

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031320\
 Data File : VN060494.D
 Acq On : 13 Mar 2020 12:03
 Operator : JC/MD
 Sample : L1762-13ME
 Misc : 4.33g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220ME

Quant Time: Mar 16 09:38:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

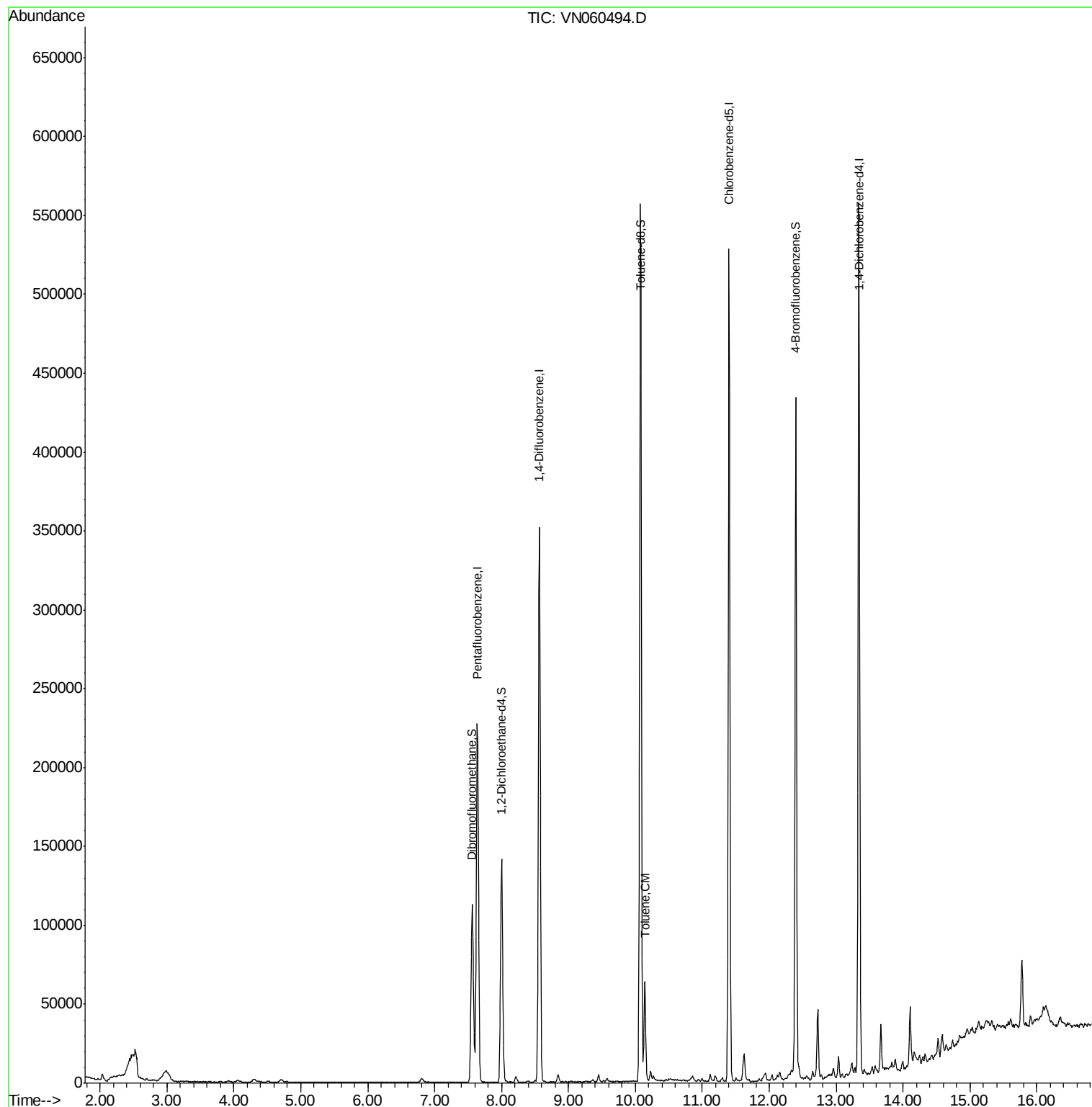
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	307617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119079	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	7.56	113	88293	61.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.68%	
50) Toluene-d8	10.08	98	380914	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.40	95	149012	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
Target Compounds						
52) Toluene	10.14	92	24058	4.488	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

