

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063323.D
 Acq On : 11 Sep 2020 18:42
 Operator : JC/MD
 Sample : L3988-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ187I-20200909

Quant Time: Sep 12 04:47:35 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

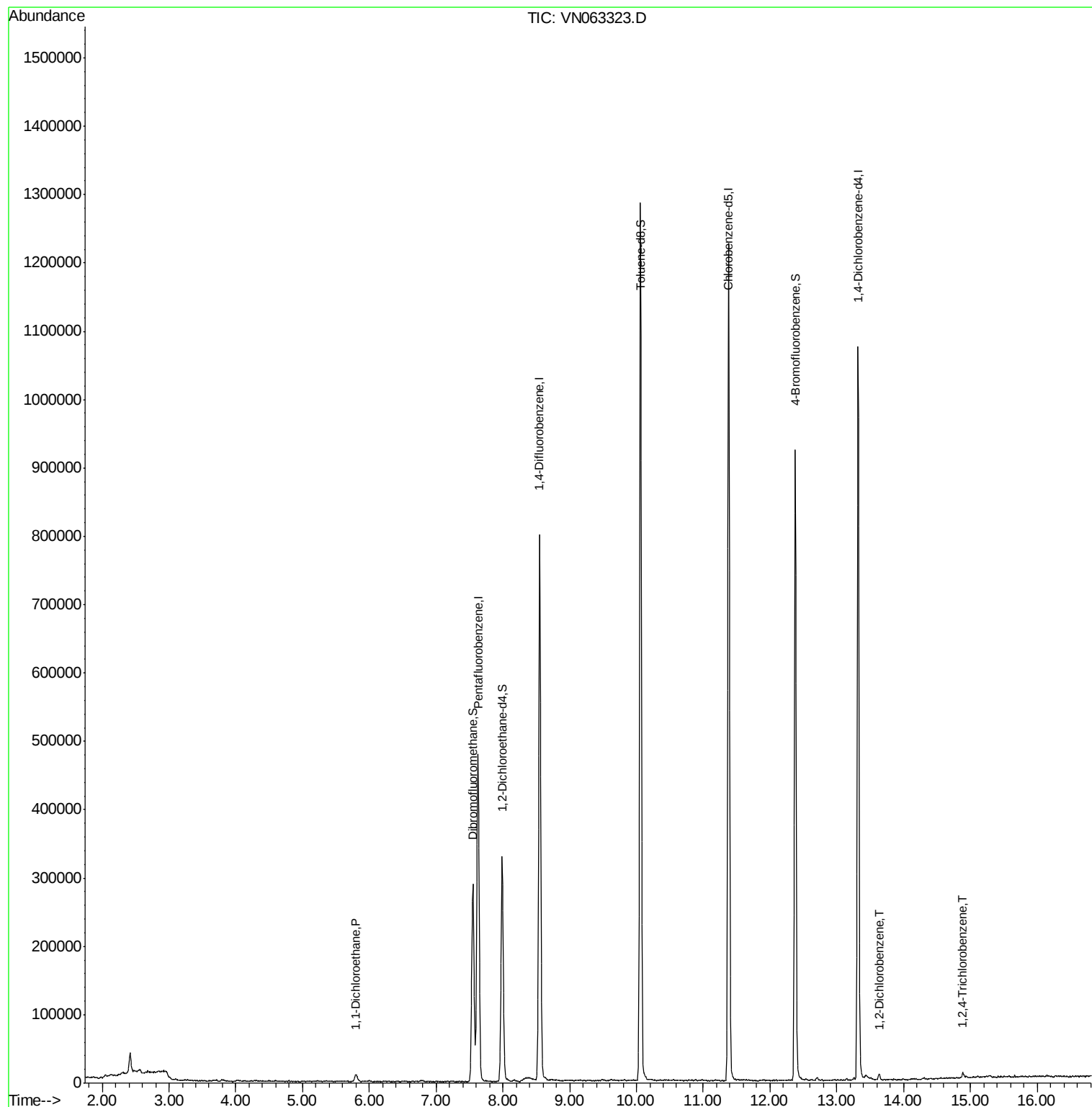
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	364439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	683901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	663818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	267995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	280779	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	7.55	113	217188	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.06	98	874601	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	323033	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
Target Compounds						
24) 1,1-Dichloroethane	5.80	63	13927	1.594	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	2404	0.268	ug/l	95
93) 1,2,4-Trichlorobenzene	14.89	180	2366	0.450	ug/l	91

