

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063353.D
 Acq On : 14 Sep 2020 19:42
 Operator : JC/MD
 Sample : L3988-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ191I-20200910

Quant Time: Sep 15 08:27:10 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

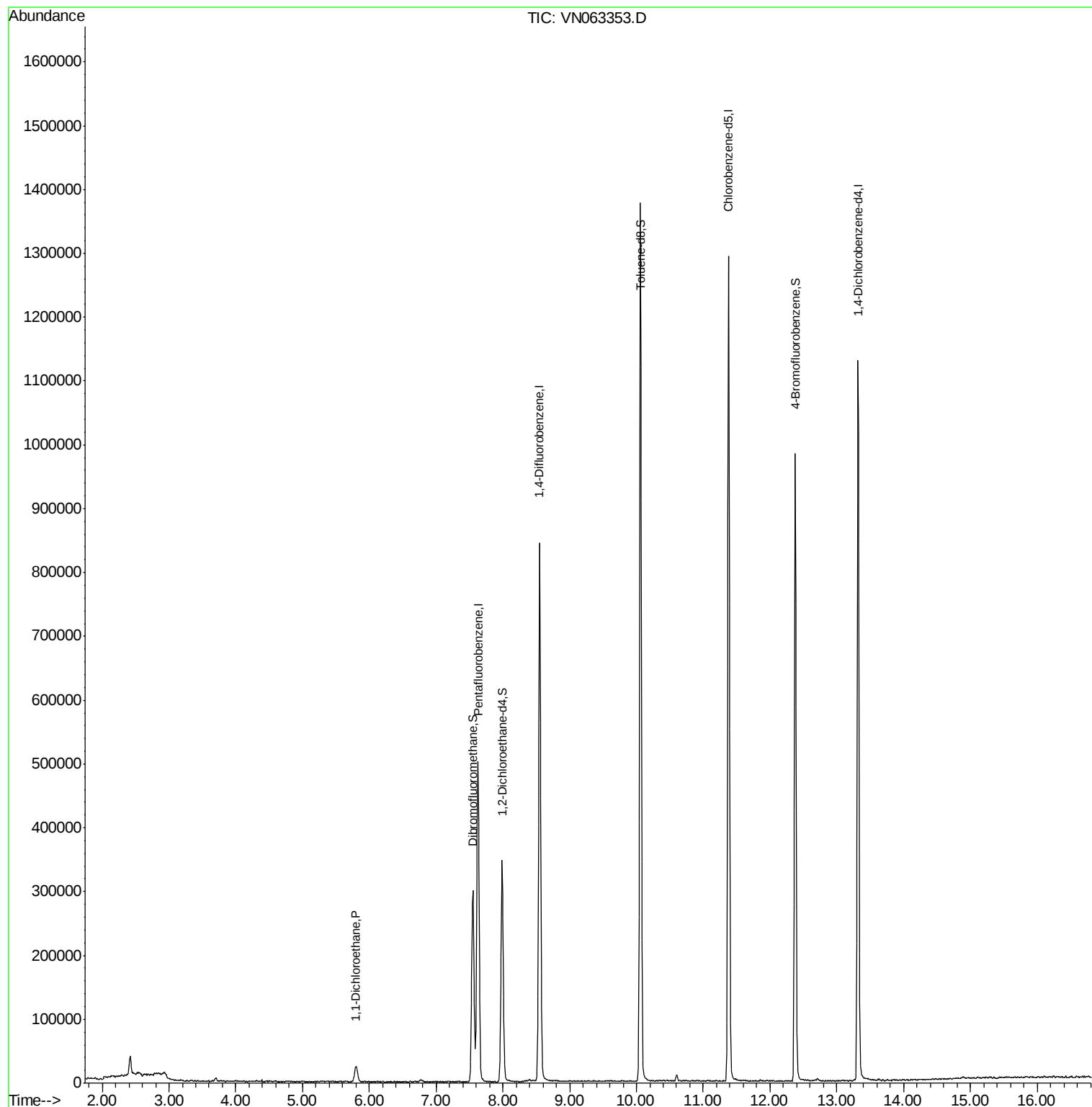
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	381738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	722415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	707397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	287523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	299320	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	7.55	113	228609	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.06	98	914375	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.38	95	342031	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
Target Compounds						
24) 1,1-Dichloroethane	5.80	63	37159	4.060	ug/l	Qvalue 98