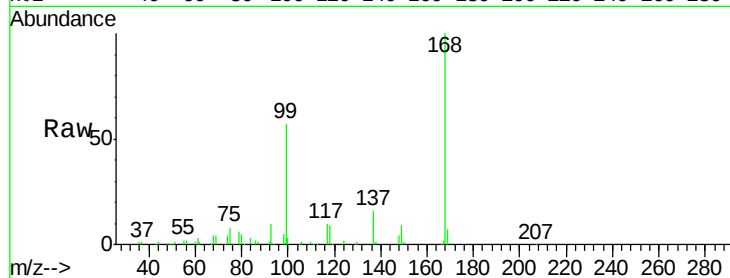
TR-04-031220ME

Tot Ion:168 Resp: 187155

Ion Ratio Lower Upper

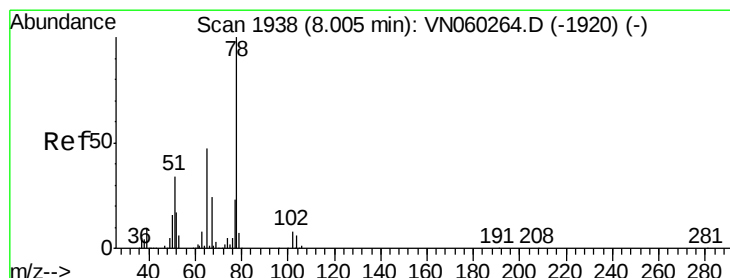
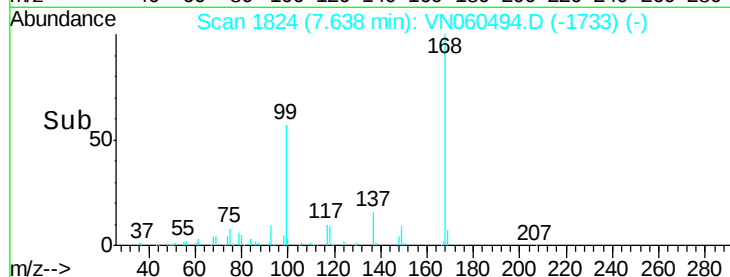
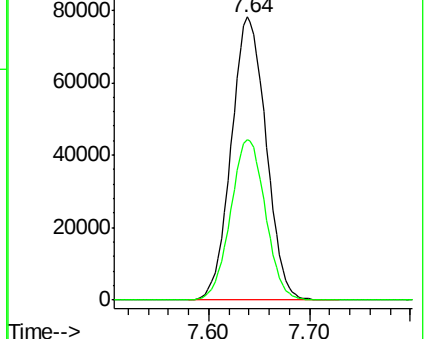
168 100

99 56.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.591 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060494.D

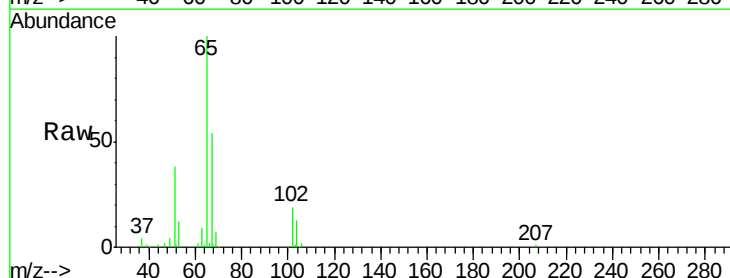
Acq: 13 Mar 2020 12:03

Tgt Ion: 65 Resp: 119079

Ion Ratio Lower Upper

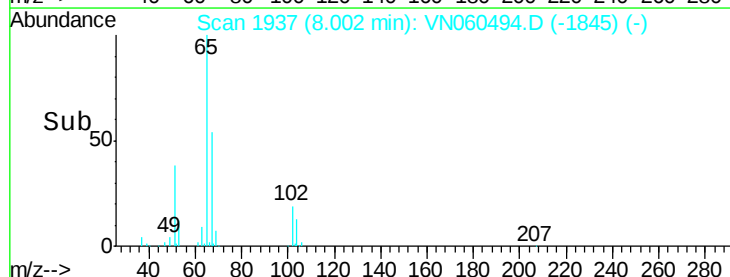
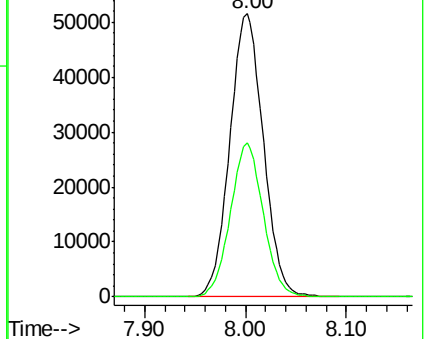
65 100

