

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063835.D
 Acq On : 2 Oct 2020 20:44
 Operator : JC/MD
 Sample : PB132030ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132030ZHE#14

Quant Time: Oct 05 07:11:03 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

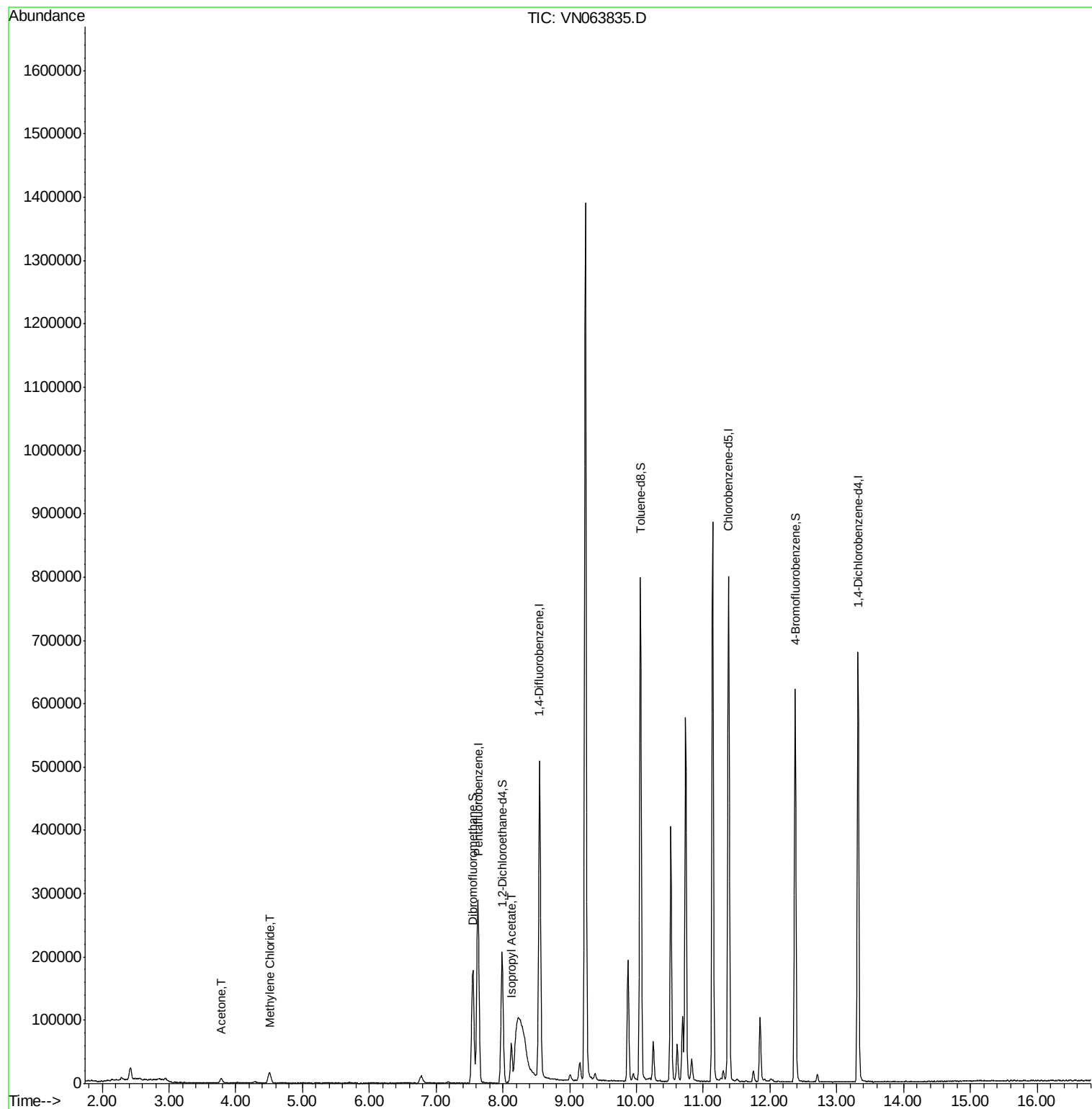
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188955	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	7.55	113	134011	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.06	98	512202	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.38	95	204602	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
16) Acetone	3.78	43	13855	12.984	ug/l	98
20) Methylene Chloride	4.50	84	12244	5.098	ug/l	96
43) Isopropyl Acetate	8.13	43	74412	10.940	ug/l	99

