

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063056.D
 Acq On : 21 Aug 2020 00:28
 Operator : JC/MD
 Sample : L3722-02RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-02RE

Quant Time: Aug 21 09:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

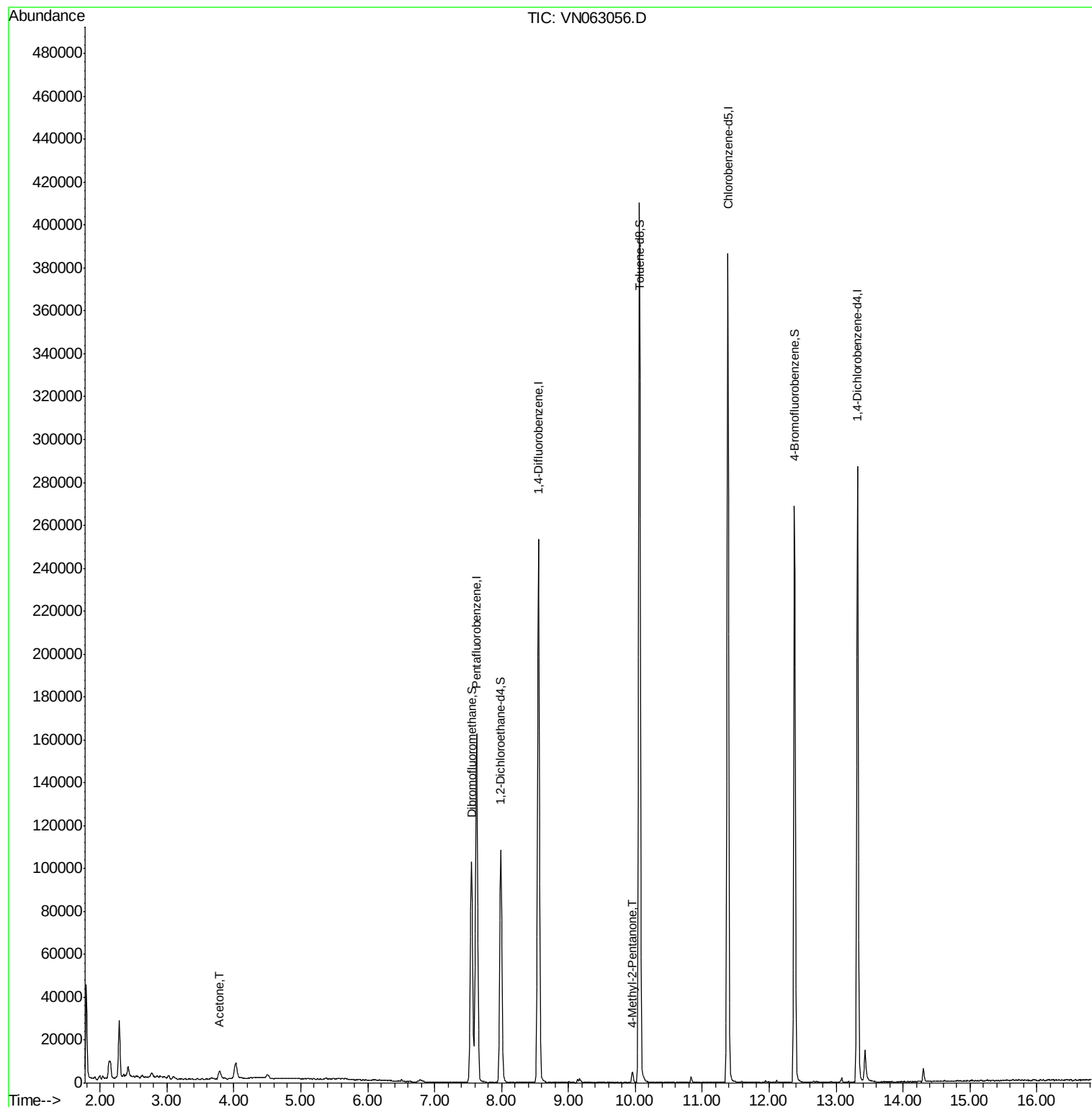
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	228480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	92391	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.10%	
35) Dibromofluoromethane	7.55	113	78838	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.06	98	293484	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.38	95	93673	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
16) Acetone	3.78	43	7163	10.552	ug/l	96
51) 4-Methyl-2-Pentanone	9.96	43	3938	1.993	ug/l	88

