

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062004.D
 Acq On : 22 Jun 2020 17:06
 Operator : JC/MD
 Sample : L3033-05DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-DUP-0571-200615DL

Quant Time: Jun 23 05:58:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

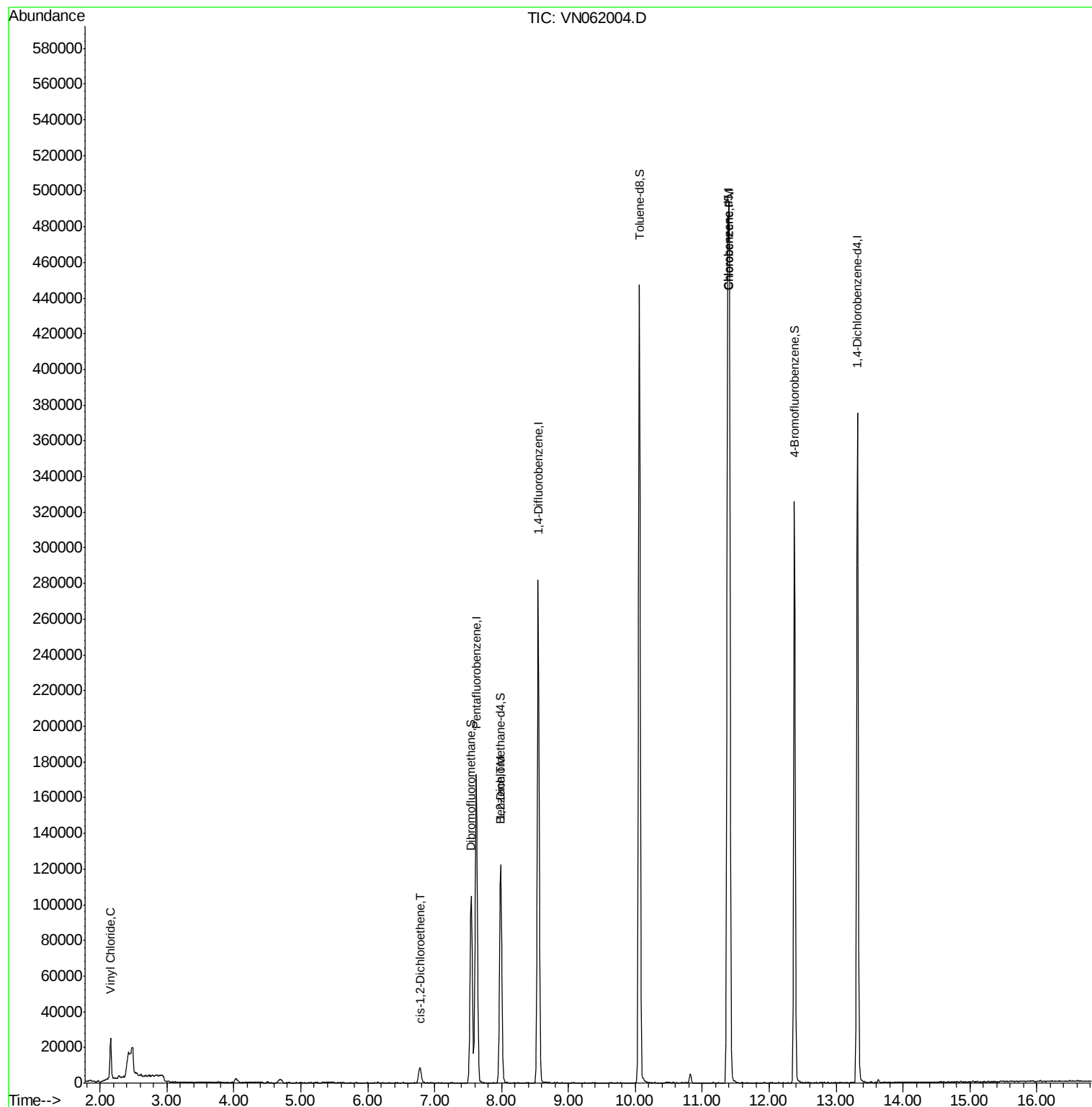
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	140191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96259	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.55	113	80777	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	10.06	98	323281	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	112388	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
Target Compounds						
4) Vinyl Chloride	2.16	62	19522	8.415	ug/l	94
27) cis-1,2-Dichloroethene	6.79	96	3265	1.730	ug/l	96
40) Benzene	8.00	78	12300	1.737	ug/l	98
65) Chlorobenzene	11.41	112	256476	47.779	ug/l	100

