

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063057.D
 Acq On : 21 Aug 2020 00:52
 Operator : JC/MD
 Sample : L3737-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200818

Quant Time: Aug 21 07:14:32 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

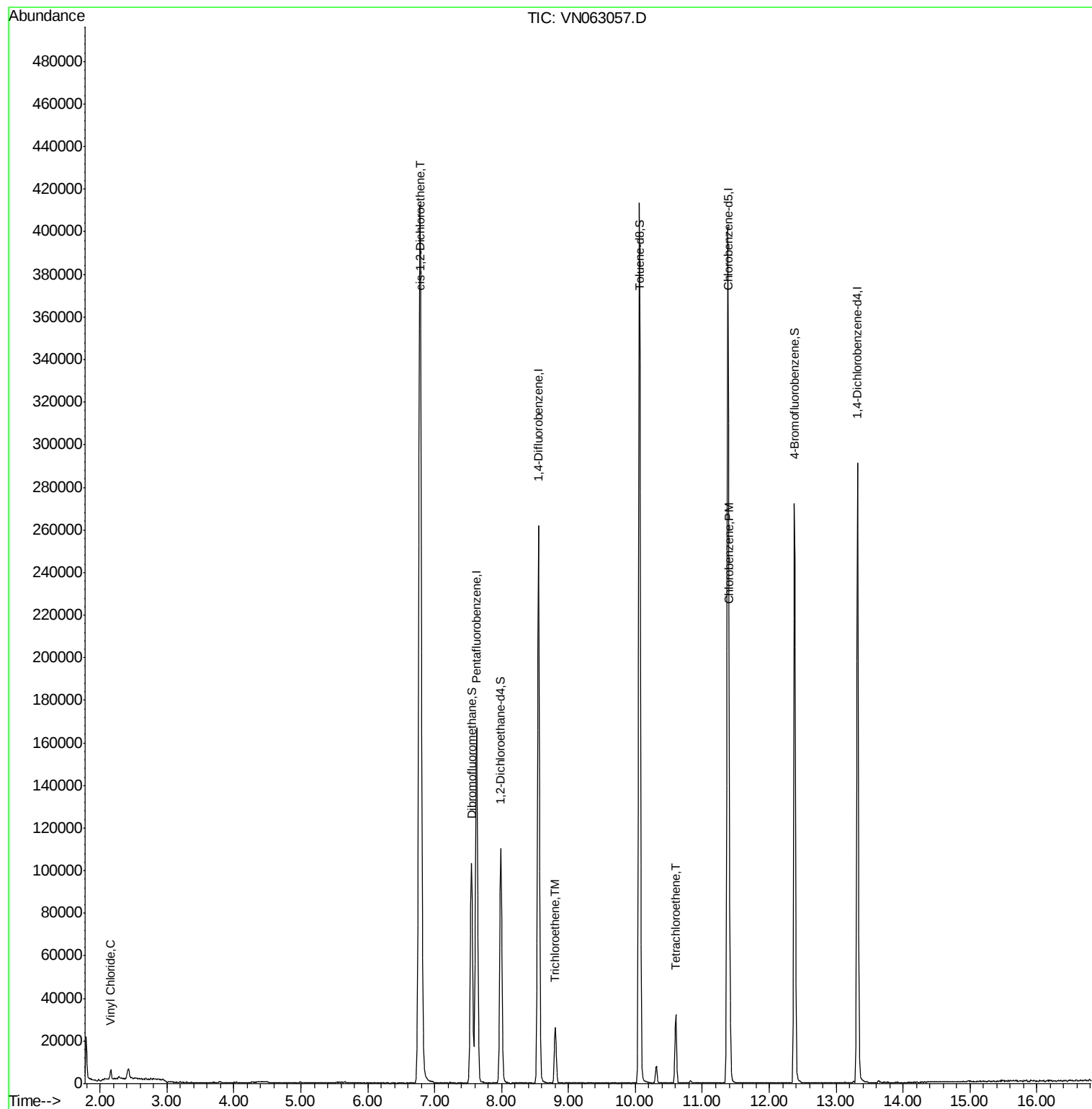
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	235058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	93929	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	7.55	113	81705	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.06	98	298622	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.38	95	96723	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
4) Vinyl Chloride	2.16	62	3694	1.928	ug/l	91
27) cis-1,2-Dichloroethene	6.78	96	283765	176.348	ug/l	91
44) Trichloroethene	8.80	130	10408	6.369	ug/l	98
64) Tetrachloroethene	10.60	164	8636	5.575	ug/l	92
65) Chlorobenzene	11.41	112	36454	7.702	ug/l	99

