

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063231.D
 Acq On : 3 Sep 2020 19:36
 Operator : JC/MD
 Sample : L3902-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ145D-20200901

Quant Time: Sep 04 05:35:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

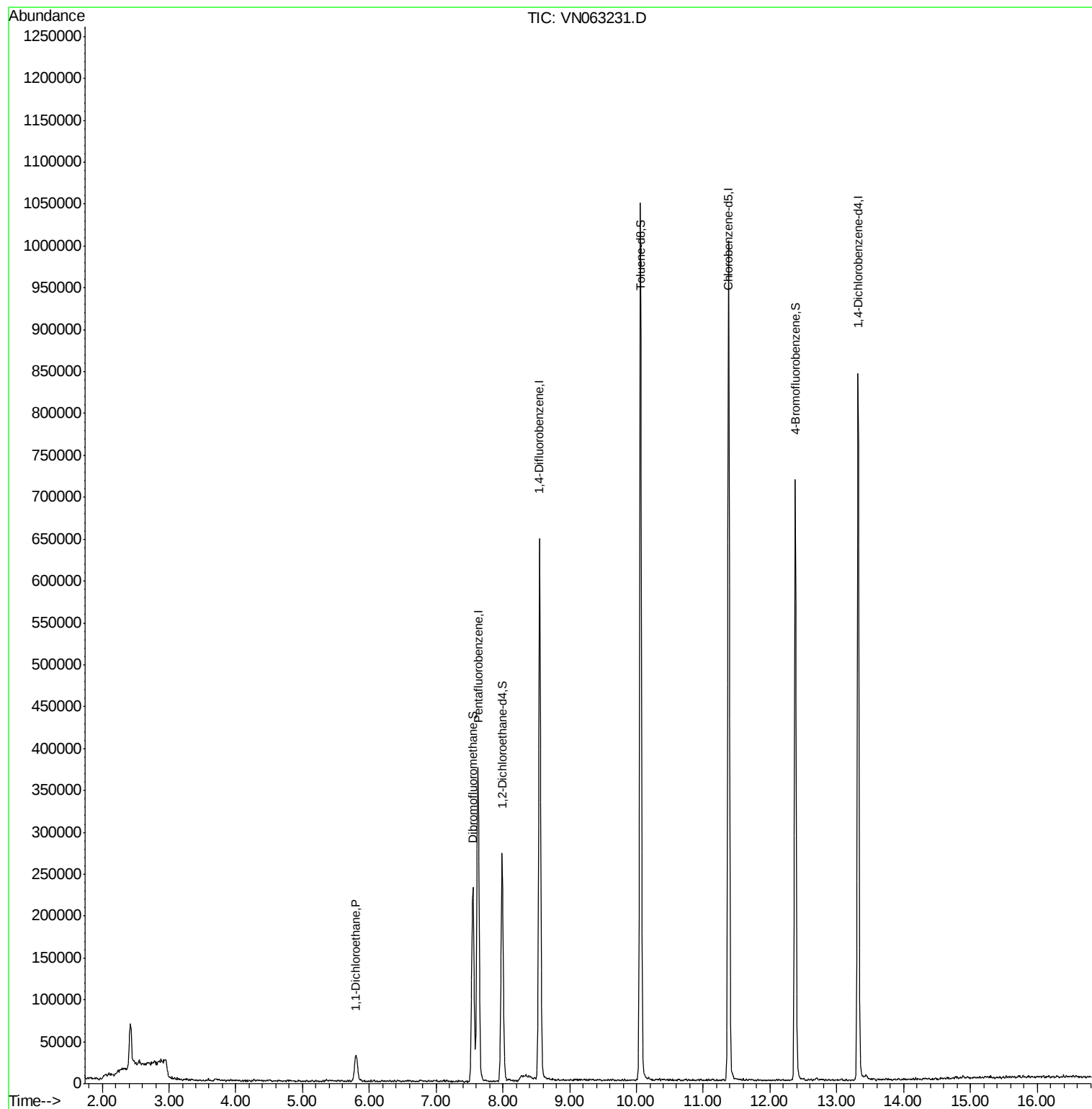
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	547178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	539545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	223030	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.55	113	173916	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.06	98	695279	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.38	95	233648	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
24) 1,1-Dichloroethane	5.80	63	46355	6.880	ug/l	Qvalue 98