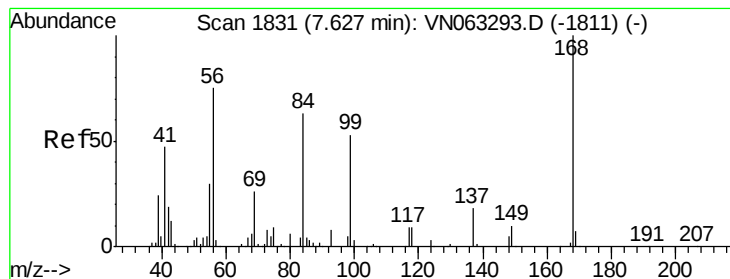
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

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ClientSampleId :

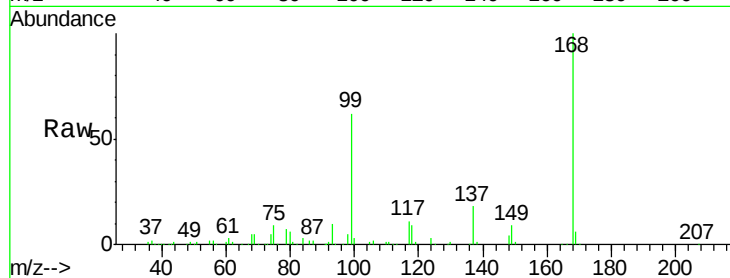
SA-PZ191I-20200910

Tot Ion:168 Resp: 381738

Ion Ratio Lower Upper

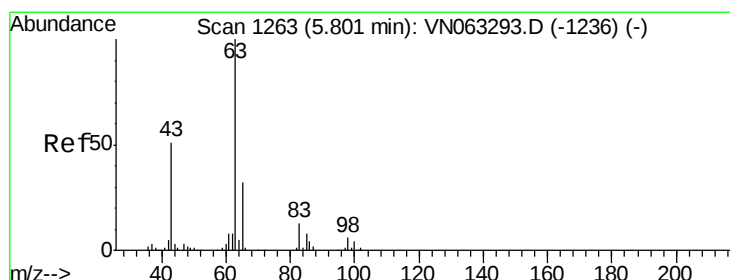
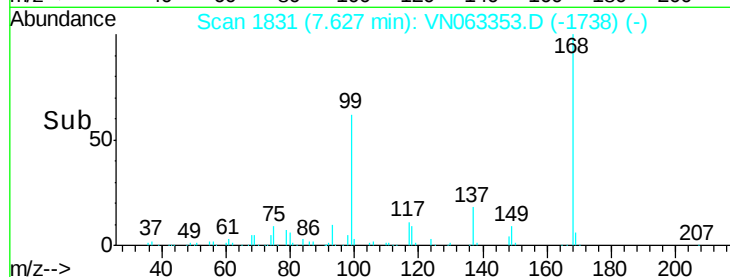
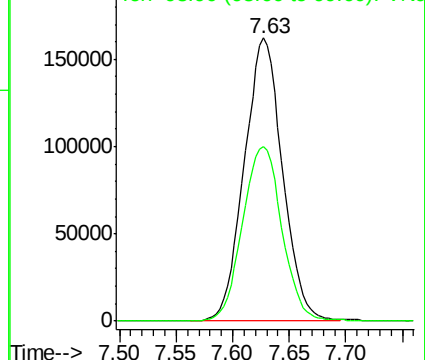
168 100

99 61.8 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: 4.060 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063353.D