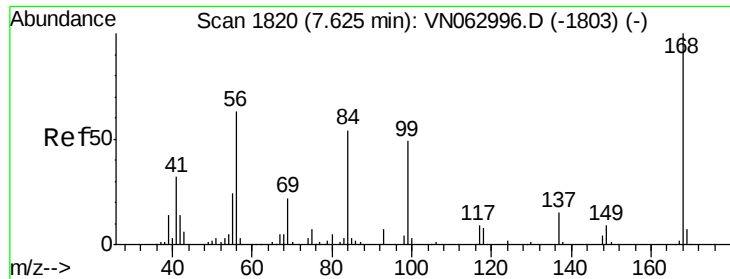
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063057.D
Acq On : 21 Aug 2020 00:52
Operator : JC/MD
Sample : L3737-02
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Quant Time: Aug 21 07:14:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

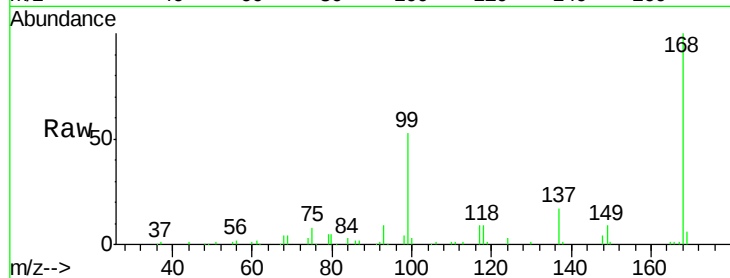
KY038PS027-200818

Tot Ion:168 Resp: 144520

Ion Ratio Lower Upper

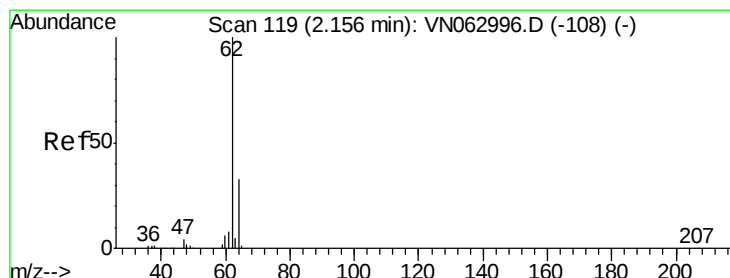
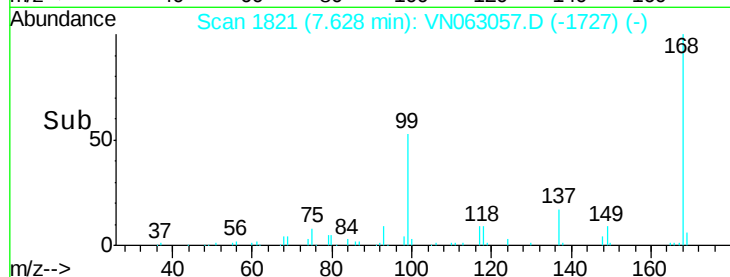
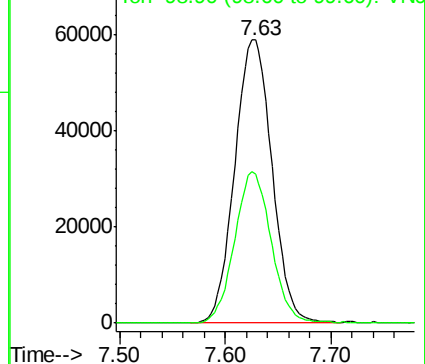
168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 1.928 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063057.D