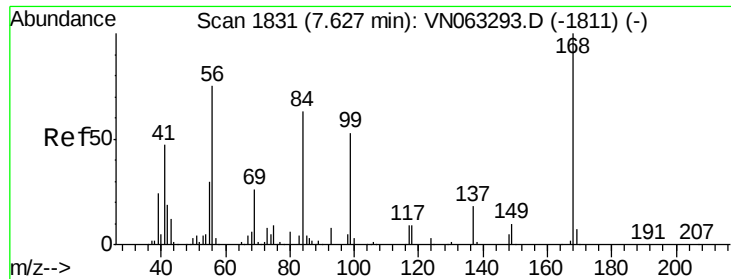
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063323.D

Acq: 11 Sep 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

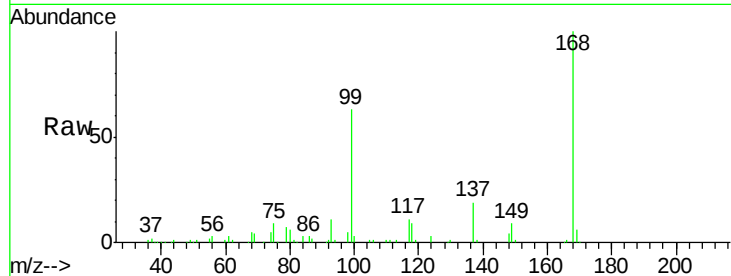
SA-PZ187I-20200909

Tot Ion:168 Resp: 364439

Ion Ratio Lower Upper

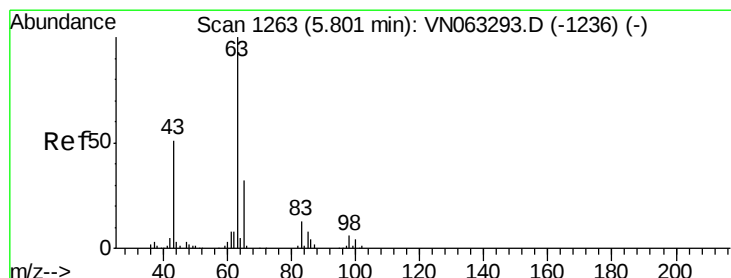
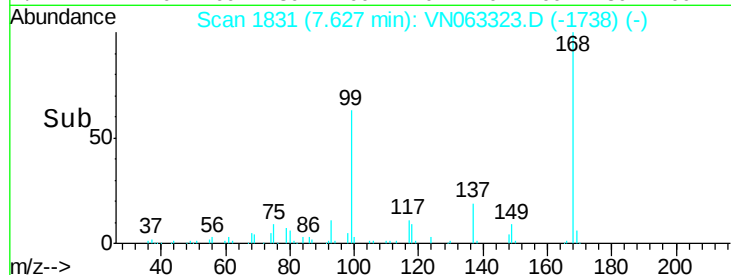
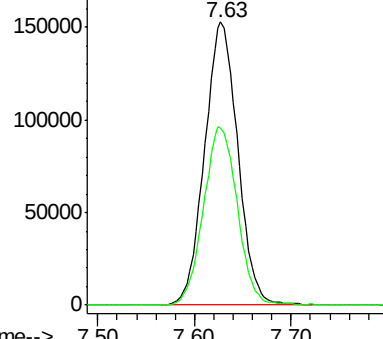
168 100

