

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063324.D
 Acq On : 11 Sep 2020 19:06
 Operator : JC/MD
 Sample : L3988-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ194I-20200909

Quant Time: Sep 12 04:50:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

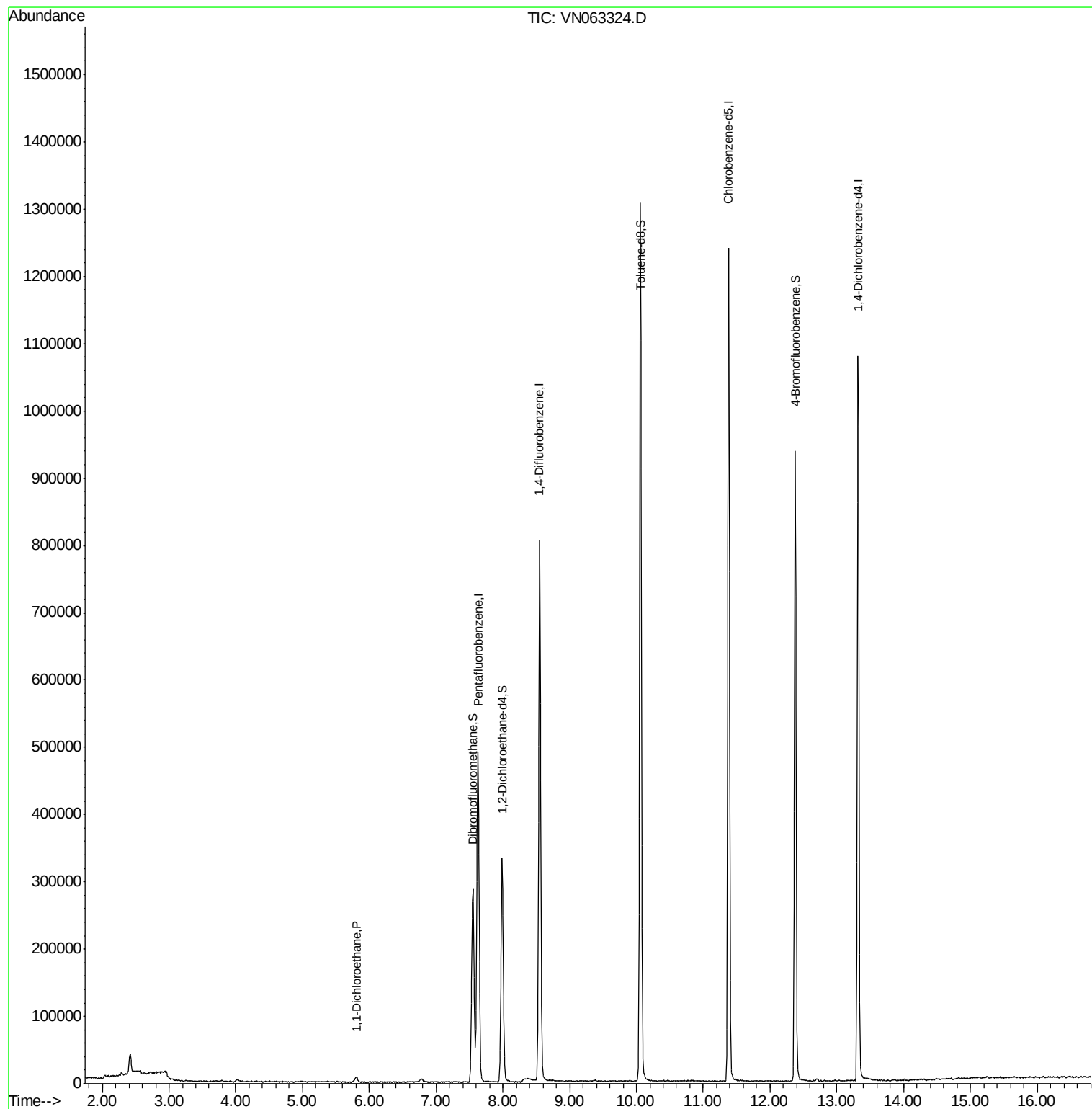
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	371499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	702828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	674287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	272742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	287550	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	224801	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.06	98	889031	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.38	95	327741	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
Target Compounds						
24) 1,1-Dichloroethane	5.80	63	11403	1.280	ug/l #	Qvalue 90