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062004.D

Acq: 22 Jun 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

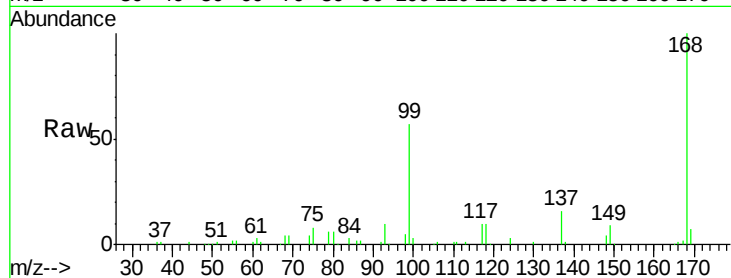
Z1-DUP-0571-200615DL

Tot Ion:168 Resp: 140191

Ion Ratio Lower Upper

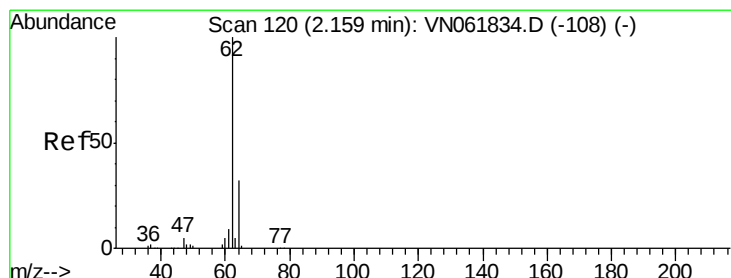
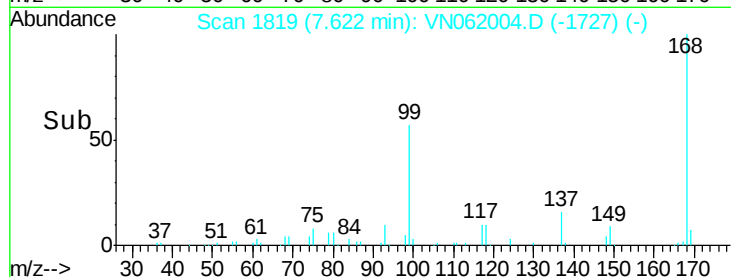
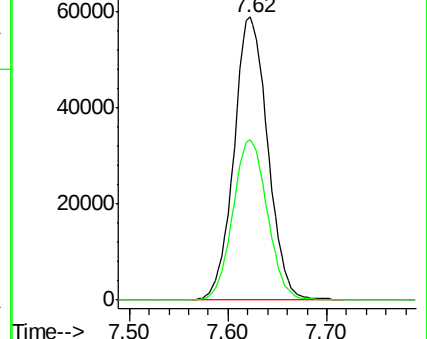
168 100

99 56.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 8.415 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062004.D