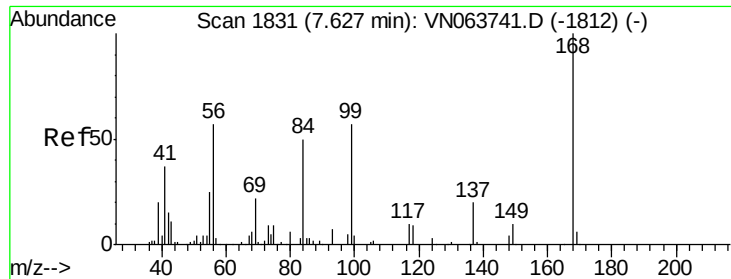
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

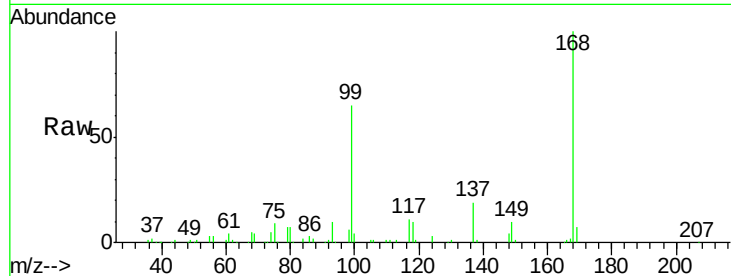
PB132030ZHE#14

Tot Ion:168 Resp: 209831

Ion Ratio Lower Upper

168 100

99 64.7 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

100000

80000

60000

40000

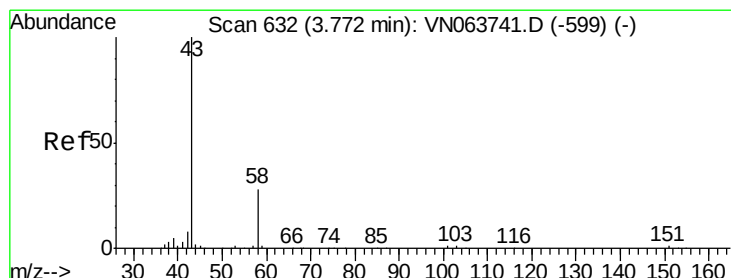
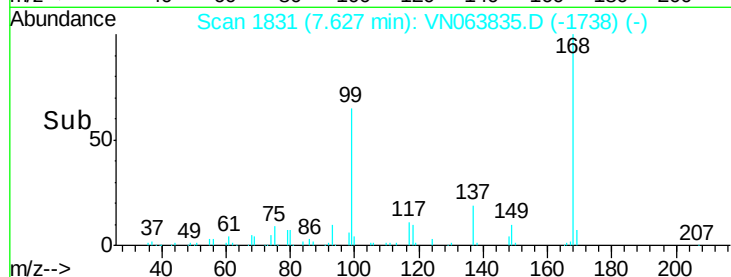
20000