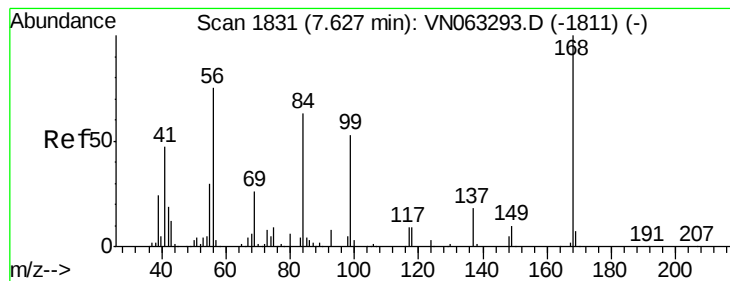
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091120\
Data File : VN063324.D
Acq On : 11 Sep 2020 19:06
Operator : JC/MD
Sample : L3988-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ194I-20200909

Quant Time: Sep 12 04:50:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 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: VN063324.D

Acq: 11 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

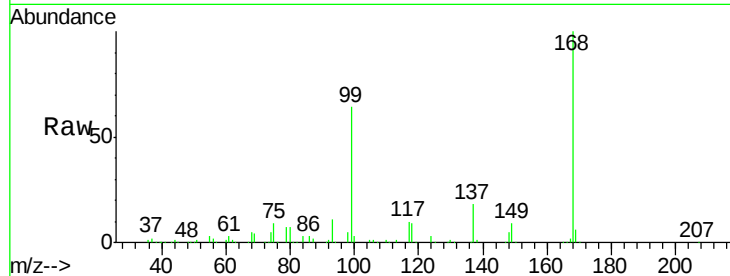
SA-PZ194I-20200909

Tot Ion:168 Resp: 371499

Ion Ratio Lower Upper

168 100

99 63.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

150000

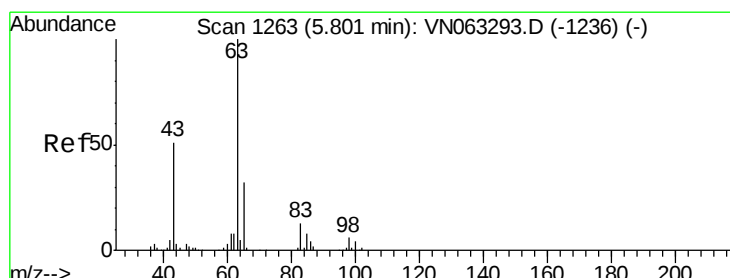
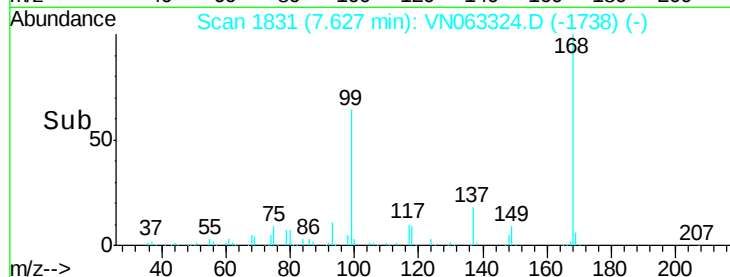
100000