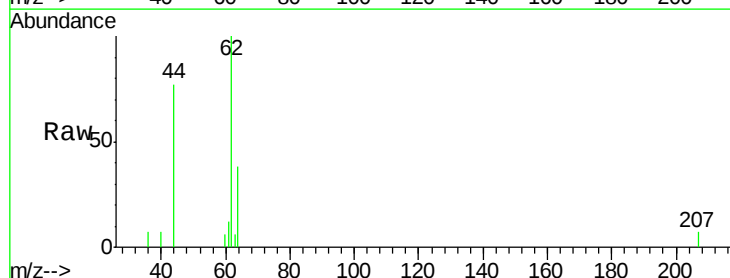
Acq: 21 Aug 2020 00:52

Tgt Ion: 62 Resp: 3694

Ion Ratio Lower Upper

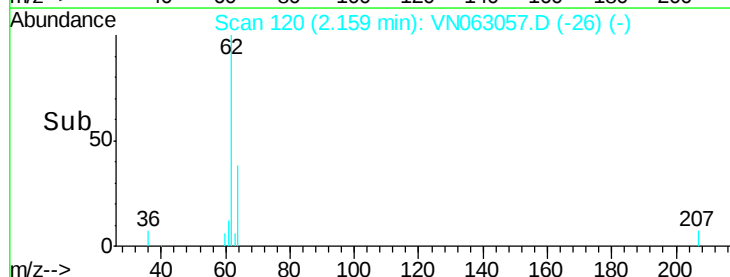
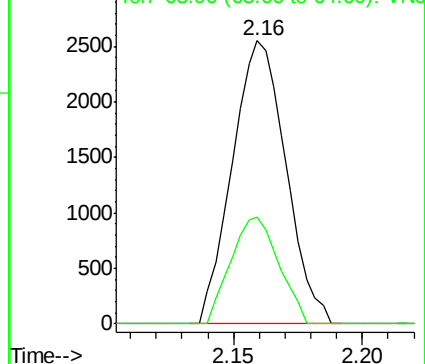
62 100

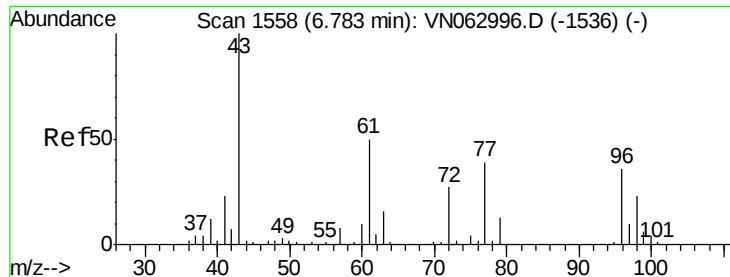
64 37.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 176.348 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200818

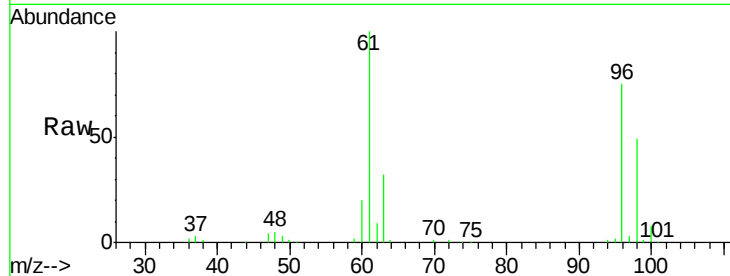
Tot Ion: 96 Resp: 283765

Ion Ratio Lower Upper

96 100

61 131.0 0.0 292.8

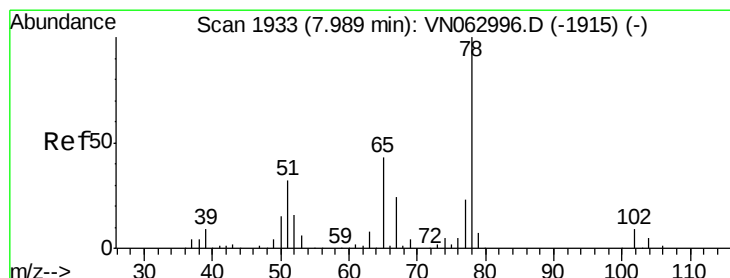
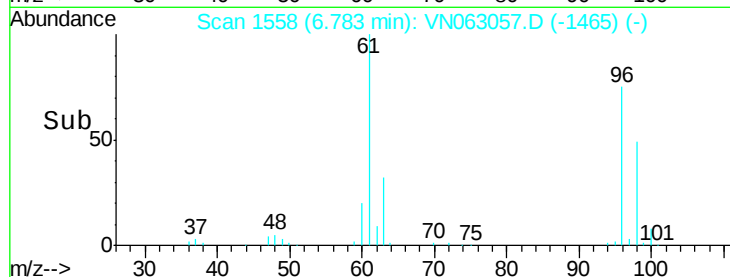
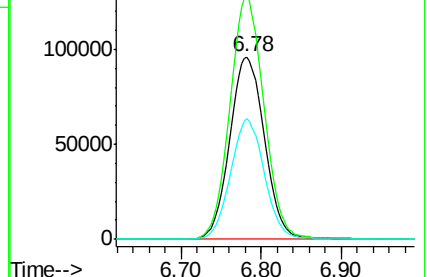
98 64.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN062996.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1536) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.838 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063057.D