Acq: 14 Sep 2020 19:42

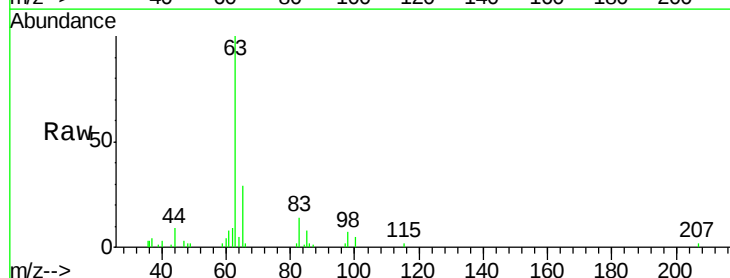
Tgt Ion: 63 Resp: 37159

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

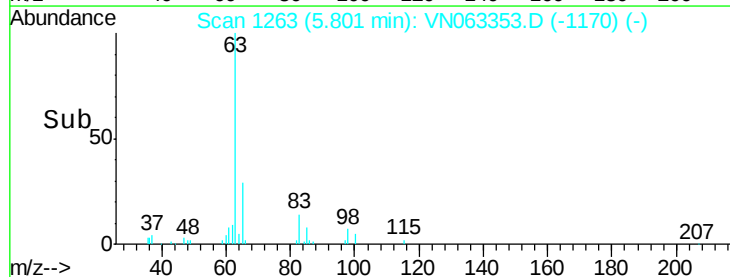
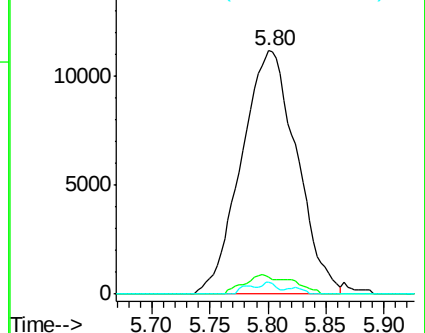
100 5.1 2.0 6.0

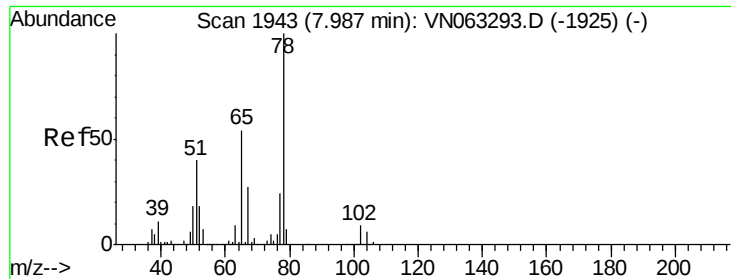


Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN





#33

1,2-Dichloroethane-d4

Concen: 49.906 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063353.D

Acq: 14 Sep 2020 19:42

Instrument :

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ClientSampleId :

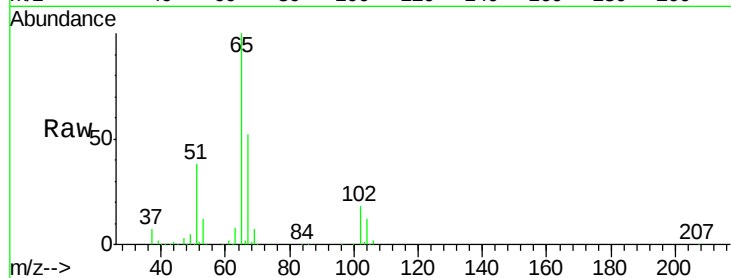
SA-PZ191I-20200910

Tot Ion: 65 Resp: 299320

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN063353.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063353.D (-1850) (-)