50000

0

7.55 7.60 7.65 7.70

Time-->



#24

1,1-Dichloroethane

Concen: 1.280 ug/l

RT: 5.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN063324.D

Acq: 11 Sep 2020 19:06

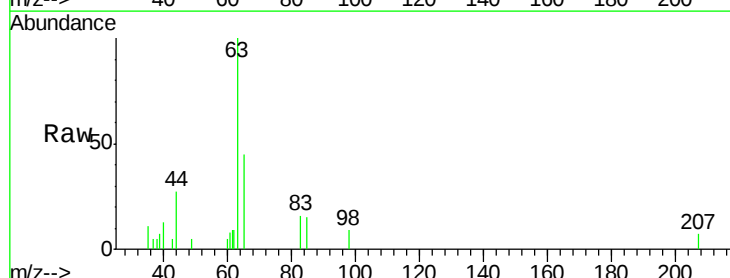
Tgt Ion: 63 Resp: 11403

Ion Ratio Lower Upper

63 100

98 9.2 3.1 9.3

100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN

5.80

4000

3000

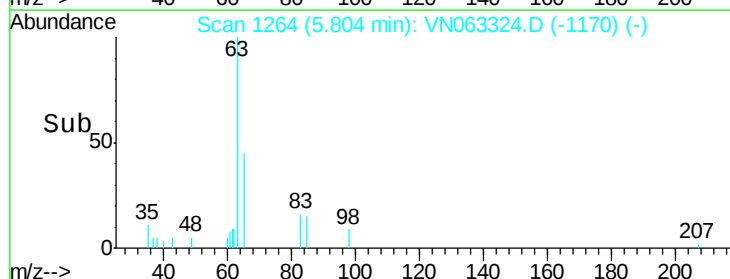
2000

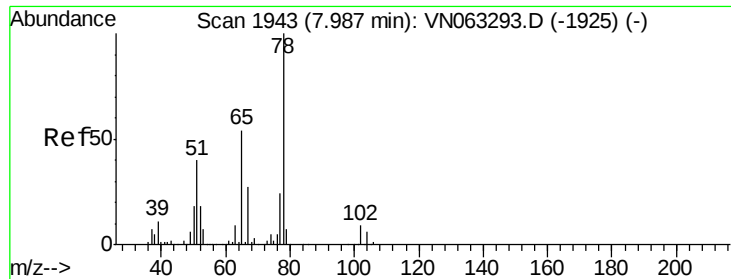
1000

0

5.70 5.75 5.80 5.85 5.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.265 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063324.D

Acq: 11 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

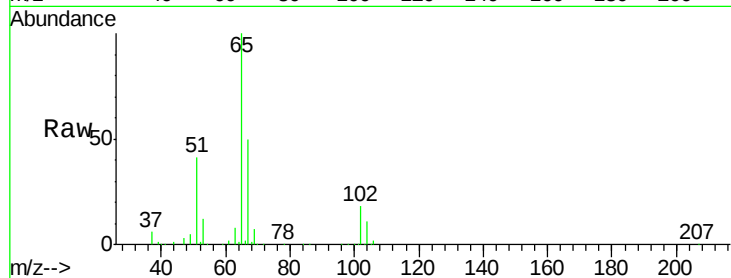
SA-PZ194I-20200909

Tot Ion: 65 Resp: 287550

Ion Ratio Lower Upper

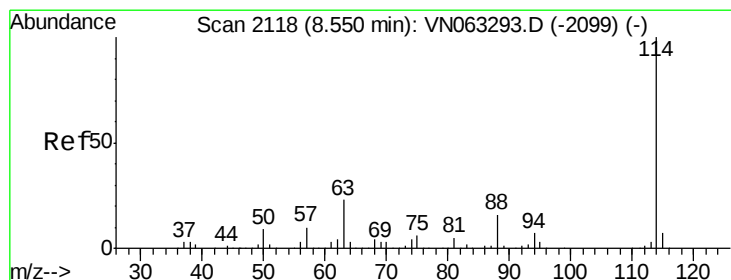
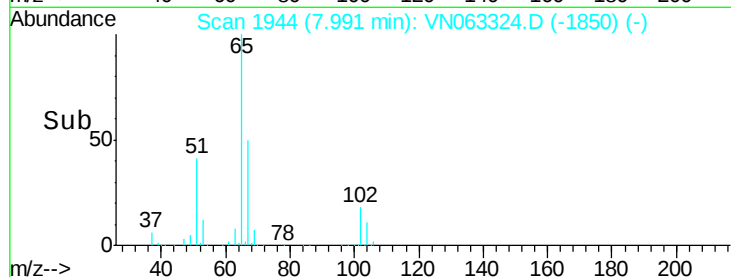
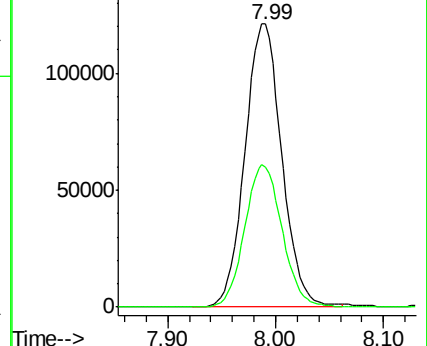
65 100