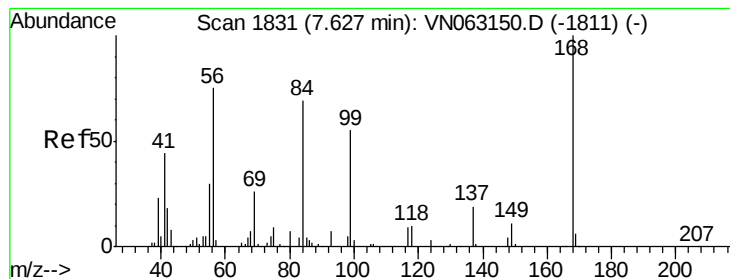
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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ClientSampleId :

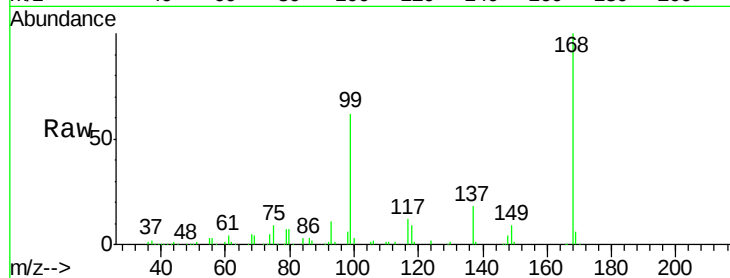
SA-PZ145D-20200901

Tot Ion:168 Resp: 279916

Ion Ratio Lower Upper

168 100

99 62.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

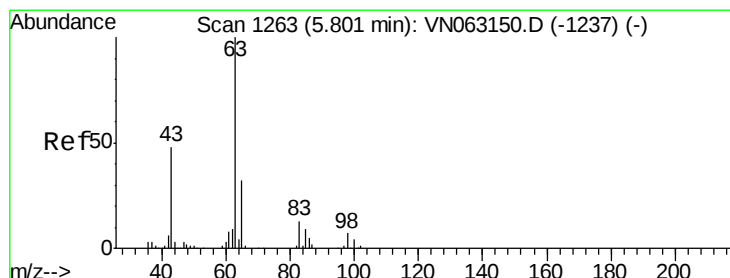
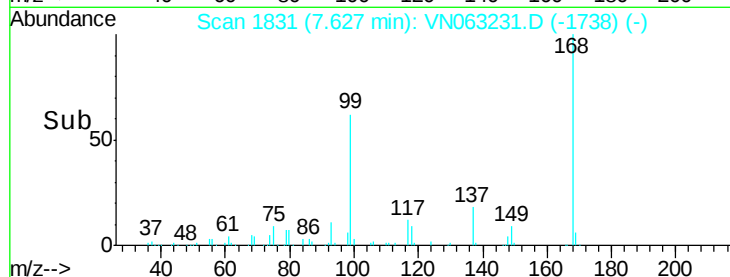
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#24

1,1-Dichloroethane

Concen: 6.880 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063231.D

Acq: 3 Sep 2020 19:36

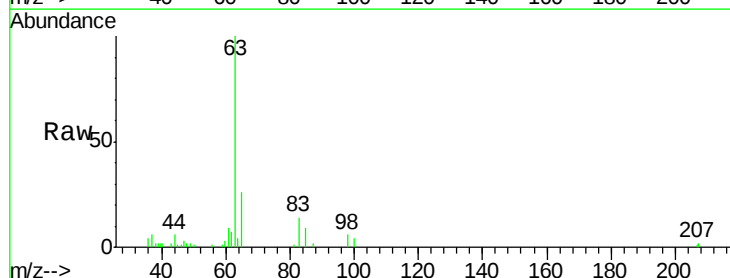
Tgt Ion: 63 Resp: 46355

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 3.8 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

