

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062384.D
 Acq On : 6 Jul 2020 23:58
 Operator : JC/MD
 Sample : L3206-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-2

Quant Time: Jul 07 06:26:47 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

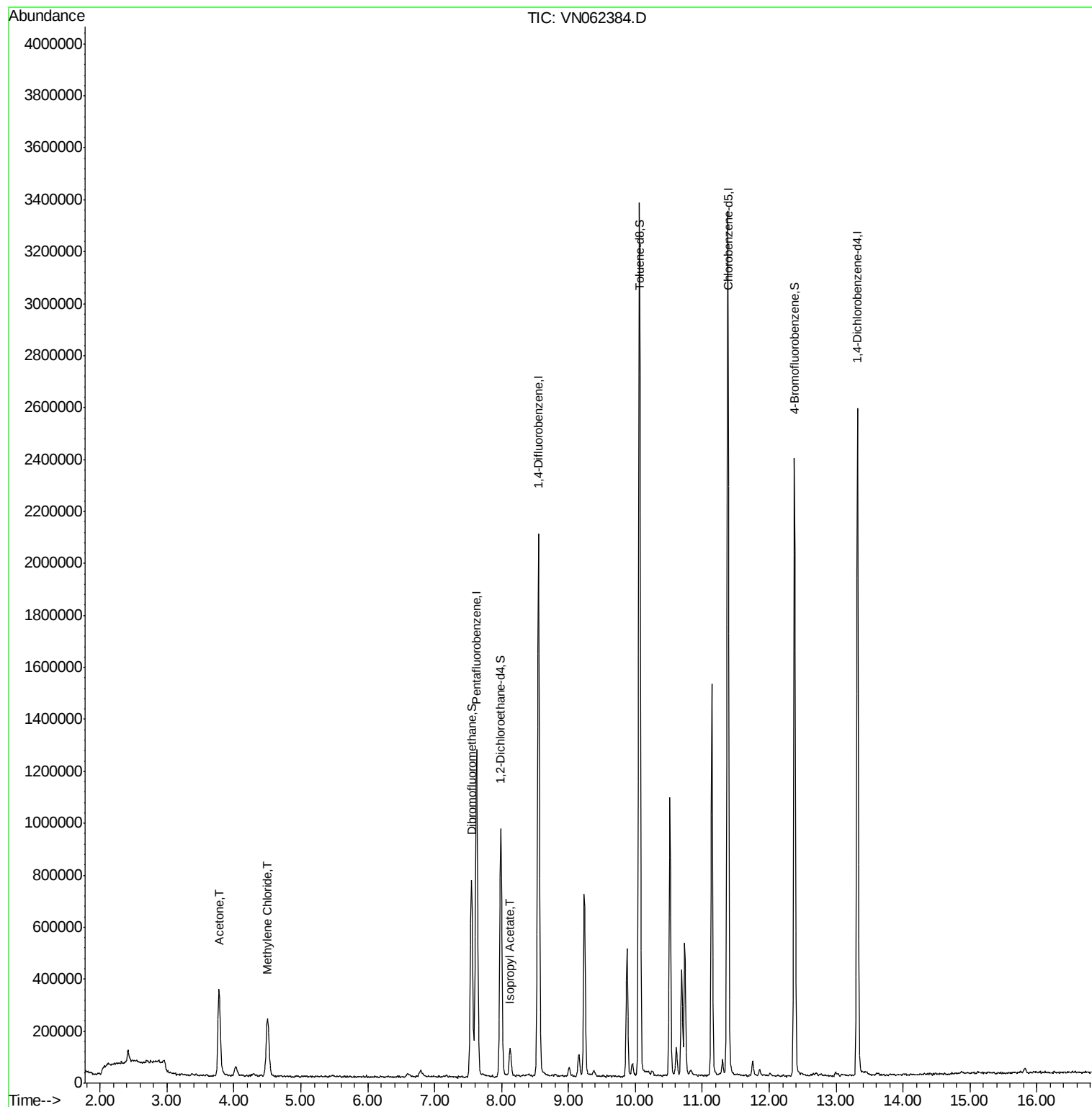
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	908454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1658304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1658181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	628227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	825554	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
35) Dibromofluoromethane	7.55	113	560935	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.06	98	2194562	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.38	95	774243	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
Target Compounds						
16) Acetone	3.78	43	571297	75.409	ug/l	98
20) Methylene Chloride	4.50	84	151875	12.596	ug/l	97
43) Isopropyl Acetate	8.13	43	138546	4.010	ug/l	95