67 51.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063324.D

Acq: 11 Sep 2020 19:06

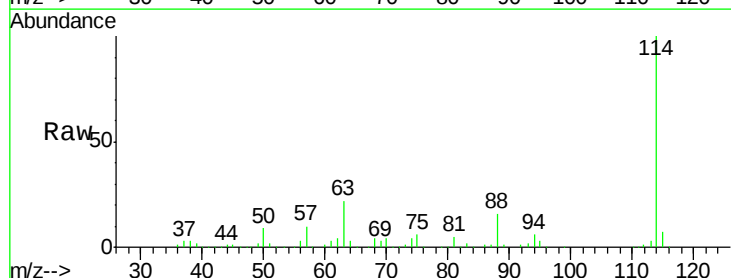
Tgt Ion: 114 Resp: 702828

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.0

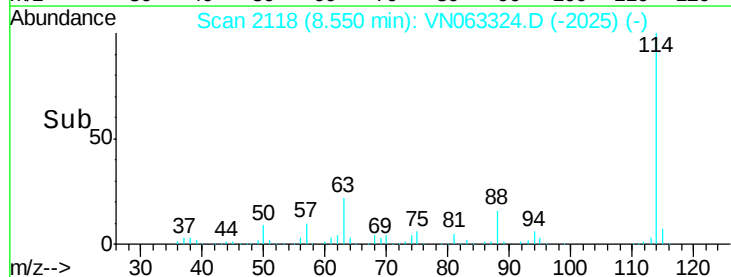
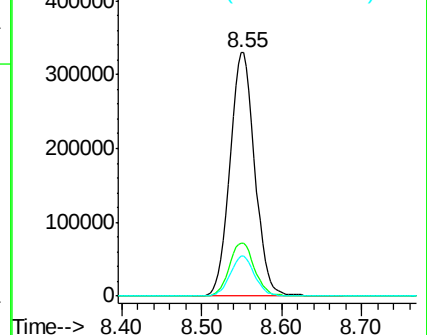
88 16.4 0.0 32.8

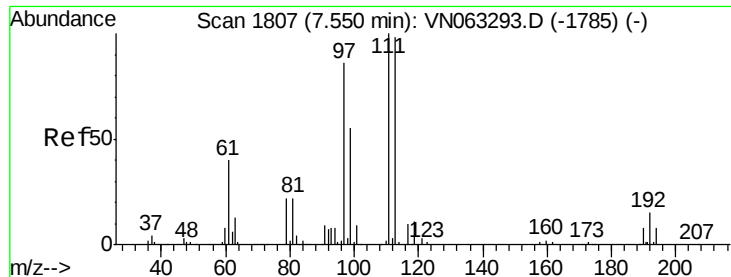


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

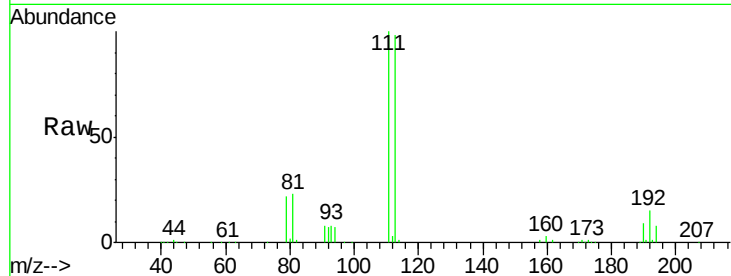




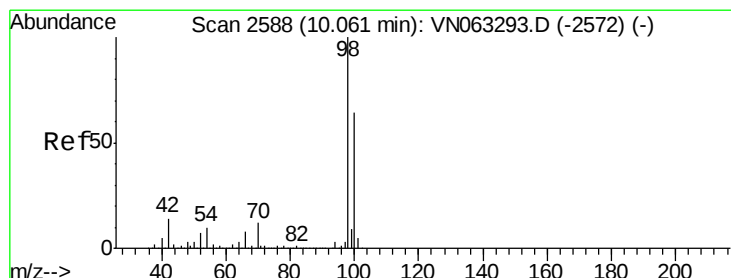
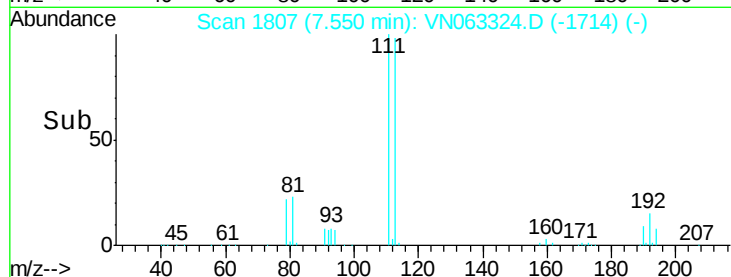
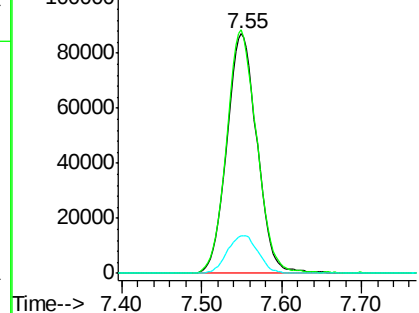
#35
 Dibromofluoromethane
 Concen: 49.580 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063324.D
 Acq: 11 Sep 2020 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ194I-20200909