20000

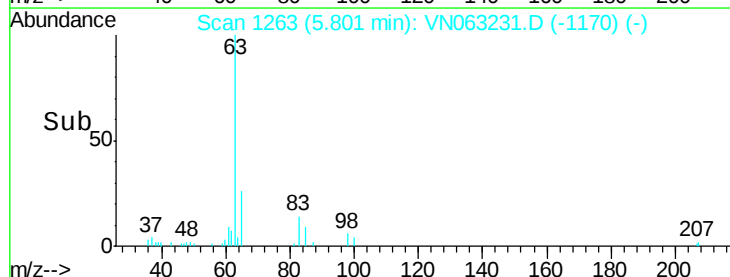
15000

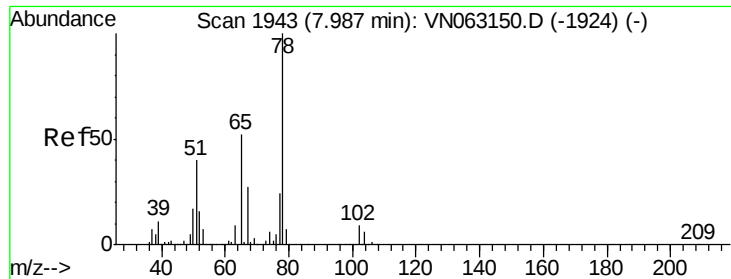
10000

5000

0

Time--> 5.70 5.80 5.90





#33

1,2-Dichloroethane-d4

Concen: 48.741 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063231.D

Acq: 3 Sep 2020 19:36

Instrument :

MSVOA_N

ClientSampleId :

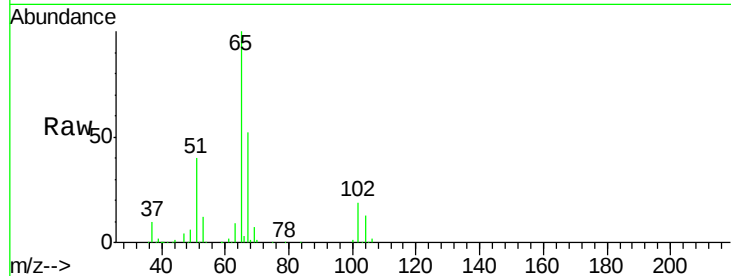
SA-PZ145D-20200901

Tot Ion: 65 Resp: 223030

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063231.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063231.D (-1850) (-)

7.99

100000

80000

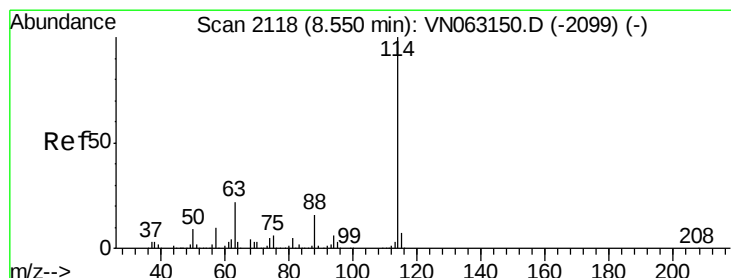
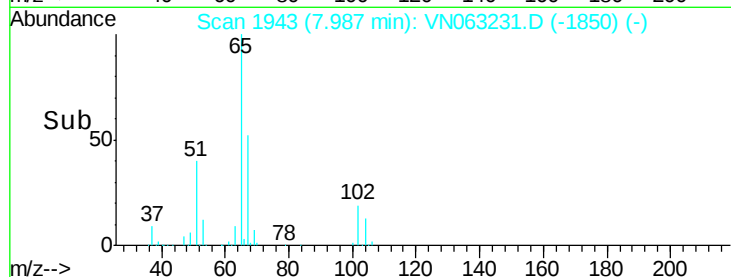
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063231.D

Acq: 3 Sep 2020 19:36

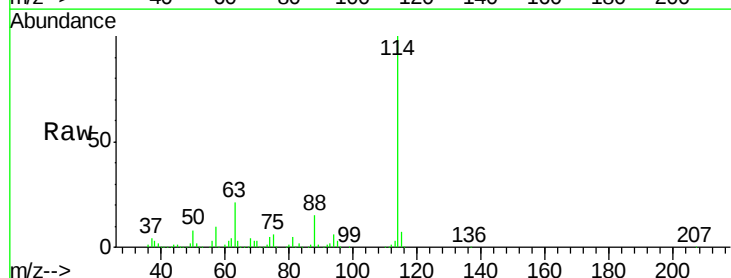
Tgt Ion: 114 Resp: 547178

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063231.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063231.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063231.D (-2025) (-)