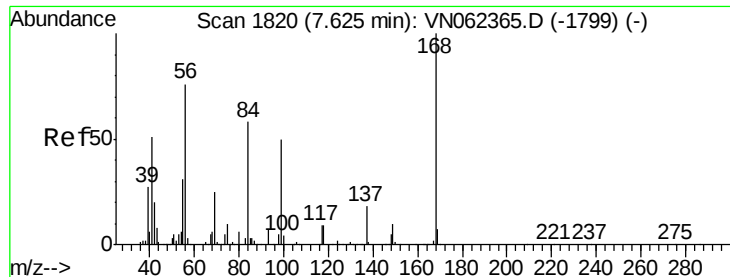
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
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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# 1821

Delta R.T. 0.00 min

Lab File: VN062384.D

Acq: 6 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

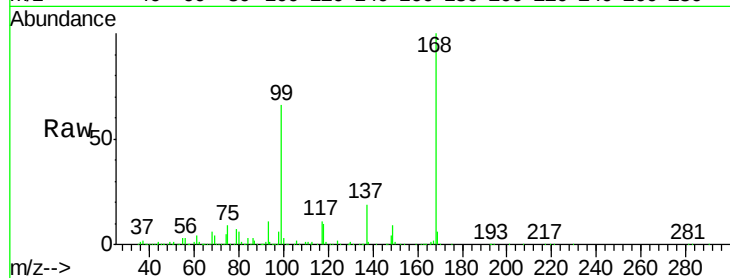
DRUM-COMP-2

Tot Ion:168 Resp: 908454

Ion Ratio Lower Upper

168 100

99 66.4 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

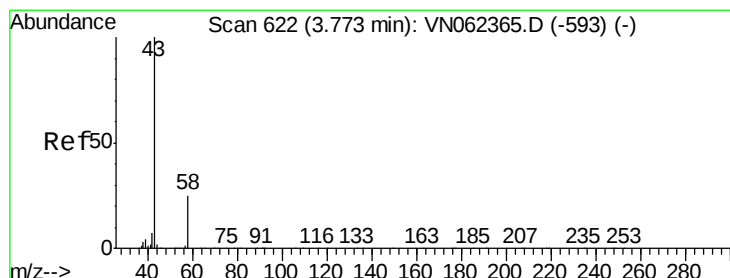
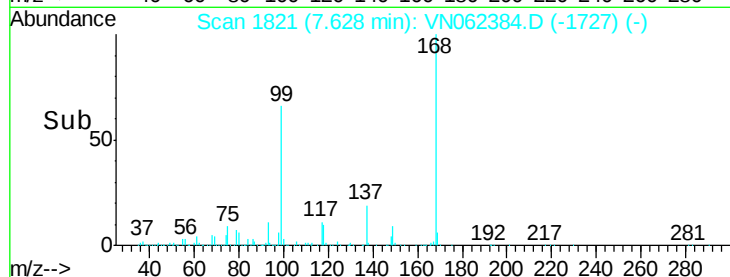
100000