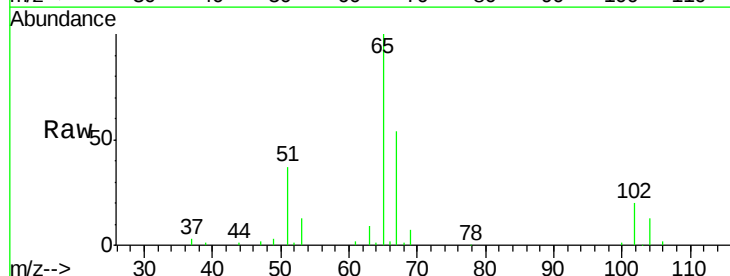
Acq: 21 Aug 2020 00:52

Tgt Ion: 65 Resp: 93929

Ion Ratio Lower Upper

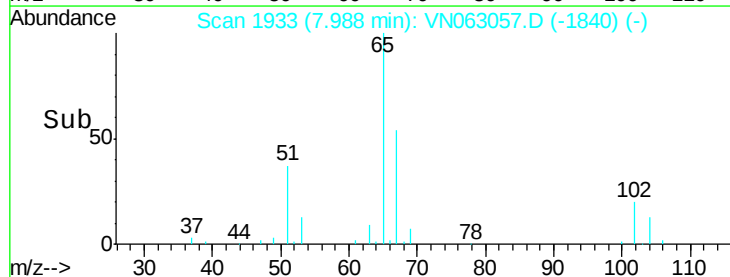
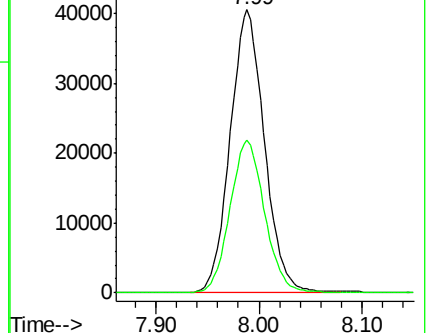
65 100

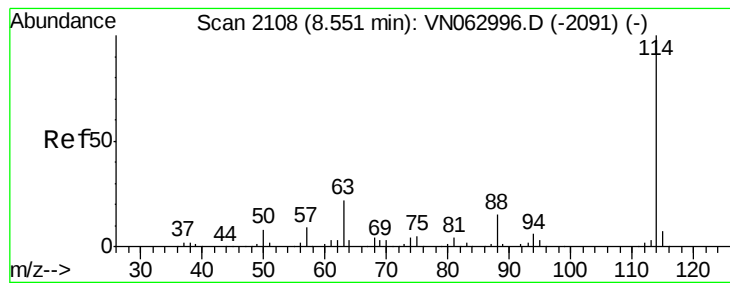
67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200818

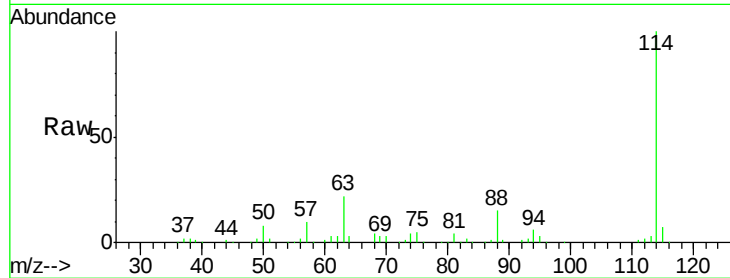
Tot Ion:114 Resp: 235058

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

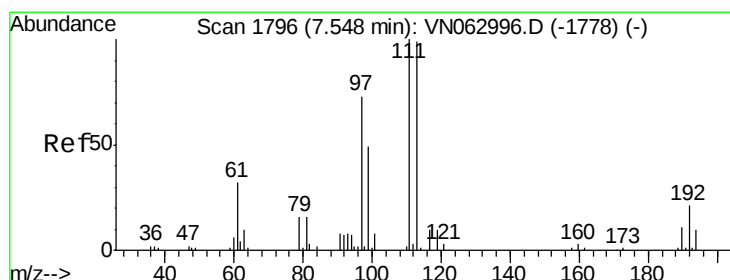
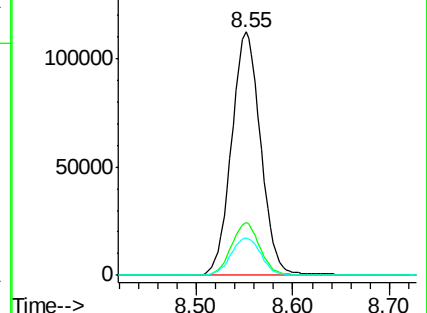
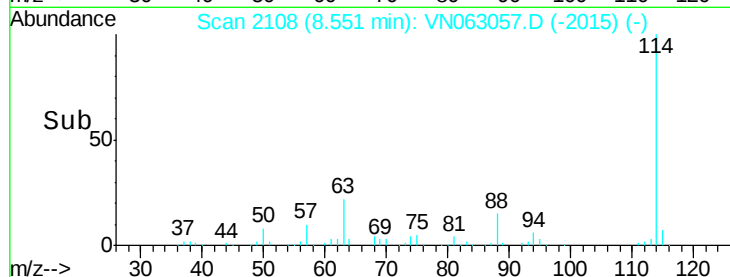
88 15.3 0.0 30.6



