

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063213.D
 Acq On : 3 Sep 2020 12:24
 Operator : JC/MD
 Sample : PB131389TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131389TB

Quant Time: Sep 04 04:27:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

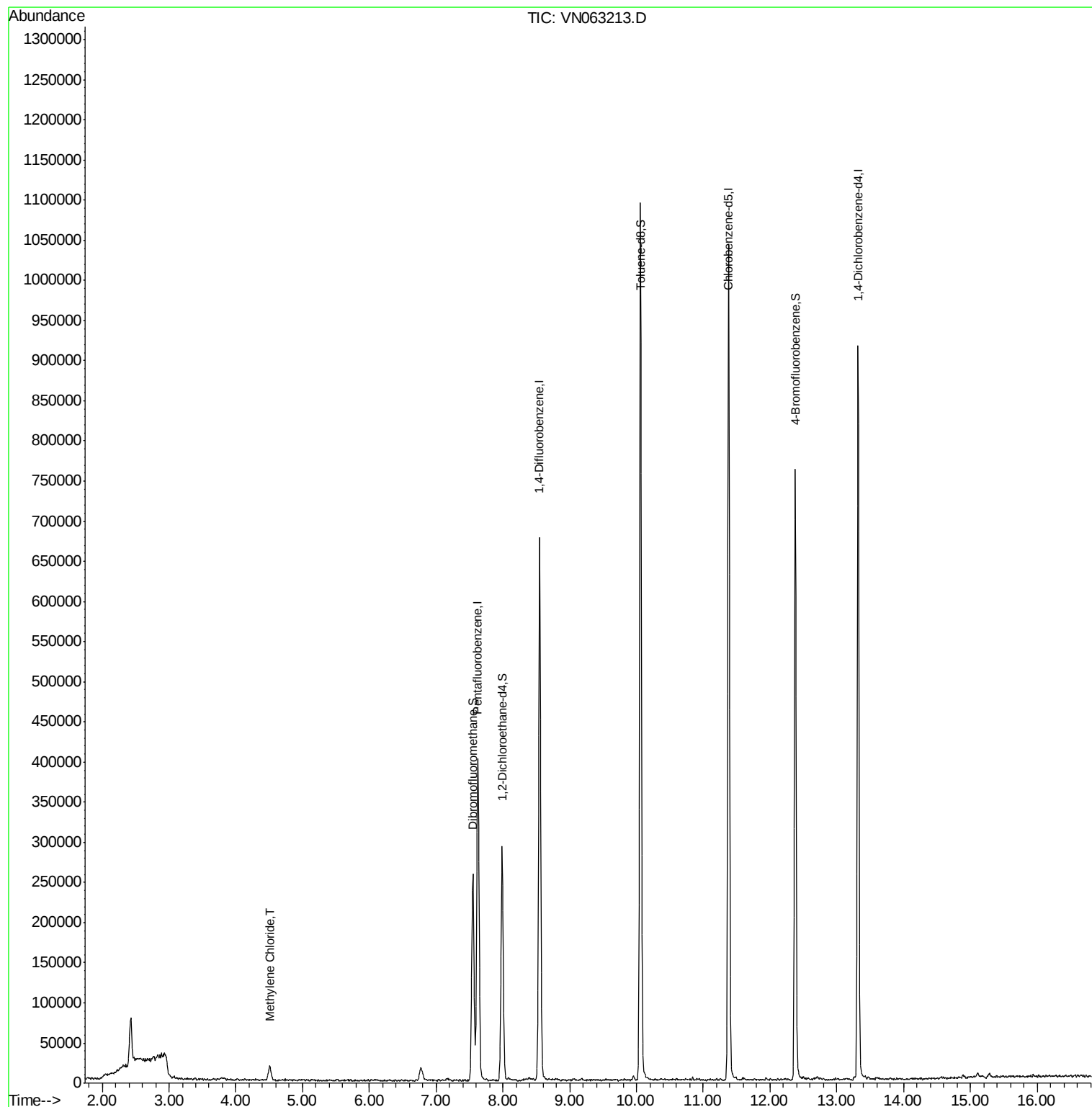
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	299413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	587605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	220147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	237890	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.55	113	185877	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.06	98	728540	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	251928	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
20) Methylene Chloride	4.50	84	11833	2.558	ug/l	Qvalue 95