0

Time--> 7.50

7.60

7.70



#16

Acetone

Concen: 75.409 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062384.D

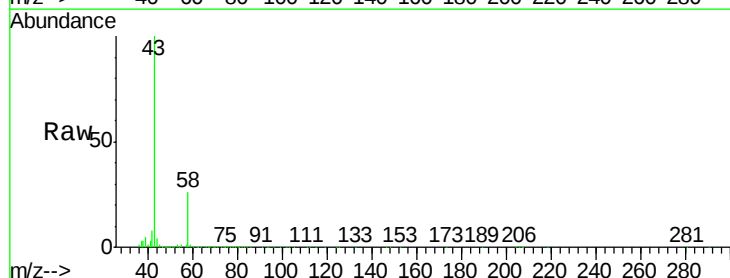
Acq: 6 Jul 2020 23:58

Tgt Ion: 43 Resp: 571297

Ion Ratio Lower Upper

43 100

58 25.8 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

250000

200000

150000

100000

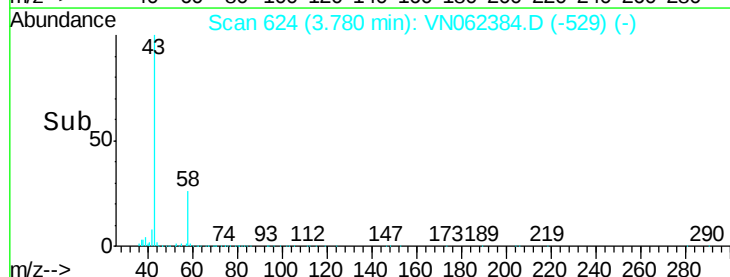
50000

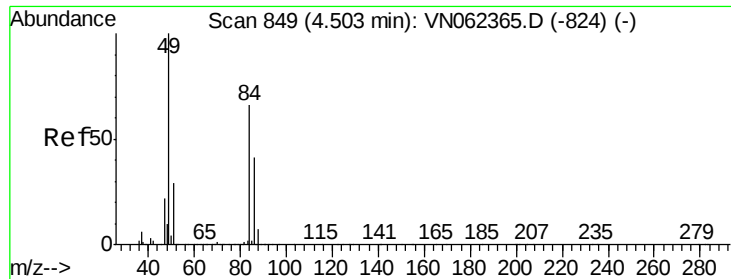
0

Time--> 3.70

3.80

3.90

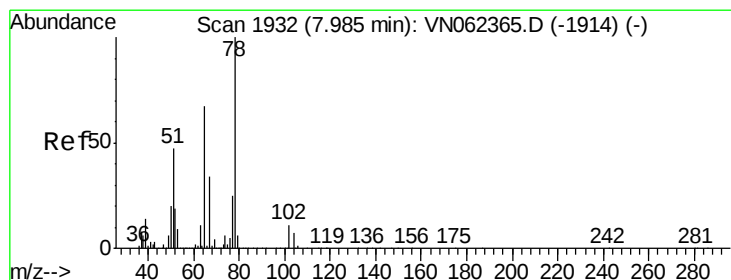
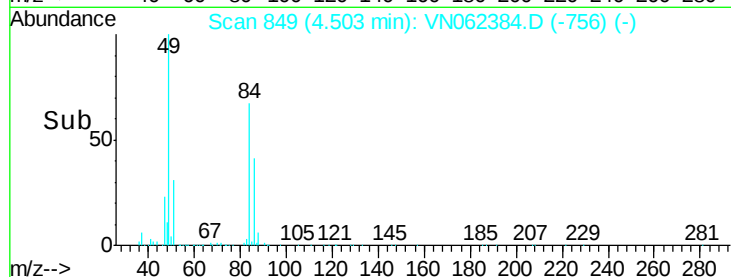
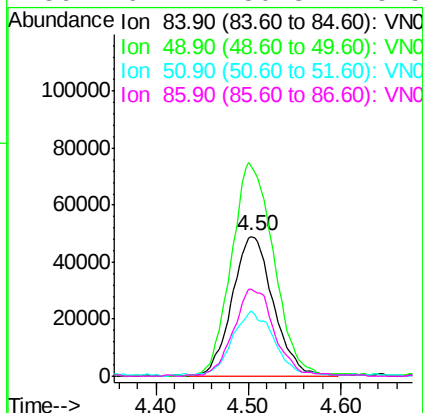
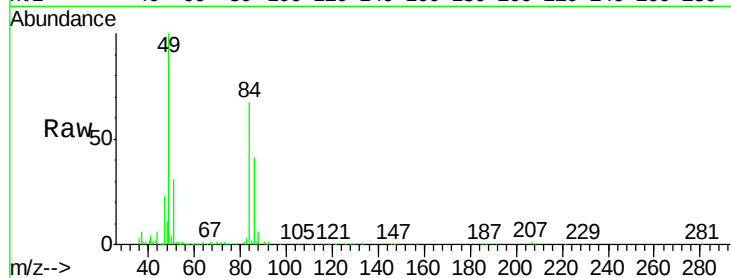