99 62.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#24

1,1-Dichloroethane

Concen: 1.594 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063323.D

Acq: 11 Sep 2020 18:42

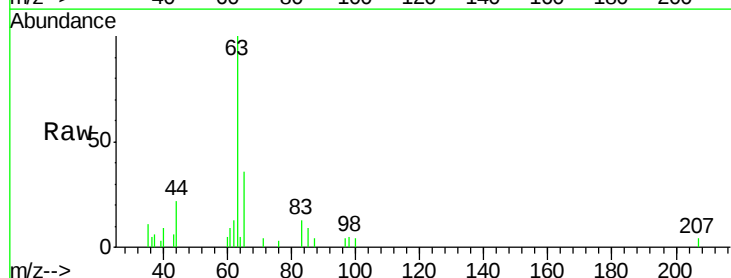
Tgt Ion: 63 Resp: 13927

Ion Ratio Lower Upper

63 100

98 5.1 3.1 9.3

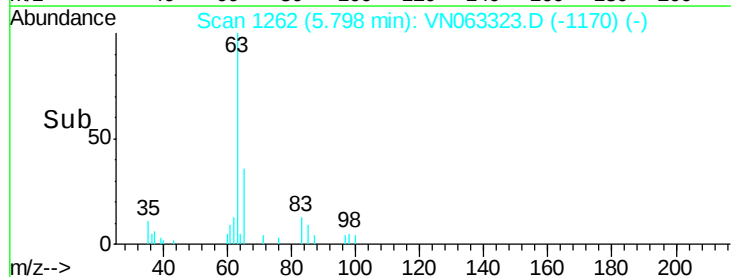
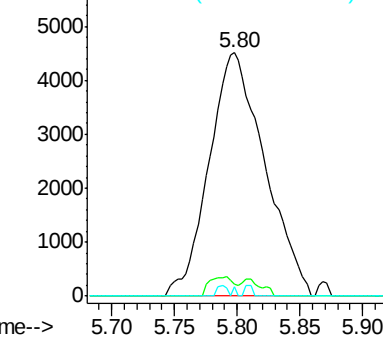
100 3.7 2.0 6.0

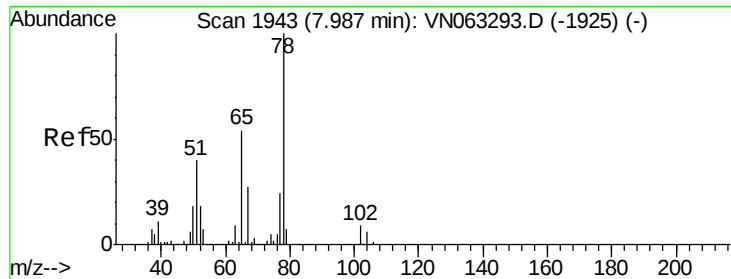


Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN





#33

1,2-Dichloroethane-d4

Concen: 49.037 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063323.D

Acq: 11 Sep 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

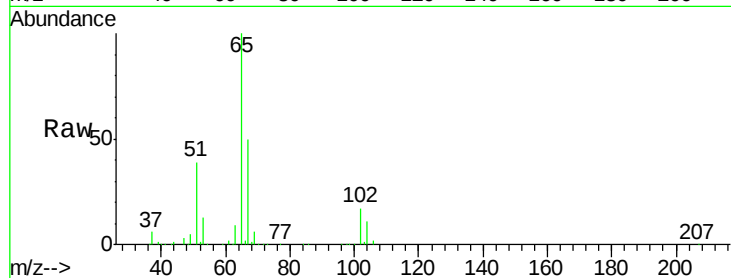
SA-PZ187I-20200909

Tot Ion: 65 Resp: 280779

Ion Ratio Lower Upper

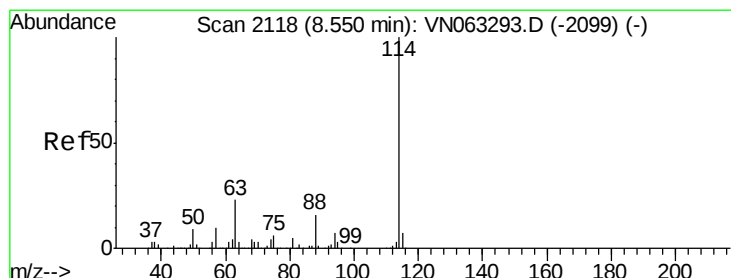
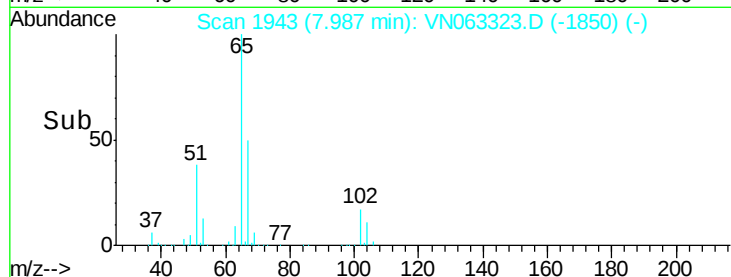
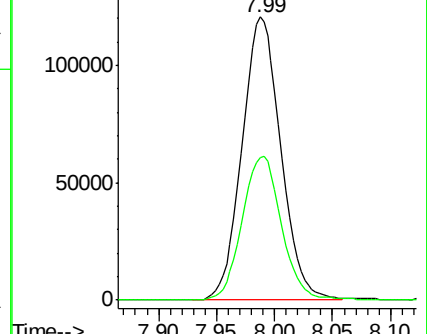
65 100