0

Time--> 7.50

7.60

7.70



#16

Acetone

Concen: 12.984 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063835.D

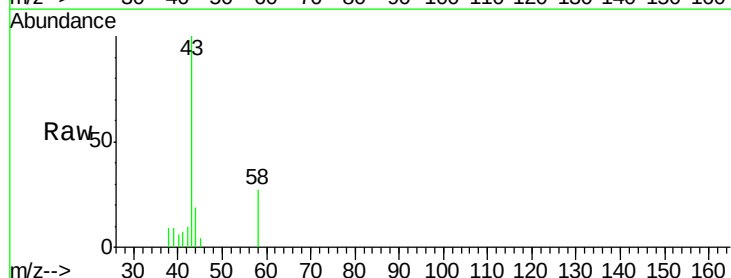
Acq: 2 Oct 2020 20:44

Tgt Ion: 43 Resp: 13855

Ion Ratio Lower Upper

43 100

58 26.7 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

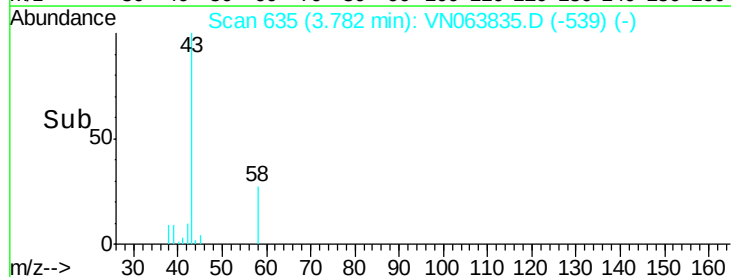
0

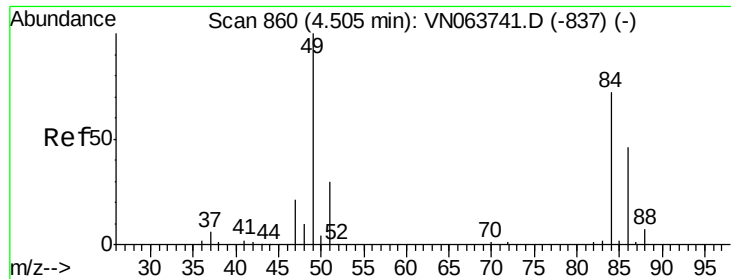
Time--> 3.70

3.75

3.80

3.85

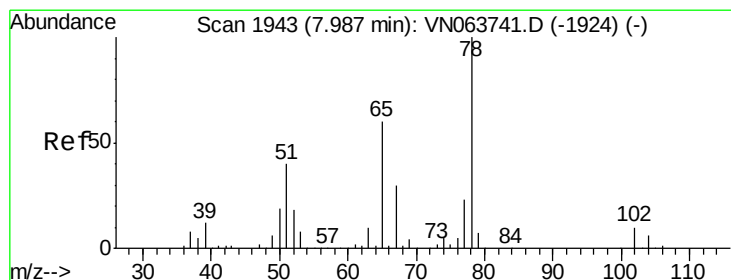
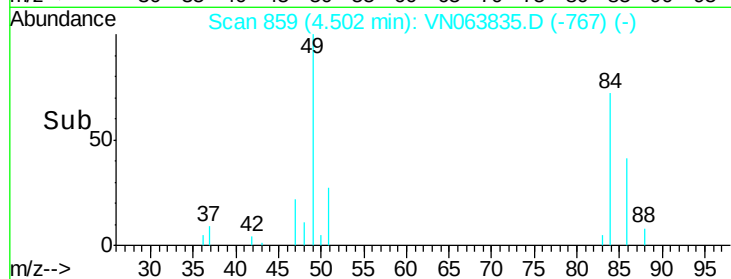
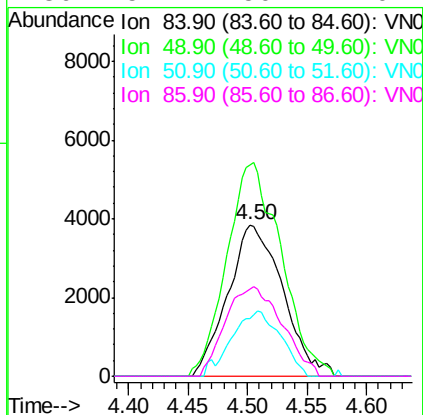
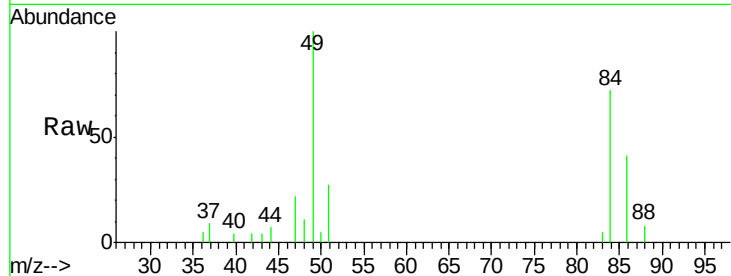