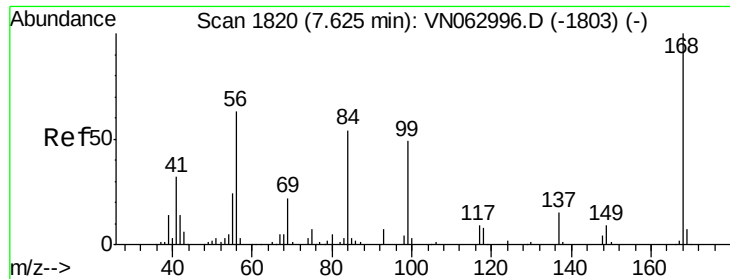
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 06:09:27 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063056.D

Acq: 21 Aug 2020 00:28

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MSVOA_N

ClientSampleId :

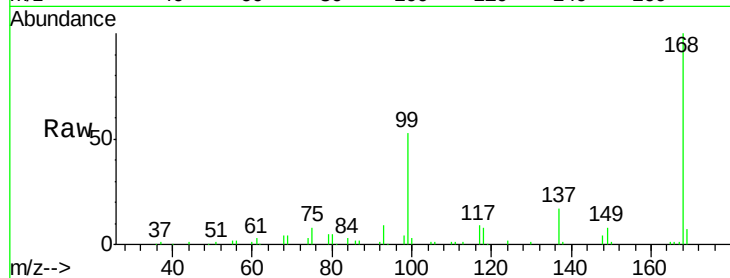
GW-02RE

Tot Ion:168 Resp: 135445

Ion Ratio Lower Upper

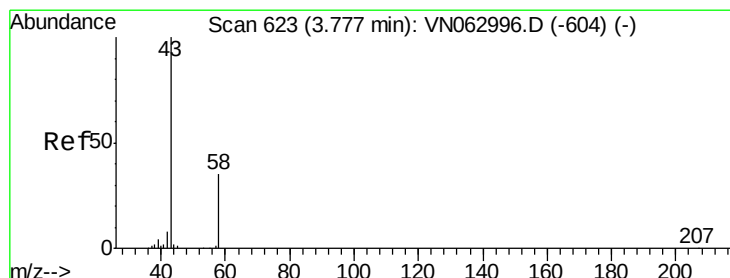
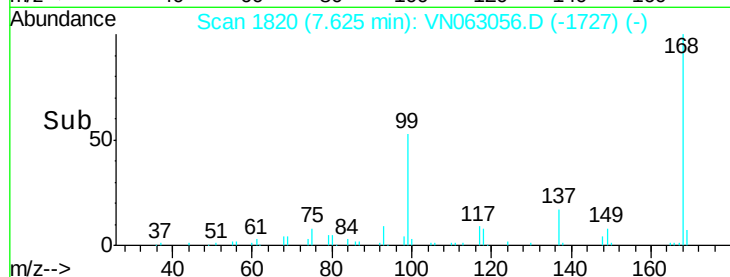
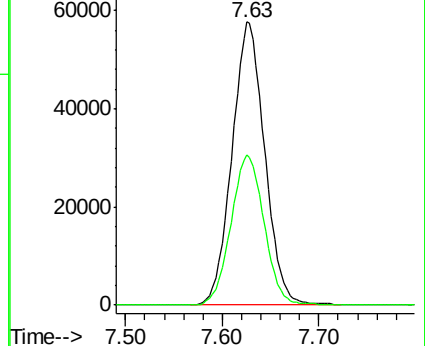
168 100