67 51.8 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: VN063323.D

Acq: 11 Sep 2020 18:42

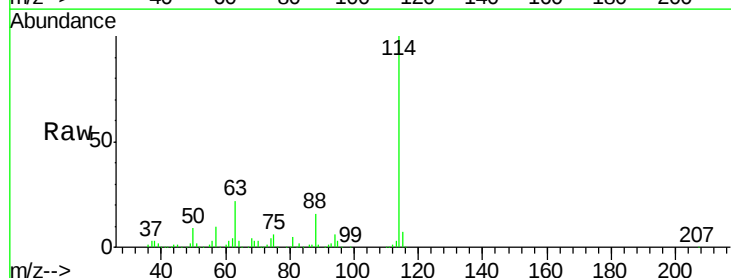
Tgt Ion: 114 Resp: 683901

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.0

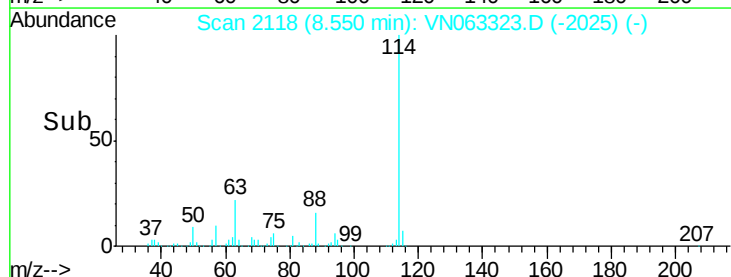
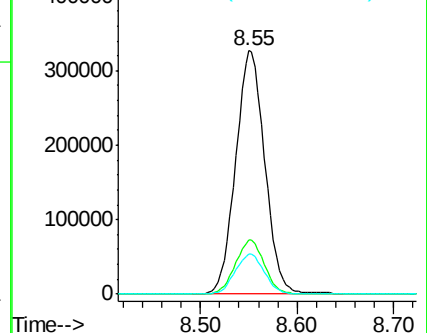
88 16.2 0.0 32.8