#20
Methylene Chloride
Concen: 5.098 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063835.D
Acq: 2 Oct 2020 20:44

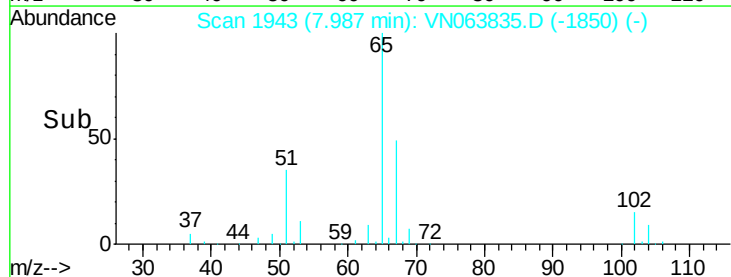
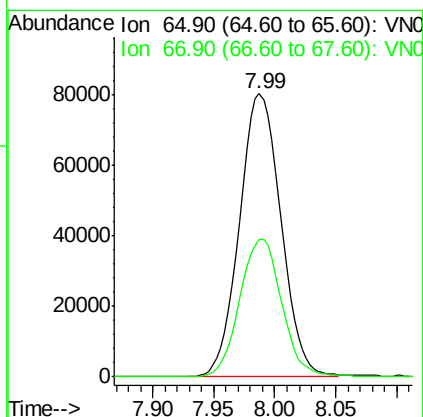
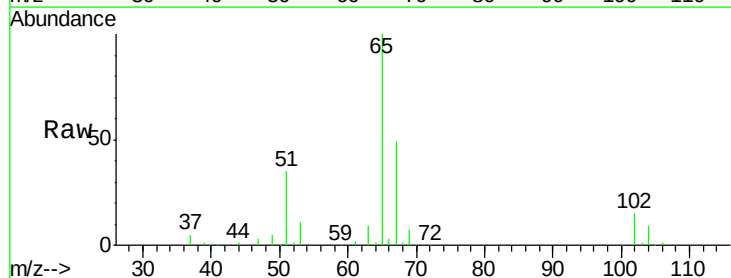
Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#14

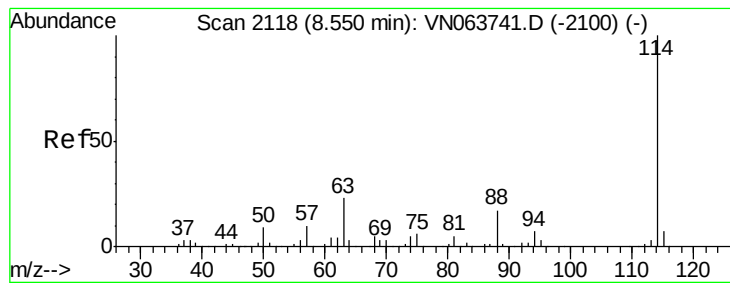
Tot Ion:	84	Resp:	12244
Ion	Ratio	Lower	Upper
84	100		
49	139.4	110.4	165.6
51	38.1	33.3	49.9
86	57.4	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 54.508 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063835.D
Acq: 2 Oct 2020 20:44

Tgt Ion:	65	Resp:	188955
Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#14

