

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063693.D
 Acq On : 25 Sep 2020 21:06
 Operator : JC/MD
 Sample : L4133-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Quant Time: Sep 28 03:22:43 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	197970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	362742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153886	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	171097	50.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.54%	
35) Dibromofluoromethane	7.55	113	124726	49.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.34%	
50) Toluene-d8	10.06	98	474154	50.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.38	95	182827	52.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.64%	

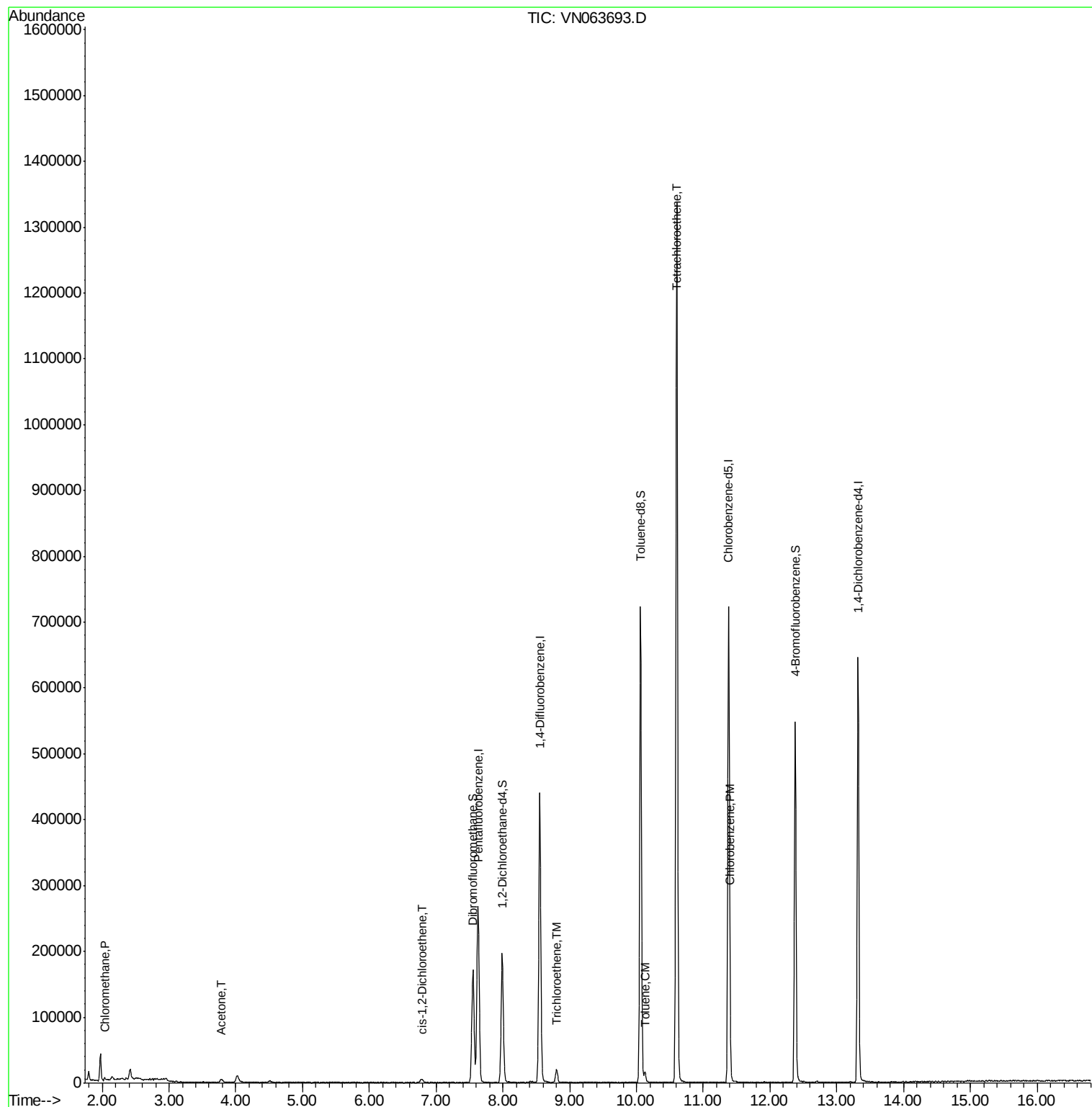
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2486	0.838	ug/l #	78
16) Acetone	3.78	43	8516	7.863	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	2357	0.841	ug/l	40
44) Trichloroethene	8.80	130	6595	2.465	ug/l	97
52) Toluene	10.13	92	5523	0.833	ug/l	96
64) Tetrachloroethene	10.60	164	276165	107.022	ug/l	99
65) Chlorobenzene	11.41	112	7893	0.981	ug/l	97