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: 53.345 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

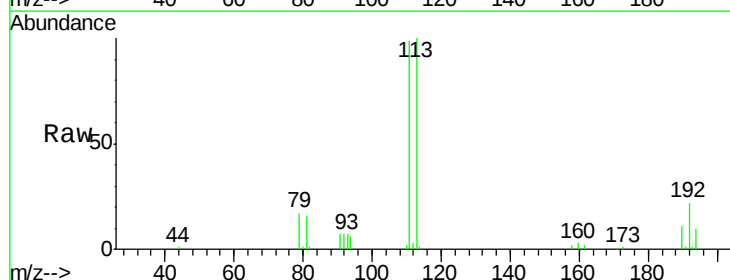
Tgt Ion:113 Resp: 81705

Ion Ratio Lower Upper

113 100

111 101.2 81.7 122.5

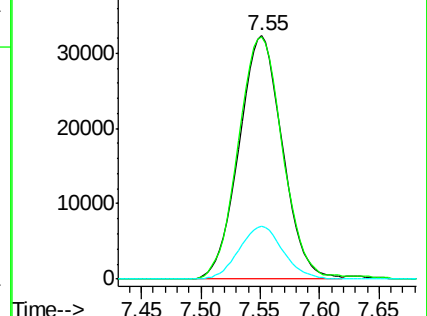
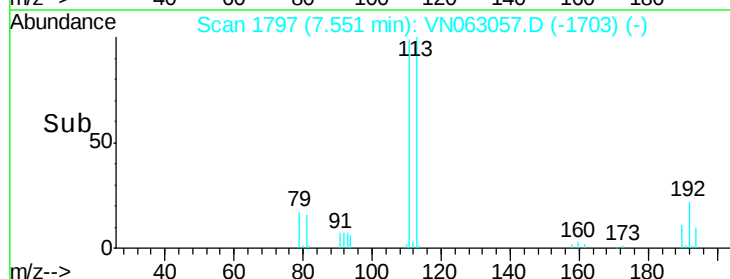
192 21.9 17.5 26.3

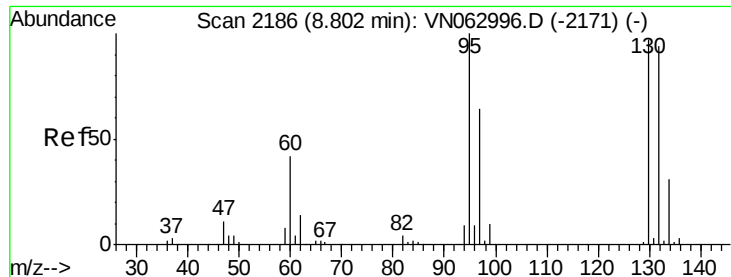


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.369 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

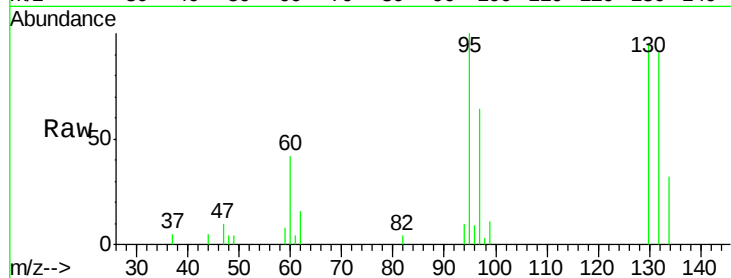
KY038PS027-200818

Tot Ion:130 Resp: 10408

Ion Ratio Lower Upper

130 100

95 105.3 0.0 205.6

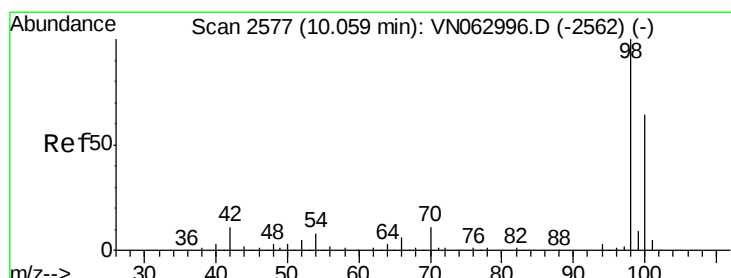
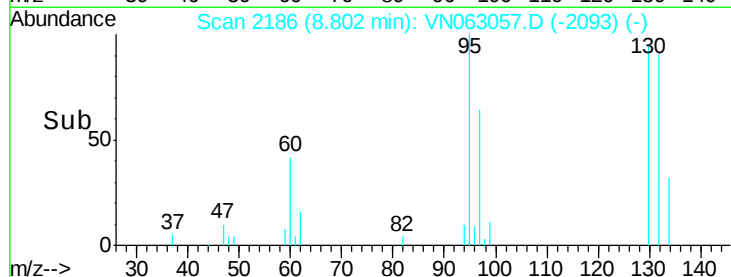