99 53.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.552 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063056.D

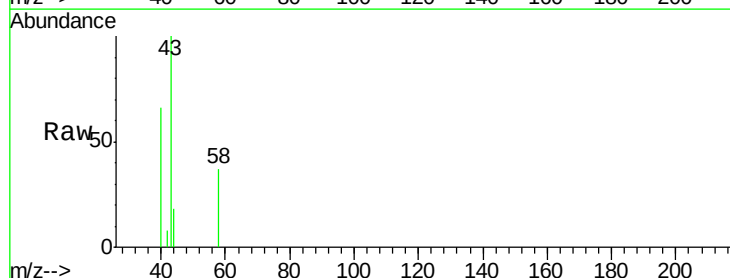
Acq: 21 Aug 2020 00:28

Tgt Ion: 43 Resp: 7163

Ion Ratio Lower Upper

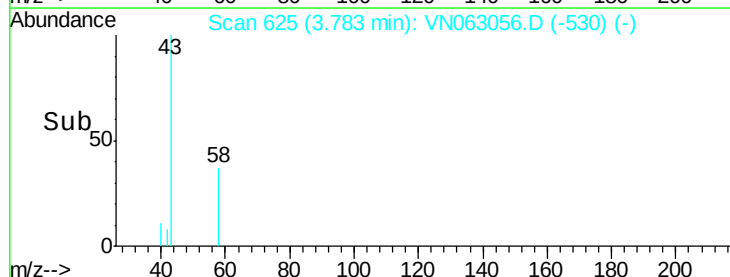
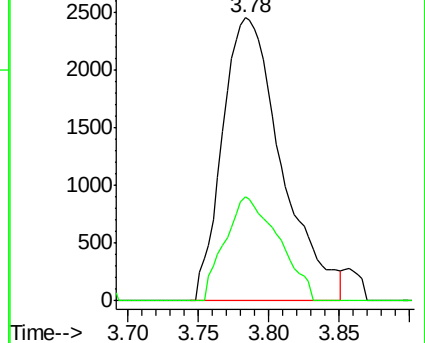
43 100

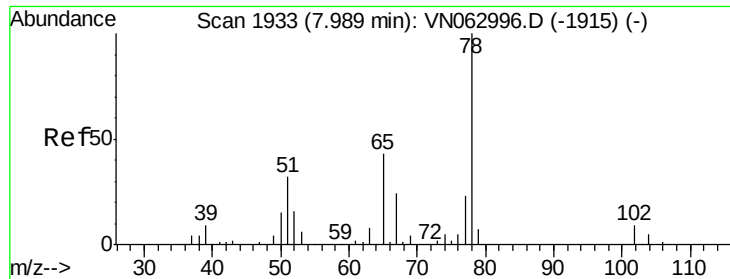
58 36.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