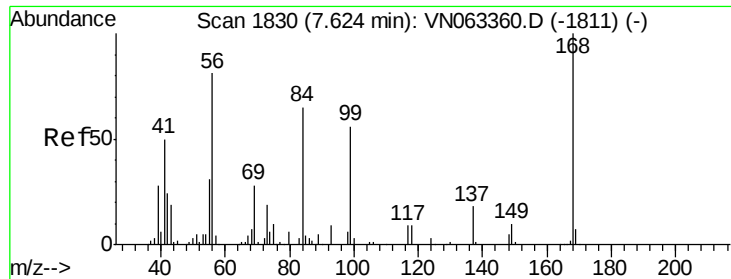
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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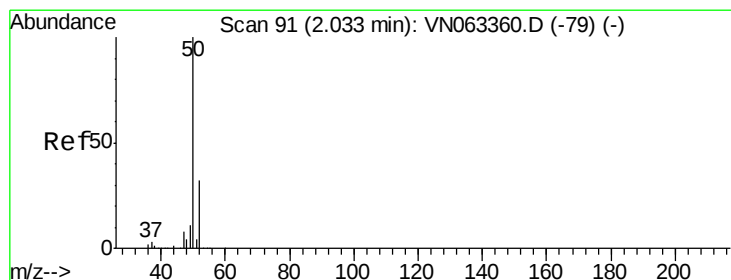
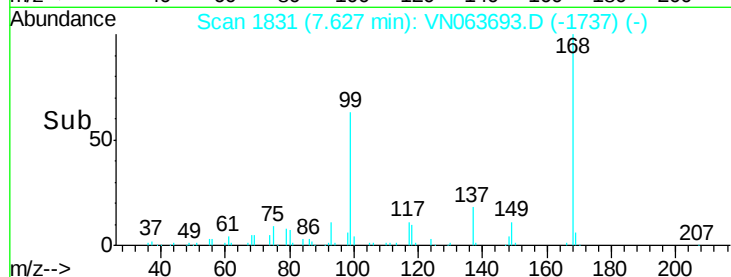
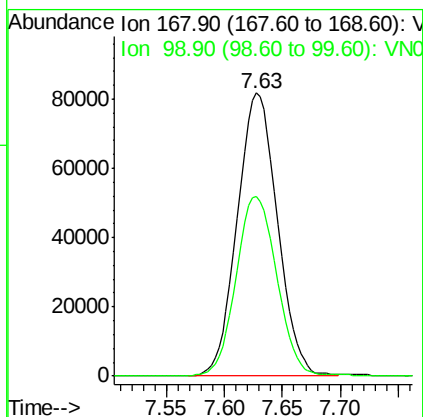
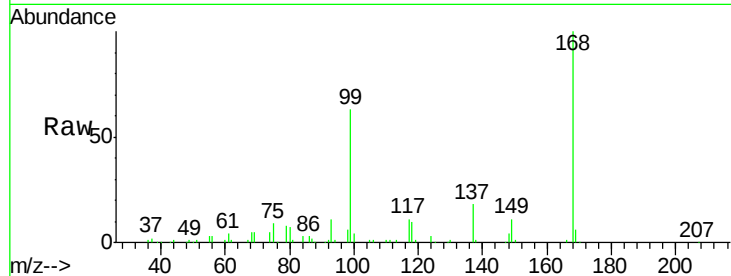




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063693.D
Acq: 25 Sep 2020 21:06

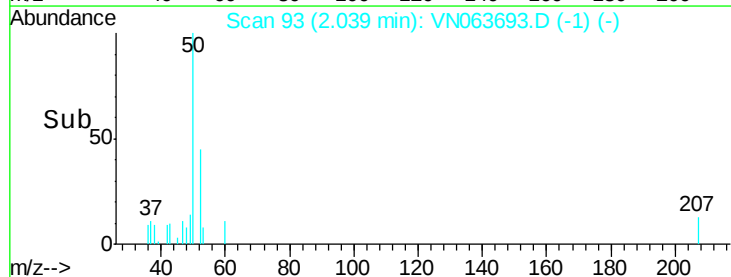
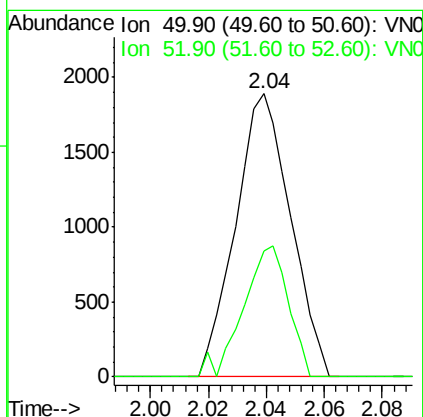
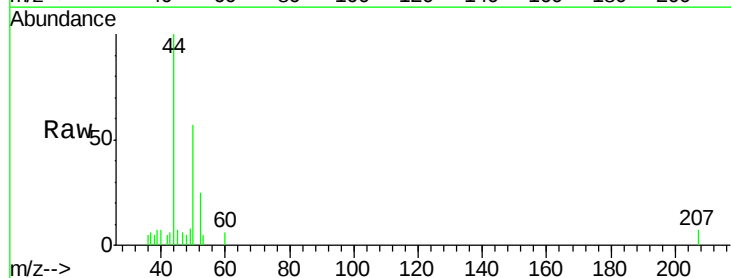
Instrument :
MSVOA_N
ClientSampled :
MW2

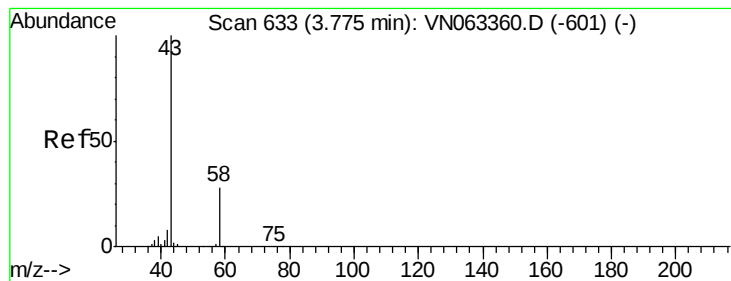
Tot Ion:168 Resp: 197970
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#3
Chloromethane
Concen: 0.838 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063693.D
Acq: 25 Sep 2020 21:06