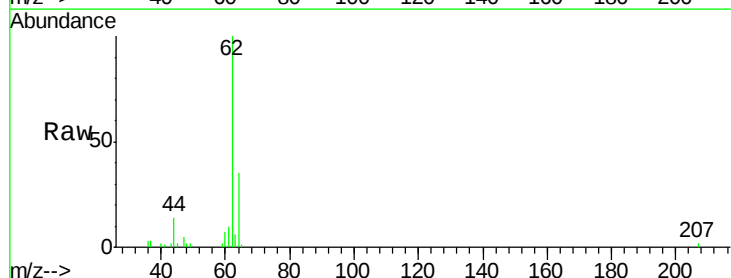
Acq: 22 Jun 2020 17:06

Tgt Ion: 62 Resp: 19522

Ion Ratio Lower Upper

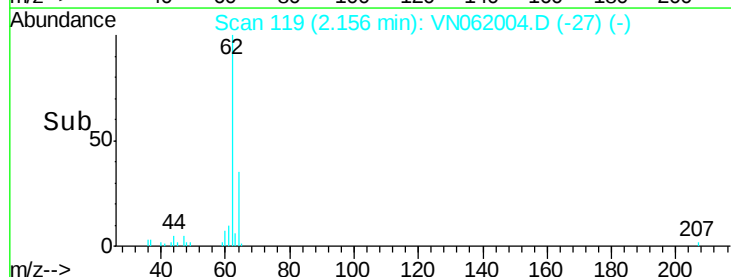
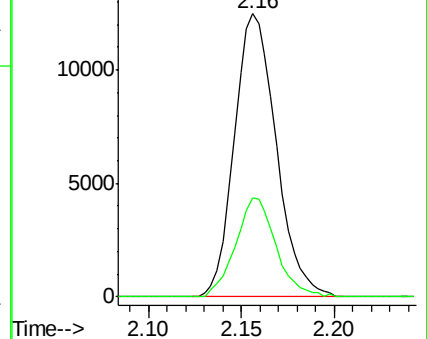
62 100

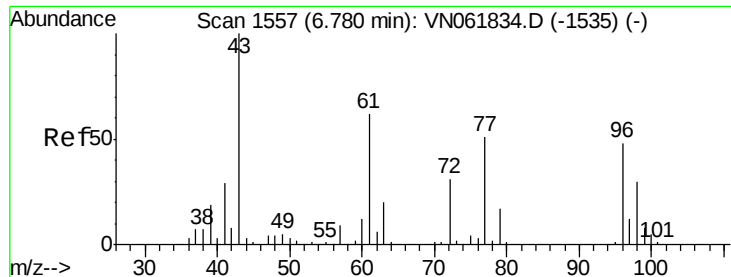
64 35.0 25.5 38.3



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: 1.730 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062004.D

Acq: 22 Jun 2020 17:06

Instrument :

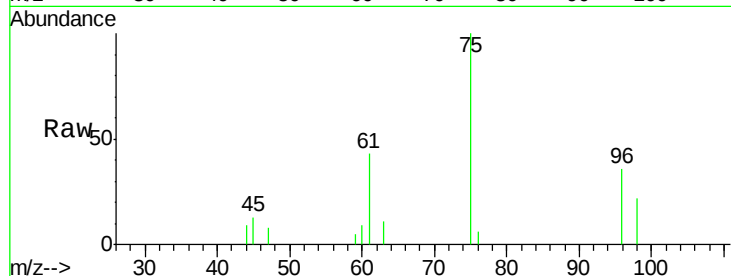
MSVOA_N

ClientSampleId :

Z1-DUP-0571-200615DL

Tot Ion: 96 Resp: 3265

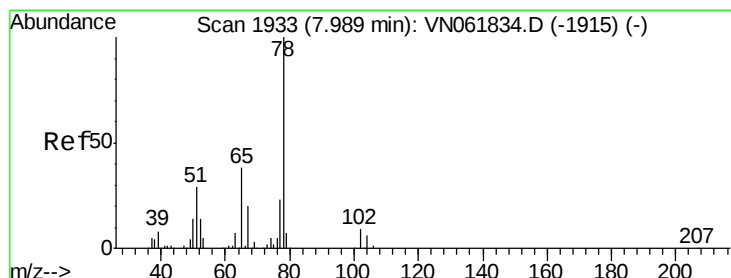
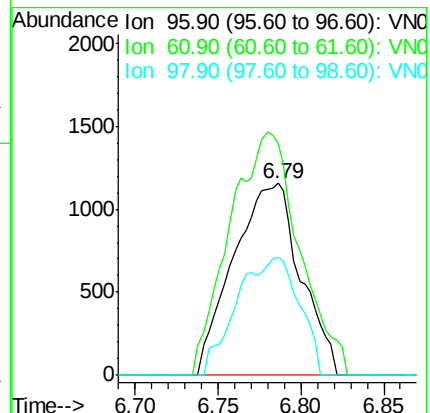
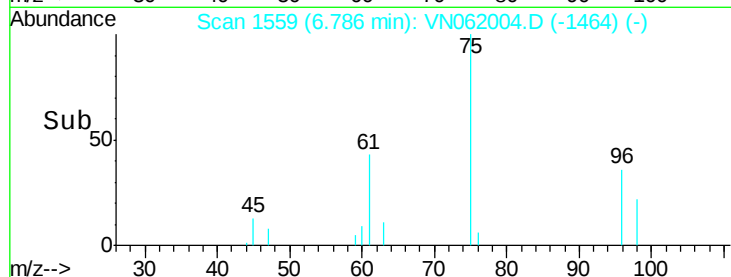
Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	265.6
98	57.3	0.0	128.2



