

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063688.D
 Acq On : 25 Sep 2020 19:06
 Operator : JC/MD
 Sample : L4119-04DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20200921DL

Quant Time: Sep 28 08:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

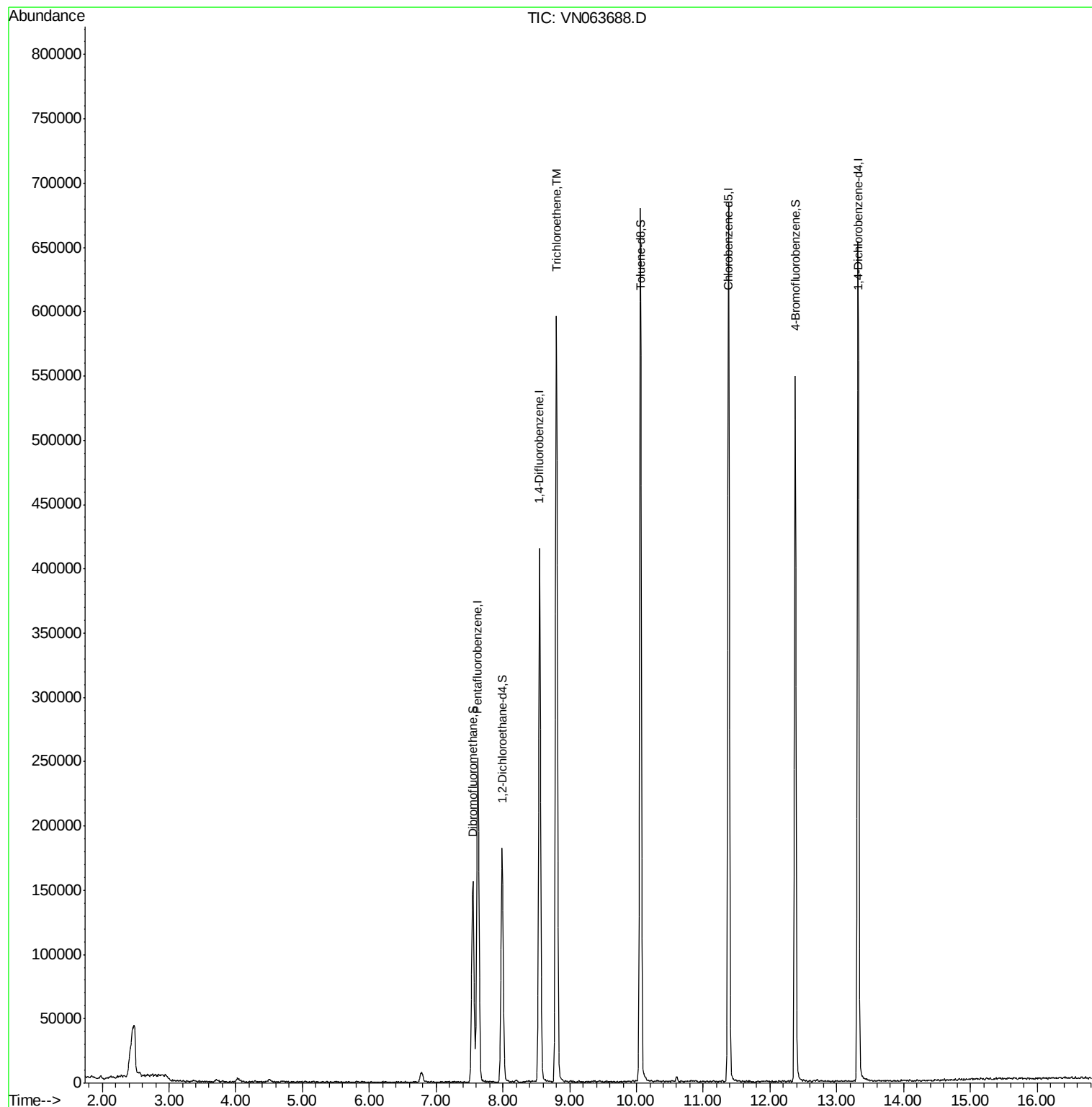
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	342981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162145	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	7.55	113	116766	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.06	98	441790	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.38	95	180156	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
Target Compounds						
44) Trichloroethene	8.80	130	200421	79.220	ug/l	Qvalue 98

