

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063834.D
 Acq On : 2 Oct 2020 20:20
 Operator : JC/MD
 Sample : PB132030ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#13

Quant Time: Oct 05 07:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

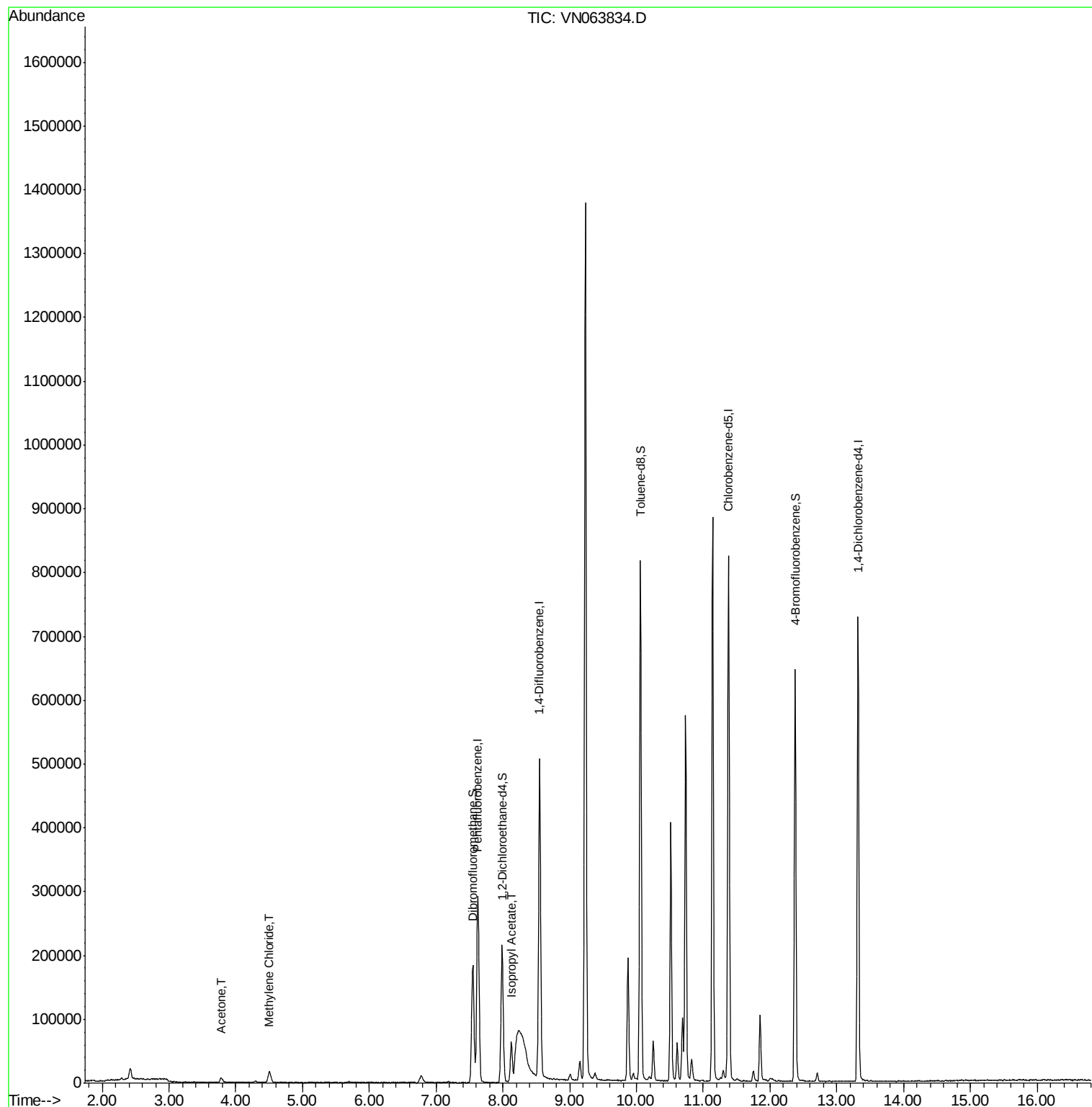
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	415962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	195027	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.55	113	136070	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.06	98	531439	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	209382	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
Target Compounds						
16) Acetone	3.78	43	11859	10.718	ug/l #	84
20) Methylene Chloride	4.51	84	11022	4.439	ug/l	90
43) Isopropyl Acetate	8.13	43	75719	10.964	ug/l	99