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: 51.197 ug/l

RT: 7.99 min Scan# 1932

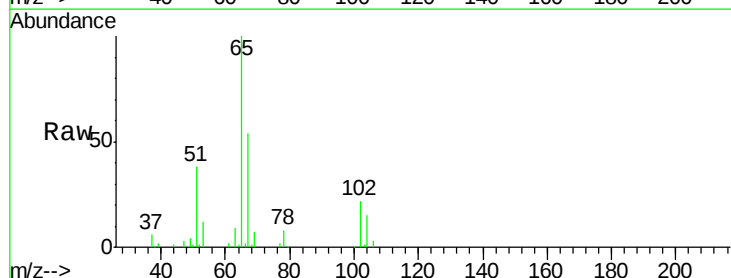
Delta R.T. -0.00 min

Lab File: VN062004.D

Acq: 22 Jun 2020 17:06

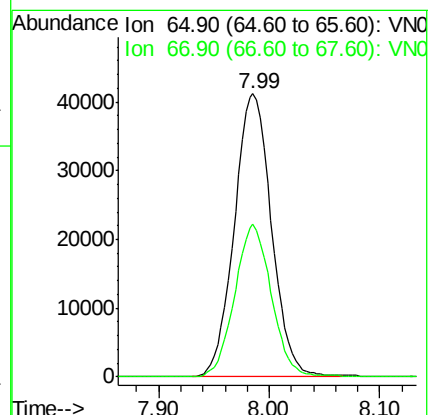
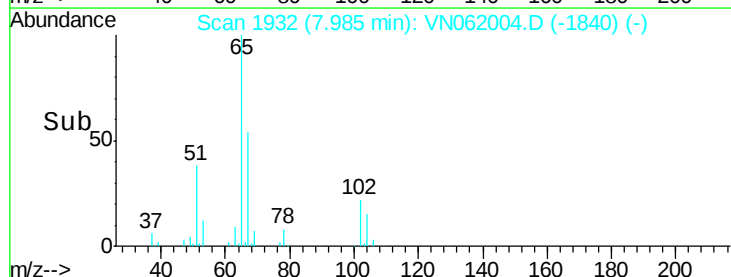
Tgt Ion: 65 Resp: 96259

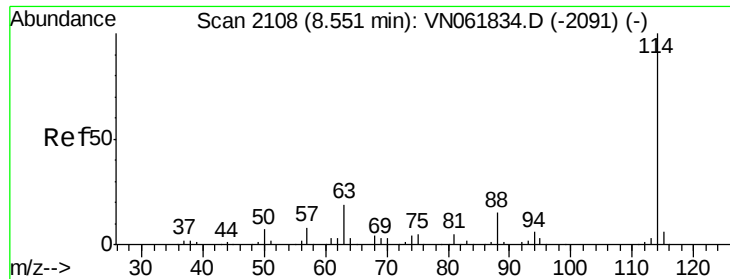
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

