

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063320.D
 Acq On : 11 Sep 2020 17:30
 Operator : JC/MD
 Sample : L3988-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ192I-20200909

Manual Integrations
 APPROVED

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 9/14/2020 12:08:27 PM

Quant Time: Sep 14 01:58:56 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	380179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	717186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	691497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	278132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	290761	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.55	113	225299	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.06	98	902338	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.38	95	335210	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	2285m	0.548	ug/l	
24) 1,1-Dichloroethane	5.80	63	43782	4.804	ug/l	96

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

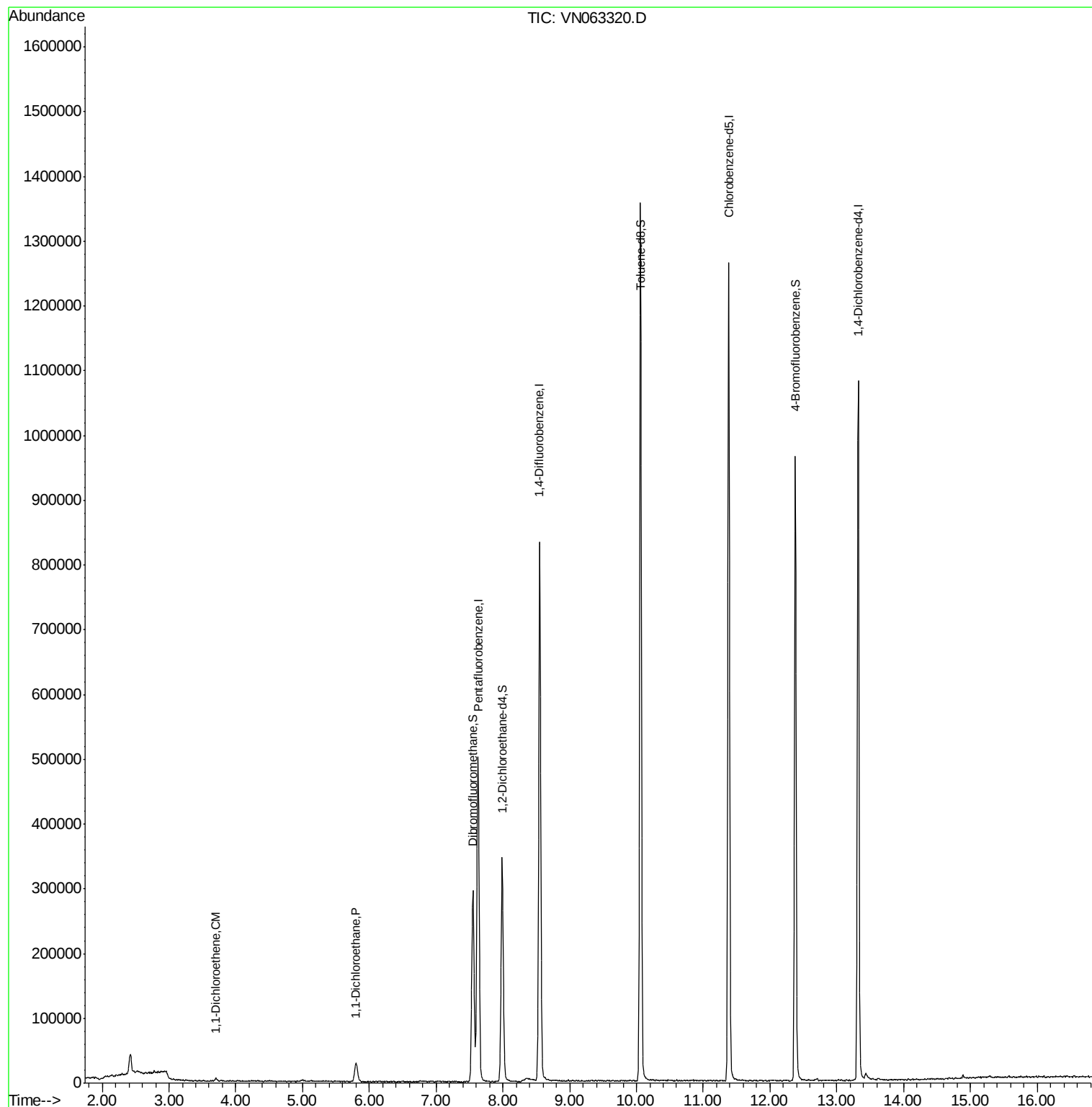
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091120\
Data File : VN063320.D
Acq On : 11 Sep 2020 17:30
Operator : JC/MD
Sample : L3988-08
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ALS Vial : 18 Sample Multiplier: 1