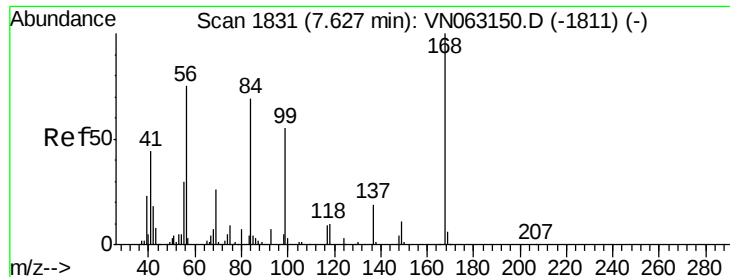
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
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: VN063213.D

Acq: 3 Sep 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

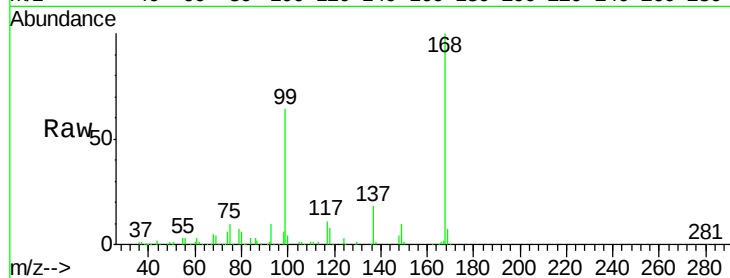
PB131389TB

Tot Ion:168 Resp: 299413

Ion Ratio Lower Upper

168 100

99 63.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

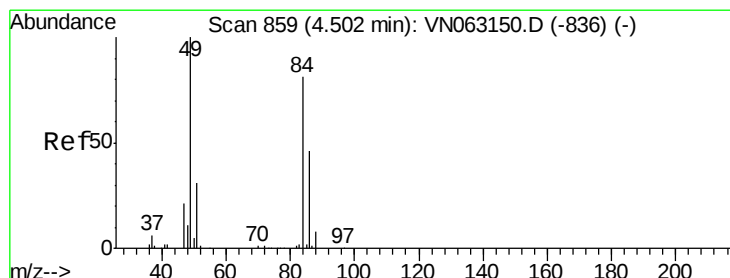
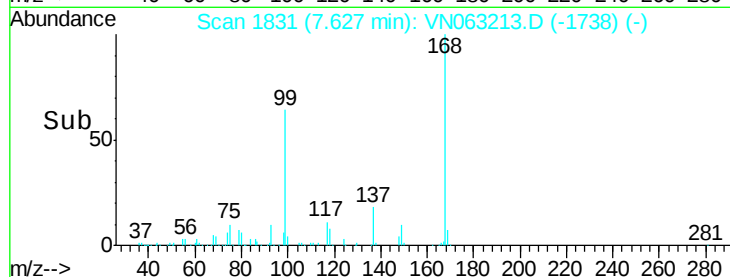
7.63

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.558 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN063213.D