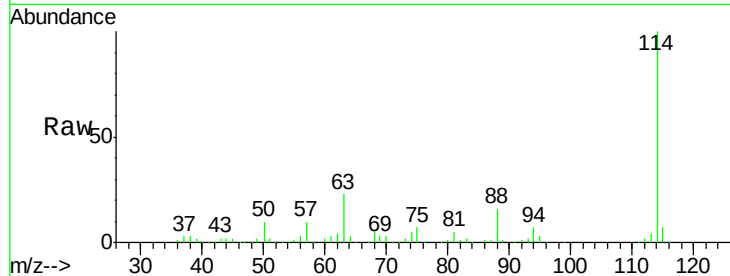
Tot Ion:114 Resp: 409691

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

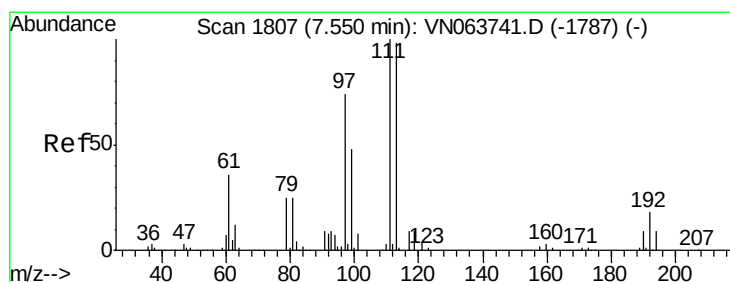
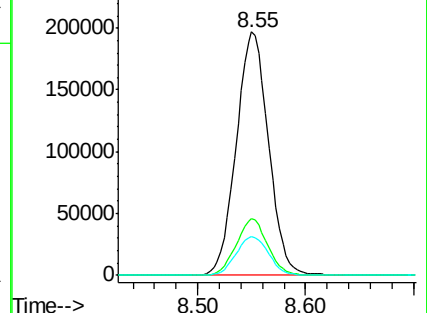
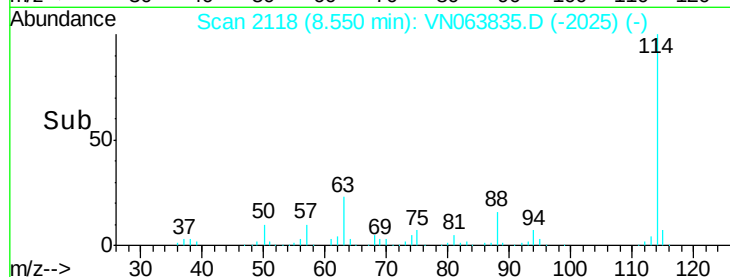
88 15.8 0.0 34.0



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: 47.141 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

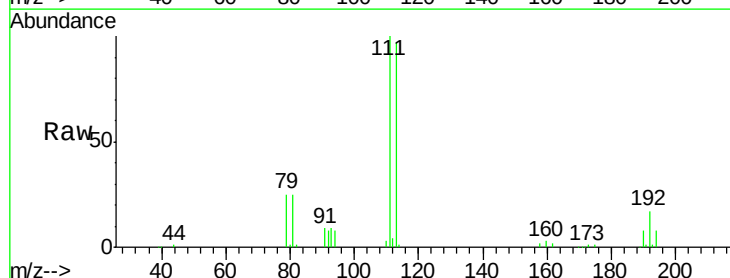
Tgt Ion:113 Resp: 134011

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

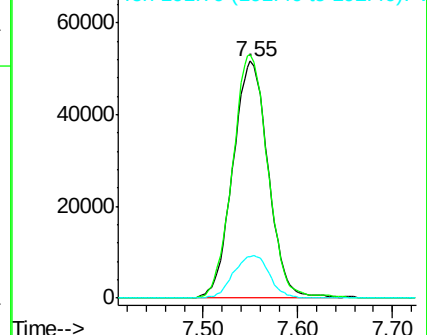
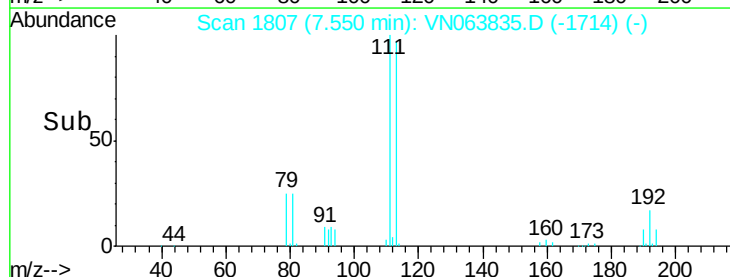
192 18.2 14.2 21.2