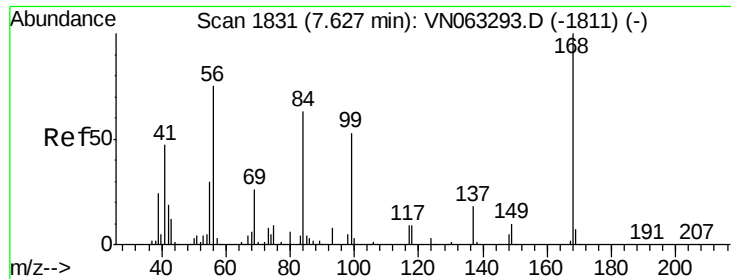
Instrument :
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Quant Time: Sep 14 01:58:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063320.D

Acq: 11 Sep 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ192I-20200909

Tot Ion:168 Resp: 380179

Ion Ratio Lower Upper

168 100

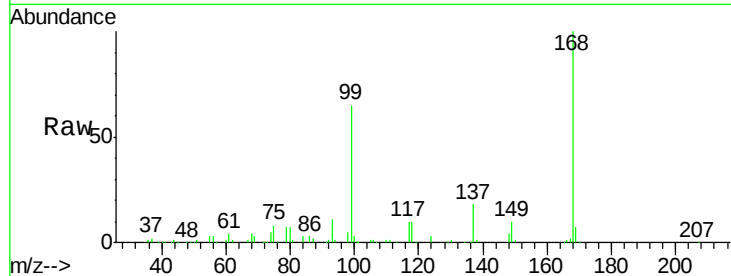
99 64.9 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

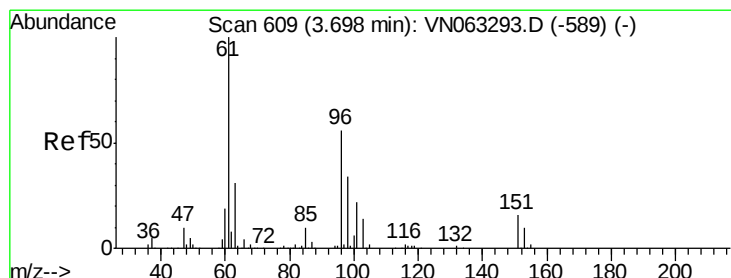
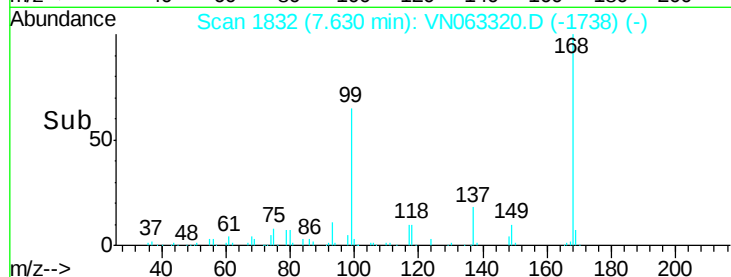
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#12

