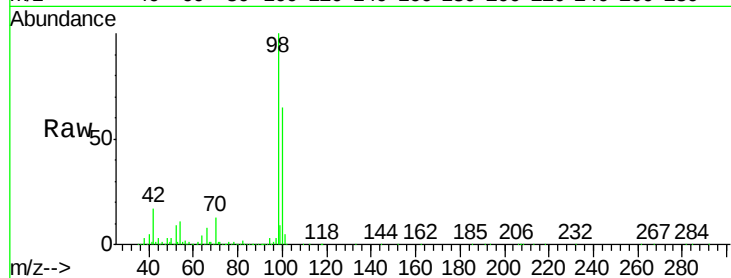
WF-COMP

Tot Ion: 98 Resp: 2231509

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 47.383 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

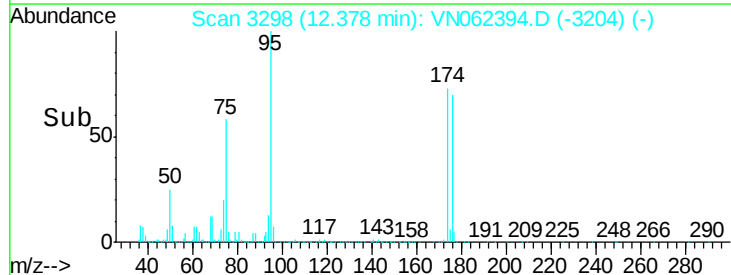
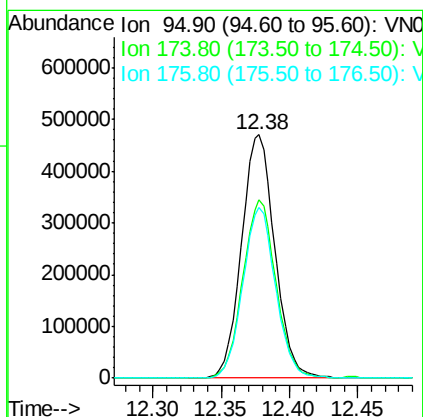
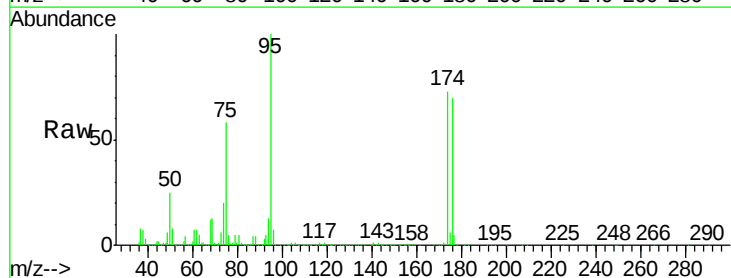
Tgt Ion: 95 Resp: 796676

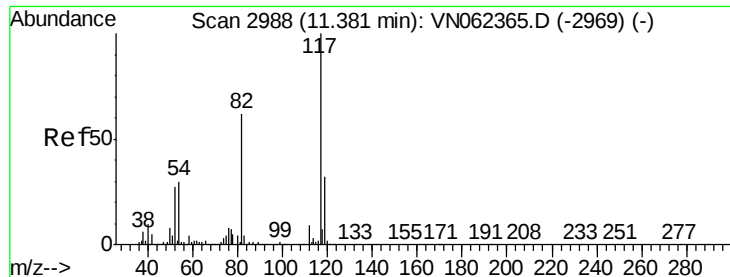
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.8

176 69.3 0.0 140.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

Instrument :

MSVOA_N

ClientSampled :

WF-COMP

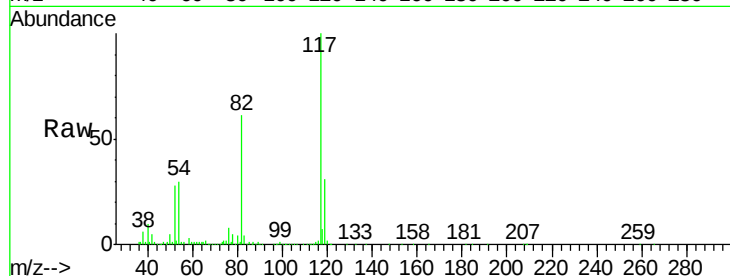
Tot Ion:117 Resp: 1715724

Ion Ratio Lower Upper

117 100

82 61.3 49.4 74.2

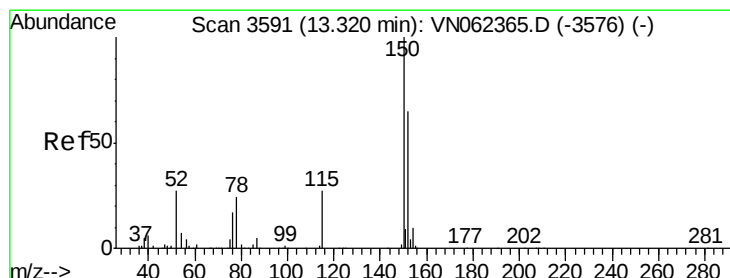
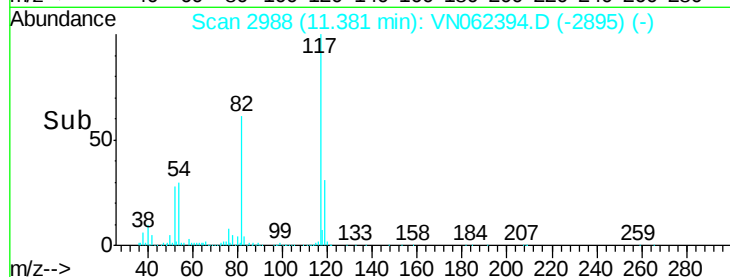
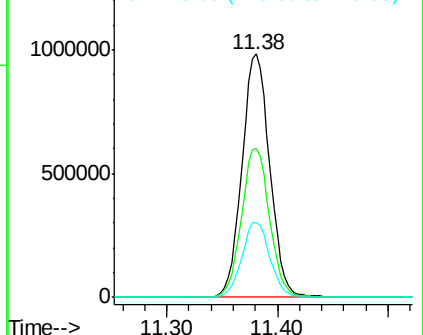
119 30.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062394.D

Acq: 7 Jul 2020 4:01

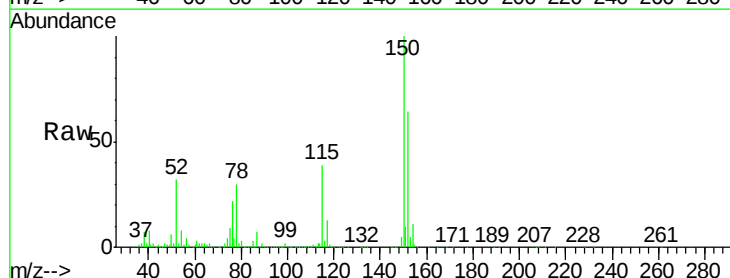
Tgt Ion:152 Resp: 638348

Ion Ratio Lower Upper

152 100

115 62.3 30.5 91.5

150 156.2 0.0 346.8



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