Acq: 3 Sep 2020 12:24

Tgt Ion: 84 Resp: 11833

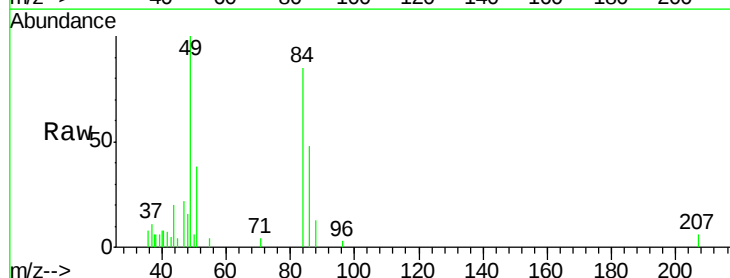
Ion Ratio Lower Upper

84 100

49 117.4 98.4 147.6

51 44.7 30.4 45.6

86 56.4 45.7 68.5



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

8000

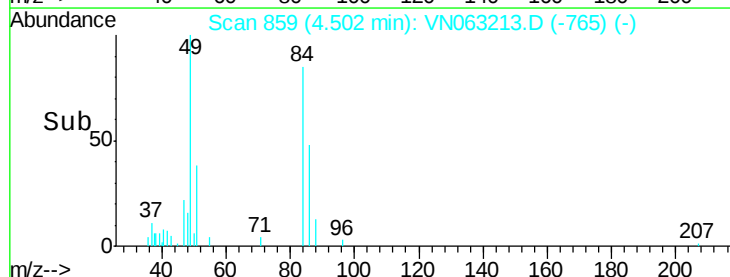
6000

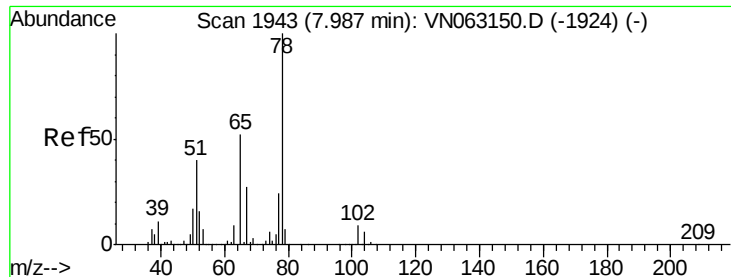
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.603 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063213.D

Acq: 3 Sep 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

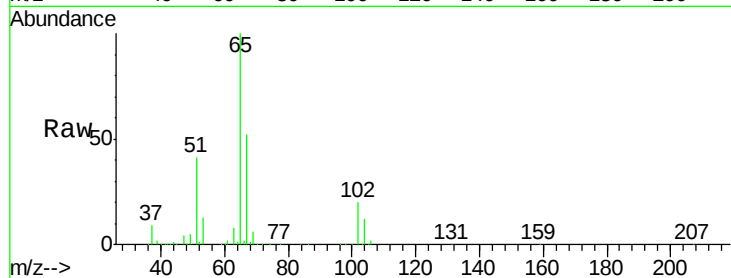
PB131389TB

Tot Ion: 65 Resp: 237890

Ion Ratio Lower Upper

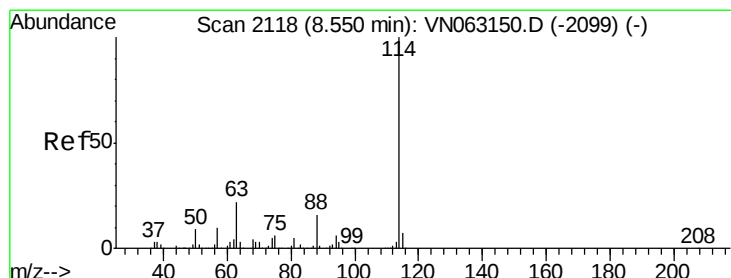
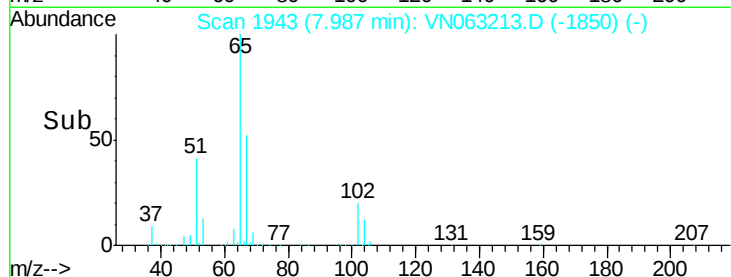
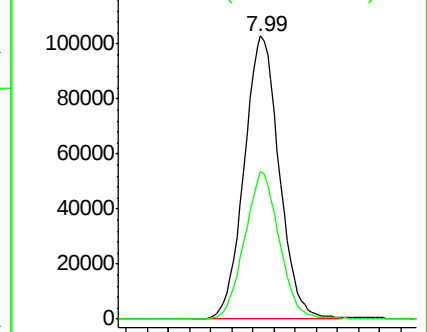
65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063213.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063213.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063213.D