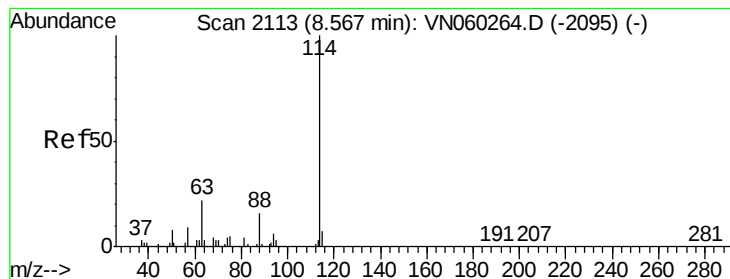
67 53.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220ME

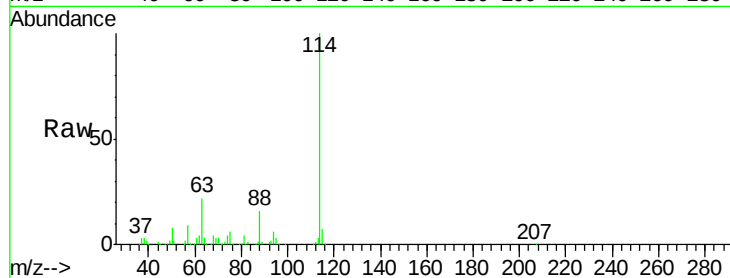
Tot Ion:114 Resp: 307617

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

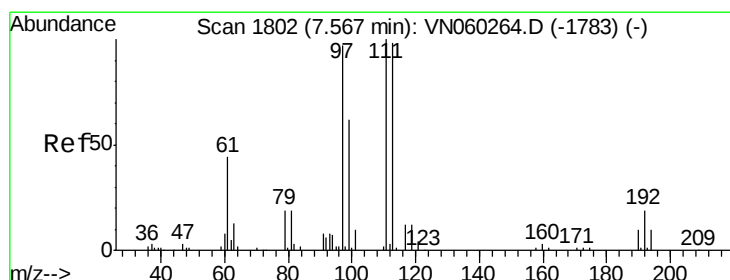
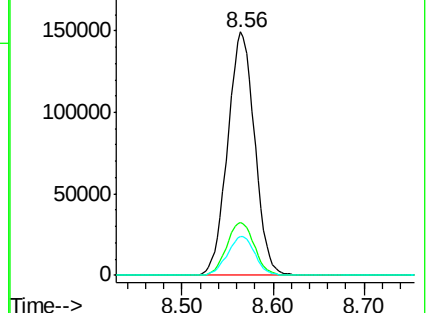
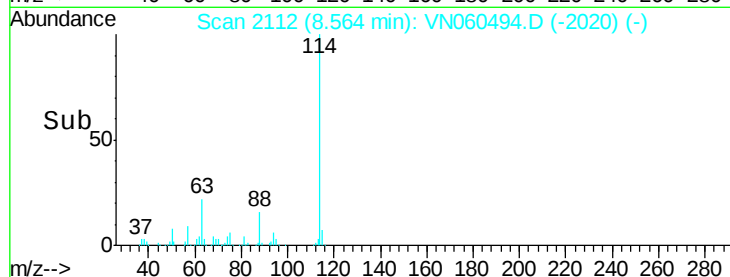
88 16.1 0.0 31.6



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: 61.836 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