8.55

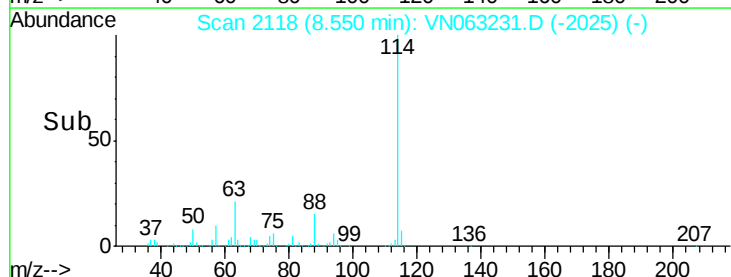
300000

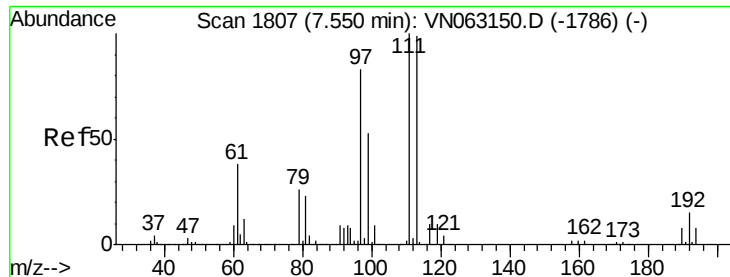
200000

100000

0

Time-->

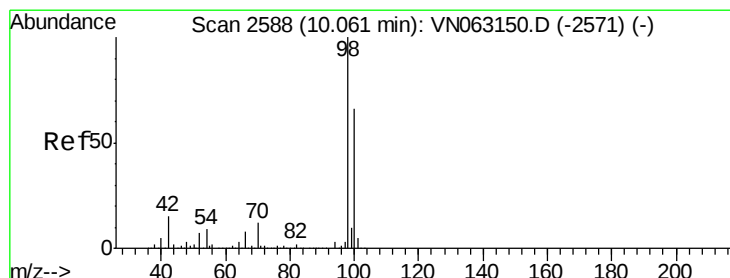
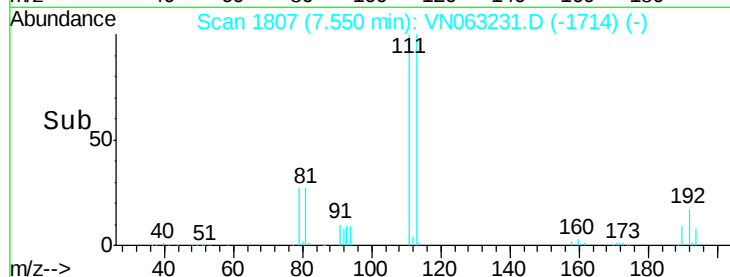
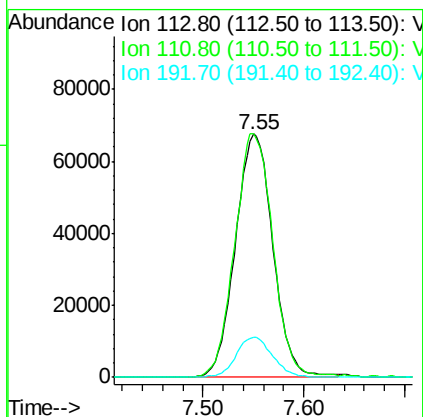
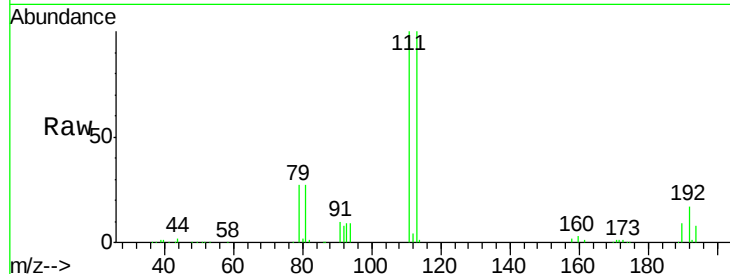




#35
 Dibromofluoromethane
 Concen: 49.543 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063231.D
 Acq: 3 Sep 2020 19:36