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	16.1	12.9	19.3

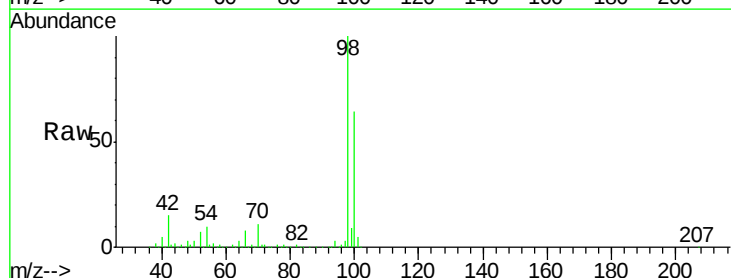


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

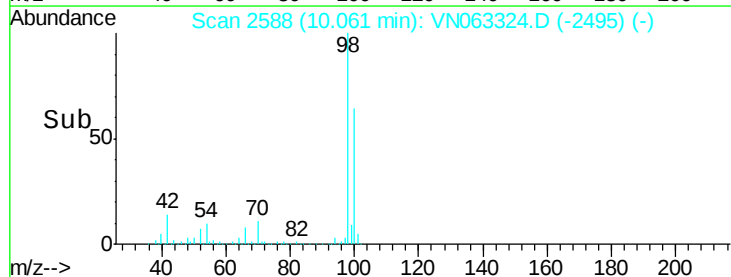
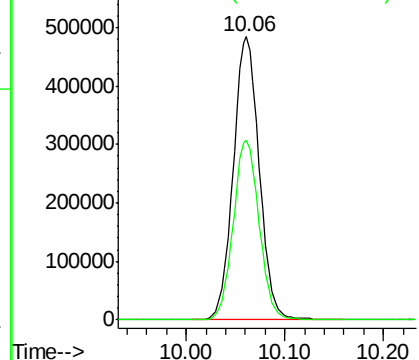


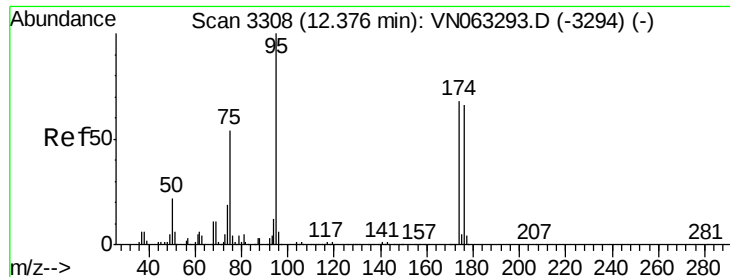
#50
 Toluene-d8
 Concen: 51.165 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063324.D
 Acq: 11 Sep 2020 19:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1