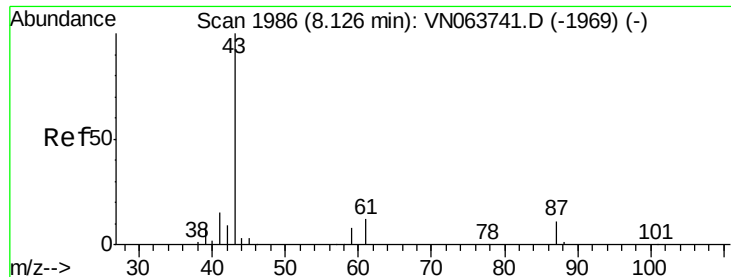


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.940 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#14

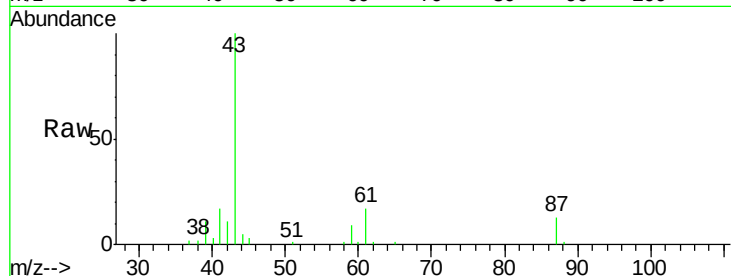
Tot Ion: 43 Resp: 74412

Ion Ratio Lower Upper

43 100

61 17.1 14.2 21.4

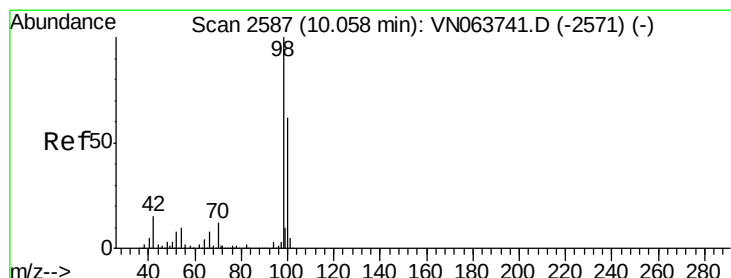
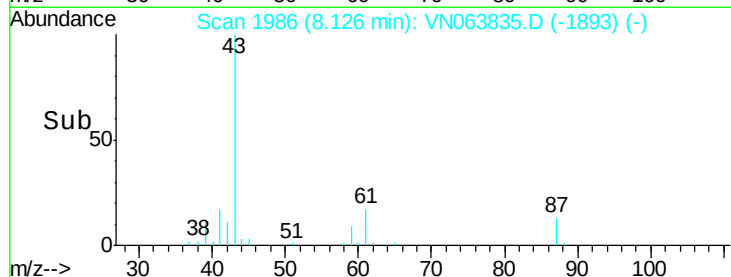
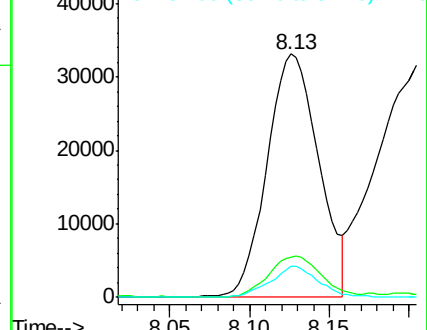
87 11.8 9.0 13.6



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: 47.529 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063835.D