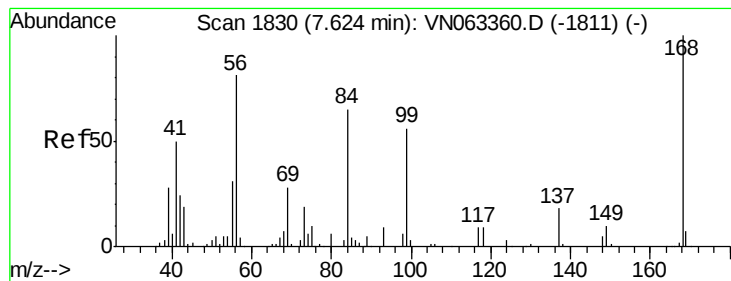
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063688.D

Acq: 25 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

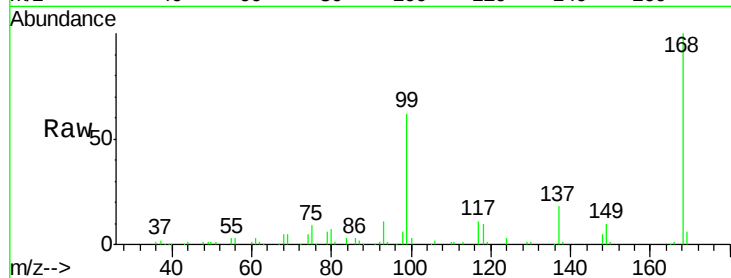
RE122D1-20200921DL

Tot Ion:168 Resp: 183910

Ion Ratio Lower Upper

168 100

99 62.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

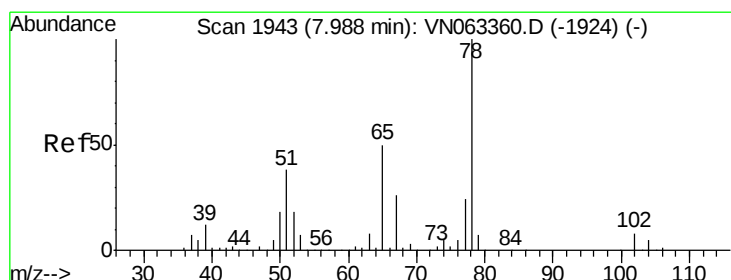
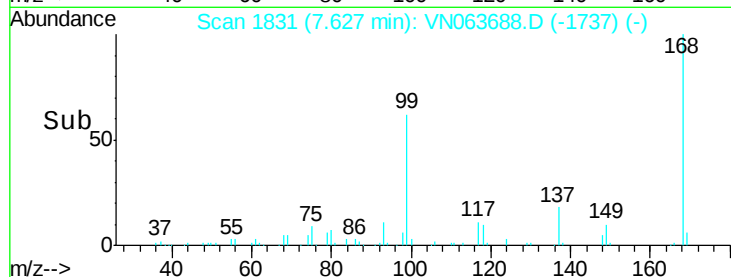
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.793 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063688.D