Abundance Ion 129.80 (129.50 to 130.50): VN063057.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN063057.D (-2093) (-)

8.80

Time-->



#50

Toluene-d8

Concen: 50.760 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063057.D

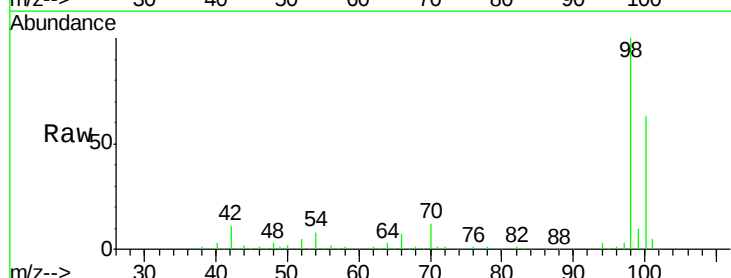
Acq: 21 Aug 2020 00:52

Tgt Ion: 98 Resp: 298622

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8

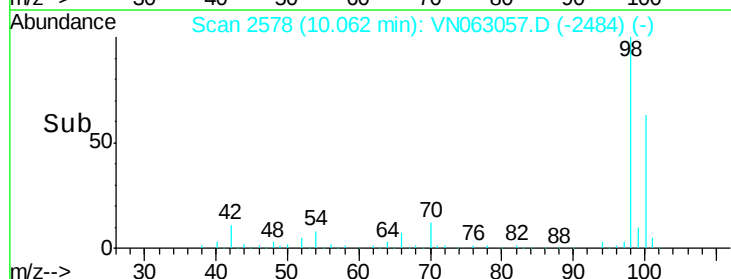


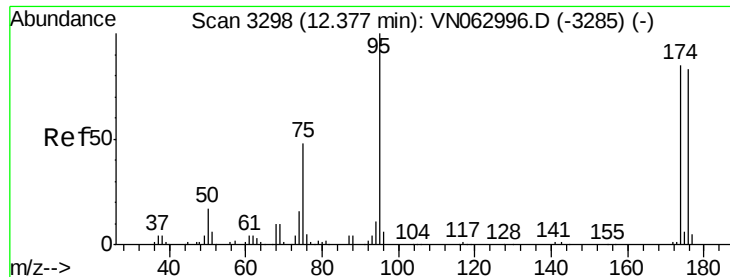
Abundance Ion 98.00 (97.70 to 98.70): VN063057.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN063057.D (-2484) (-)

10.06

Time-->





#62

4-Bromofluorobenzene

Concen: 46.590 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200818

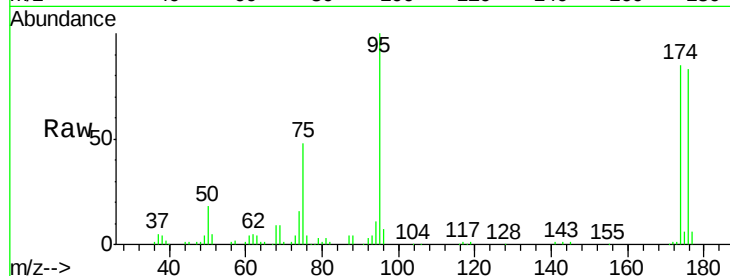
Tot Ion: 95 Resp: 96723

Ion Ratio Lower Upper

95 100

174 86.4 0.0 170.8

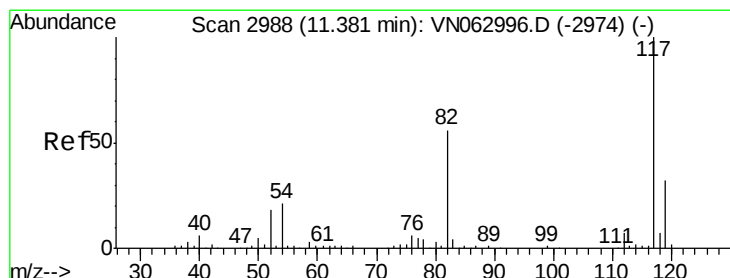
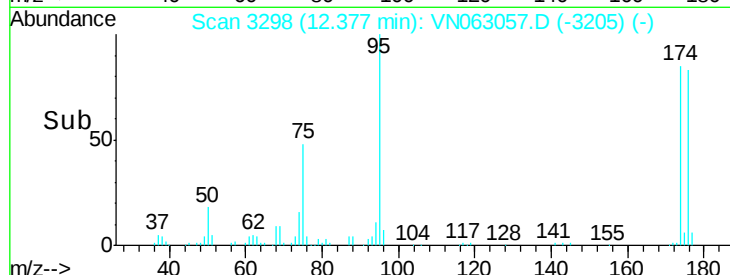
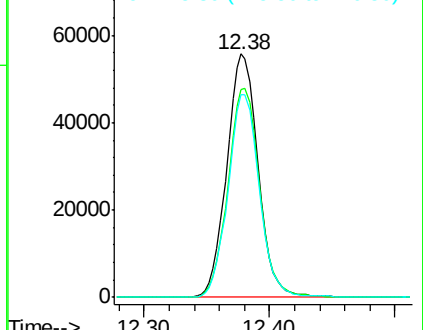
176 82.7 0.0 164.8