#20
Methylene Chloride
Concen: 12.596 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062384.D
Acq: 6 Jul 2020 23:58

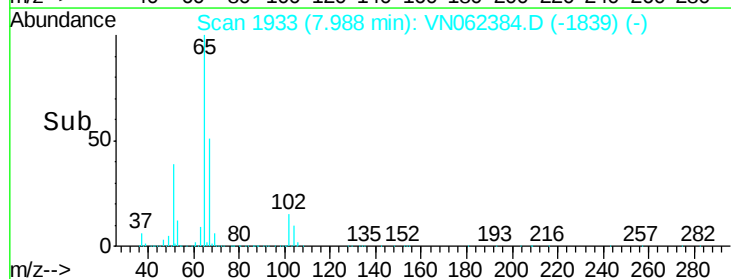
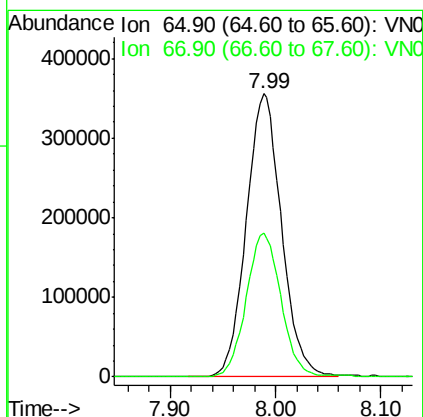
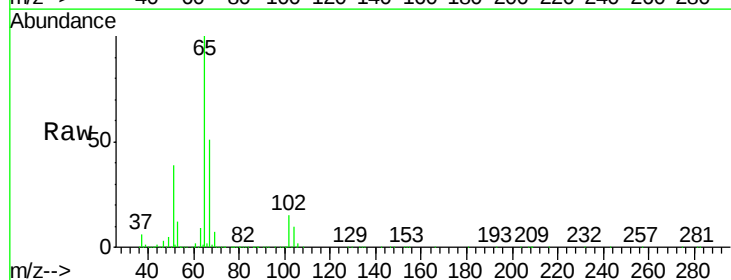
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

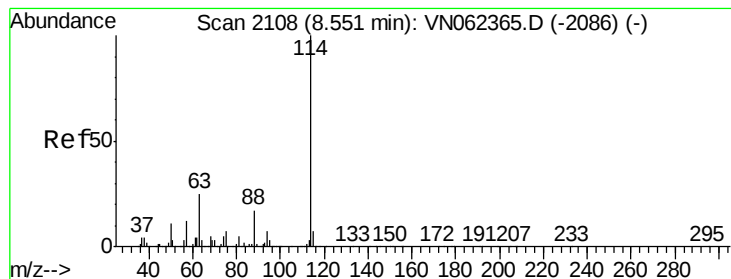
Tot Ion: 84 Resp: 151875
Ion Ratio Lower Upper
84 100
49 148.6 121.8 182.6
51 45.1 35.0 52.4
86 61.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 50.238 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062384.D
Acq: 6 Jul 2020 23:58

Tgt Ion: 65 Resp: 825554
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062384.D