Tgt Ion: 50 Resp: 2486
Ion Ratio Lower Upper
50 100
52 44.5 25.9 38.9#





#16

Acetone

Concen: 7.863 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampled :

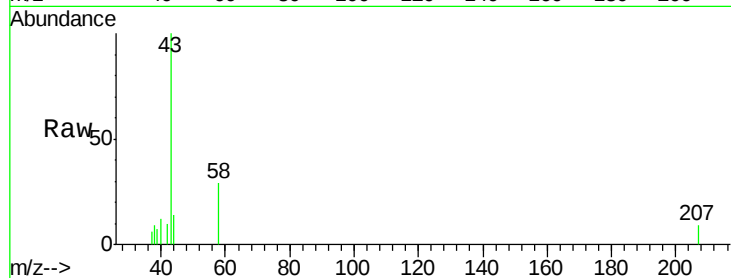
MW2

Tot Ion: 43 Resp: 8516

Ion Ratio Lower Upper

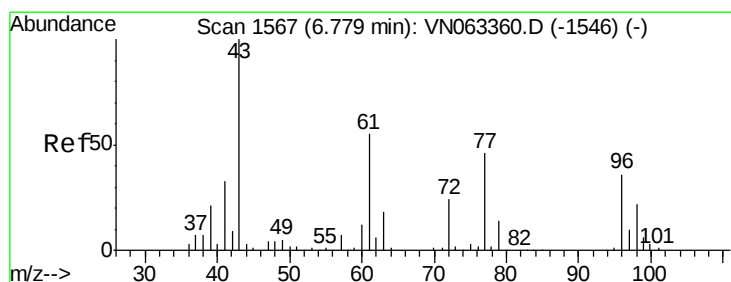
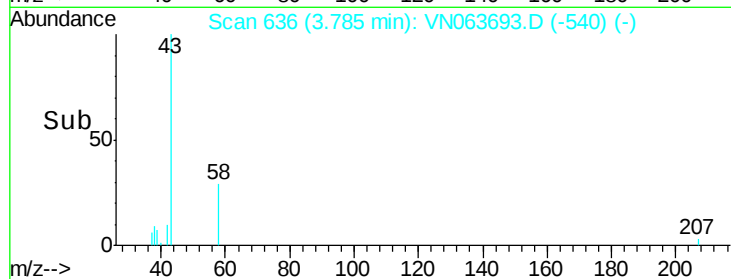
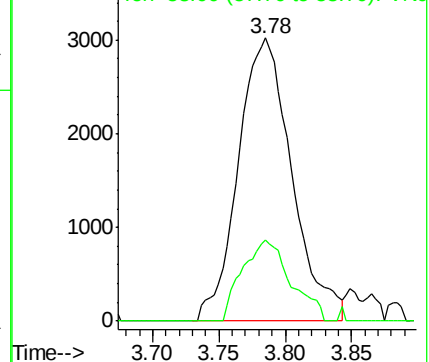
43 100

58 28.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.841 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

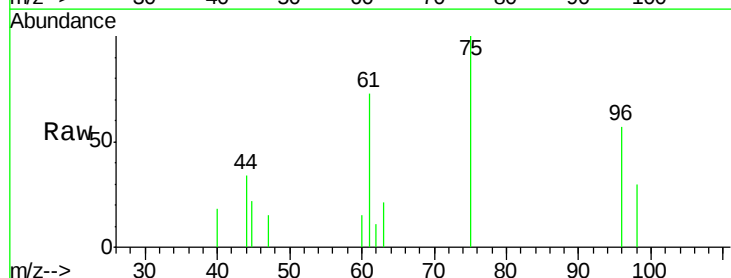
Tgt Ion: 96 Resp: 2357

Ion Ratio Lower Upper

96 100

61 72.8 0.0 319.6

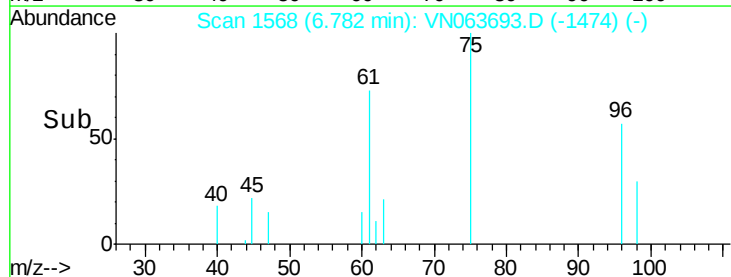
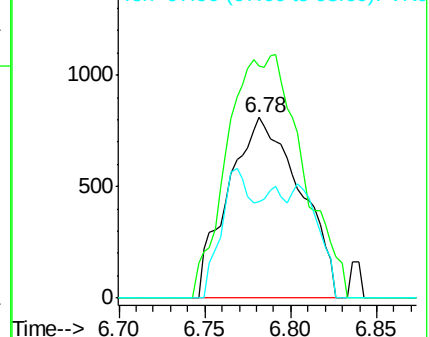
98 29.7 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.771 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampled :