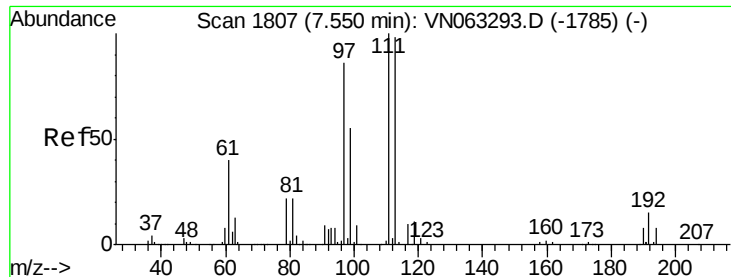


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

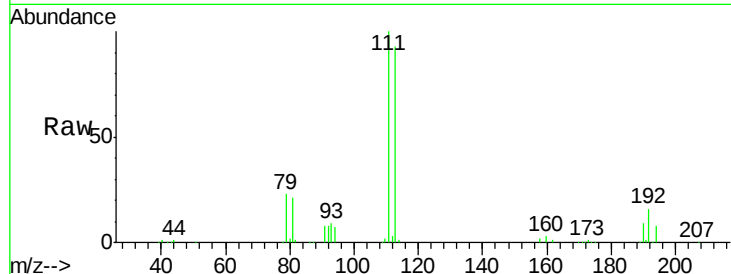




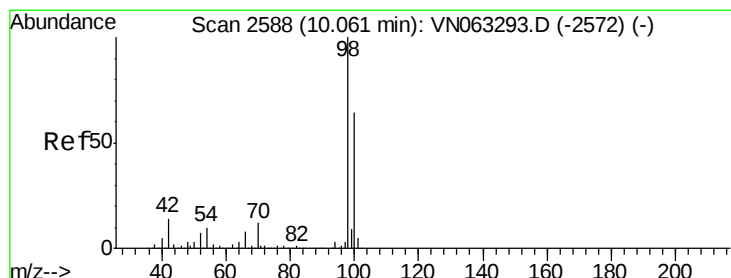
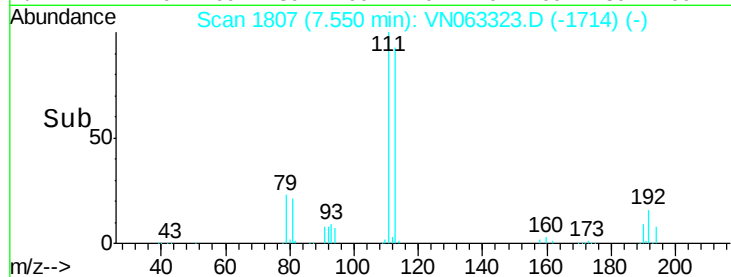
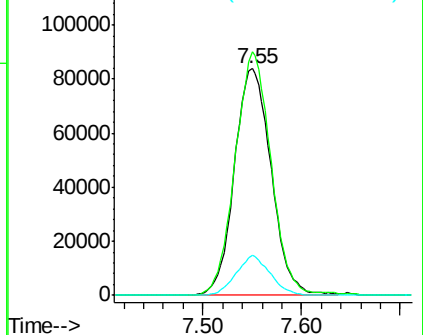
#35
 Dibromofluoromethane
 Concen: 49.226 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063323.D
 Acq: 11 Sep 2020 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ1871-20200909

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.2
192	16.3	12.9	19.3

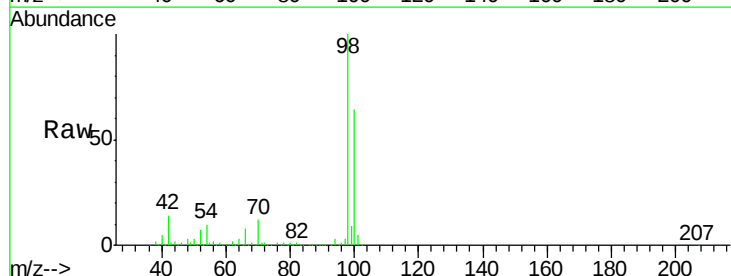


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

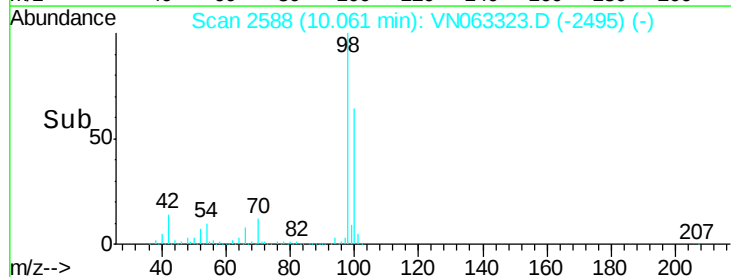
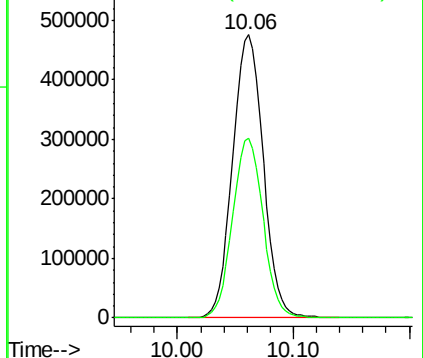


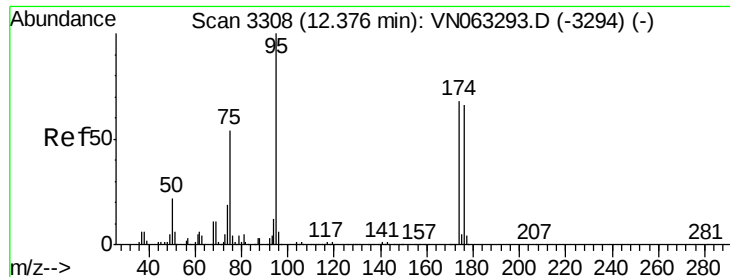
#50
 Toluene-d8
 Concen: 51.727 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063323.D
 Acq: 11 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	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: 51.727 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063323.D