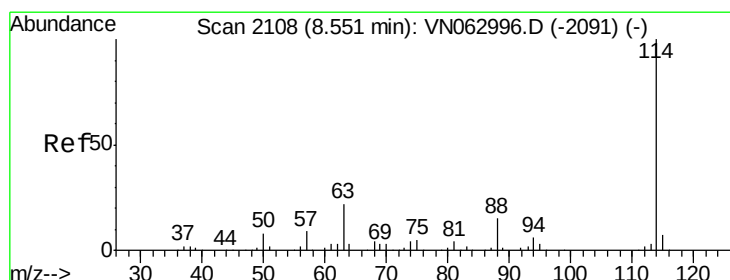
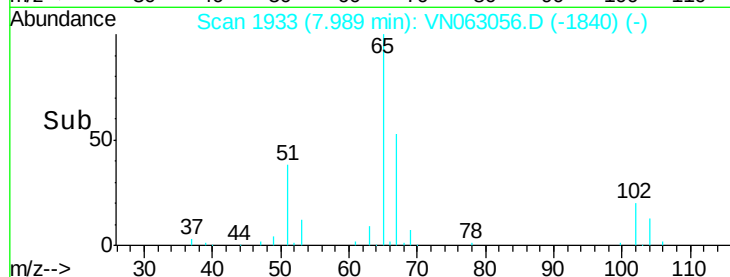
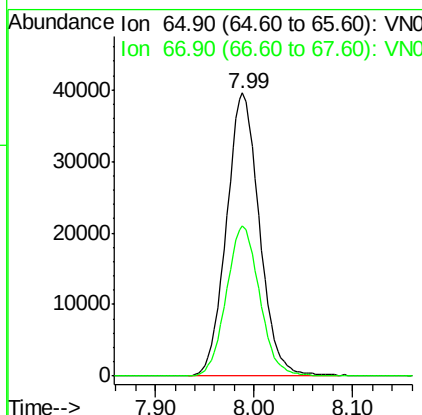
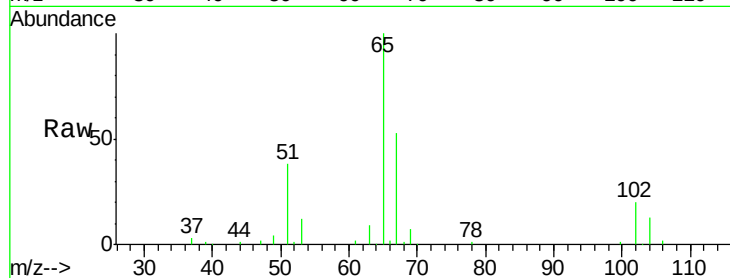




#33
 1,2-Dichloroethane-d4
 Concen: 57.555 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063056.D
 Acq: 21 Aug 2020 00:28

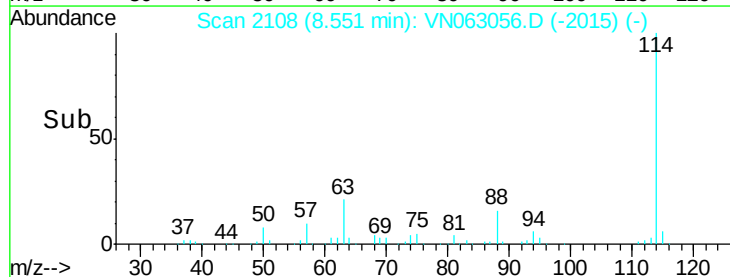
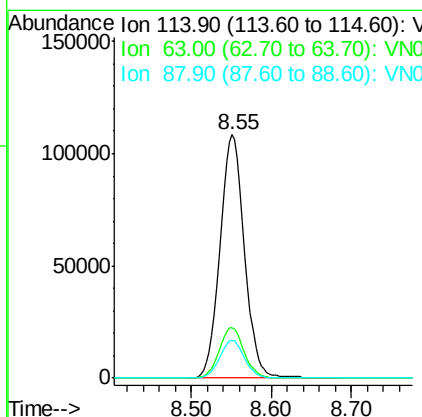
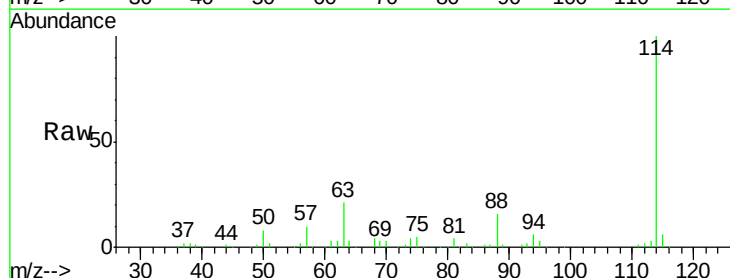
Instrument :
 MSVOA_N
 ClientSampleId :
 GW-02RE