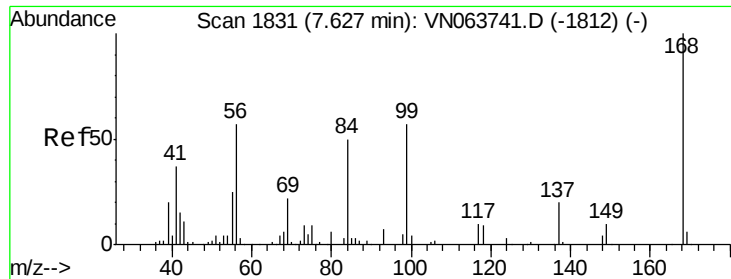
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063834.D

Acq: 2 Oct 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

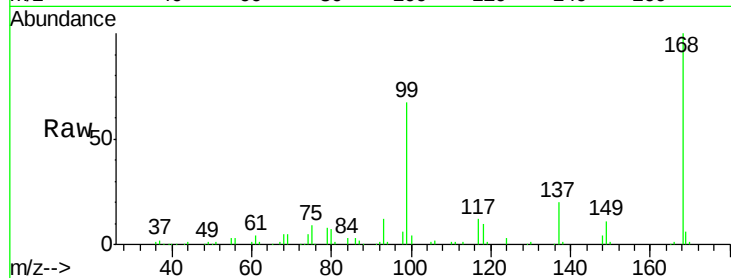
PB132030ZHE#13

Tot Ion:168 Resp: 217566

Ion Ratio Lower Upper

168 100

99 66.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

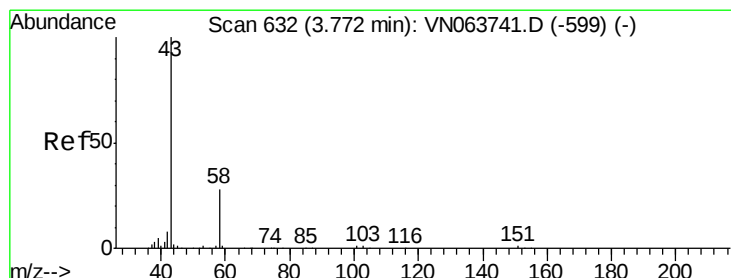
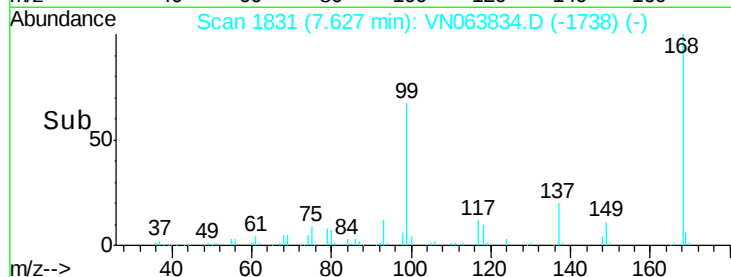
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.718 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063834.D