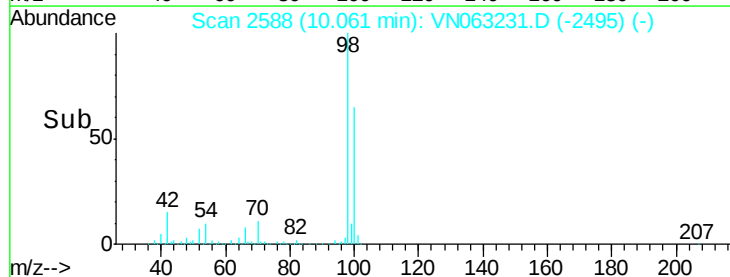
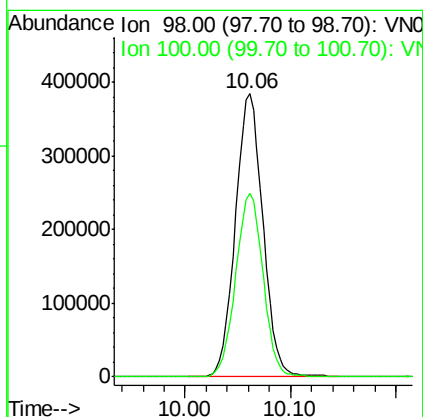
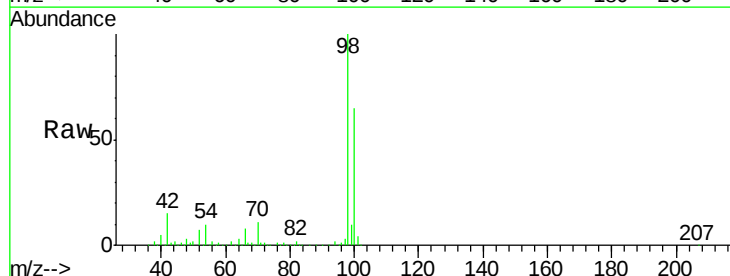
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ145D-20200901

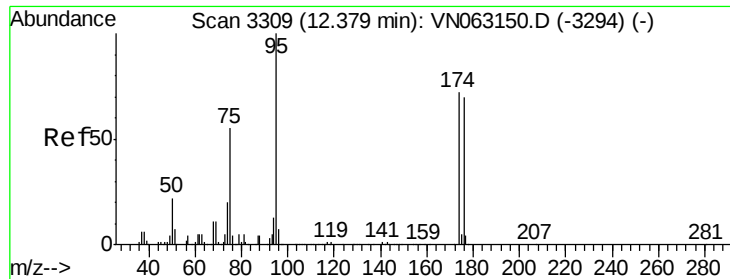
Tot Ion:113 Resp: 173916
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 16.0 12.6 19.0



#50
 Toluene-d8
 Concen: 51.458 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063231.D
 Acq: 3 Sep 2020 19:36

Tgt Ion: 98 Resp: 695279
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.434 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063231.D

Acq: 3 Sep 2020 19:36

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145D-20200901

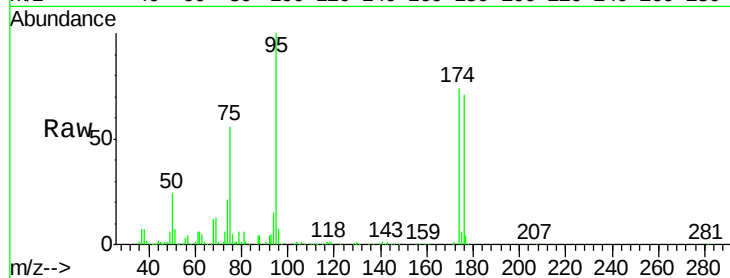
Tot Ion: 95 Resp: 233648

Ion Ratio Lower Upper

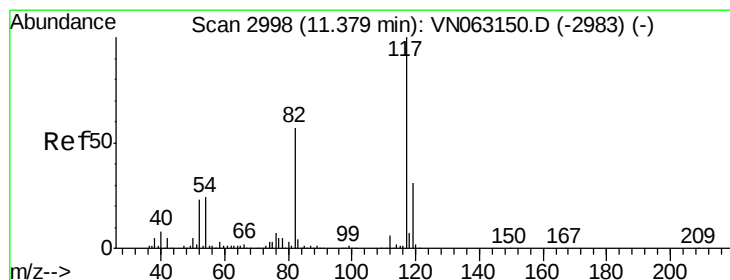
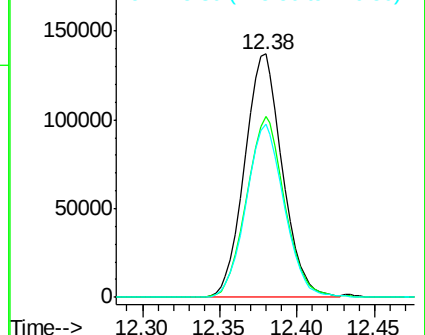
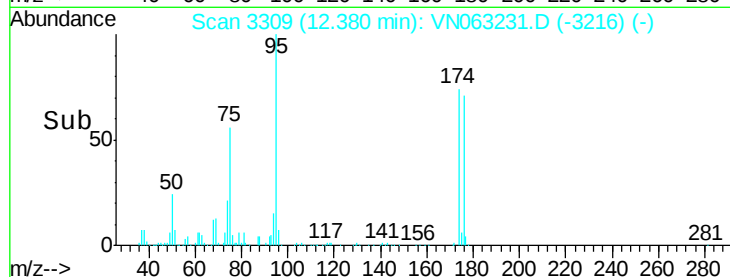
95 100