1,1-Dichloroethene

Concen: 0.548 ug/l m

RT: 3.70 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN063320.D

Acq: 11 Sep 2020 17:30

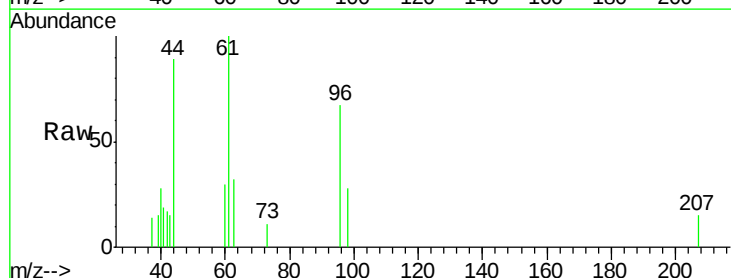
Tgt Ion: 96 Resp: 2285

Ion Ratio Lower Upper

96 100

61 148.5 142.1 213.1

98 42.1 48.8 73.2#



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

2000

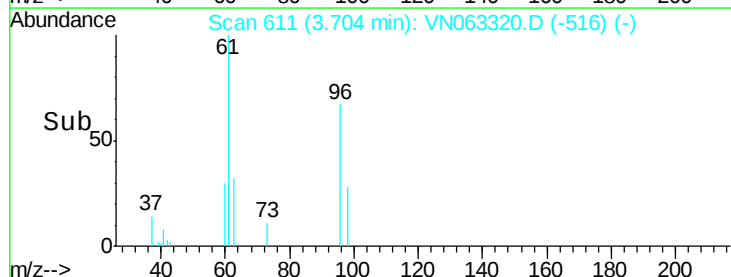
1500

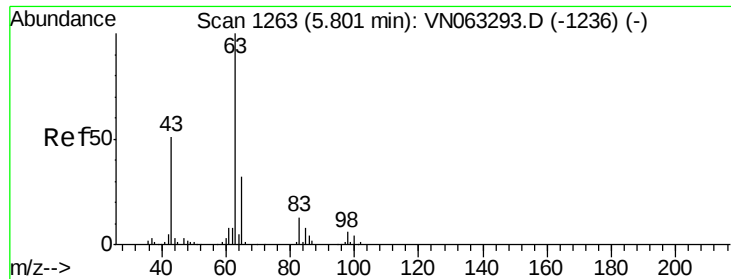
1000

500

0

Time--> 3.65 3.70 3.75





#24

1,1-Dichloroethane

Concen: 4.804 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063320.D

Acq: 11 Sep 2020 17:30

Instrument :

MSVOA_N

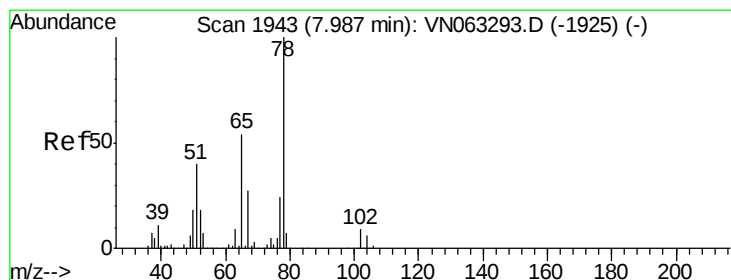
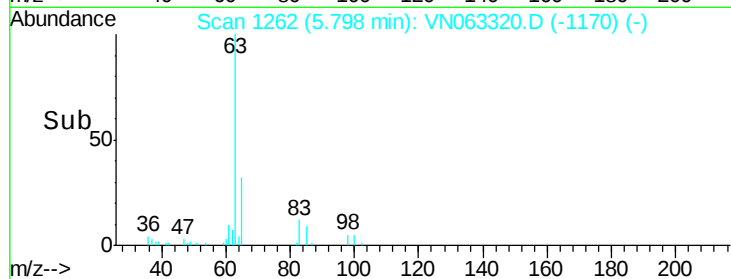
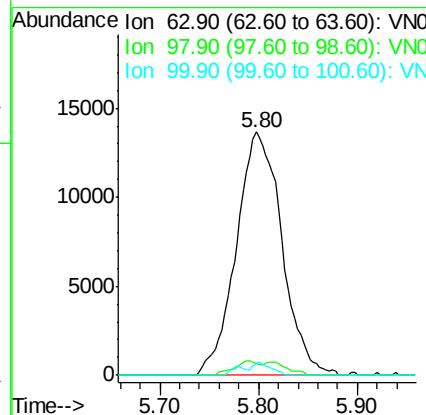
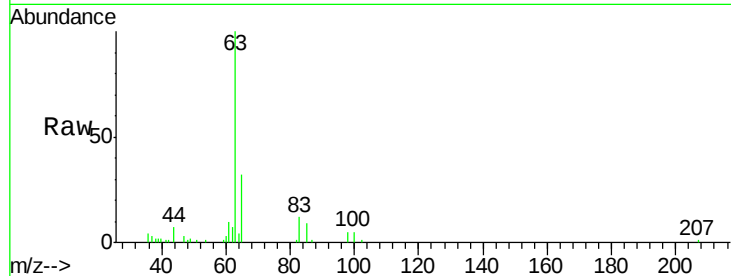
ClientSampleId :