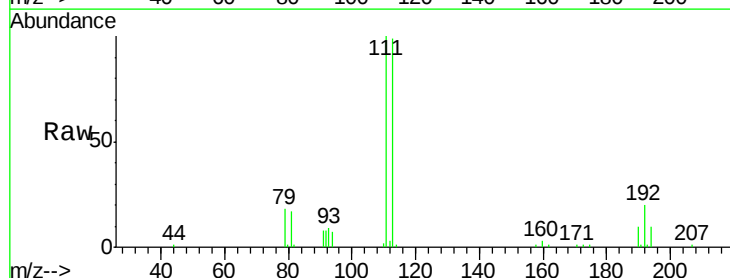
Tgt Ion:113 Resp: 88293

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

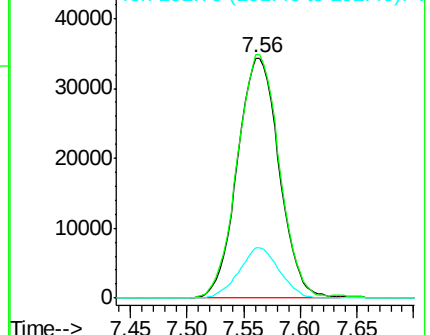
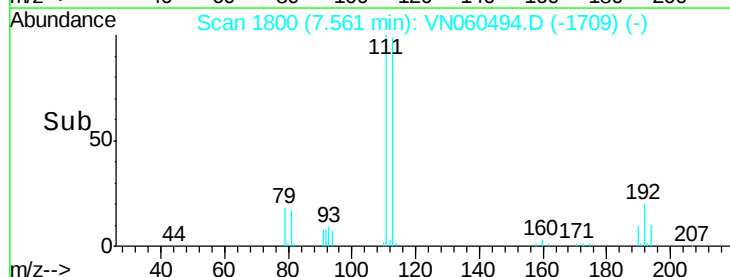
192 20.1 16.2 24.2

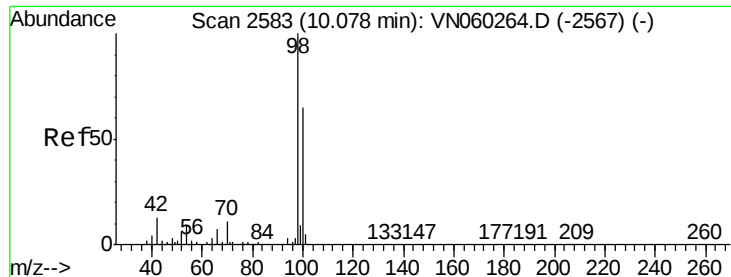


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.710 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

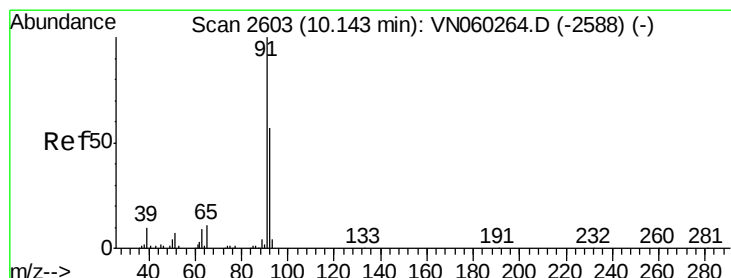
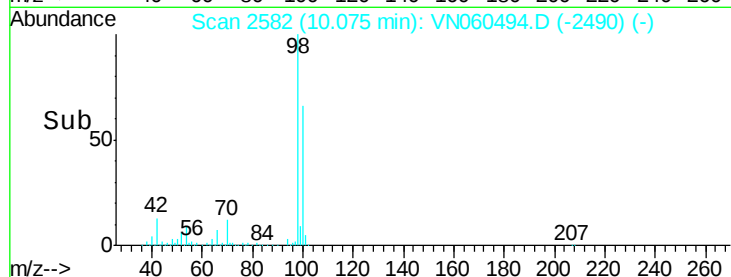
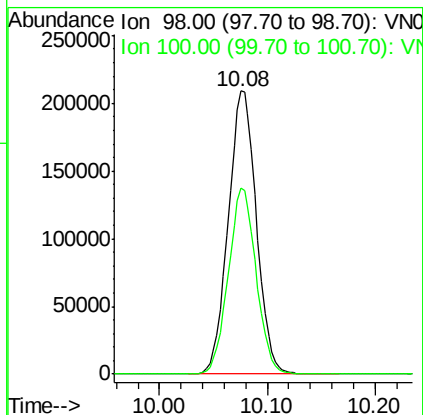
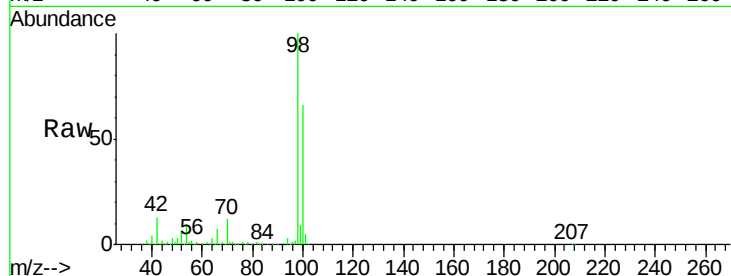
TR-04-031220ME