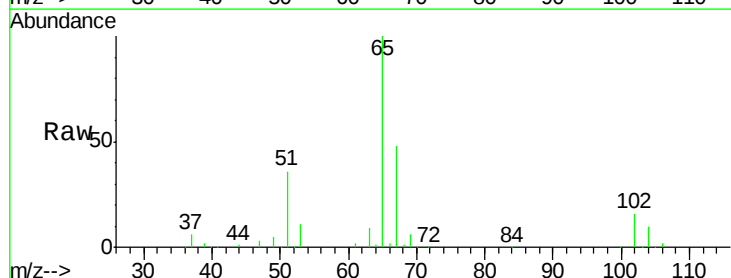
Acq: 25 Sep 2020 19:06

Tgt Ion: 65 Resp: 162145

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

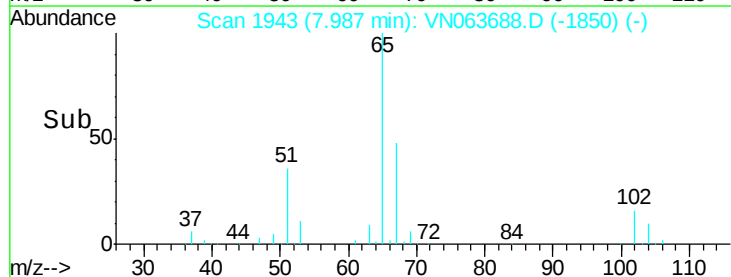
60000

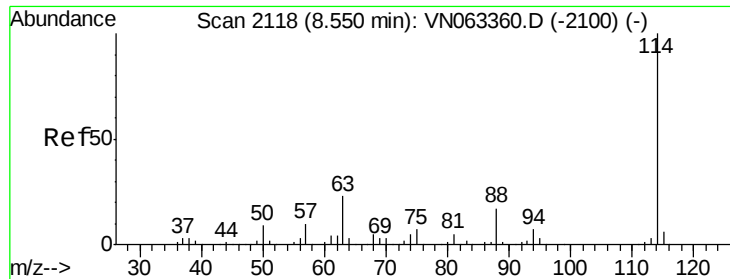
40000

20000

0

Time--> 7.90 8.00 8.10

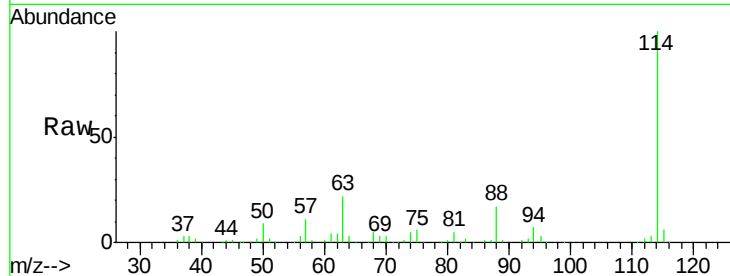




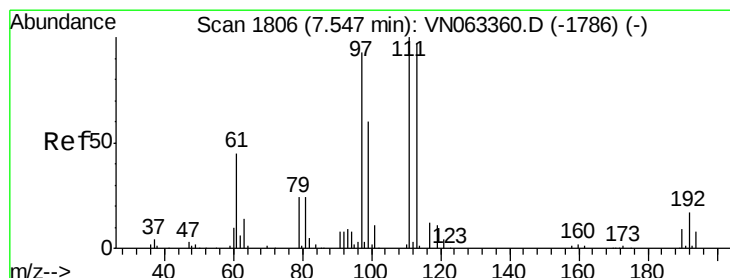
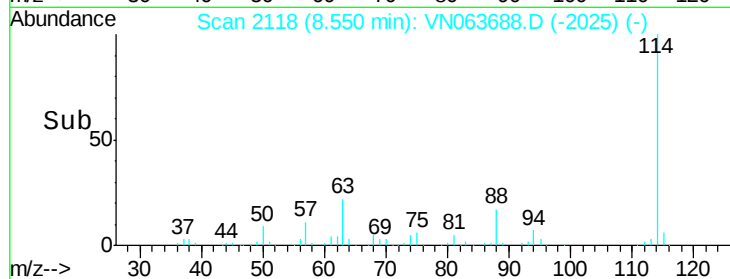
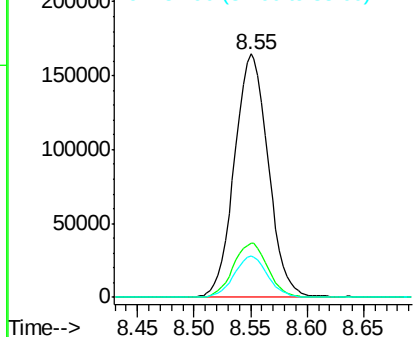
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063688.D
Acq: 25 Sep 2020 19:06

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20200921DL

Tot Ion:114 Resp: 342981
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.4
88 16.7 0.0 33.2