7.99

150000

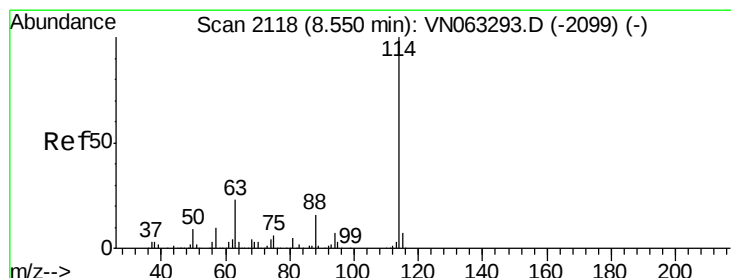
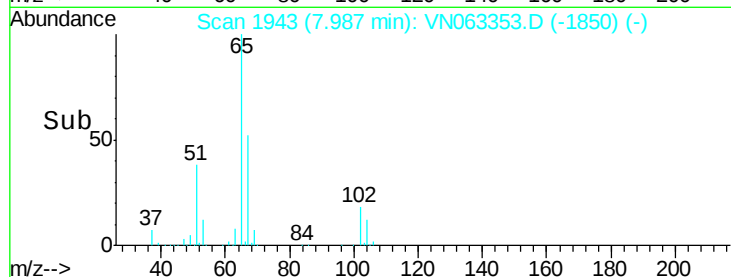
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063353.D

Acq: 14 Sep 2020 19:42

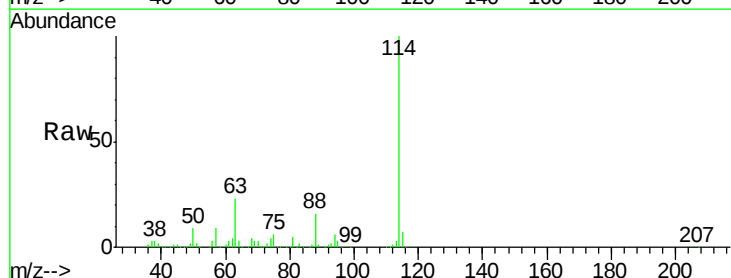
Tgt Ion: 114 Resp: 722415

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.0

88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN063353.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063353.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063353.D (-2025) (-)