SA-PZ192I-20200909

Tot Ion:	63	Resp:	43782
Ion	Ratio	Lower	Upper
63	100		
98	4.7	3.1	9.3
100	5.0	2.0	6.0

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#33

1,2-Dichloroethane-d4

Concen: 48.678 ug/l

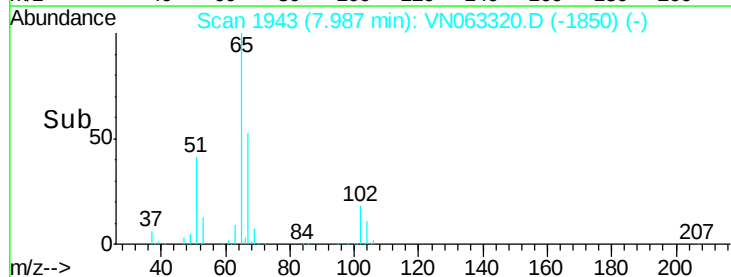
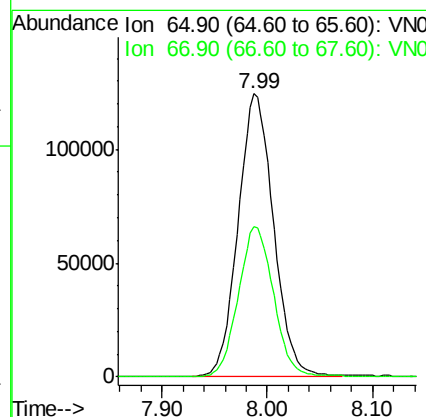
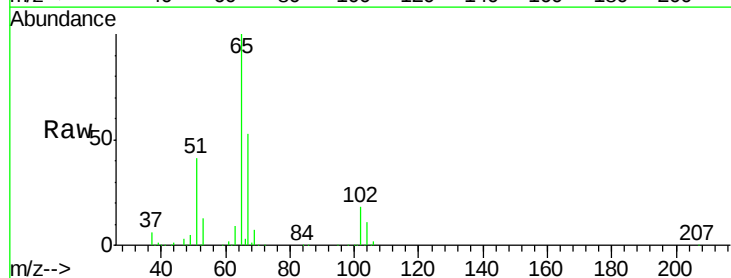
RT: 7.99 min Scan# 1943