Acq: 3 Sep 2020 12:24

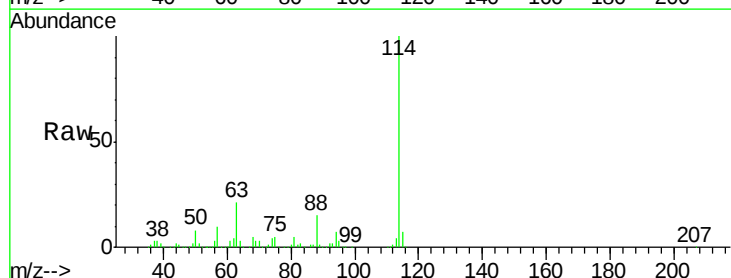
Tgt Ion: 114 Resp: 587605

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

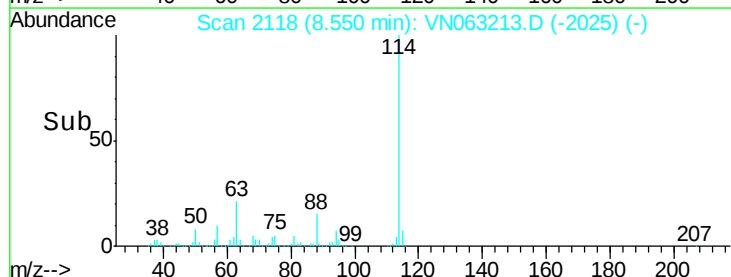
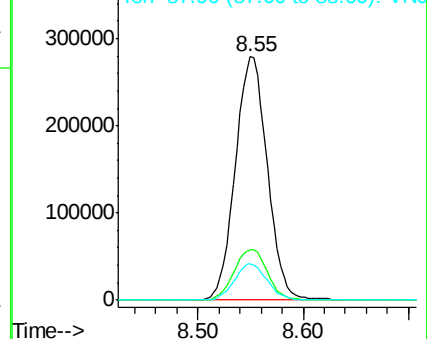
88 15.0 0.0 31.6

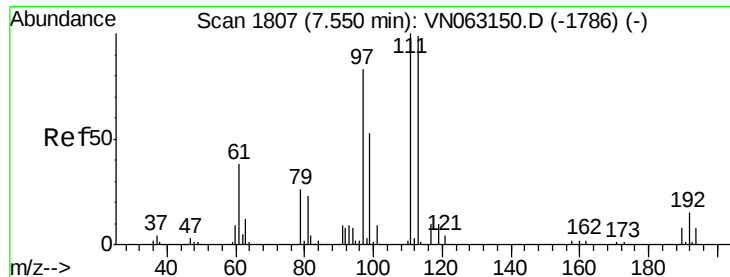


Abundance Ion 113.90 (113.60 to 114.60): VN063213.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063213.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063213.D (-2025) (-)

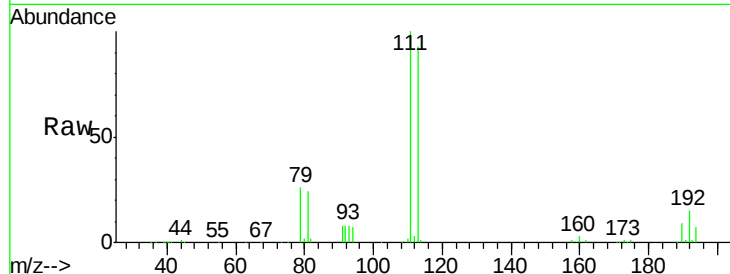




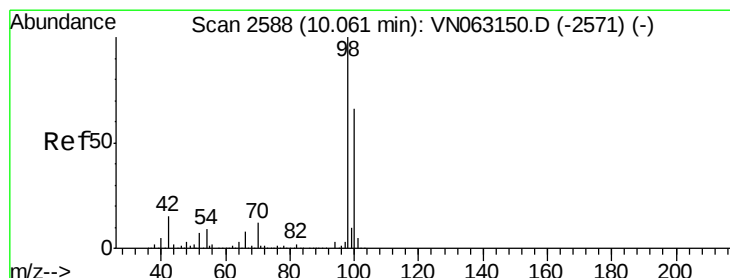
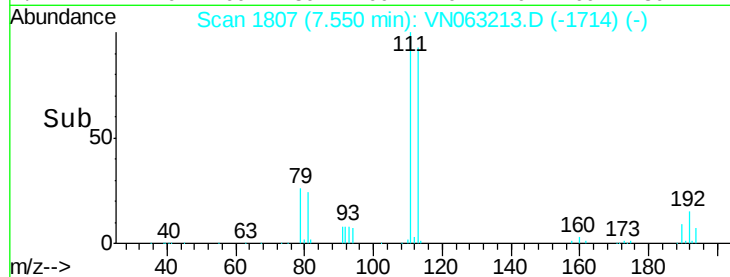
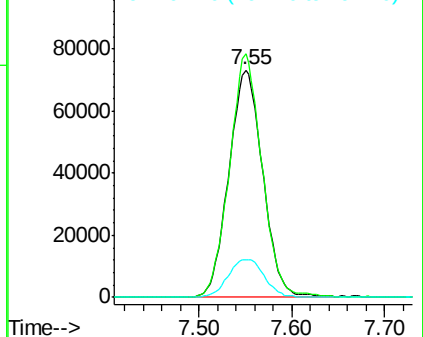
#35
Dibromofluoromethane
Concen: 49.307 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063213.D
Acq: 3 Sep 2020 12:24