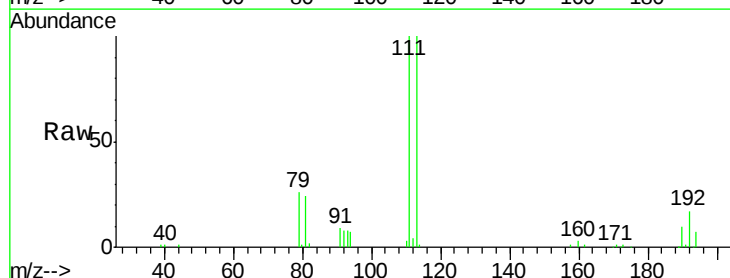


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

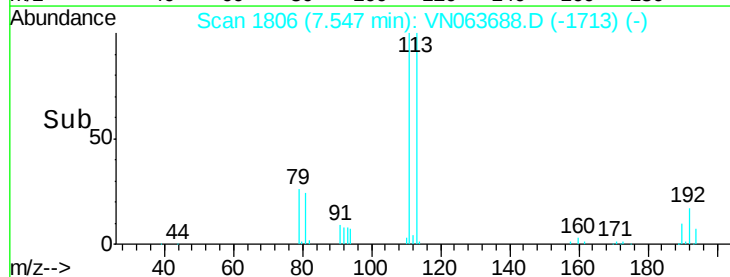
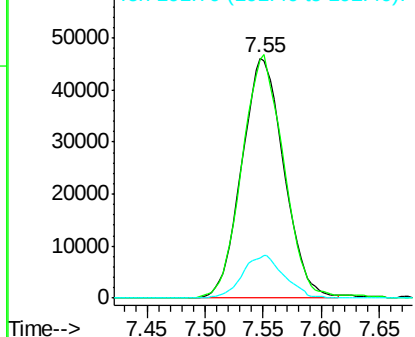


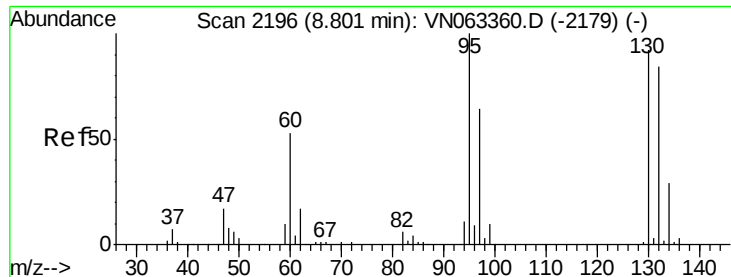
#35
Dibromofluoromethane
Concen: 49.177 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063688.D
Acq: 25 Sep 2020 19:06

Tgt Ion:113 Resp: 116766
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 17.6 13.9 20.9



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

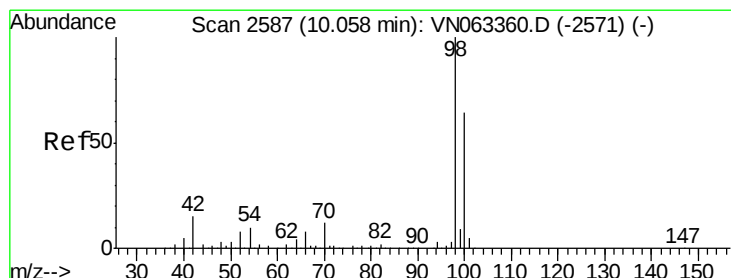
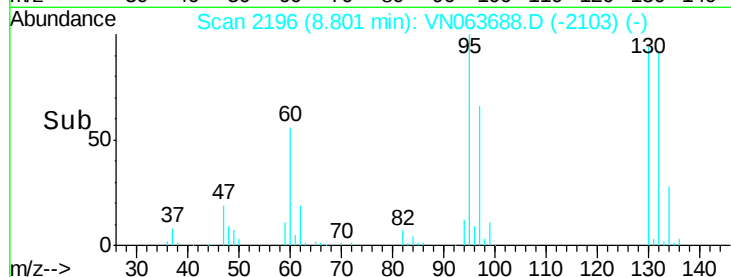
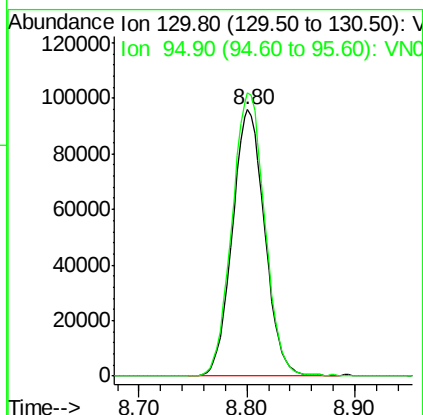
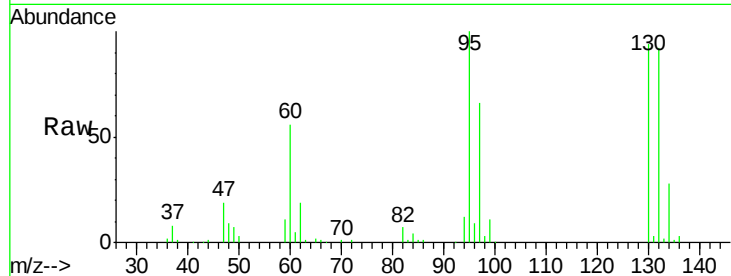