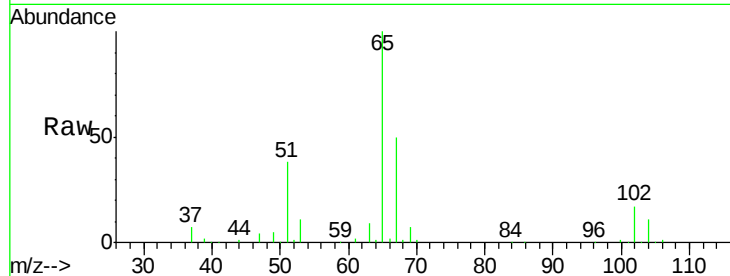
MW2

Tot Ion: 65 Resp: 171097

Ion Ratio Lower Upper

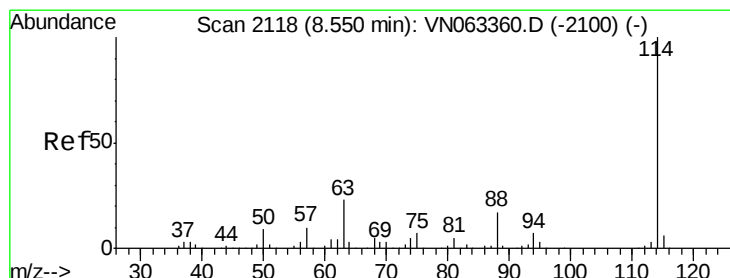
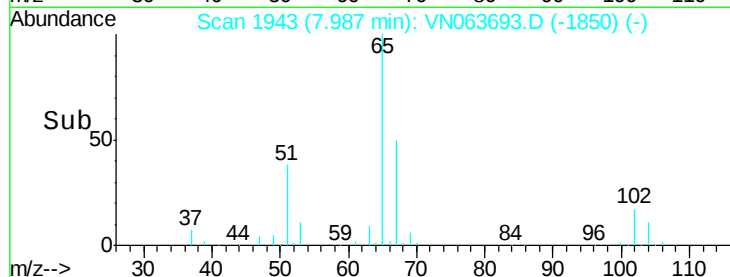
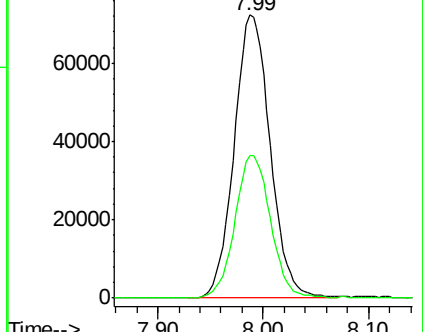
65 100

67 50.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063693.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063693.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

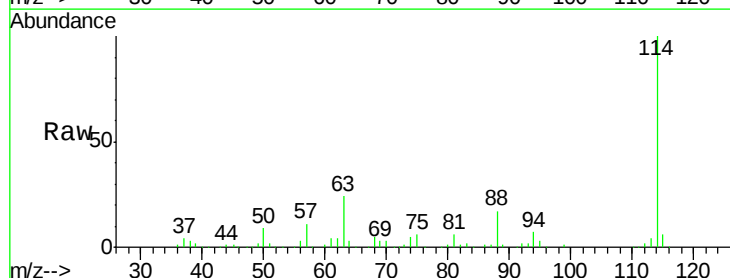
Tgt Ion: 114 Resp: 362742

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.4

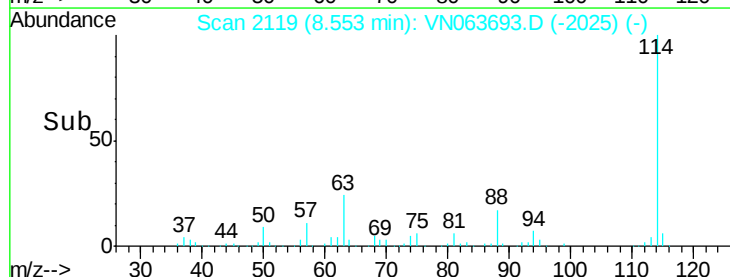
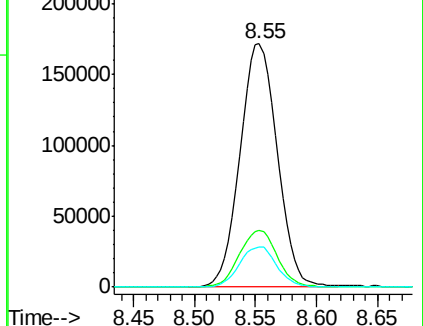
88 16.5 0.0 33.2

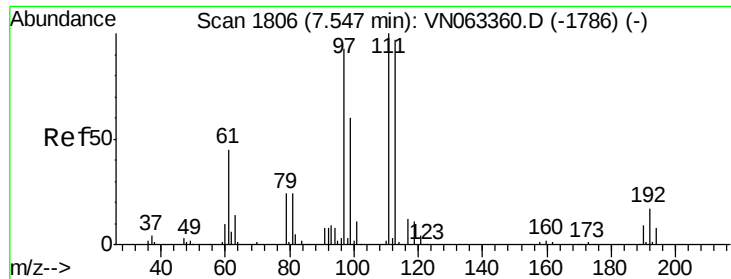


Abundance Ion 113.90 (113.60 to 114.60): VN063693.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063693.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063693.D (-2025) (-)