Acq: 6 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-2

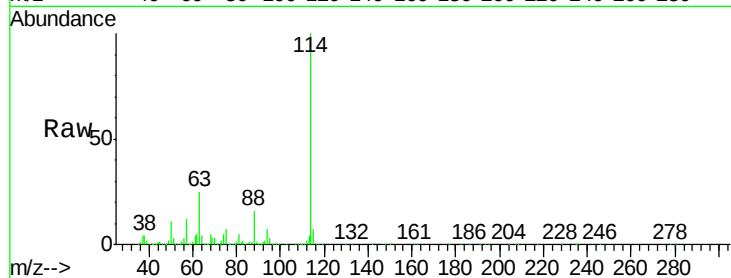
Tot Ion:114 Resp: 1658304

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

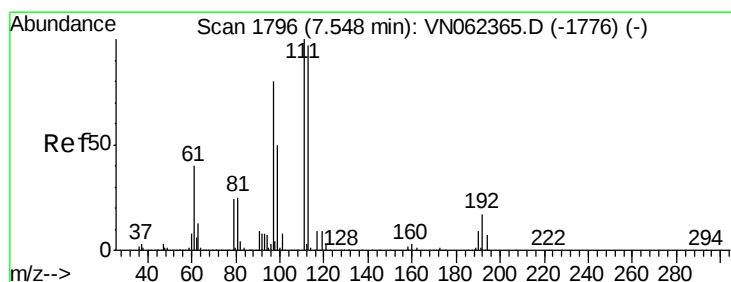
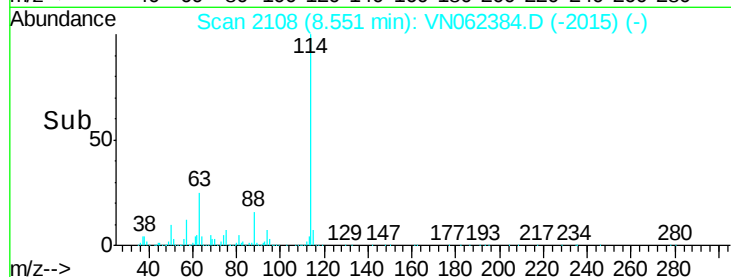
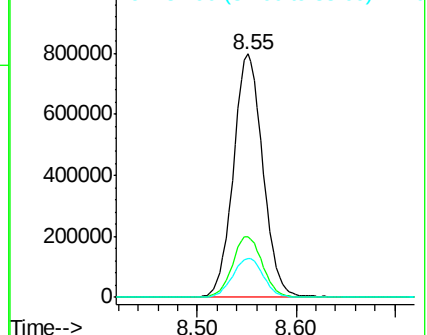
88 16.1 0.0 34.0



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: 49.584 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062384.D

Acq: 6 Jul 2020 23:58

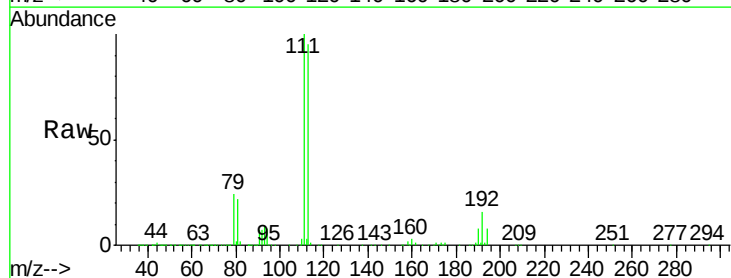
Tgt Ion:113 Resp: 560935

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

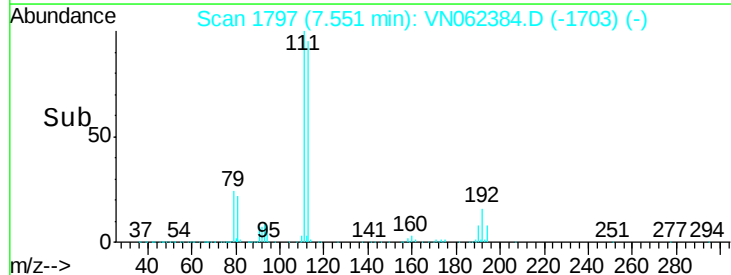
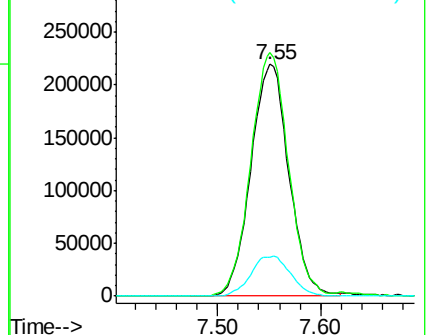
192 18.0 14.2 21.2

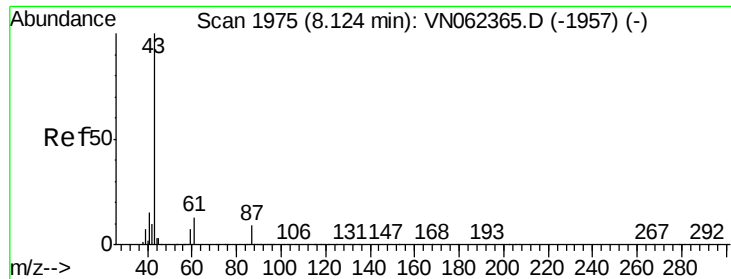


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.010 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062384.D