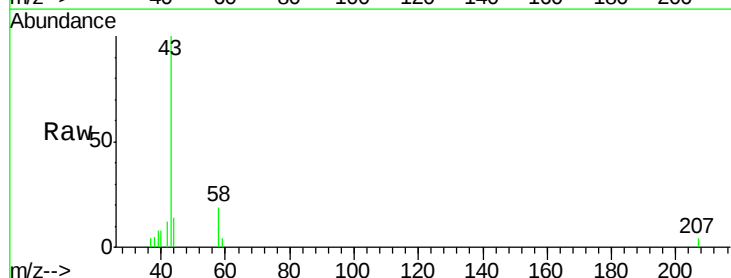
Acq: 2 Oct 2020 20:20

Tgt Ion: 43 Resp: 11859

Ion Ratio Lower Upper

43 100

58 19.4 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

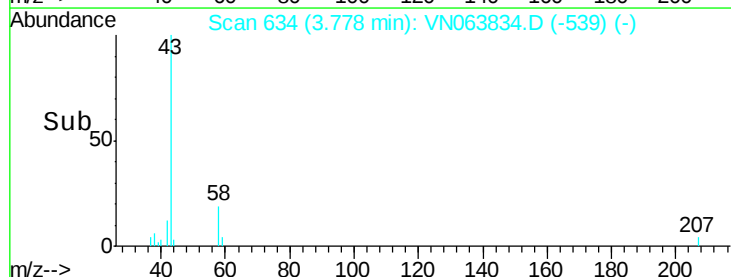
3000

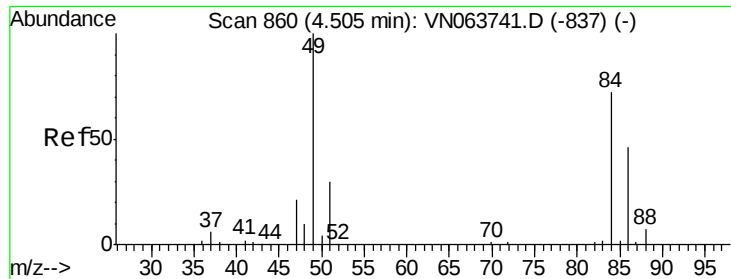
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

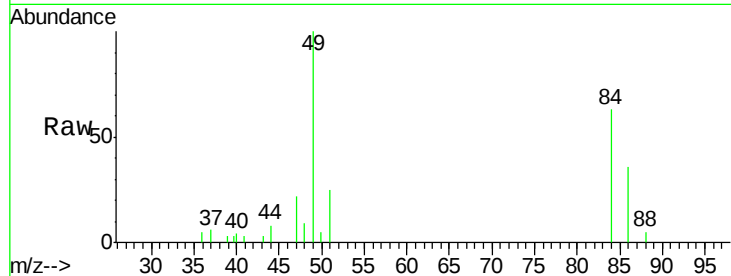




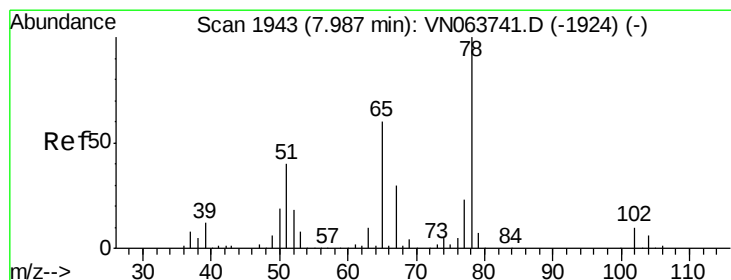
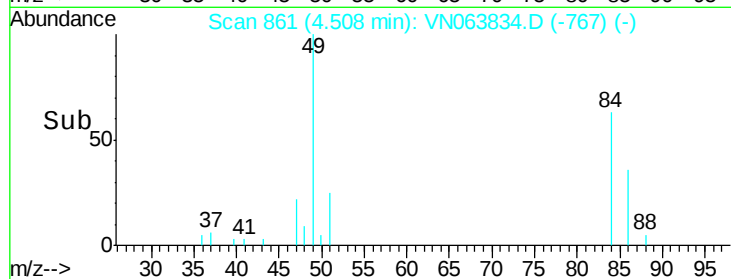
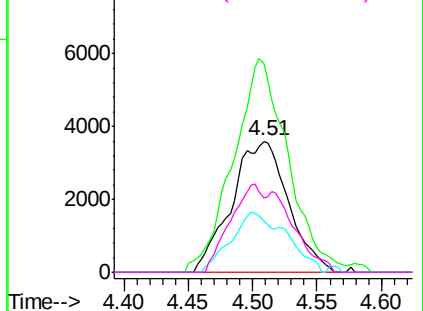
#20
Methvlene Chloride
Concen: 4.439 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063834.D
Acq: 2 Oct 2020 20:20

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#13

Tot Ion: 84 Resp: 11022
Ion Ratio Lower Upper
84 100
49 152.4 110.4 165.6
51 39.2 33.3 49.9
86 56.5 50.7 76.1