Tot Ion: 98 Resp: 380914

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#52

Toluene

Concen: 4.488 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060494.D

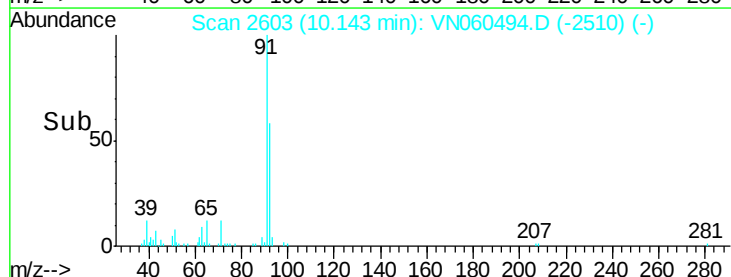
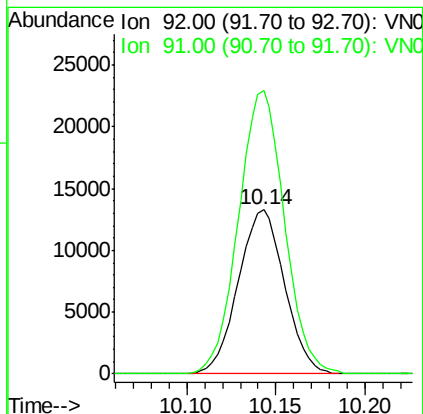
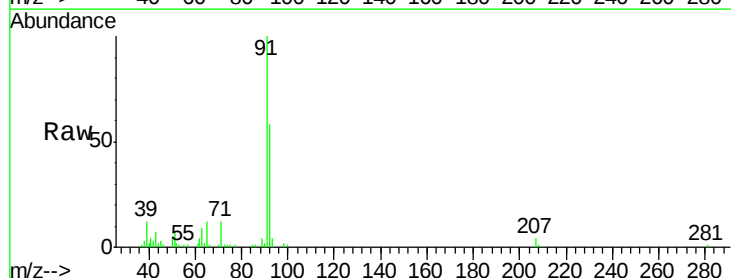
Acq: 13 Mar 2020 12:03

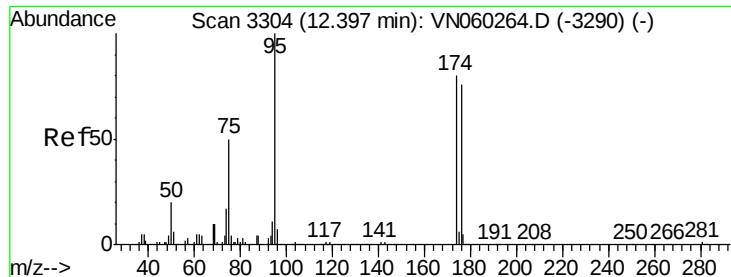
Tgt Ion: 92 Resp: 24058

Ion Ratio Lower Upper

92 100

91 171.8 138.1 207.1





#62

4-Bromofluorobenzene

Concen: 54.396 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220ME

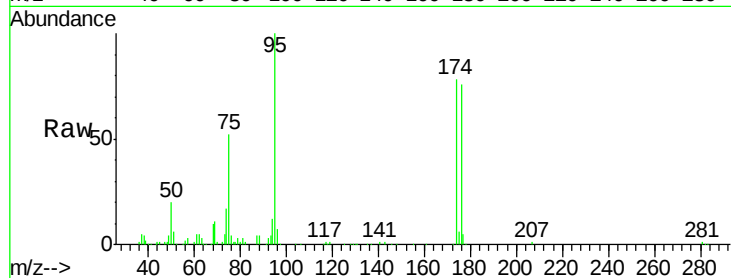
Tot Ion: 95 Resp: 149012

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.2

176 76.3 0.0 153.8

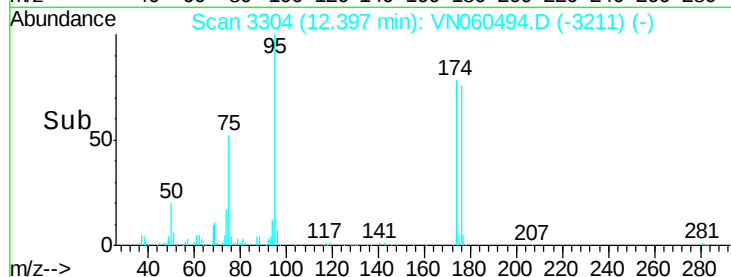


Abundance Ion 94.90 (94.60 to 95.60): VN060494.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060494.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060494.D (-3290) (-)