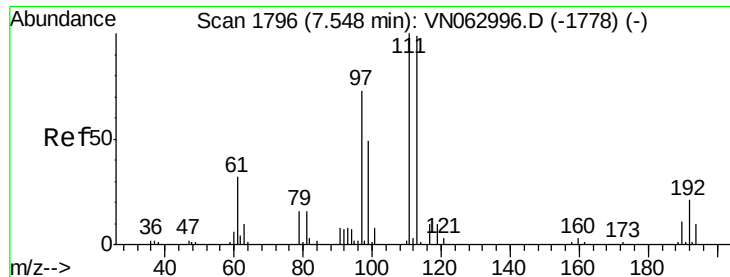
Tot Ion: 65 Resp: 92391
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063056.D
 Acq: 21 Aug 2020 00:28

Tgt Ion: 114 Resp: 228480
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.7 0.0 30.6

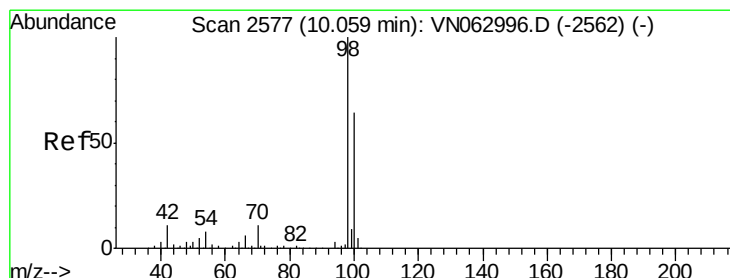
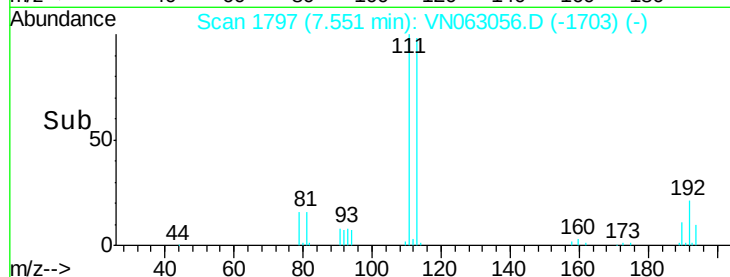
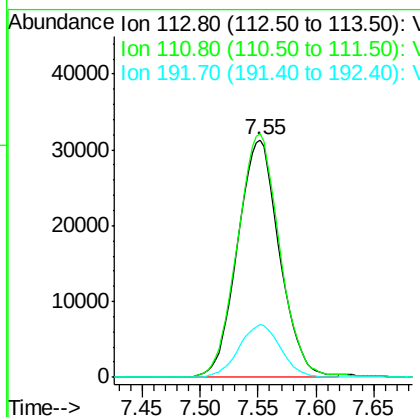
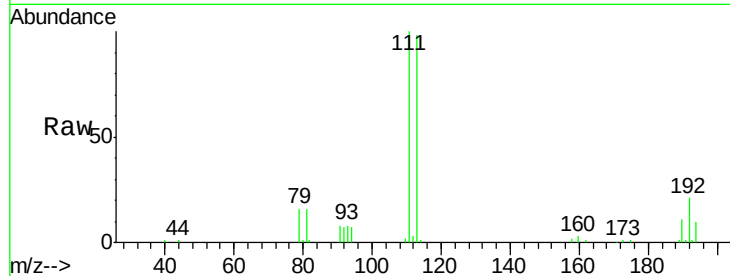




#35
 Dibromofluoromethane
 Concen: 52.955 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063056.D
 Acq: 21 Aug 2020 00:28