Acq: 6 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-2

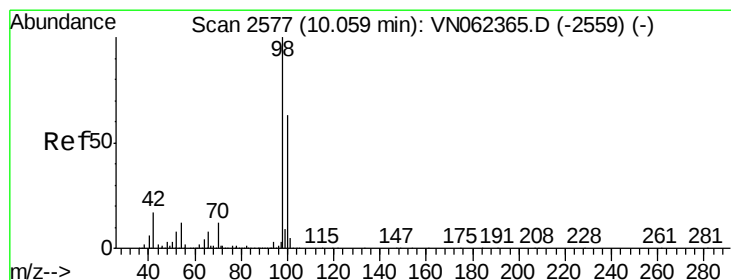
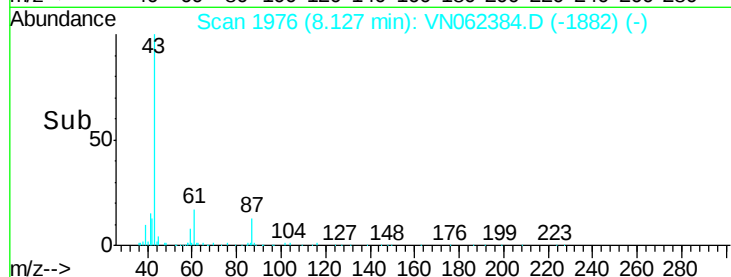
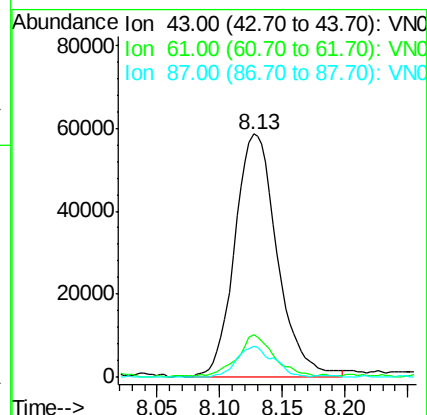
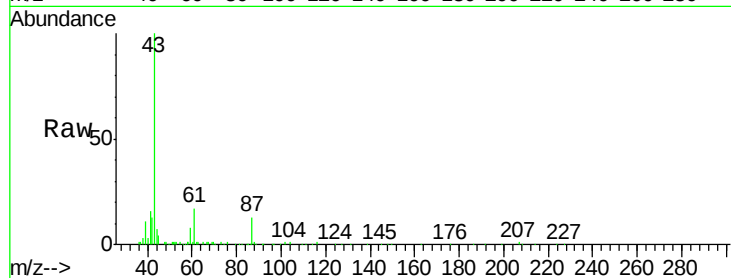
Tot Ion: 43 Resp: 138546

Ion Ratio Lower Upper

43 100

61 14.4 13.1 19.7

87 11.1 7.5 11.3



#50

Toluene-d8

Concen: 51.894 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062384.D

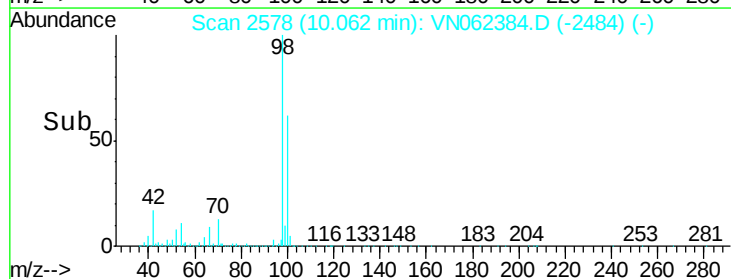
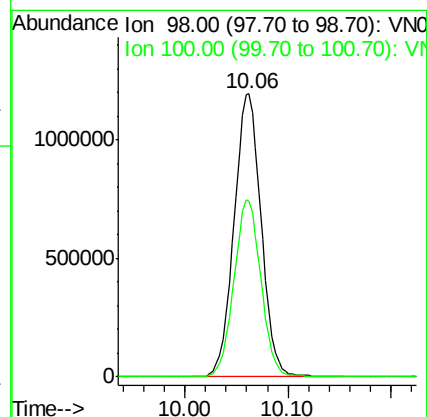
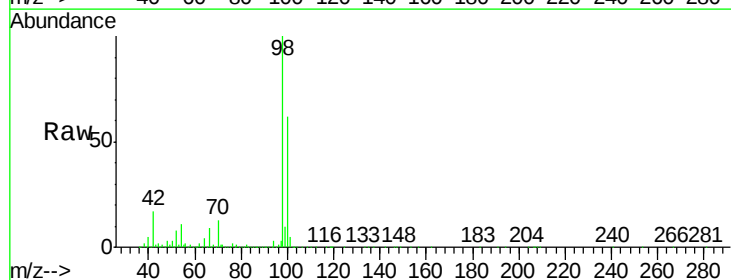
Acq: 6 Jul 2020 23:58