Acq: 11 Sep 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ187I-20200909

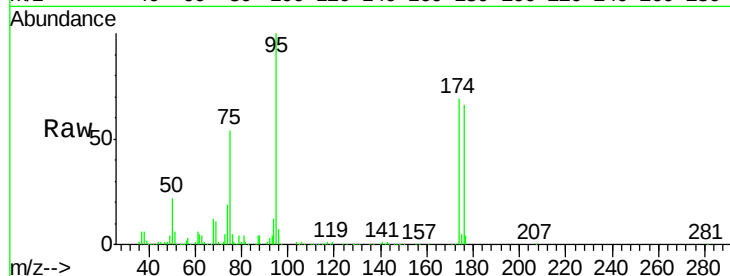
Tot Ion: 95 Resp: 323033

Ion Ratio Lower Upper

95 100

174 69.7 0.0 136.6

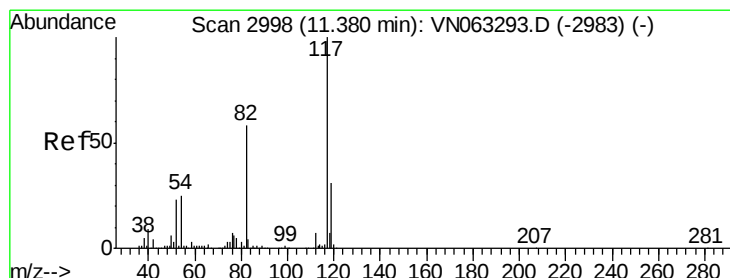
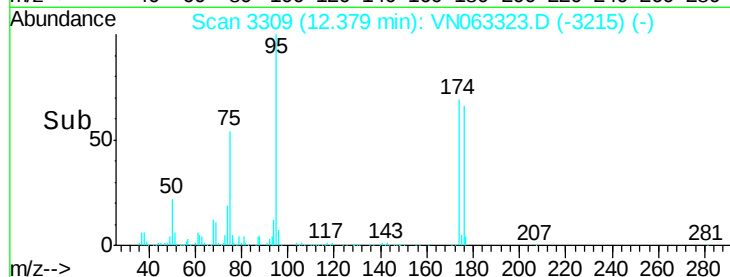
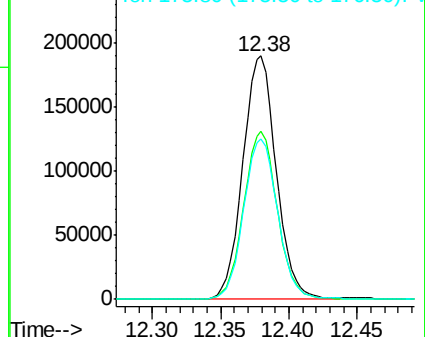
176 67.4 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN063323.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063323.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063323.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063323.D