8.55

400000

300000

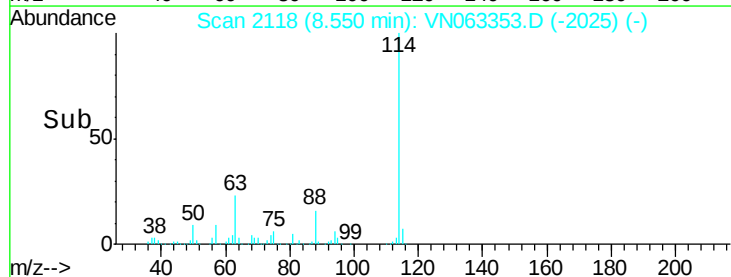
200000

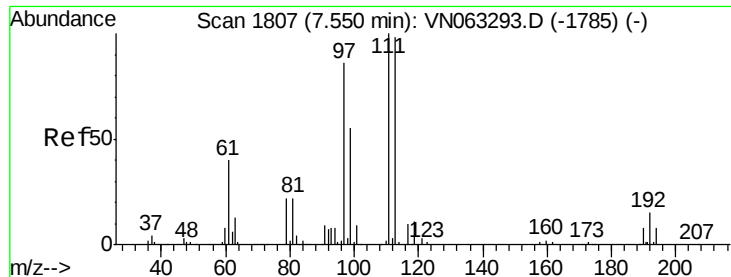
100000

0

Time-->

8.50 8.60

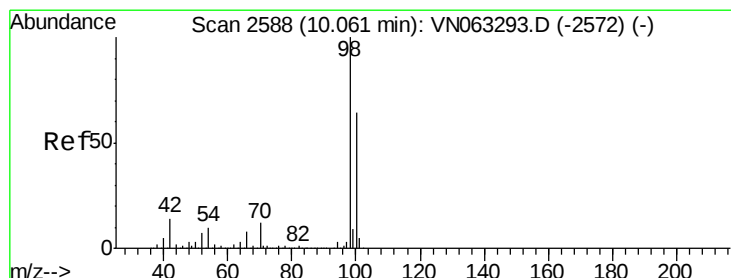
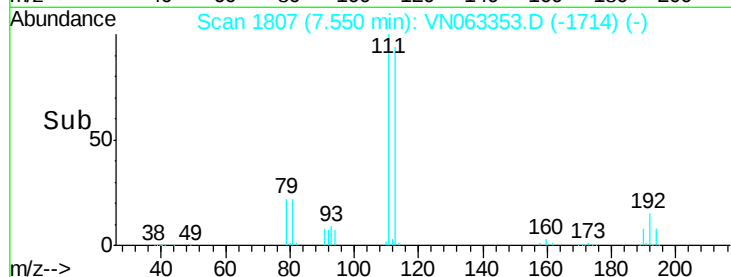
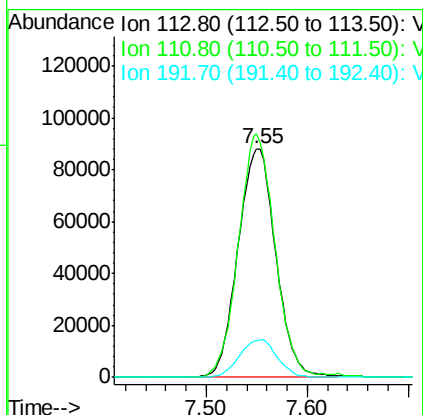
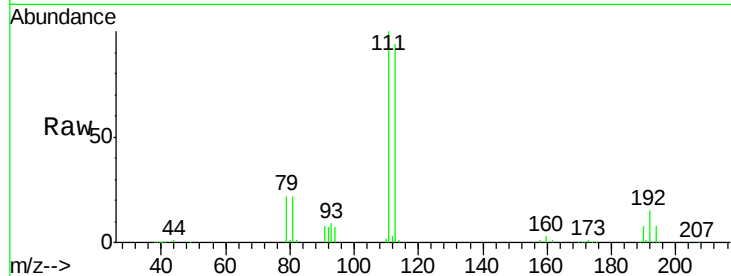




#35
 Dibromofluoromethane
 Concen: 49.052 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063353.D
 Acq: 14 Sep 2020 19:42

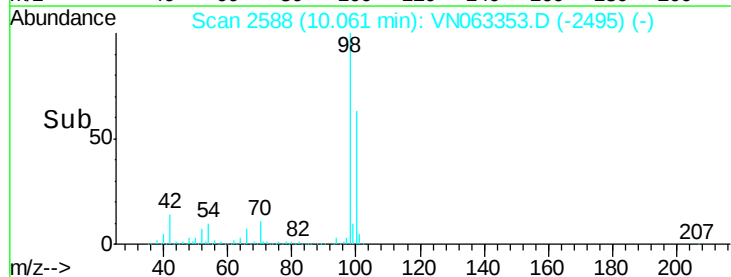
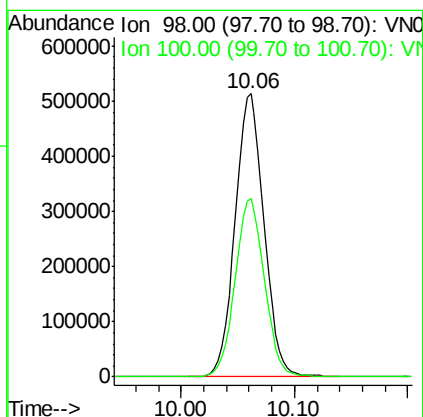
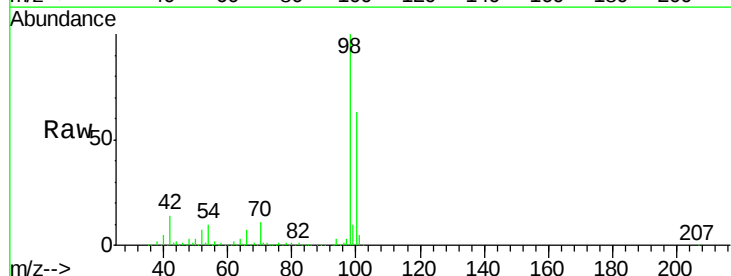
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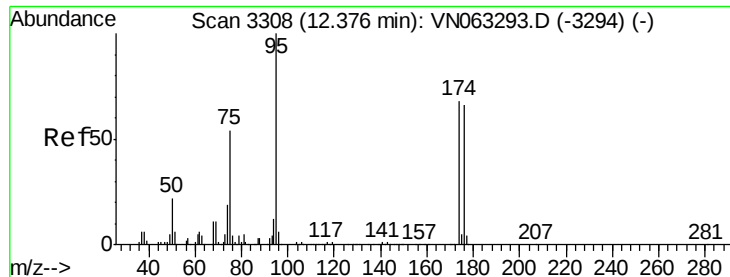
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	16.5	12.9	19.3