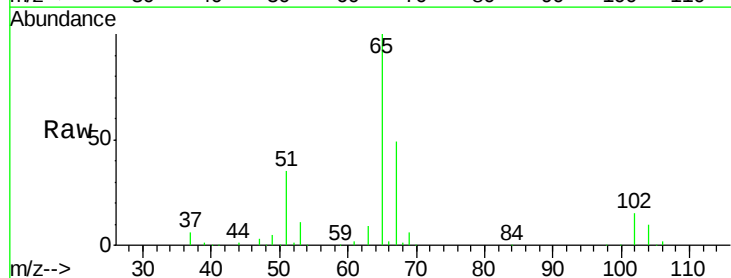


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

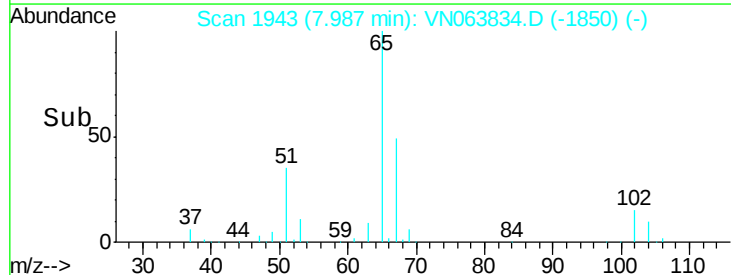
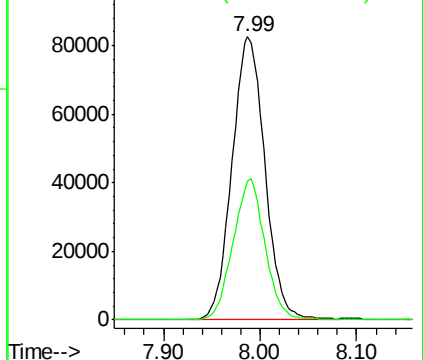


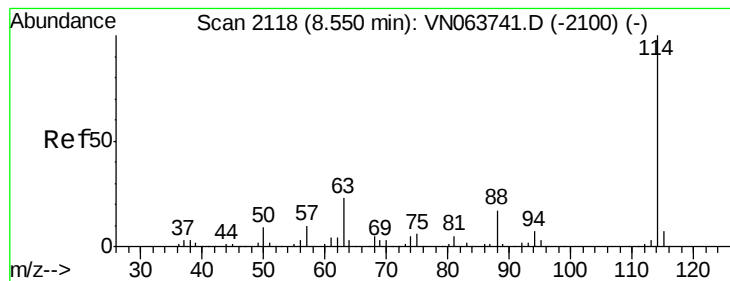
#33
1,2-Dichloroethane-d4
Concen: 54.260 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063834.D
Acq: 2 Oct 2020 20:20

Tgt Ion: 65 Resp: 195027
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.6



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: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063834.D