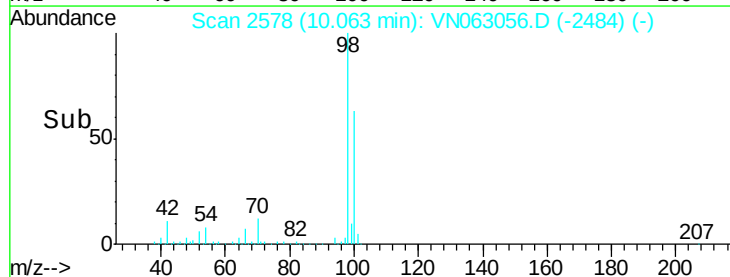
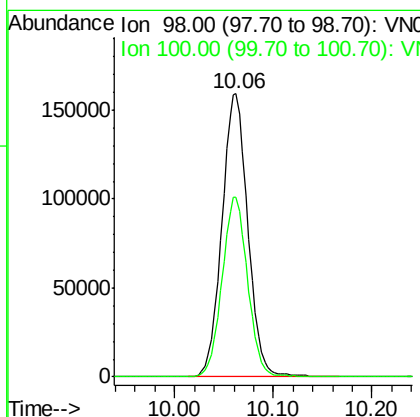
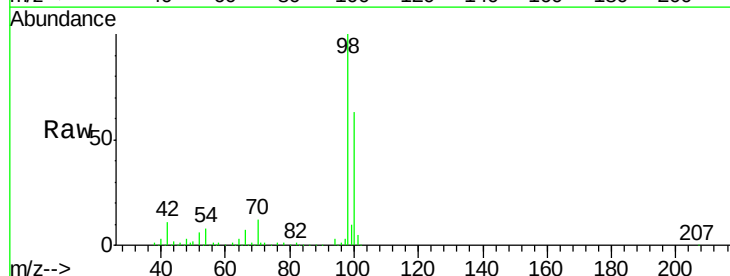
Instrument :
 MSVOA_N
 ClientSampleId :
 GW-02RE

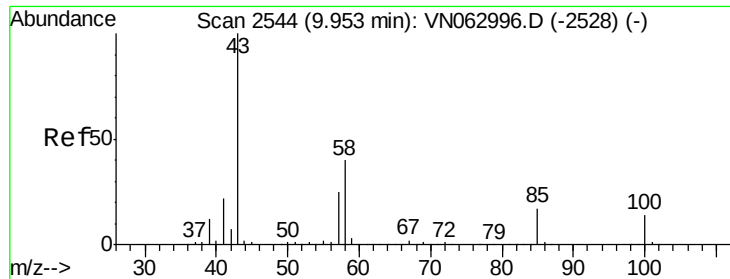
Tot Ion:113 Resp: 78838
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 22.1 17.5 26.3



#50
 Toluene-d8
 Concen: 51.322 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063056.D
 Acq: 21 Aug 2020 00:28

Tgt Ion: 98 Resp: 293484
 Ion Ratio Lower Upper
 98 100
 100 62.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.993 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063056.D

Acq: 21 Aug 2020 00:28

Instrument :

MSVOA_N

ClientSampleId :