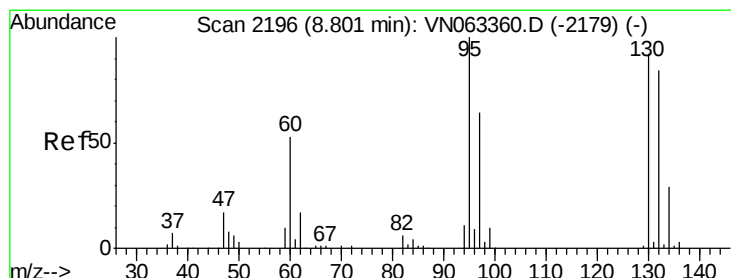
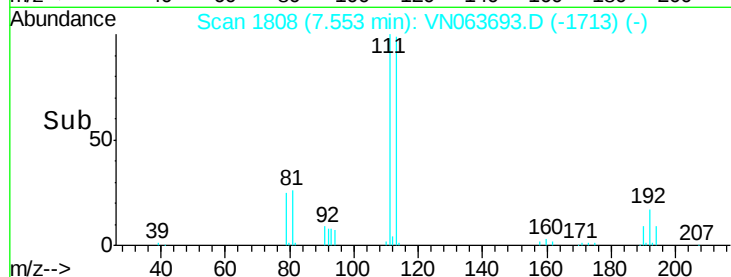
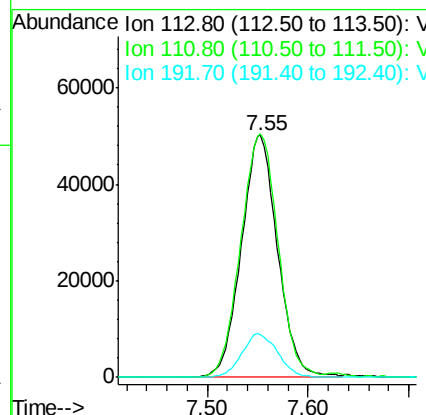
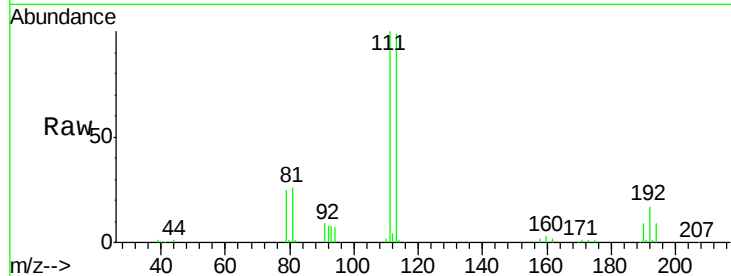




#35
 Dibromofluoromethane
 Concen: 49.668 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063693.D
 Acq: 25 Sep 2020 21:06

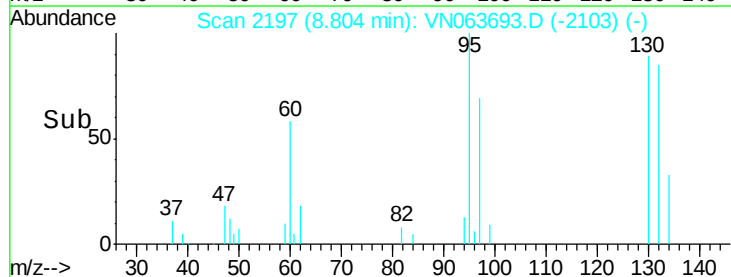
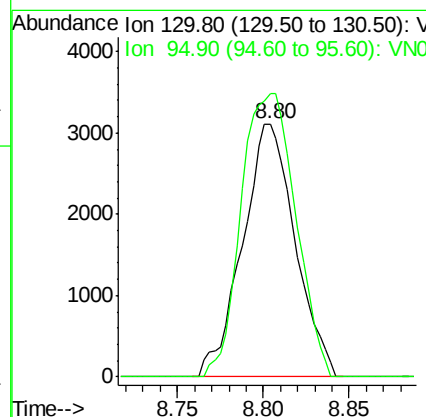
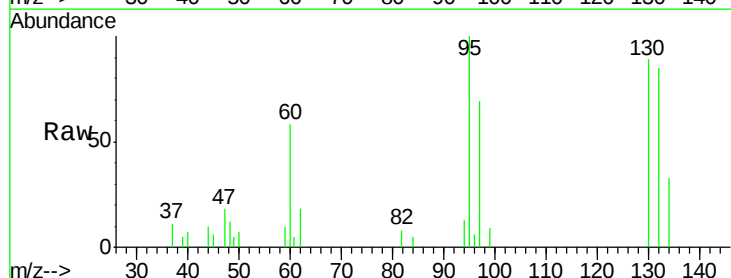
Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Tot Ion:113 Resp: 124726
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 17.9 13.9 20.9



#44
 Trichloroethene
 Concen: 2.465 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063693.D
 Acq: 25 Sep 2020 21:06