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: VN063057.D

Acq: 21 Aug 2020 00:52

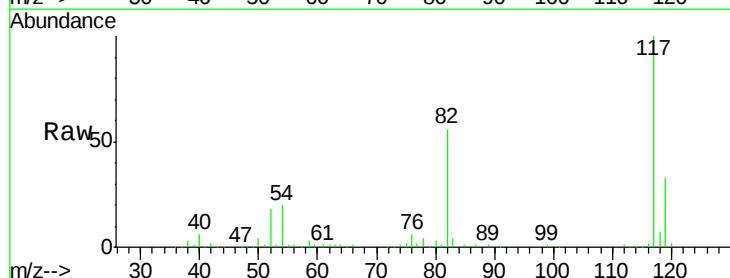
Tgt Ion: 117 Resp: 235674

Ion Ratio Lower Upper

117 100

82 55.9 44.5 66.7

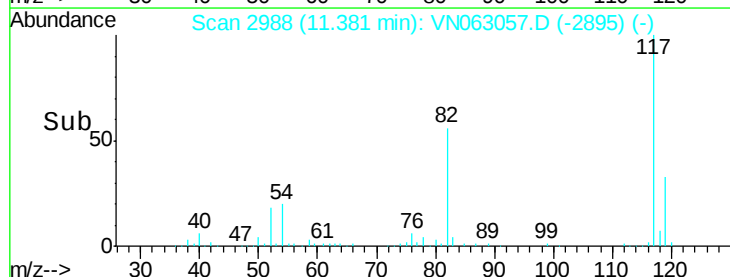
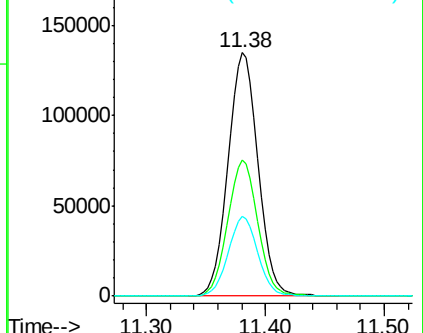
119 32.6 25.5 38.3

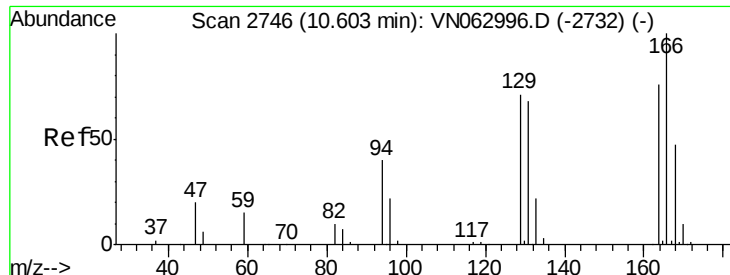


Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)