Acq: 11 Sep 2020 18:42

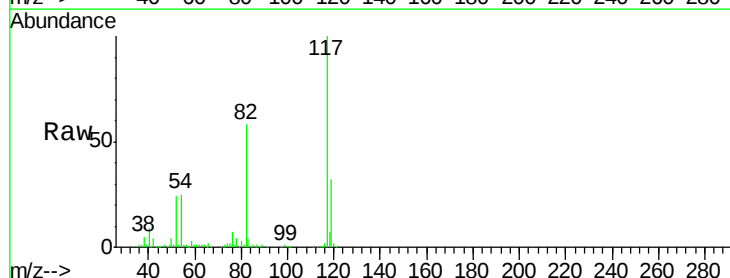
Tgt Ion: 117 Resp: 663818

Ion Ratio Lower Upper

117 100

82 58.2 46.4 69.6

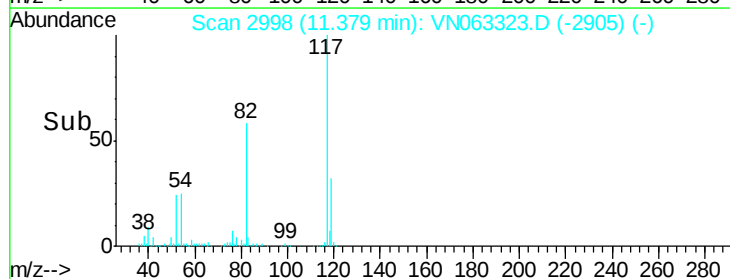
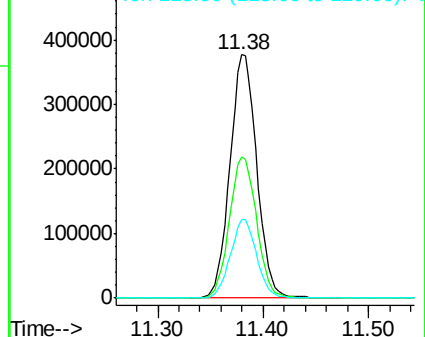
119 32.1 24.8 37.2

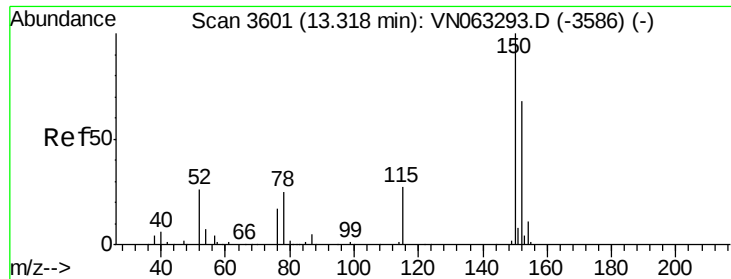


Abundance Ion 116.90 (116.60 to 117.60): VN063323.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063323.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063323.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063323.D

Acq: 11 Sep 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ1871-20200909

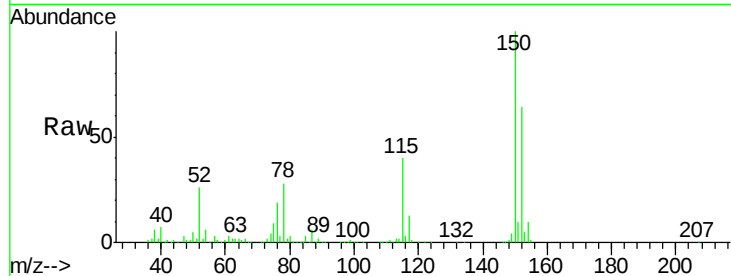
Tot Ion:152 Resp: 267995

Ion Ratio Lower Upper

152 100

115 63.0 31.5 94.5

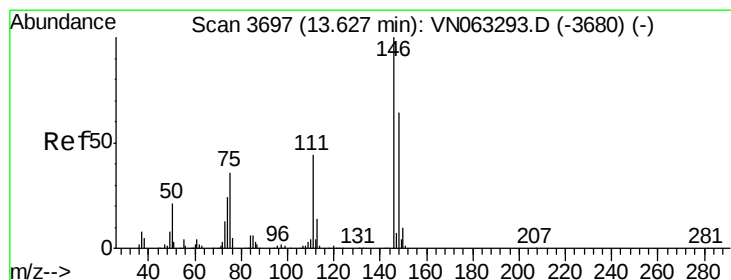
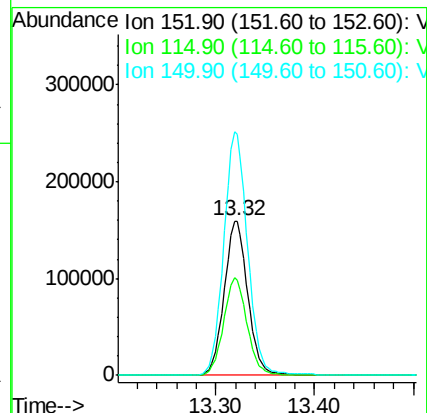
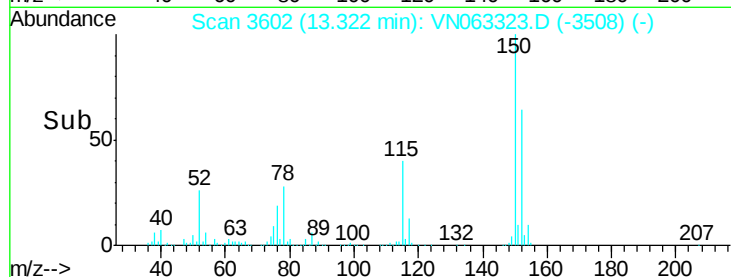
150 159.6 0.0 344.0