174 75.1 0.0 143.8

176 71.9 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063231.D (-3216) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063231.D

Acq: 3 Sep 2020 19:36

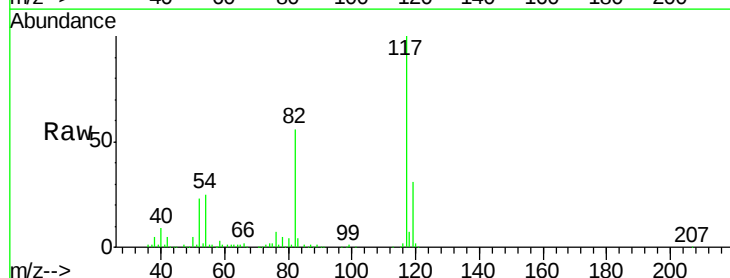
Tgt Ion: 117 Resp: 539545

Ion Ratio Lower Upper

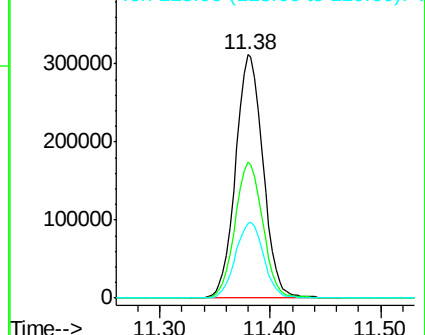
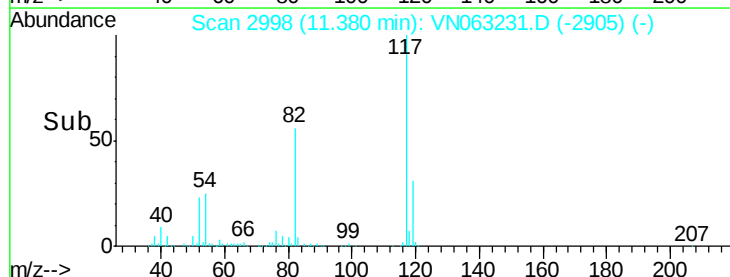
117 100

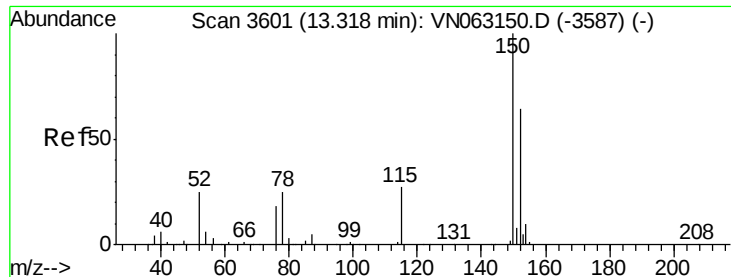
82 56.0 45.4 68.0

119 30.6 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): VN063231.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063231.D

Acq: 3 Sep 2020 19:36

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145D-20200901

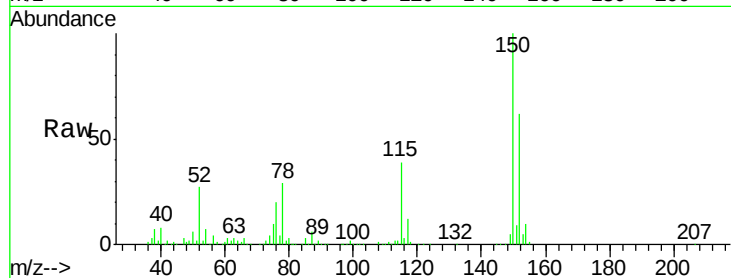
Tot Ion:152 Resp: 204596

Ion Ratio Lower Upper

152 100

115 62.1 32.0 96.2

150 161.4 0.0 353.0



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