Tgt Ion:130 Resp: 6595
 Ion Ratio Lower Upper
 130 100
 95 111.8 0.0 217.4





#50

Toluene-d8

Concen: 50.215 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

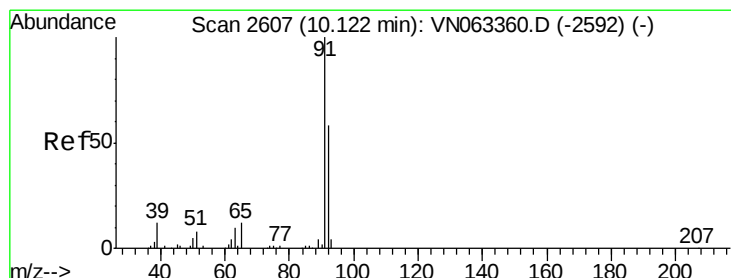
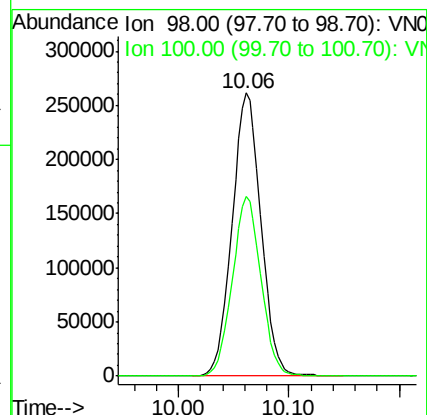
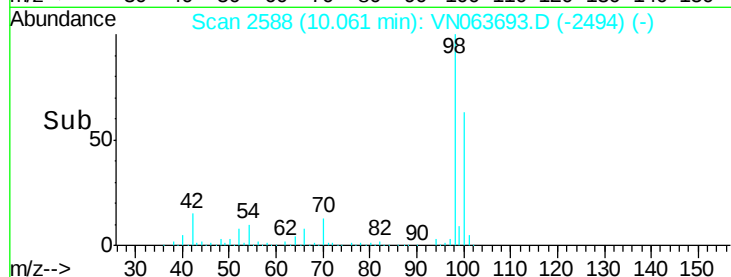
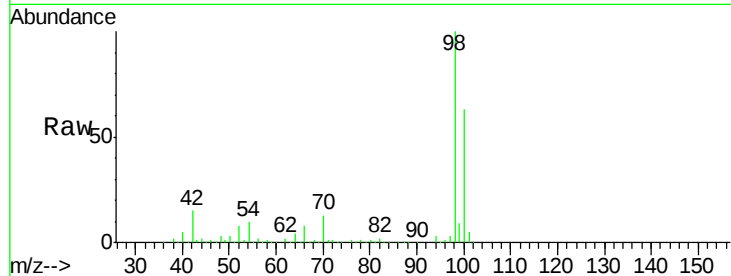
MW2

Tot Ion: 98 Resp: 474154

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



#52

Toluene

Concen: 0.833 ug/l

RT: 10.13 min Scan# 2610

Delta R.T. 0.01 min

Lab File: VN063693.D

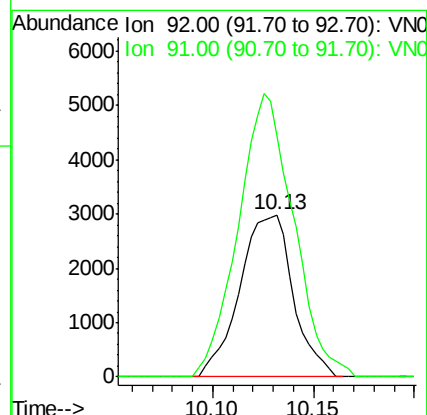
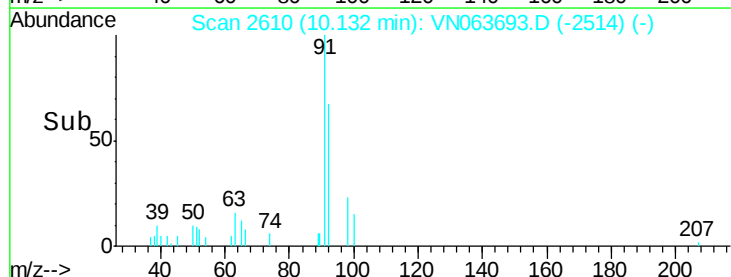
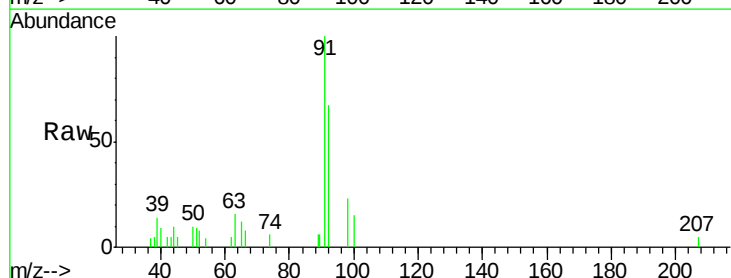
Acq: 25 Sep 2020 21:06

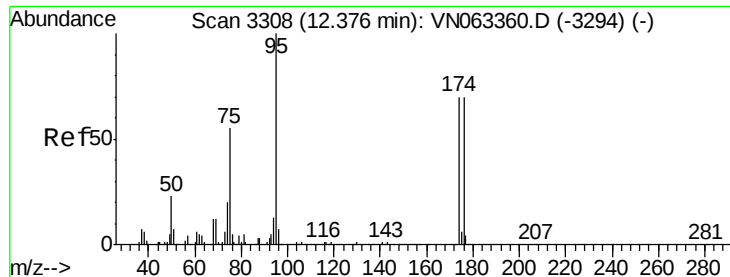
Tgt Ion: 92 Resp: 5523

Ion Ratio Lower Upper

92 100

91 180.7 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.818 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampled :