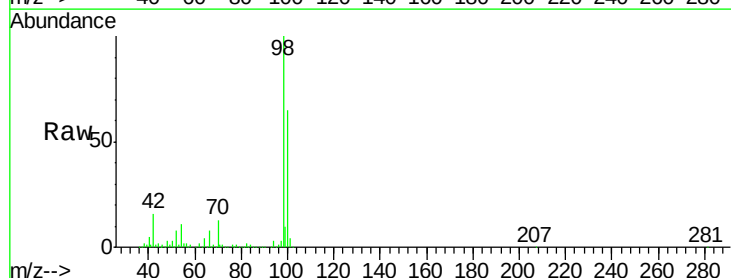
Acq: 2 Oct 2020 20:44

Tgt Ion: 98 Resp: 512202

Ion Ratio Lower Upper

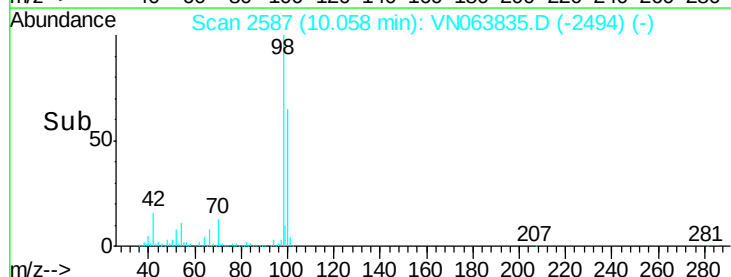
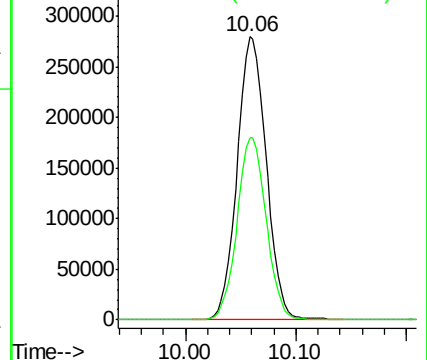
98 100

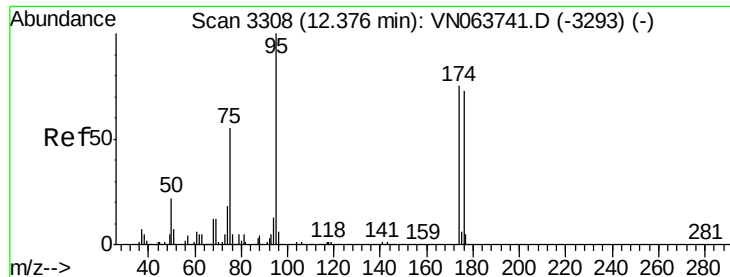
100 64.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.506 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#14

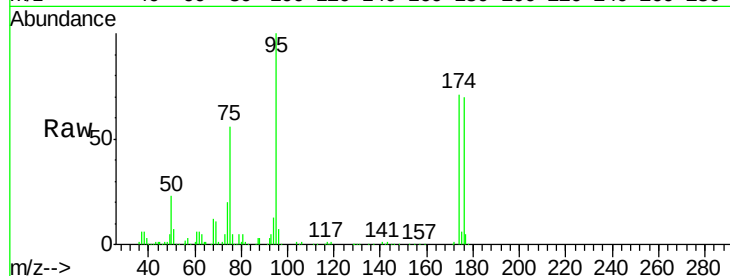
Tot Ion: 95 Resp: 204602

Ion Ratio Lower Upper

95 100

174 72.1 0.0 150.6

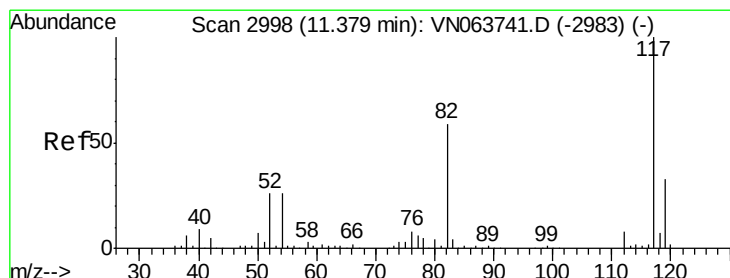
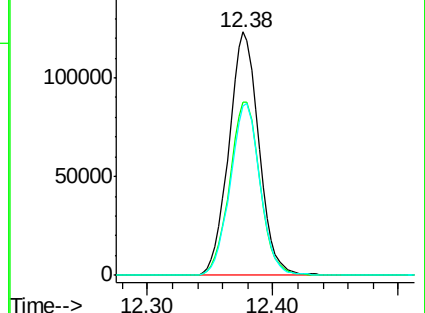
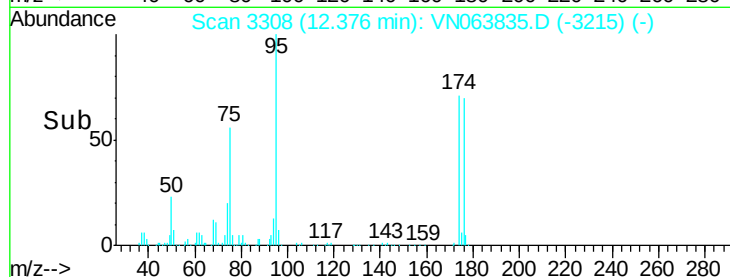
176 70.2 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063835.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063835.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063835.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