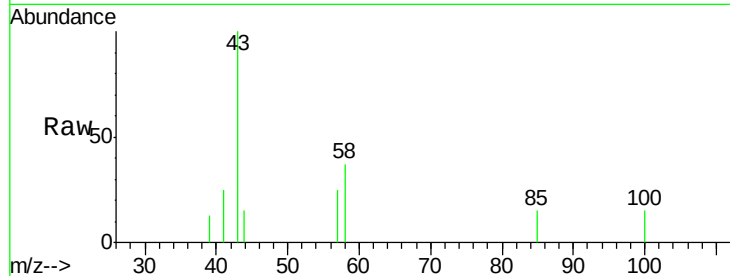
GW-02RE

Tot Ion: 43 Resp: 3938

Ion Ratio Lower Upper

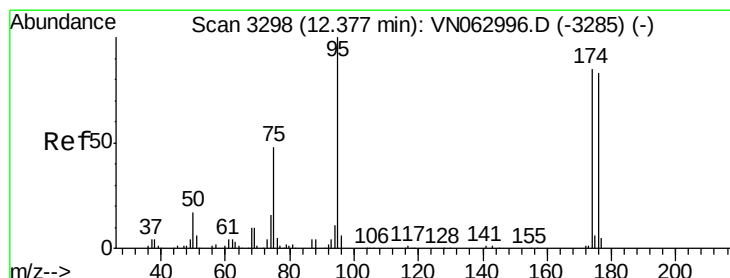
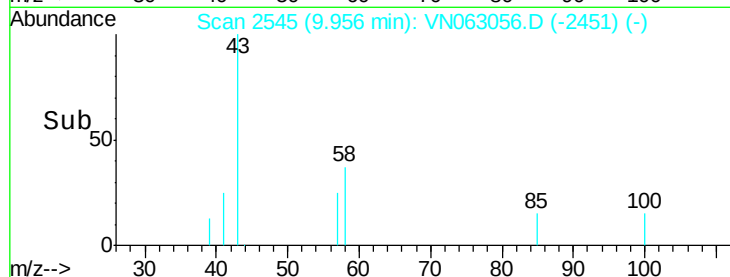
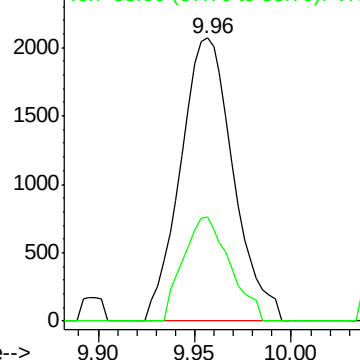
43 100

58 32.5 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)



#62

4-Bromofluorobenzene

Concen: 46.420 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063056.D

Acq: 21 Aug 2020 00:28

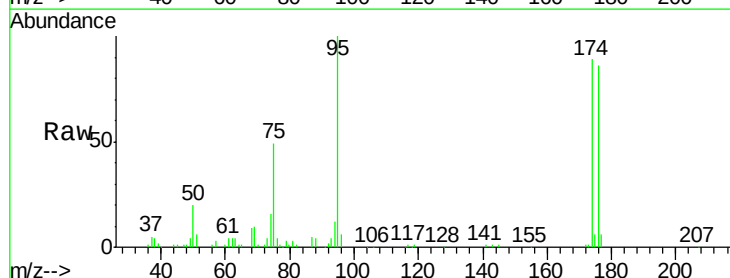
Tgt Ion: 95 Resp: 93673

Ion Ratio Lower Upper

95 100

174 89.1 0.0 170.8

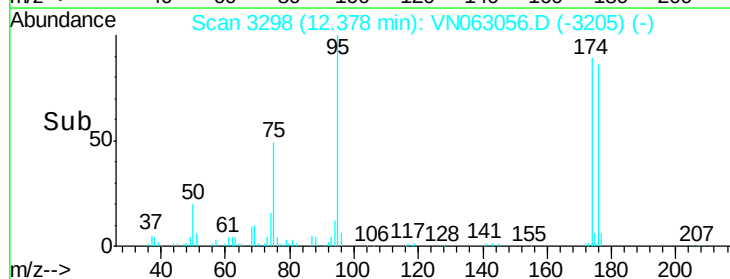
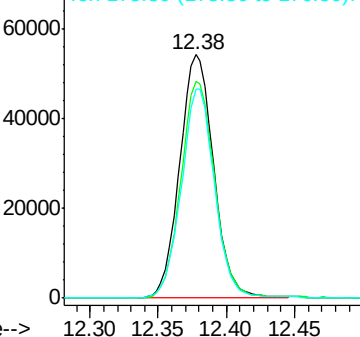
176 84.1 0.0 164.8

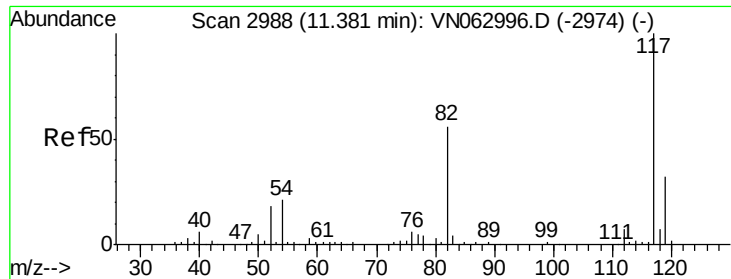


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063056.D

Acq: 21 Aug 2020 00:28

Instrument :