Instrument :
MSVOA_N
ClientSampleId :
PB131389TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	17.9	12.6	19.0

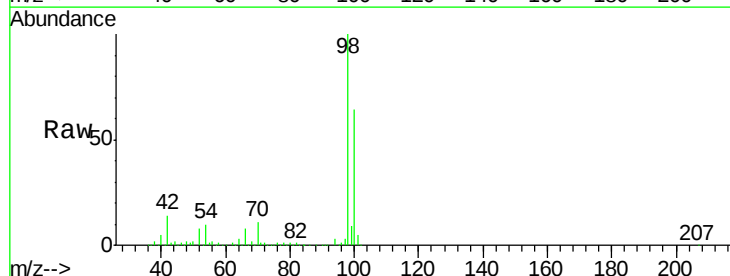


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

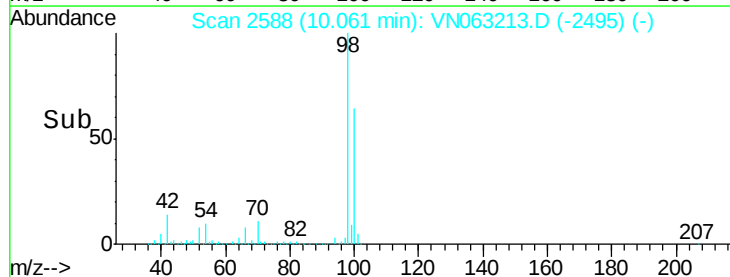
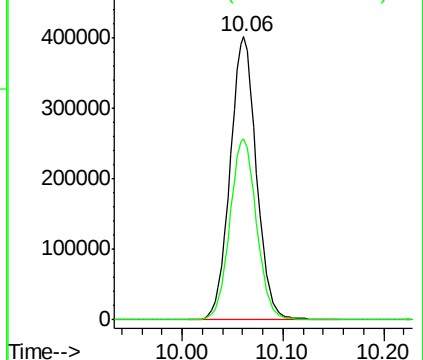


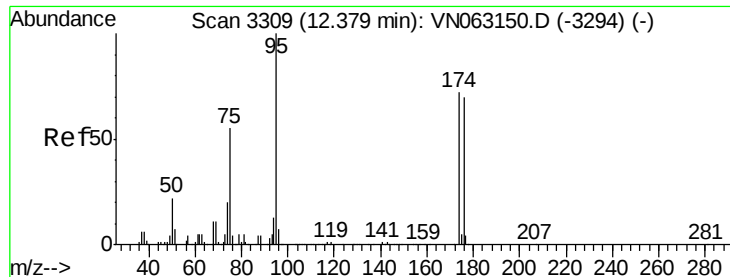
#50
Toluene-d8
Concen: 50.210 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063213.D
Acq: 3 Sep 2020 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.635 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.00 min

Lab File: VN063213.D

Acq: 3 Sep 2020 12:24

Instrument :

MSVOA_N

ClientSampled :

PB131389TB

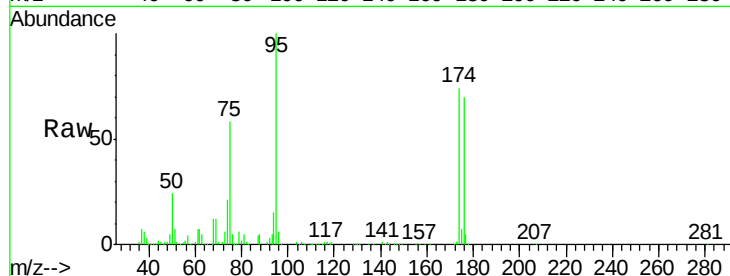
Tot Ion: 95 Resp: 251928

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.8

176 71.9 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063213.D (-3216) (-)

Ion 173.80 (173.50 to 174.50): VN063213.D (-3216) (-)

Ion 175.80 (175.50 to 176.50): VN063213.D (-3216) (-)