Acq: 2 Oct 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#13

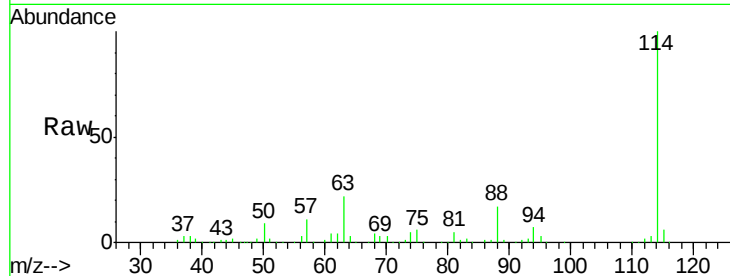
Tot Ion:114 Resp: 415962

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

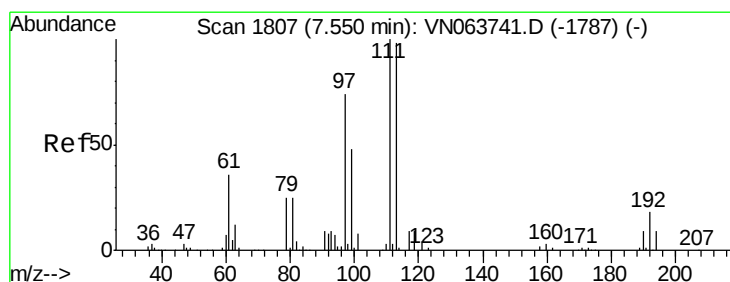
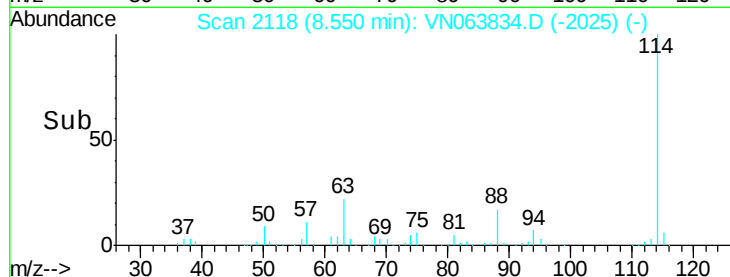
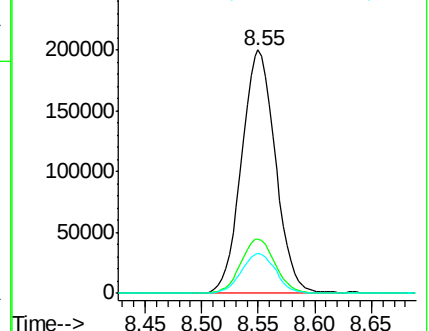
88 16.5 0.0 34.0



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: 47.144 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063834.D

Acq: 2 Oct 2020 20:20

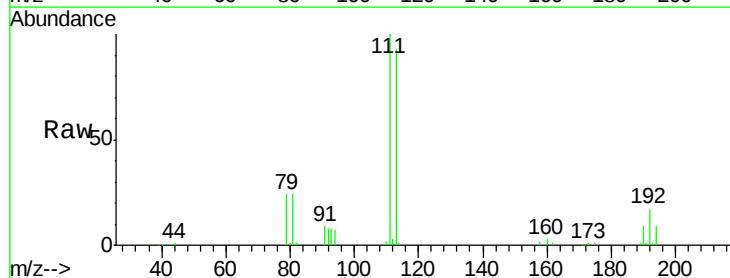
Tgt Ion:113 Resp: 136070

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

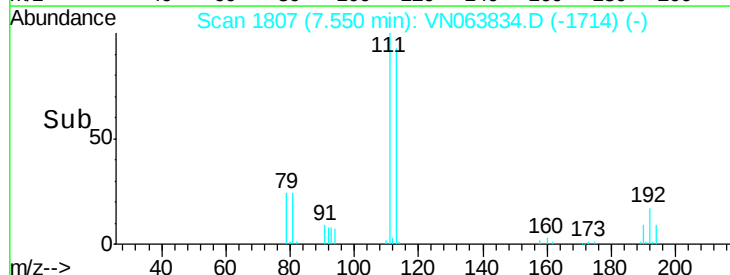
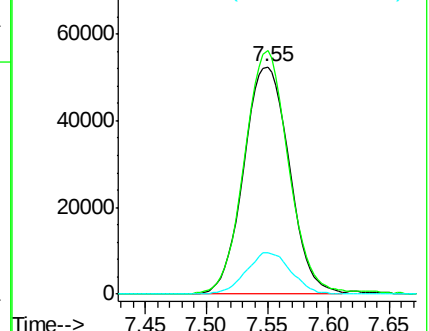
192 17.9 14.2 21.2

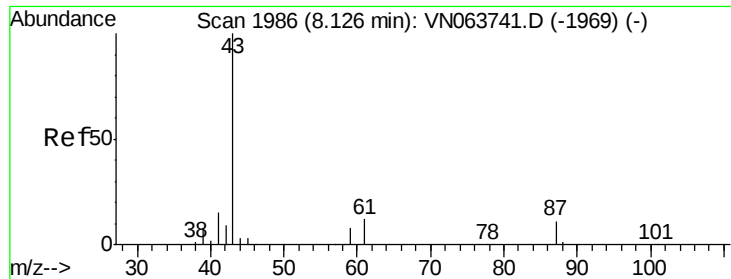


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.964 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063834.D