Time--> 12.30 12.35 12.40 12.45

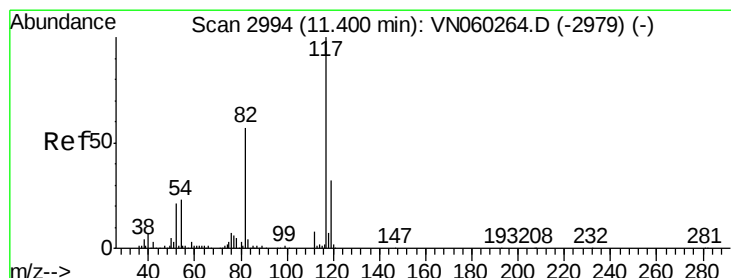


Abundance Ion 94.90 (94.60 to 95.60): VN060494.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060494.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060494.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

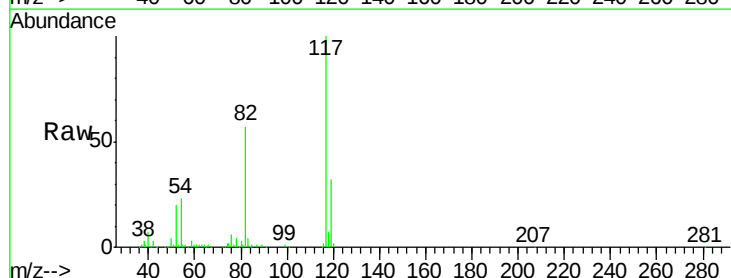
Tgt Ion: 117 Resp: 293487

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

119 31.9 25.8 38.8

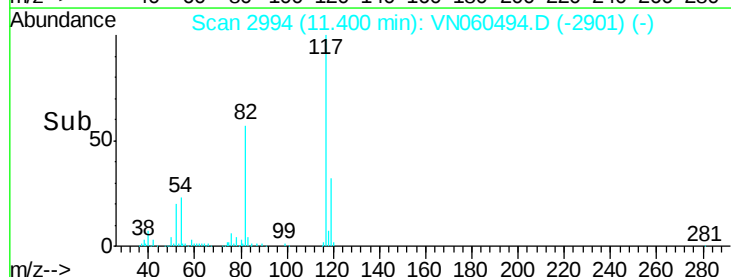


Abundance Ion 116.90 (116.60 to 117.60): VN060494.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060494.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060494.D (-2979) (-)

Time--> 11.30 11.40 11.50

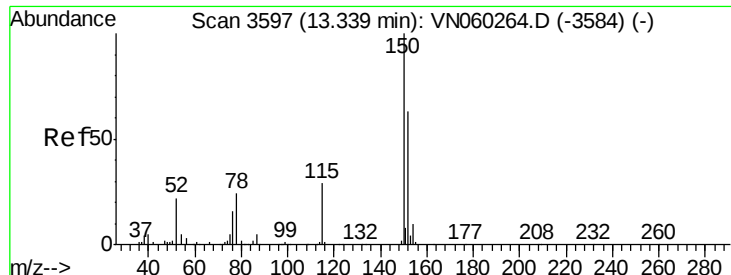


Abundance Ion 116.90 (116.60 to 117.60): VN060494.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060494.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060494.D (-2901) (-)

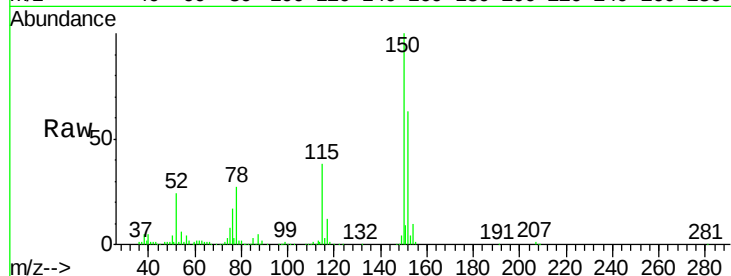
Time--> 11.30 11.40 11.50



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN060494.D
 Acq: 13 Mar 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220ME

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.0	90.0
150	159.3	0.0	349.6



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