12.38

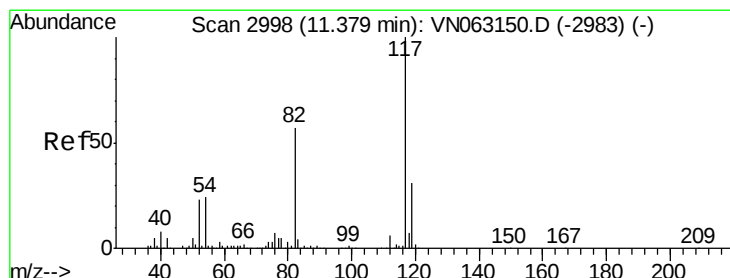
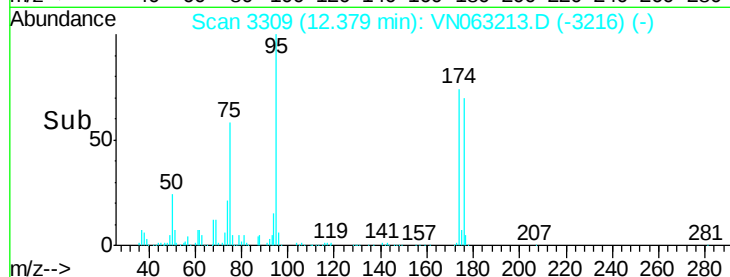
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063213.D

Acq: 3 Sep 2020 12:24

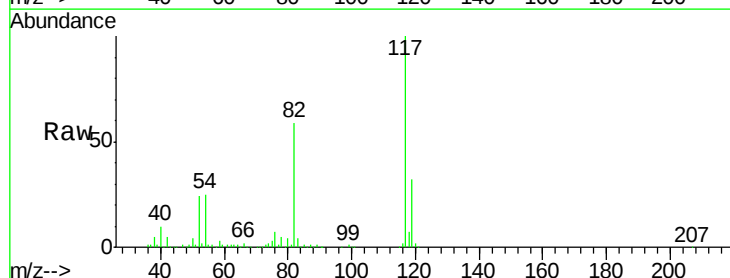
Tgt Ion: 117 Resp: 564921

Ion Ratio Lower Upper

117 100

82 58.8 45.4 68.0

119 32.4 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): VN063213.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063213.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063213.D (-2905) (-)

11.38

400000

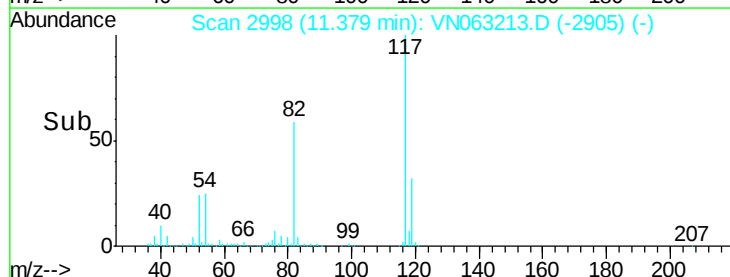
300000

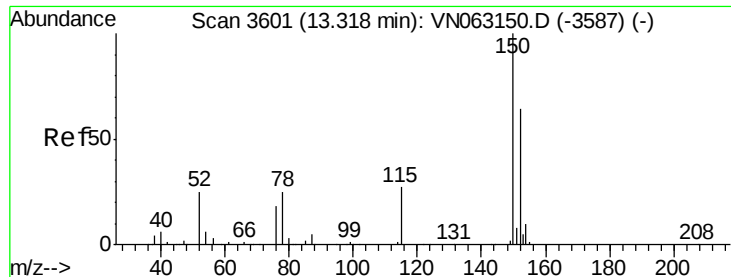
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063213.D

Acq: 3 Sep 2020 12:24

Instrument :

MSVOA_N

ClientSampleId :

PB131389TB

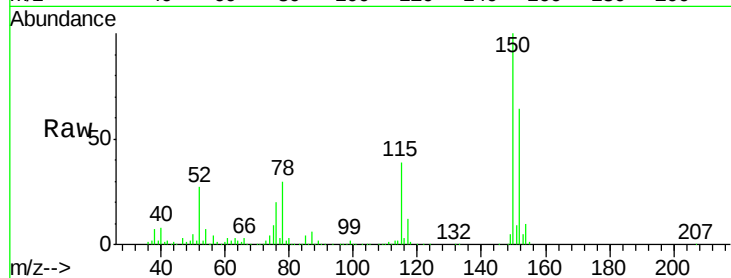
Tot Ion:152 Resp: 220147

Ion Ratio Lower Upper

152 100

115 64.5 32.0 96.2

150 159.8 0.0 353.0



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