Acq: 2 Oct 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#13

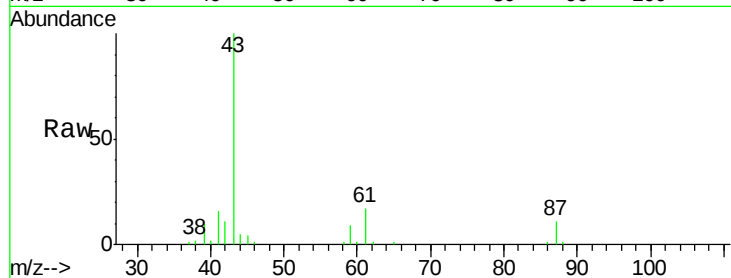
Tot Ion: 43 Resp: 75719

Ion Ratio Lower Upper

43 100

61 17.2 14.2 21.4

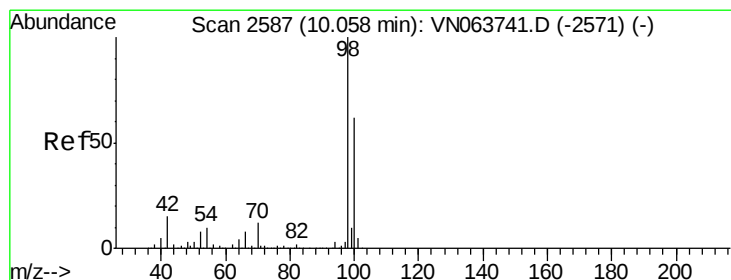
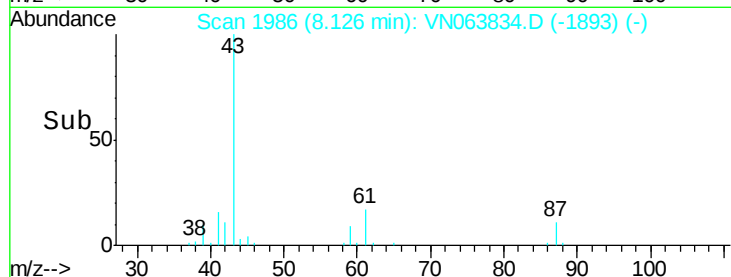
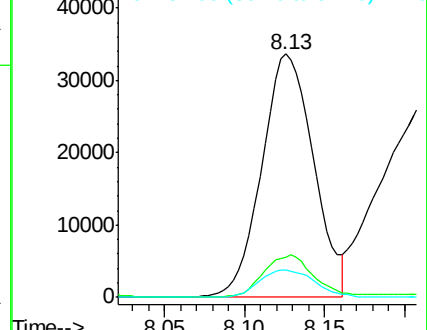
87 11.8 9.0 13.6



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: 48.571 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063834.D

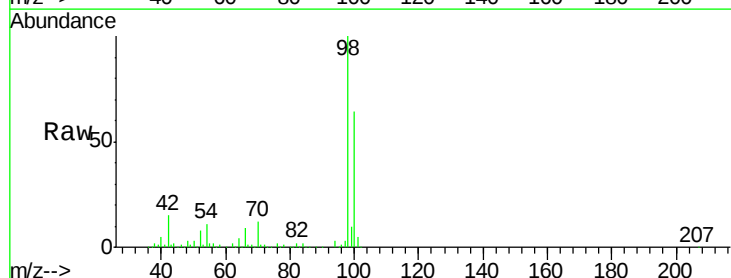
Acq: 2 Oct 2020 20:20

Tgt Ion: 98 Resp: 531439

Ion Ratio Lower Upper

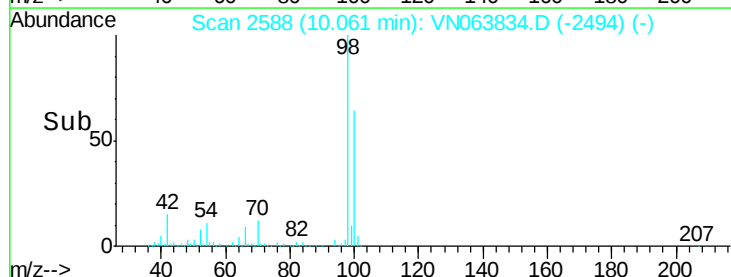
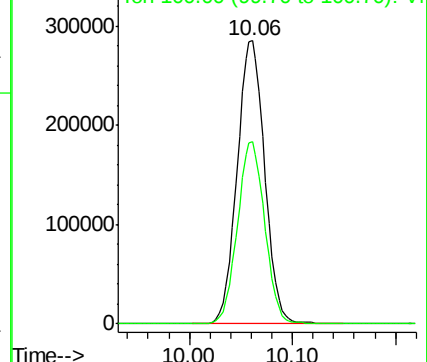
98 100