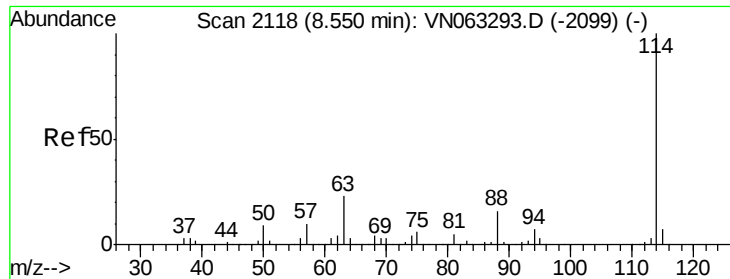
Delta R.T. -0.00 min

Lab File: VN063320.D

Acq: 11 Sep 2020 17:30

Tgt Ion:	65	Resp:	290761
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.6





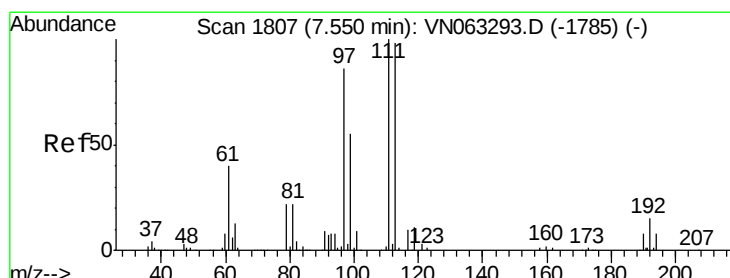
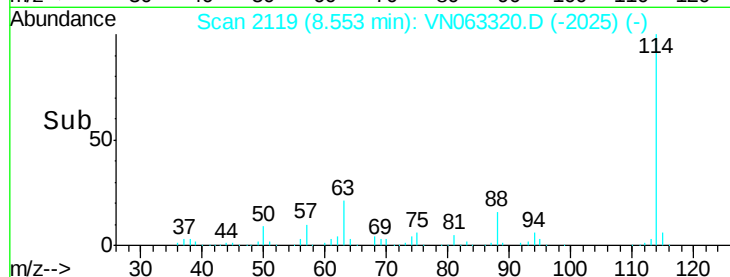
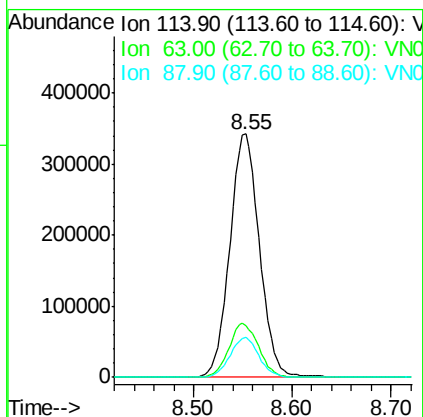
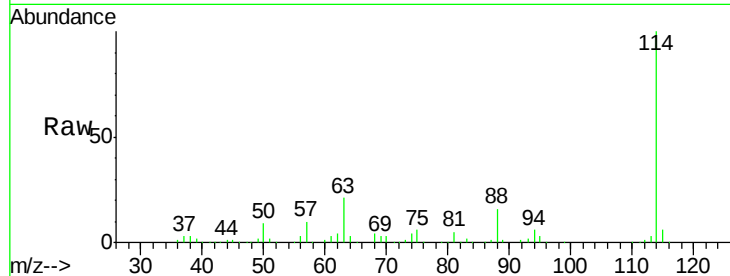
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063320.D
 Acq: 11 Sep 2020 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ192I-20200909

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	21.3	0.0	46.0
88	16.3	0.0	32.8