#64

Tetrachloroethene

Concen: 5.575 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200818

Tot Ion:164 Resp: 8636

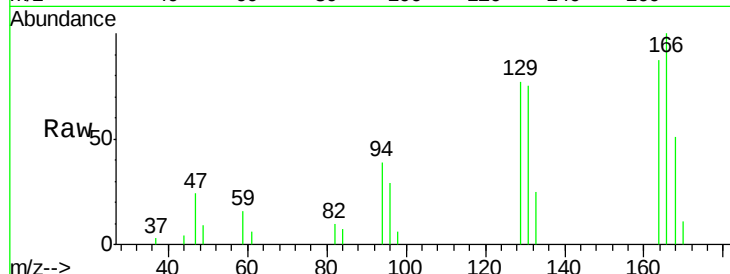
Ion Ratio Lower Upper

164 100

166 115.5 105.0 157.6

129 88.5 74.7 112.1

131 86.2 71.0 106.4

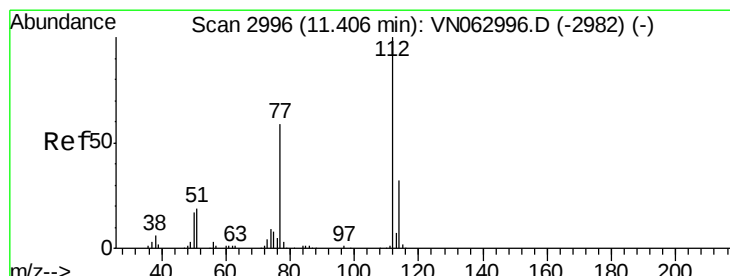
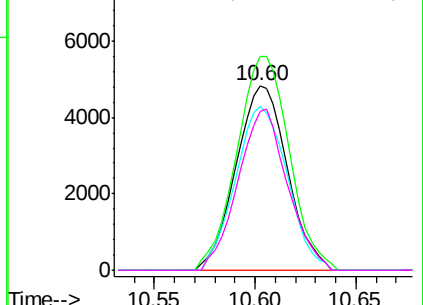
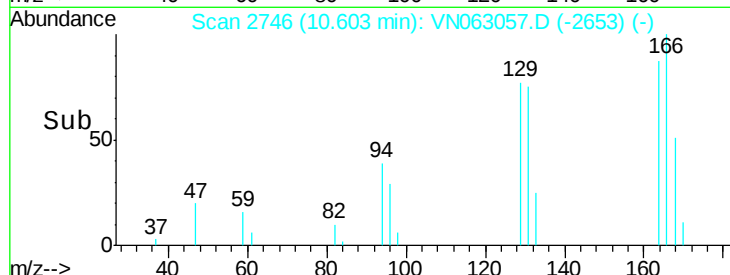


Abundance Ion 163.80 (163.50 to 164.50): V

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



#65

Chlorobenzene

Concen: 7.702 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063057.D

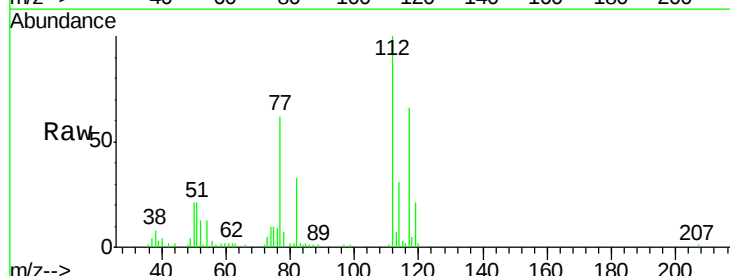
Acq: 21 Aug 2020 00:52

Tgt Ion:112 Resp: 36454

Ion Ratio Lower Upper

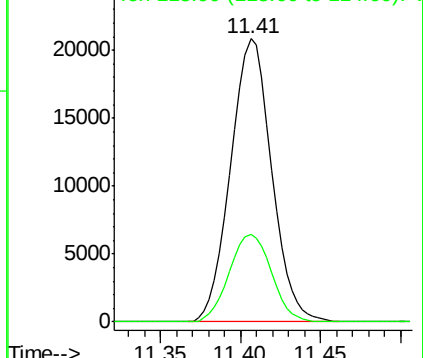
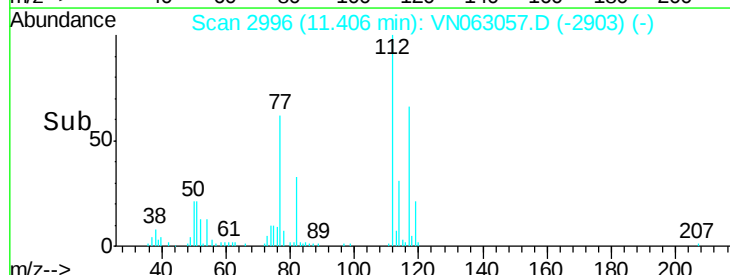
112 100

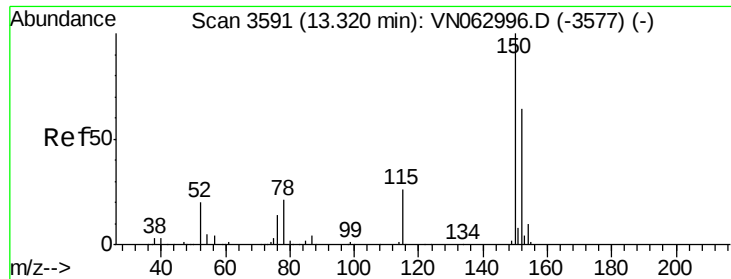
114 30.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VN063057.D

Acq: 21 Aug 2020 00:52

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200818

Tot Ion:152 Resp: 82227

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 160.2 0.0 348.8