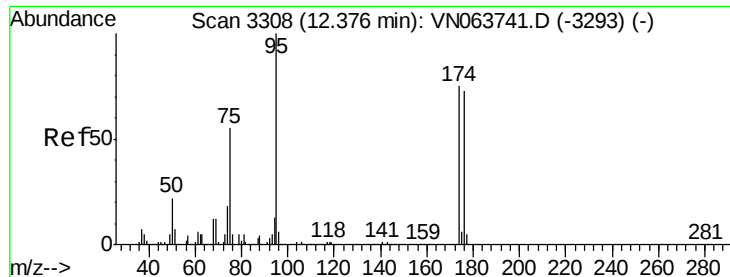
100 63.8 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.907 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063834.D

Acq: 2 Oct 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#13

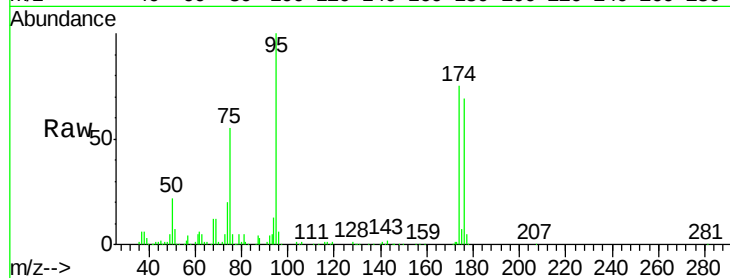
Tot Ion: 95 Resp: 209382

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

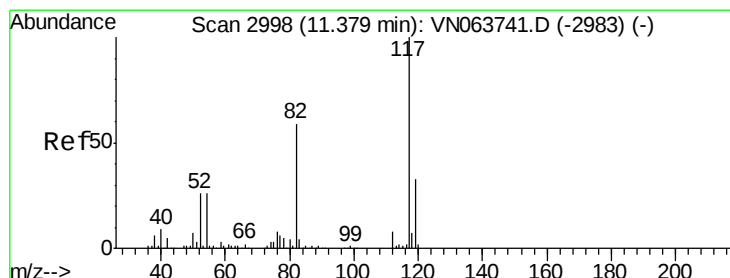
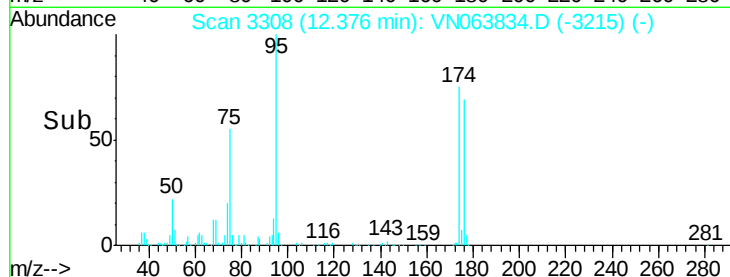
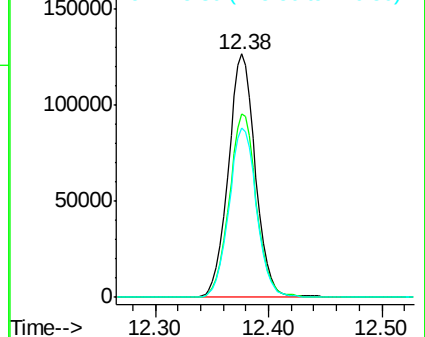
176 71.2 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063834.D