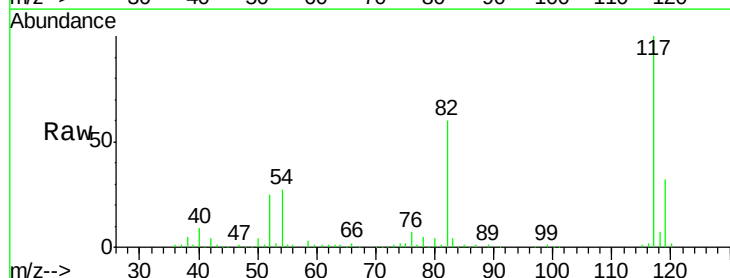
Tgt Ion: 117 Resp: 416277

Ion Ratio Lower Upper

117 100

82 60.1 47.4 71.2

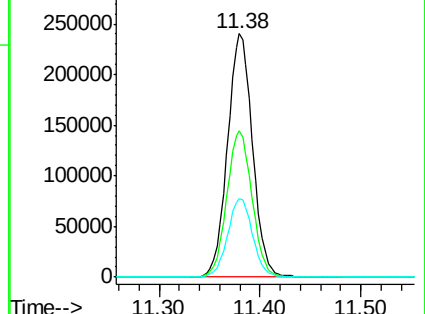
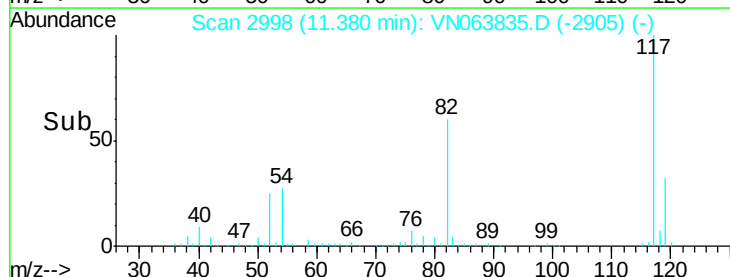
119 32.5 26.4 39.6

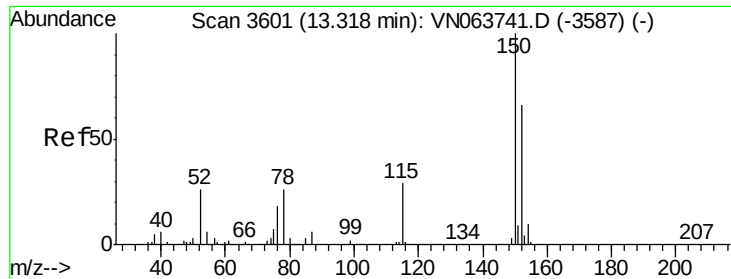


Abundance Ion 116.90 (116.60 to 117.60): VN063835.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063835.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063835.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063835.D

Acq: 2 Oct 2020 20:44

Instrument :

MSVOA_N

ClientSampleId :

PB132030ZHE#14

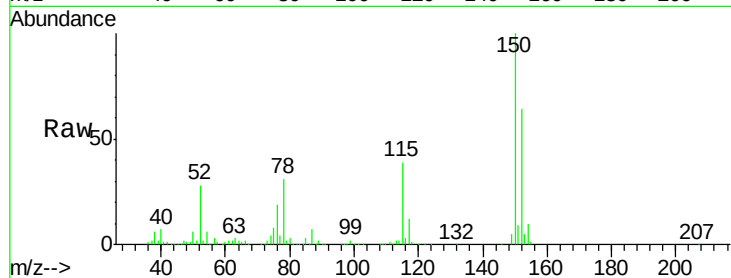
Tot Ion:152 Resp: 165094

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 157.4 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