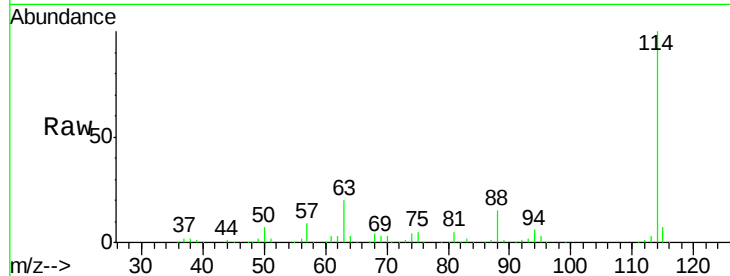




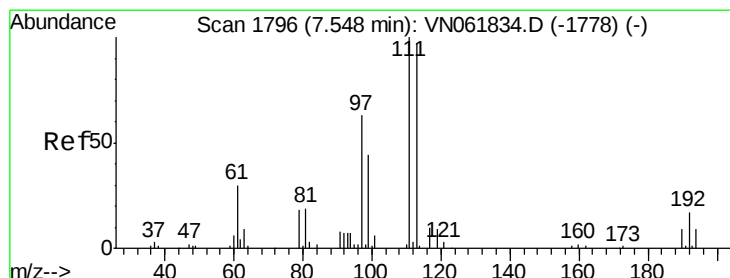
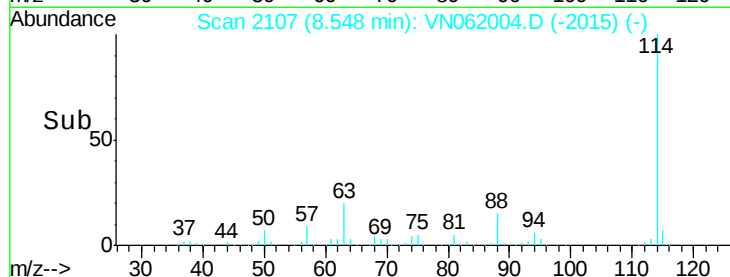
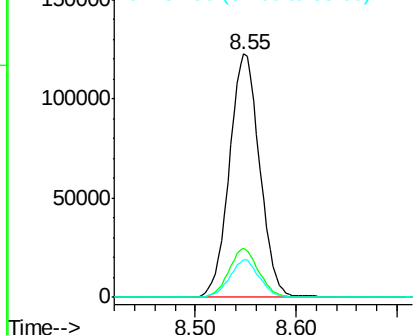
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062004.D
Acq: 22 Jun 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
Z1-DUP-0571-200615DL

Tot Ion:114 Resp: 256331
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.6
88 15.5 0.0 31.0

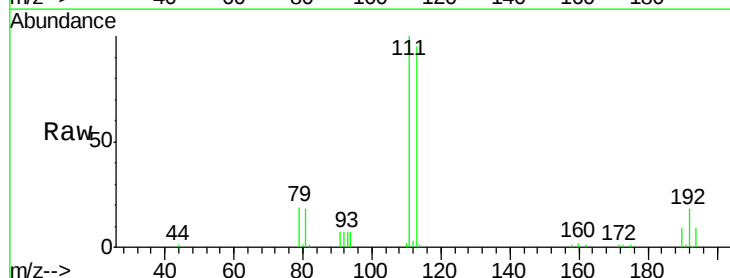


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

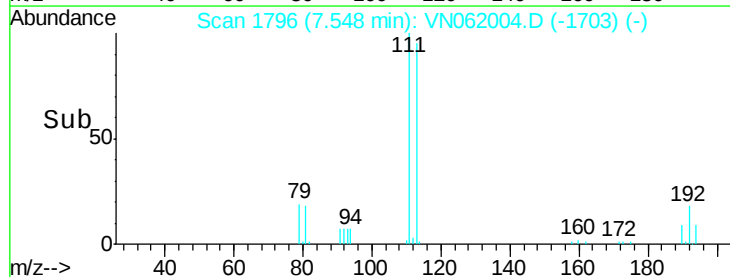
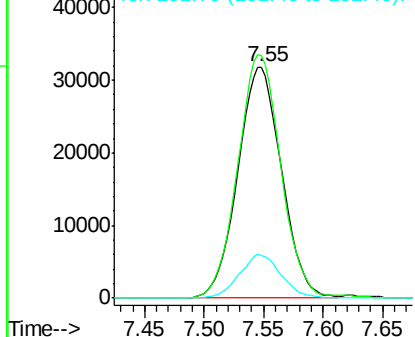