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



#91

1,2-Dichlorobenzene

Concen: 0.268 ug/l

RT: 13.63 min Scan# 3699

Delta R.T. 0.01 min

Lab File: VN063323.D

Acq: 11 Sep 2020 18:42

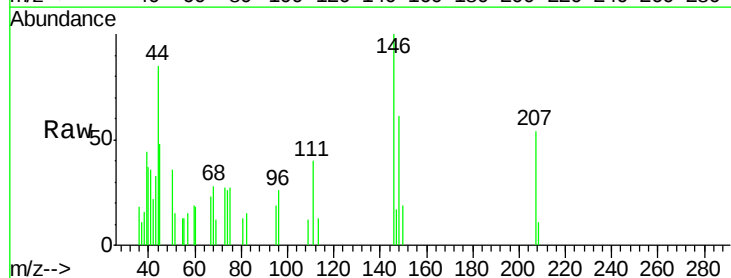
Tgt Ion:146 Resp: 2404

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.5

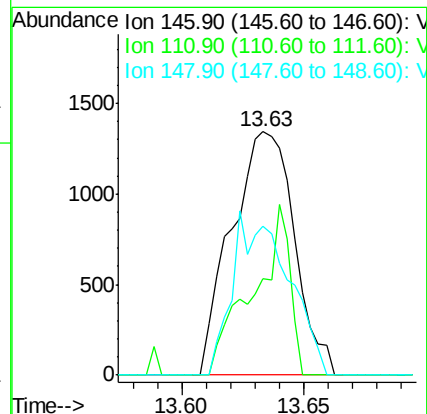
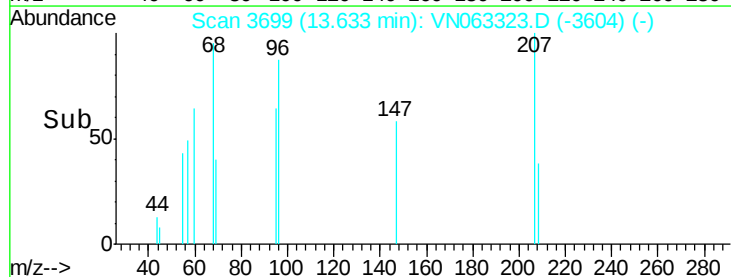
148 58.9 31.8 95.3

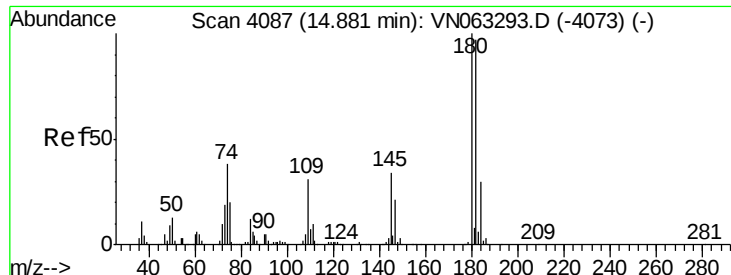


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

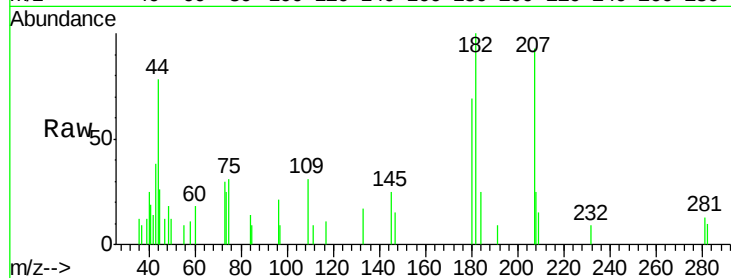




#93
 1,2,4-Trichlorobenzene
 Concen: 0.450 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063323.D
 Acq: 11 Sep 2020 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ187I-20200909

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.9	48.0	144.2
145	27.1	16.6	49.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