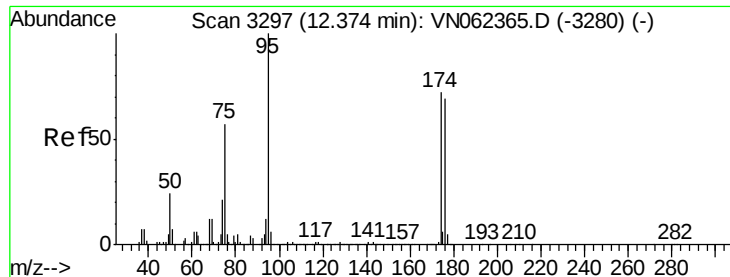
Tgt Ion: 98 Resp: 2194562

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.2

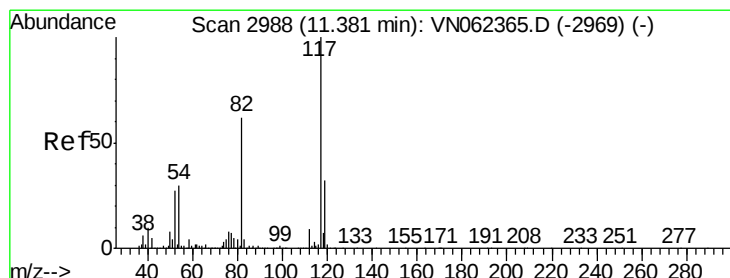
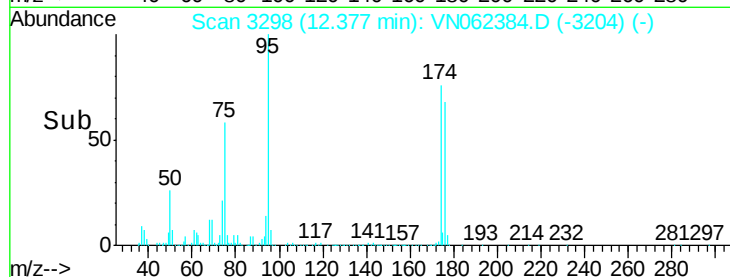
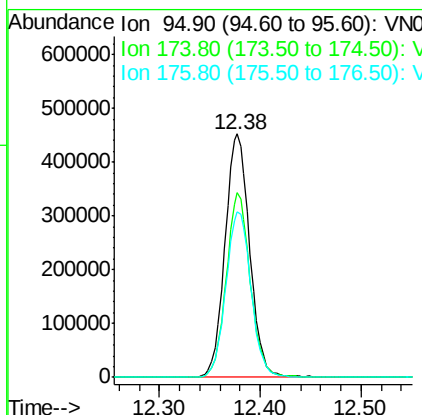
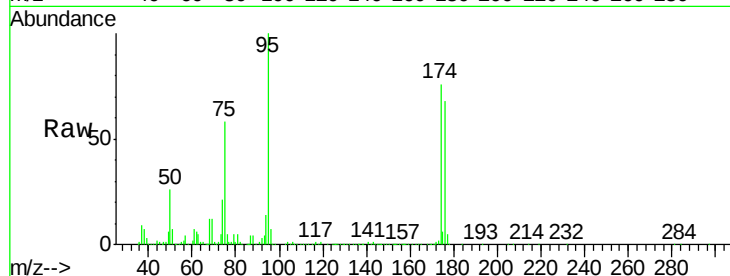