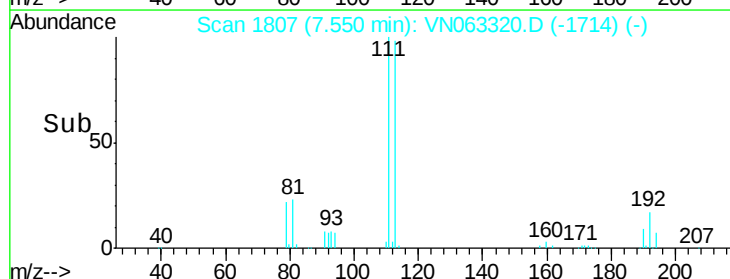
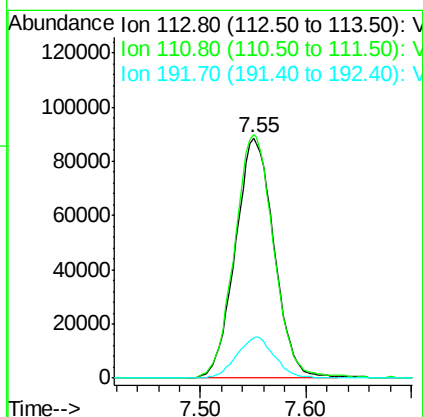
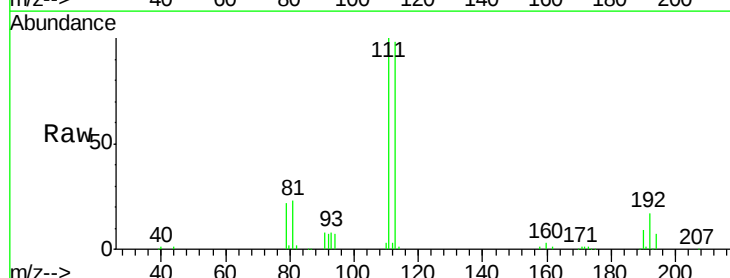
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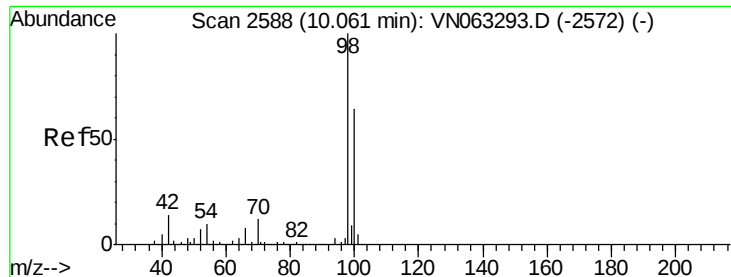
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#35
 Dibromofluoromethane
 Concen: 48.695 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063320.D
 Acq: 11 Sep 2020 17:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.1	82.2	123.2
192	16.7	12.9	19.3





#50

Toluene-d8

Concen: 50.891 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063320.D

Acq: 11 Sep 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ192I-20200909

Tot Ion: 98 Resp: 902338

Ion Ratio Lower Upper

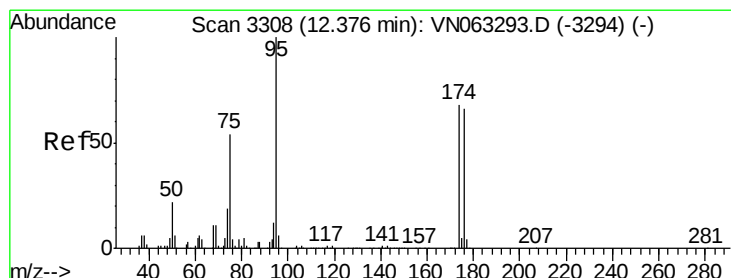
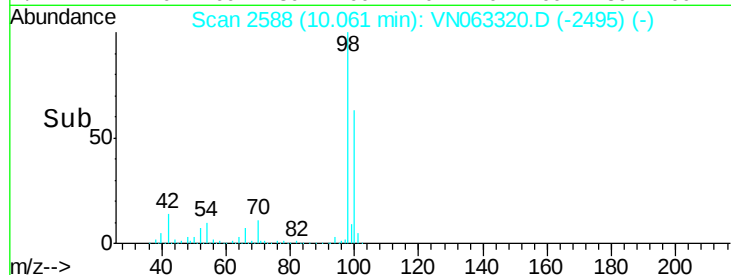
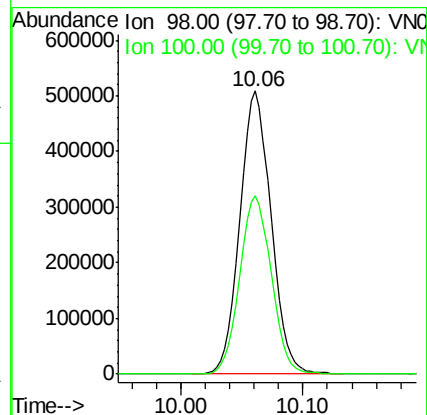
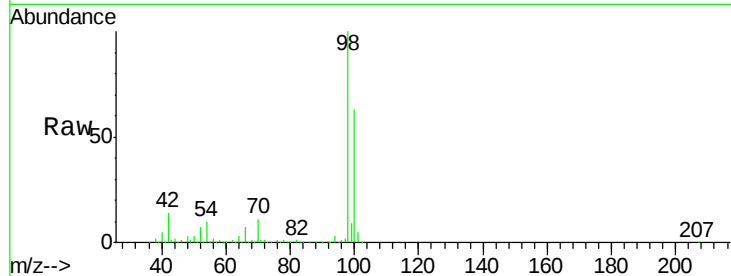
98 100