#50
 Toluene-d8
 Concen: 51.196 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063353.D
 Acq: 14 Sep 2020 19:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1

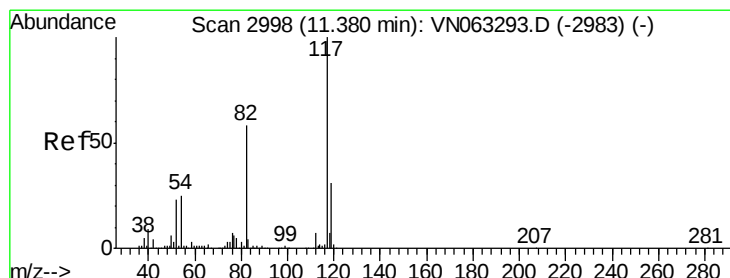
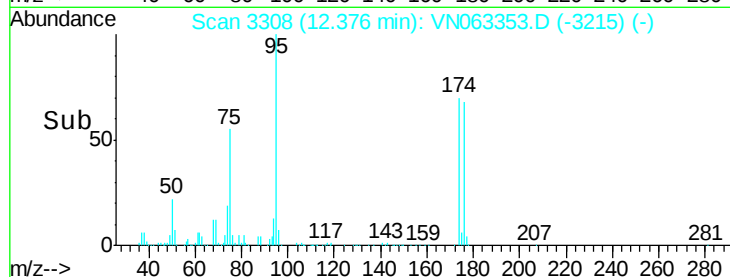
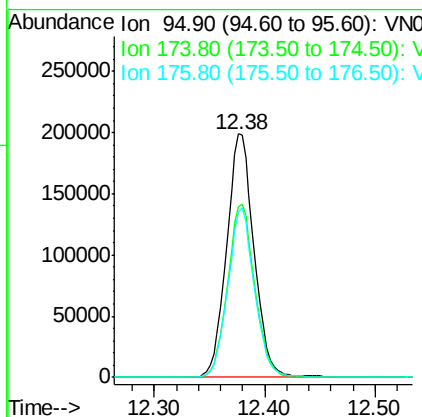
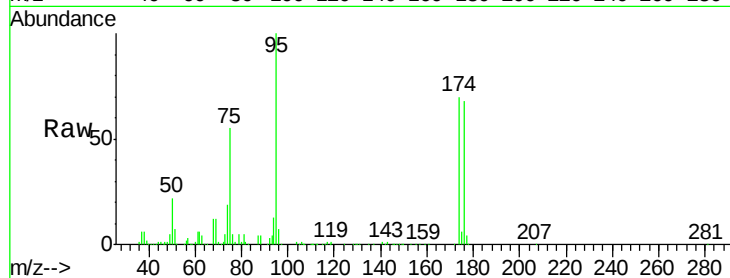




#62
4-Bromofluorobenzene
Concen: 51.849 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063353.D
Acq: 14 Sep 2020 19:42