#62
4-Bromofluorobenzene
Concen: 47.803 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062384.D
Acq: 6 Jul 2020 23:58

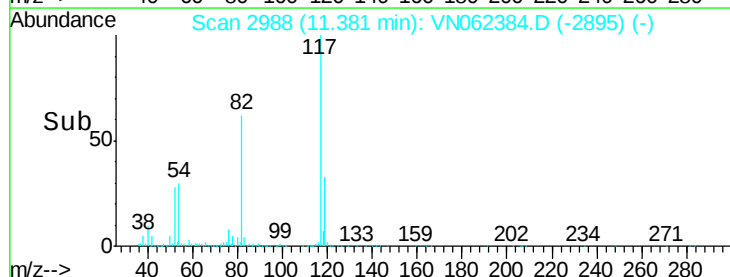
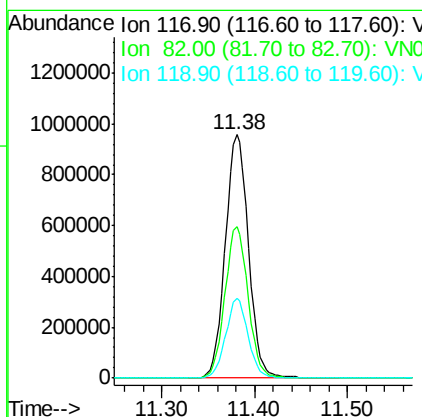
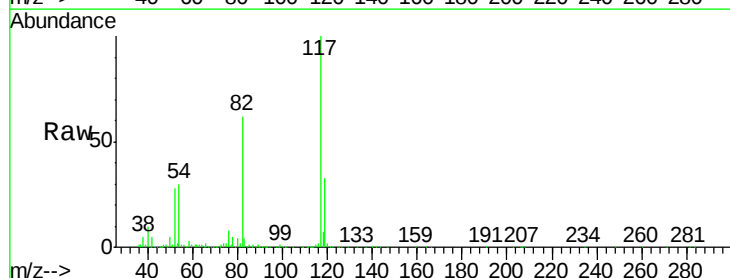
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

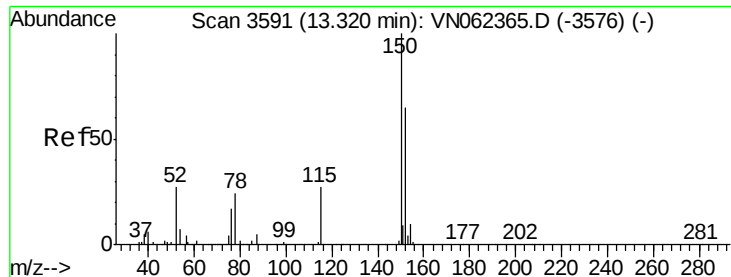
Tot Ion: 95 Resp: 774243
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.8
176 69.0 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062384.D
Acq: 6 Jul 2020 23:58

Tgt Ion: 117 Resp: 1658181
Ion Ratio Lower Upper
117 100
82 62.1 49.4 74.2
119 33.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062384.D

Acq: 6 Jul 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-2

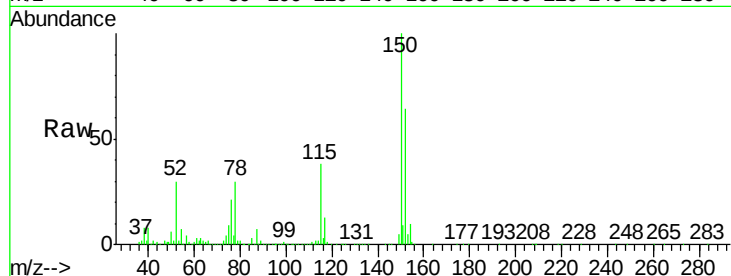
Tot Ion:152 Resp: 628227

Ion Ratio Lower Upper

152 100

115 62.2 30.5 91.5

150 157.4 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