MW2

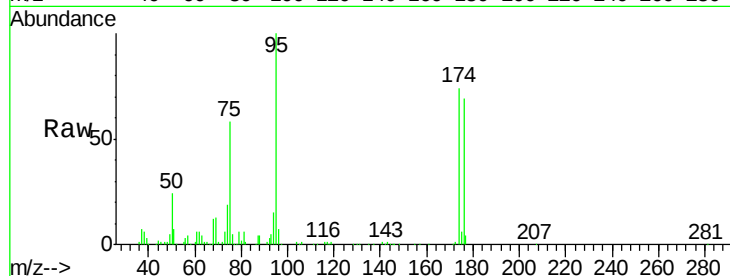
Tot Ion: 95 Resp: 182827

Ion Ratio Lower Upper

95 100

174 74.3 0.0 140.8

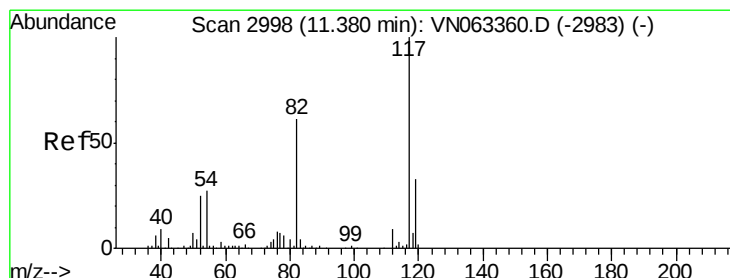
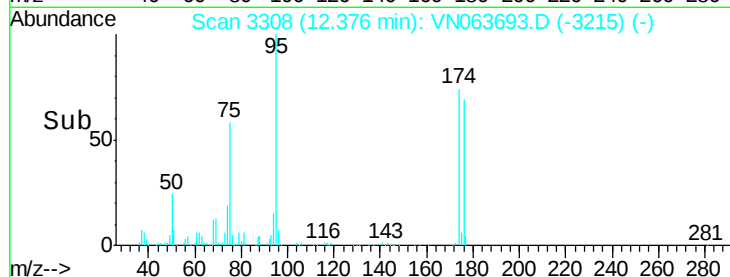
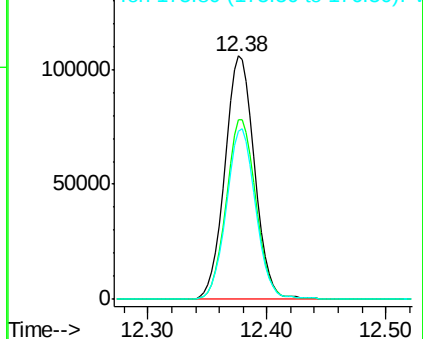
176 69.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063693.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063693.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063693.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

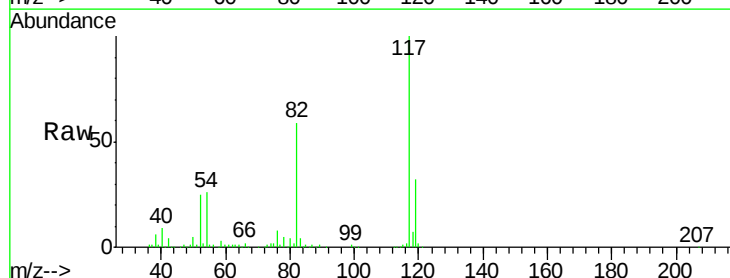
Tgt Ion: 117 Resp: 378961

Ion Ratio Lower Upper

117 100

82 58.8 49.2 73.8

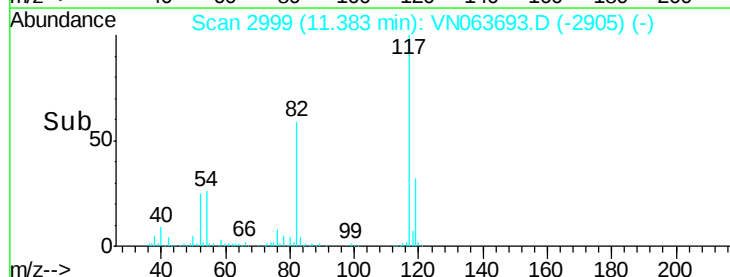
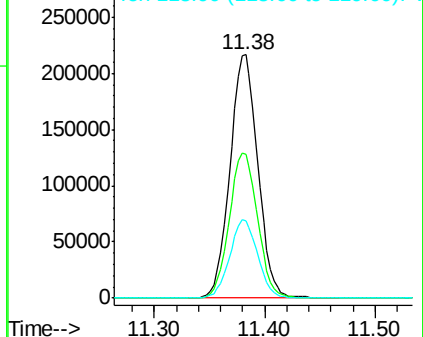
119 31.6 26.2 39.4

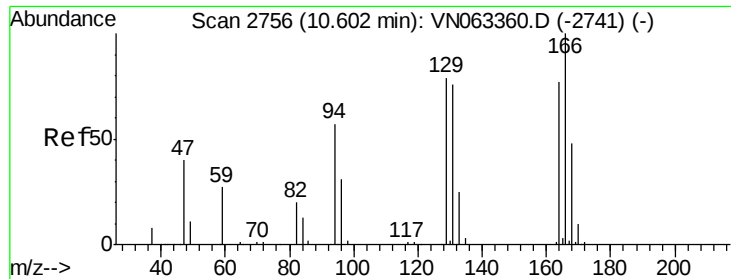


Abundance Ion 116.90 (116.60 to 117.60): VN063693.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063693.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063693.D (-2905) (-)