#44
 Trichloroethene
 Concen: 79.220 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063688.D
 Acq: 25 Sep 2020 19:06

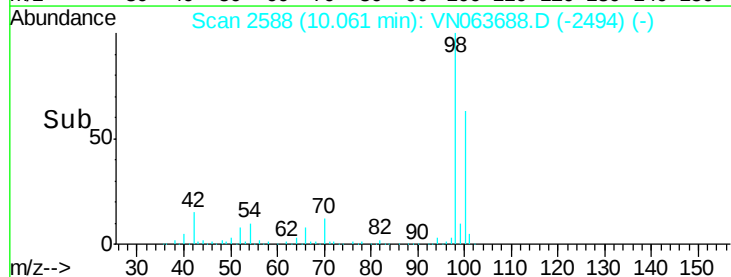
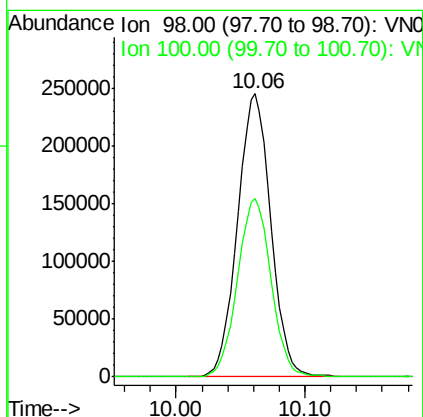
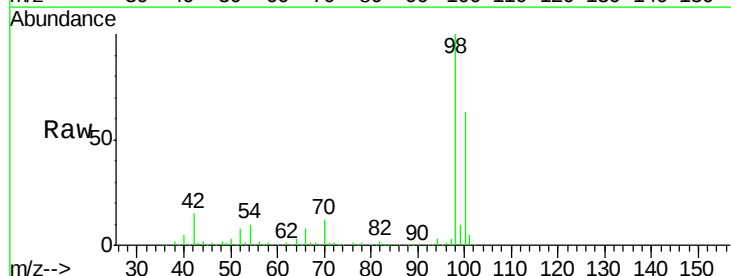
Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20200921DL

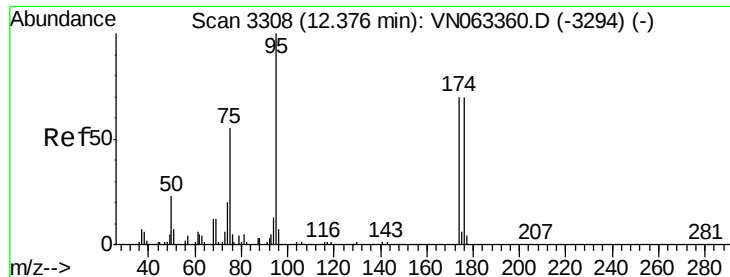
Tot Ion:130 Resp: 200421
 Ion Ratio Lower Upper
 130 100
 95 106.1 0.0 217.4



#50
 Toluene-d8
 Concen: 49.483 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063688.D
 Acq: 25 Sep 2020 19:06

Tgt Ion: 98 Resp: 441790
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 55.045 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063688.D