MSVOA_N

ClientSampleId :

GW-02RE

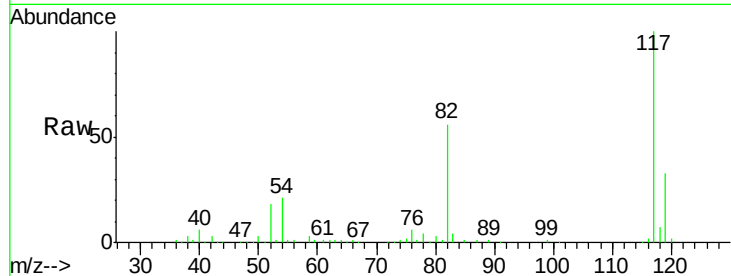
Tot Ion:117 Resp: 229826

Ion Ratio Lower Upper

117 100

82 56.1 44.5 66.7

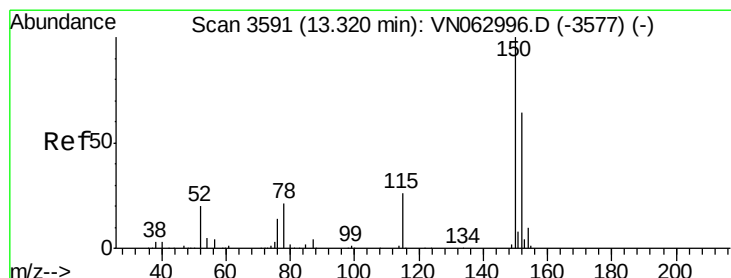
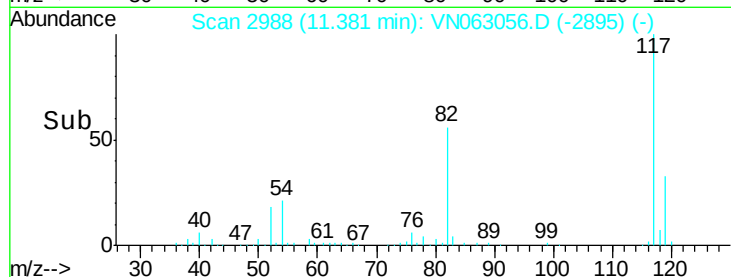
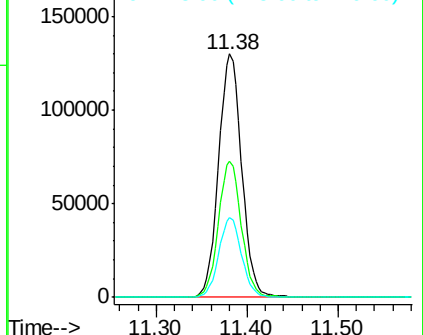
119 32.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063056.D

Acq: 21 Aug 2020 00:28

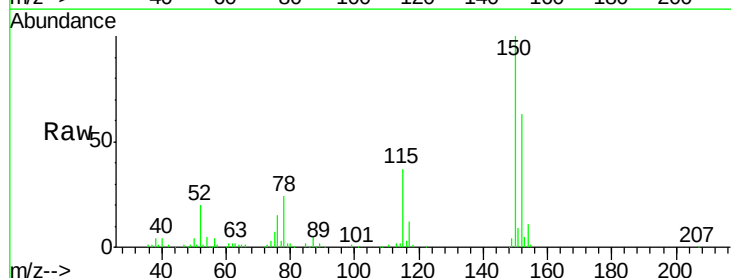
Tgt Ion:152 Resp: 82753

Ion Ratio Lower Upper

152 100

115 57.7 28.7 86.3

150 158.0 0.0 348.8



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