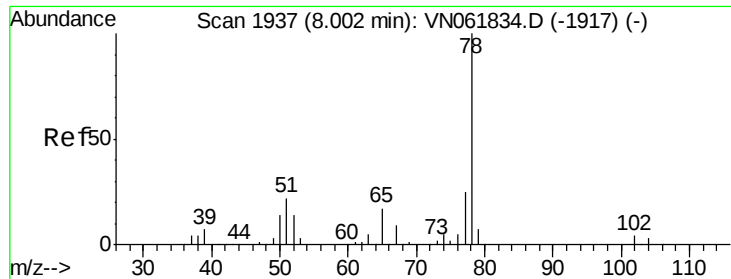
#35
Dibromofluoromethane
Concen: 49.258 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062004.D
Acq: 22 Jun 2020 17:06

Tgt Ion:113 Resp: 80777
Ion Ratio Lower Upper
113 100
111 104.4 83.7 125.5
192 17.9 13.9 20.9



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

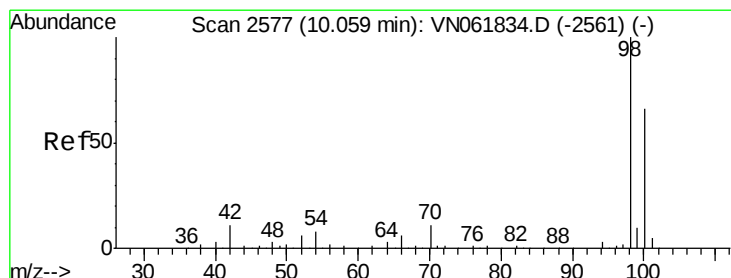
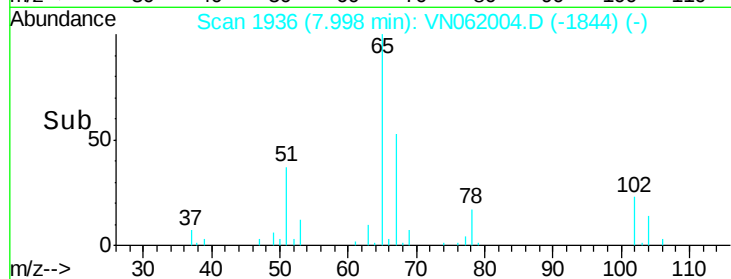
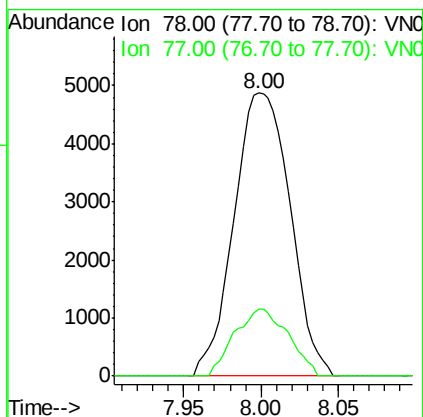
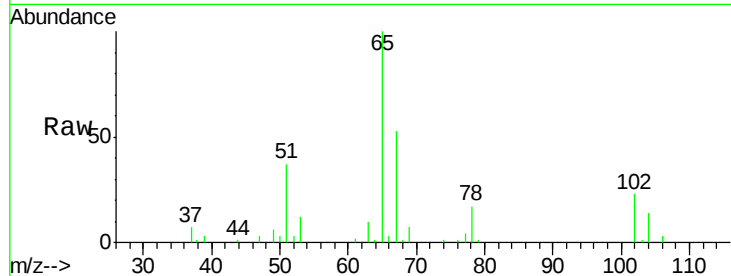