Acq: 2 Oct 2020 20:20

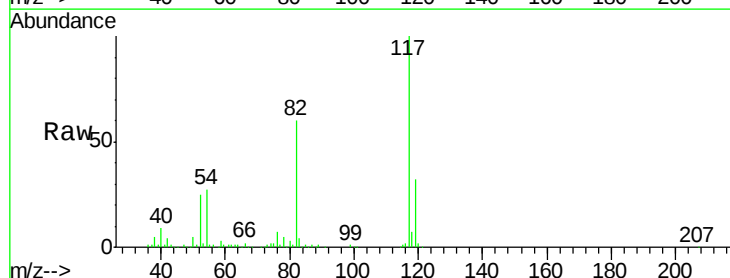
Tgt Ion: 117 Resp: 430586

Ion Ratio Lower Upper

117 100

82 60.2 47.4 71.2

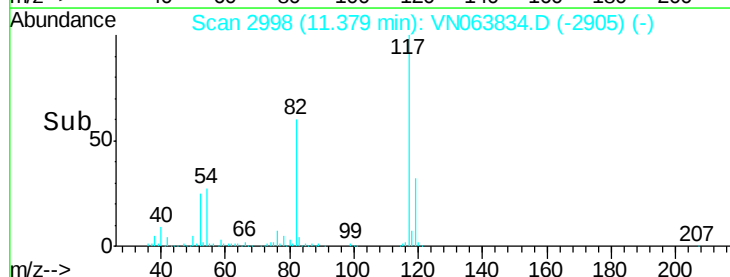
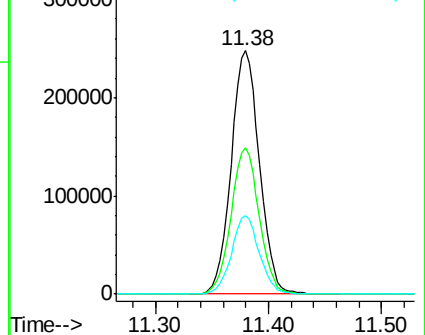
119 32.4 26.4 39.6

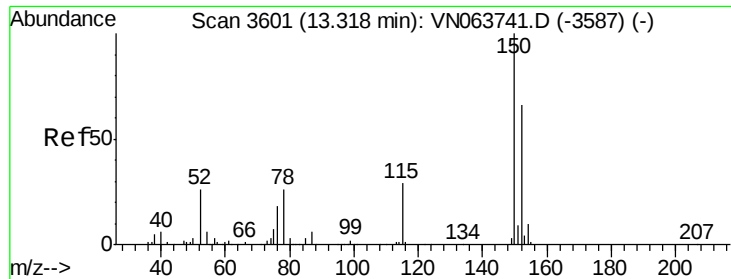


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063834.D

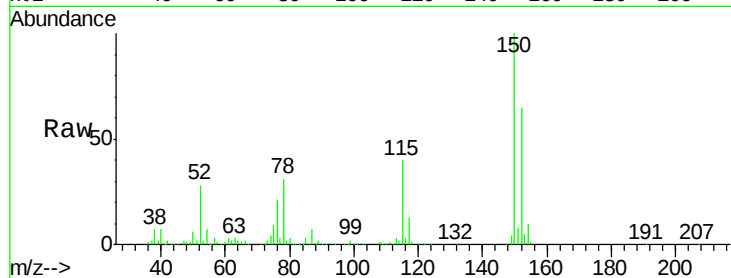
Acq: 2 Oct 2020 20:20

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#13



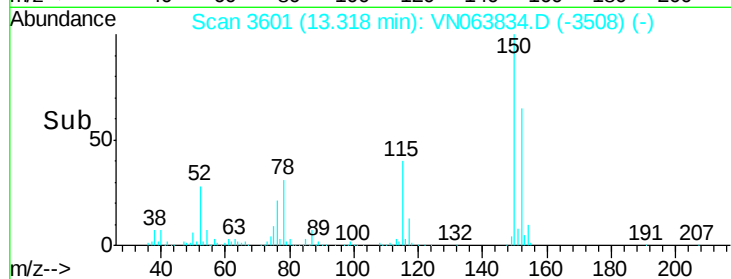
Tot Ion:152 Resp: 179769

Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.8

150 154.5 0.0 341.8



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