100 63.7 50.7 76.1

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#62

4-Bromofluorobenzene

Concen: 51.186 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063320.D

Acq: 11 Sep 2020 17:30

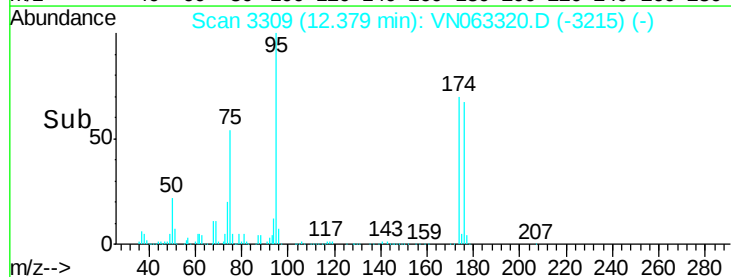
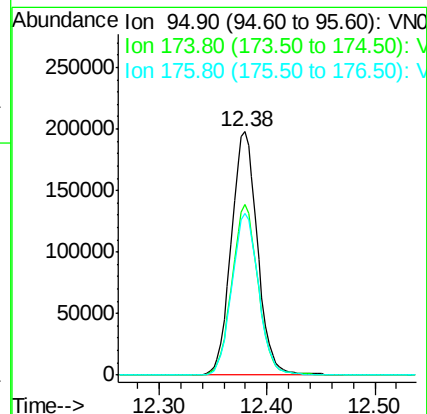
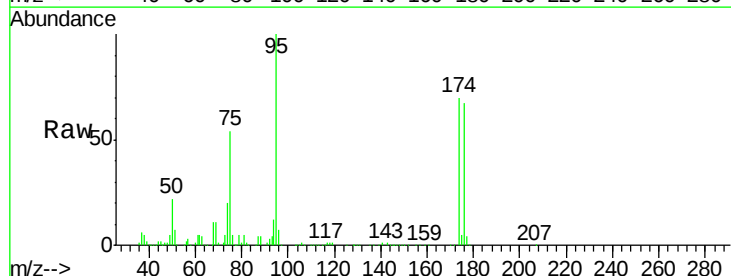
Tgt Ion: 95 Resp: 335210