Acq: 25 Sep 2020 19:06

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20200921DL

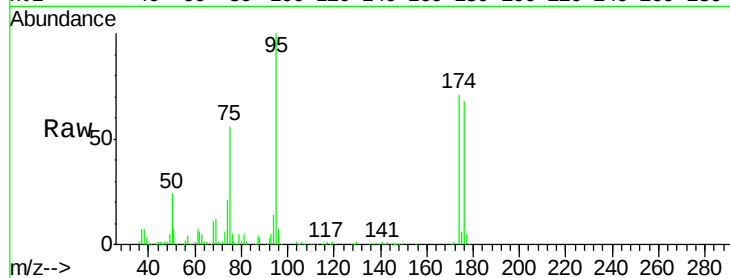
Tot Ion: 95 Resp: 180156

Ion Ratio Lower Upper

95 100

174 71.8 0.0 140.8

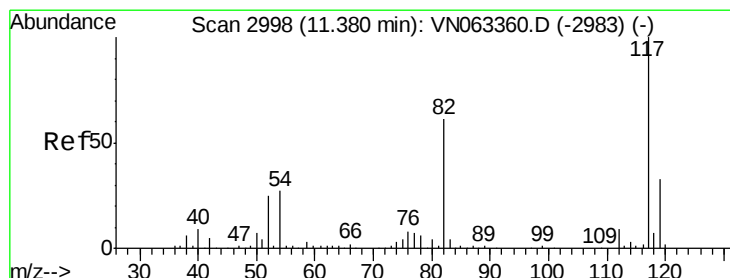
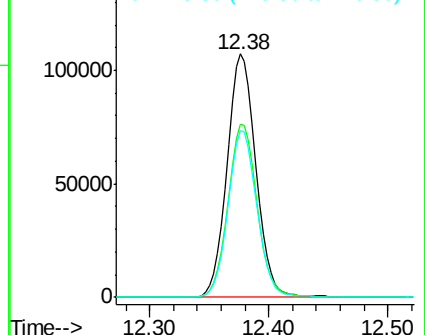
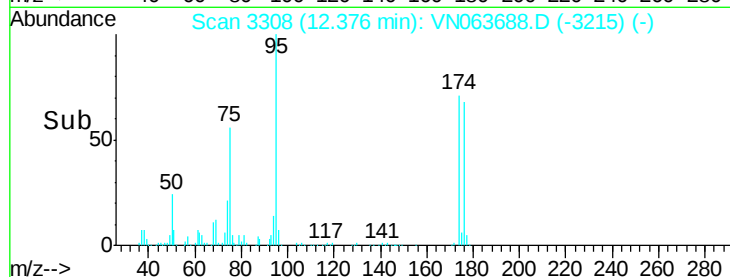
176 68.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063688.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063688.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063688.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063688.D

Acq: 25 Sep 2020 19:06

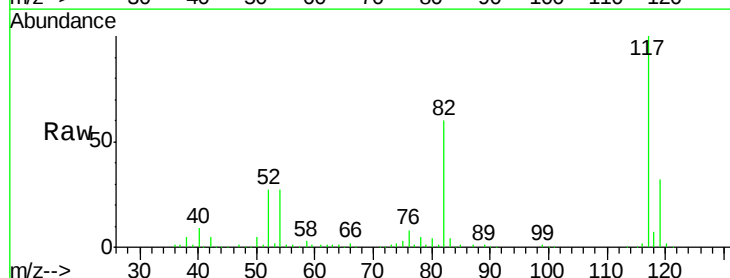
Tgt Ion: 117 Resp: 350793

Ion Ratio Lower Upper

117 100

82 60.1 49.2 73.8

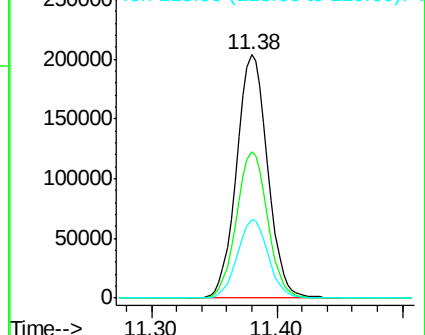
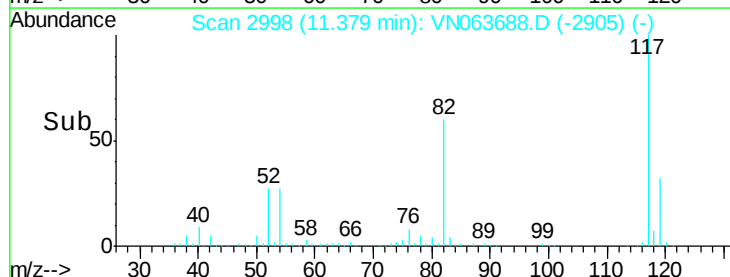
119 32.1 26.2 39.4

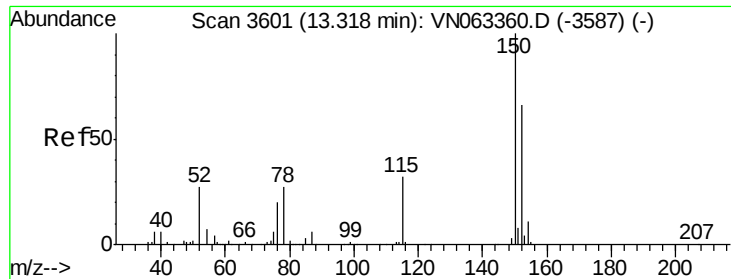


Abundance Ion 116.90 (116.60 to 117.60): VN063688.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063688.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063688.D (-2905) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VN063688.D
 Acq: 25 Sep 2020 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20200921DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.2	96.6
150	160.5	0.0	343.4