#64

Tetrachloroethene

Concen: 107.022 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

MW2

Tot Ion:164 Resp: 276165

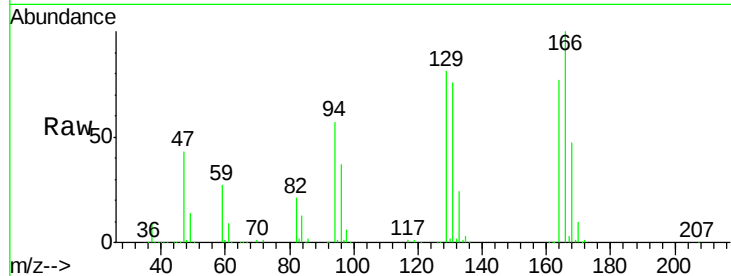
Ion Ratio Lower Upper

164 100

166 129.8 103.4 155.0

129 104.8 81.8 122.6

131 99.2 78.2 117.4



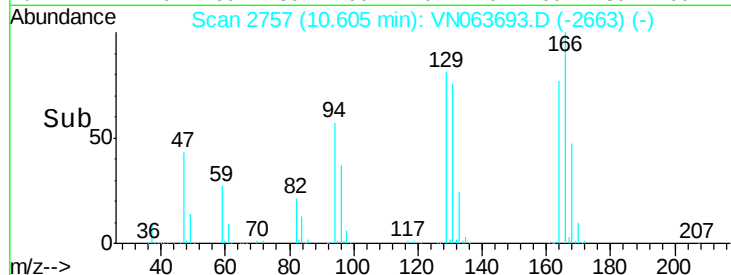
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

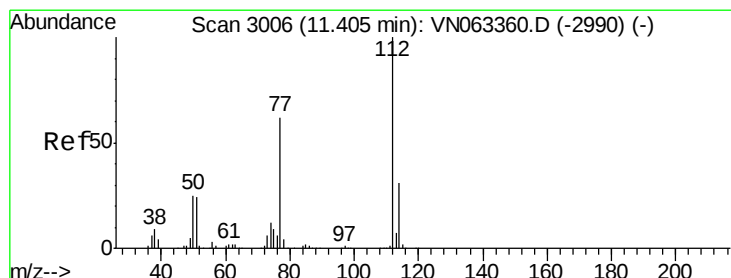
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#65

Chlorobenzene

Concen: 0.981 ug/l

RT: 11.41 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VN063693.D

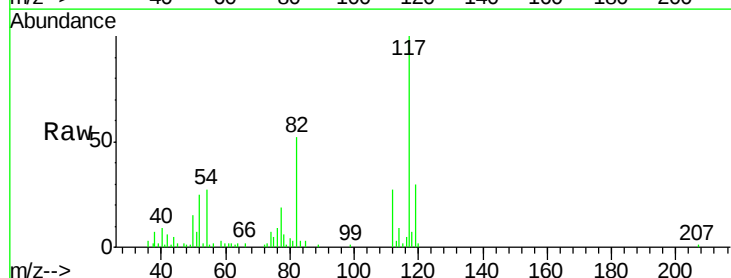
Acq: 25 Sep 2020 21:06

Tgt Ion:112 Resp: 7893

Ion Ratio Lower Upper

112 100

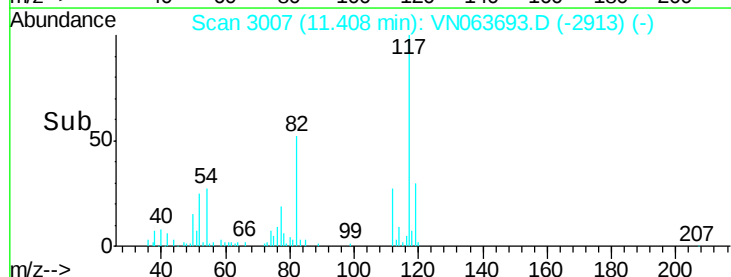
114 32.7 25.0 37.6



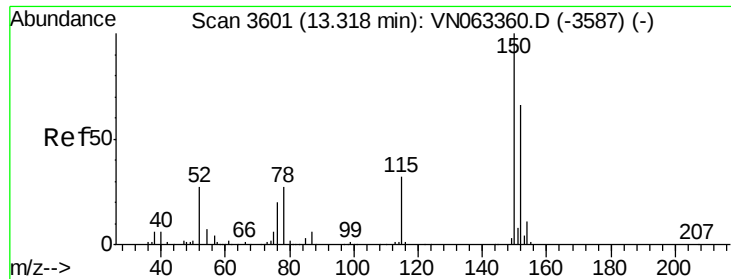
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063693.D

Acq: 25 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

MW2

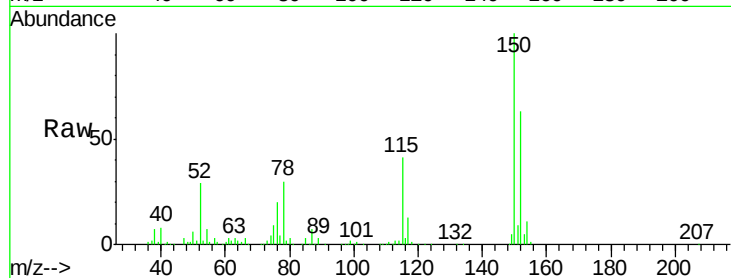
Tot Ion:152 Resp: 153886

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

150 158.2 0.0 343.4



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