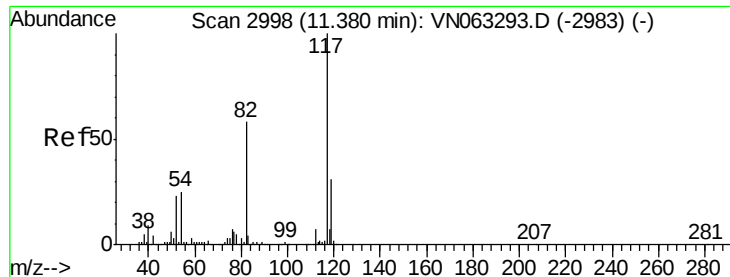
Ion Ratio Lower Upper

95 100

174 70.0 0.0 136.6

176 67.6 0.0 132.8





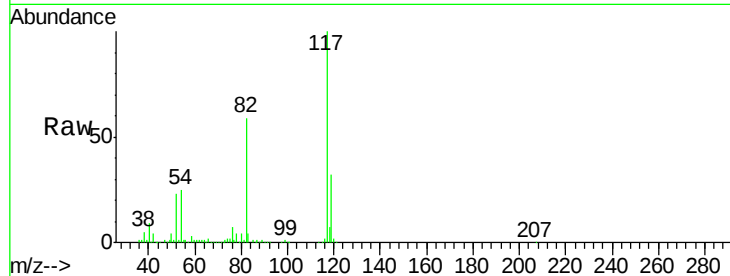
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063320.D
Acq: 11 Sep 2020 17:30

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ192I-20200909

Tot Ion	Ratio	Resp	Lower	Upper
117	100	691497		
82	59.3	46.4	69.6	
119	31.7	24.8	37.2	

Manual Integrations
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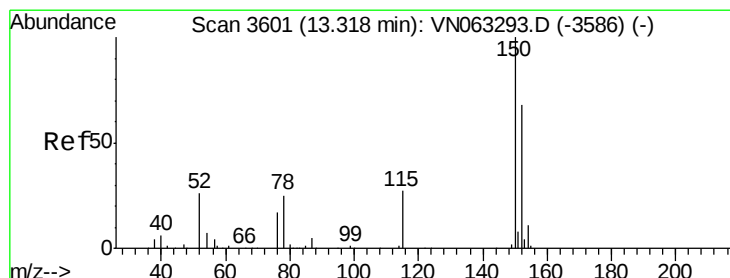
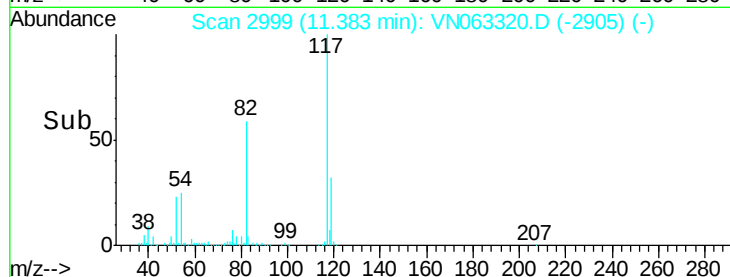
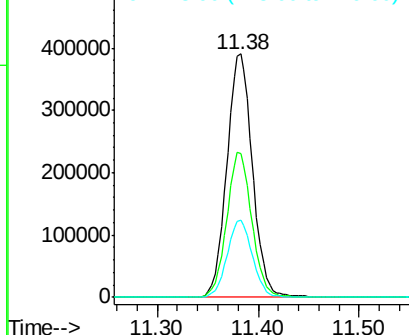


Abundance

Ion 116.90 (116.60 to 117.60): V

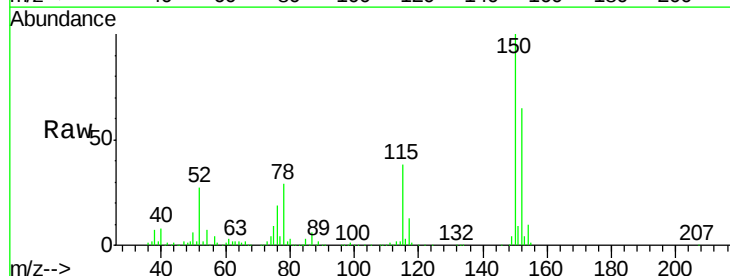
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063320.D
Acq: 11 Sep 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	278132		
115	60.8	31.5	94.5	
150	157.1	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