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





#62

4-Bromofluorobenzene

Concen: 51.068 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063324.D

Acq: 11 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ194I-20200909

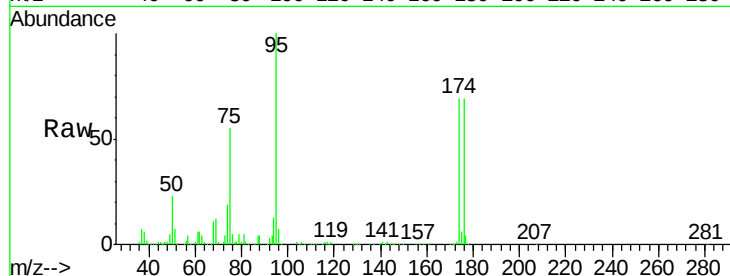
Tot Ion: 95 Resp: 327741

Ion Ratio Lower Upper

95 100

174 70.0 0.0 136.6

176 69.1 0.0 132.8



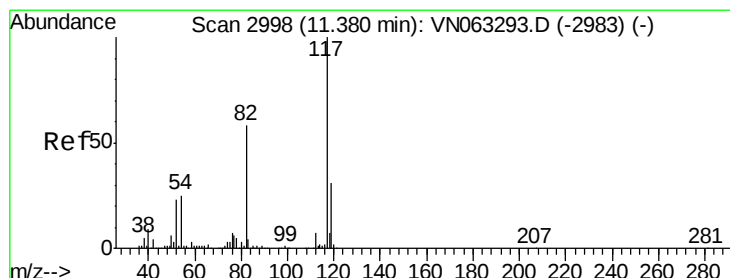
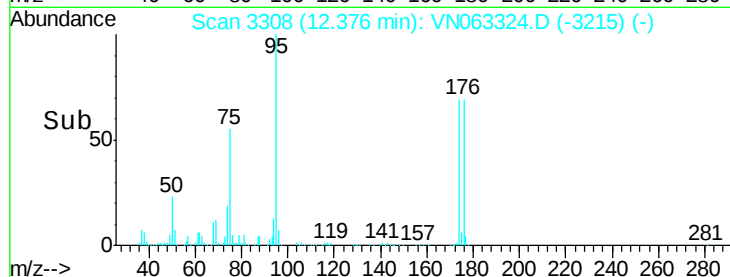
Abundance Ion 94.90 (94.60 to 95.60): VN063324.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063324.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063324.D (-3215) (-)

12.38

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063324.D

Acq: 11 Sep 2020 19:06

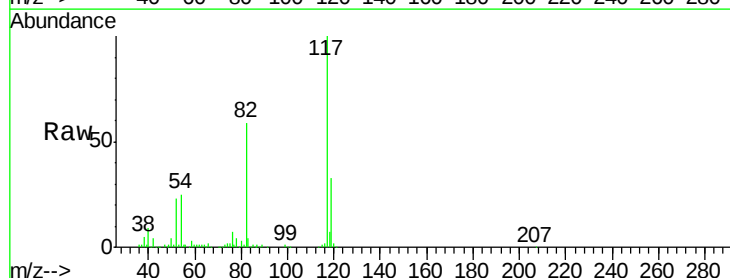
Tgt Ion: 117 Resp: 674287

Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

119 32.7 24.8 37.2



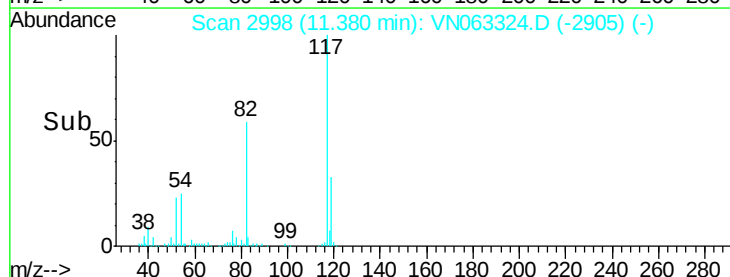
Abundance Ion 116.90 (116.60 to 117.60): VN063324.D (-2905) (-)

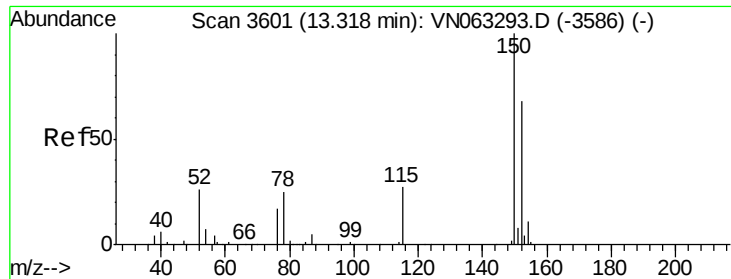
Ion 82.00 (81.70 to 82.70): VN063324.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063324.D (-2905) (-)

11.38

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: VN063324.D

Acq: 11 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ194I-20200909

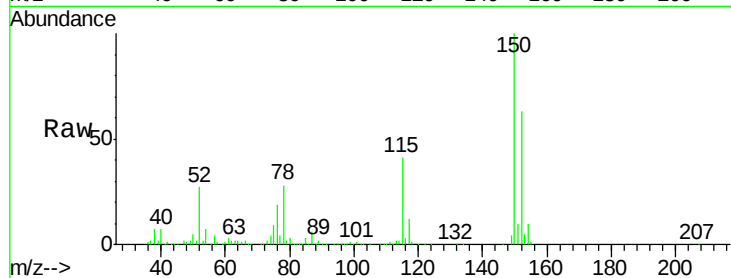
Tot Ion:152 Resp: 272742

Ion Ratio Lower Upper

152 100

115 65.0 31.5 94.5

150 157.4 0.0 344.0



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