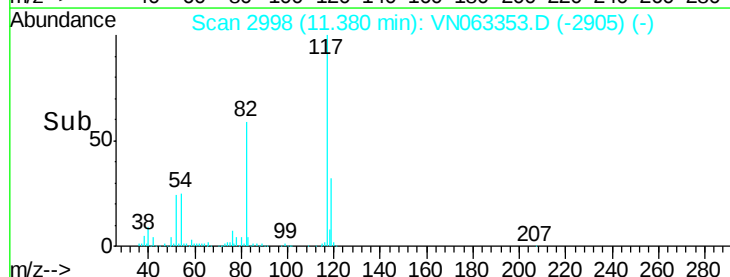
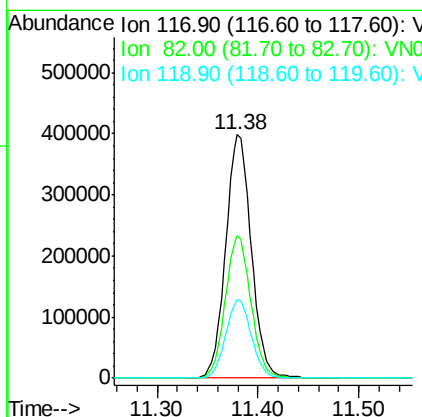
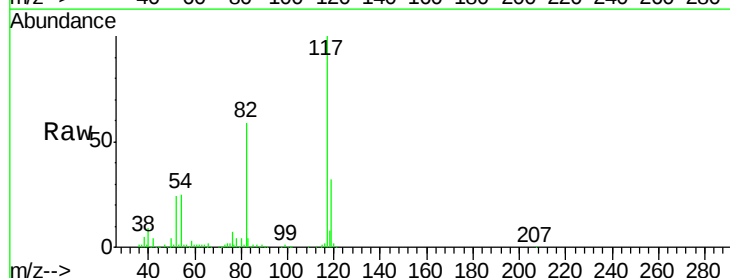
Instrument :
MSVOA_N
ClientSampleId :
SA-PZ191I-20200910

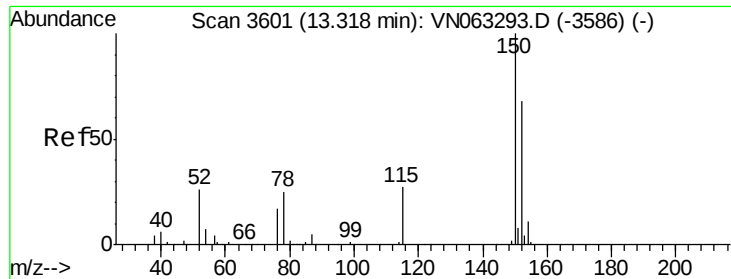
Tot Ion: 95 Resp: 342031
Ion Ratio Lower Upper
95 100
174 70.9 0.0 136.6
176 68.0 0.0 132.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063353.D
Acq: 14 Sep 2020 19:42

Tgt Ion: 117 Resp: 707397
Ion Ratio Lower Upper
117 100
82 58.6 46.4 69.6
119 32.1 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063353.D

Acq: 14 Sep 2020 19:42

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ191I-20200910

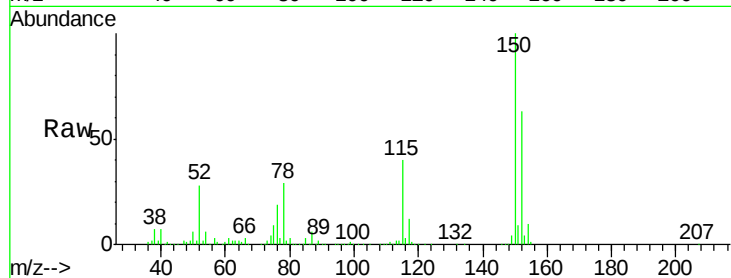
Tot Ion:152 Resp: 287523

Ion Ratio Lower Upper

152 100

115 62.3 31.5 94.5

150 158.6 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