#40
Benzene
Concen: 1.737 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062004.D
Acq: 22 Jun 2020 17:06

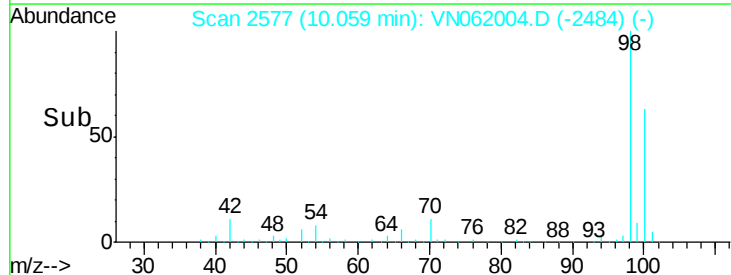
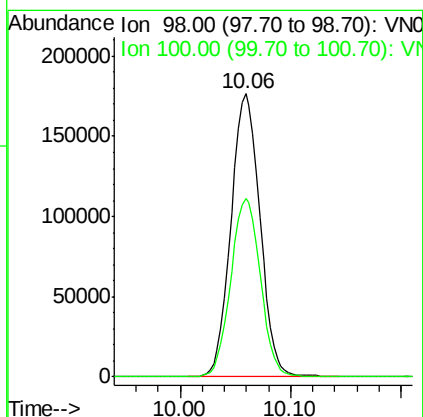
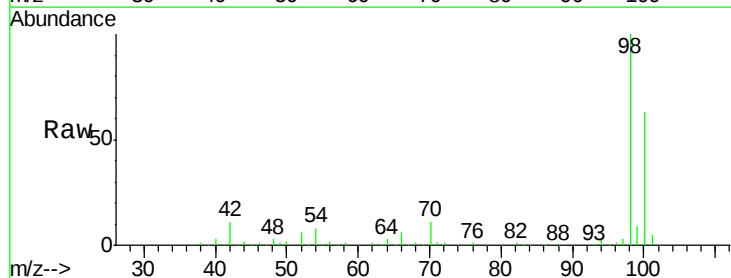
Instrument :
MSVOA_N
ClientSampleId :
Z1-DUP-0571-200615DL

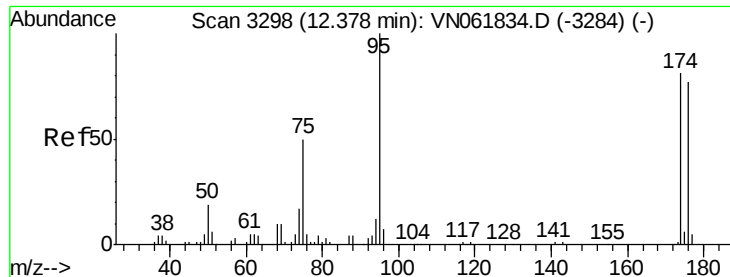
Tot Ion: 78 Resp: 12300
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5



#50
Toluene-d8
Concen: 50.144 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062004.D
Acq: 22 Jun 2020 17:06

Tgt Ion: 98 Resp: 323281
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 50.822 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062004.D

Acq: 22 Jun 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

Z1-DUP-0571-200615DL

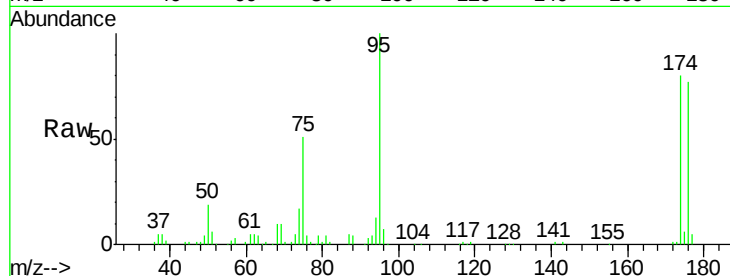
Tot Ion: 95 Resp: 112388

Ion Ratio Lower Upper

95 100

174 79.2 0.0 158.6

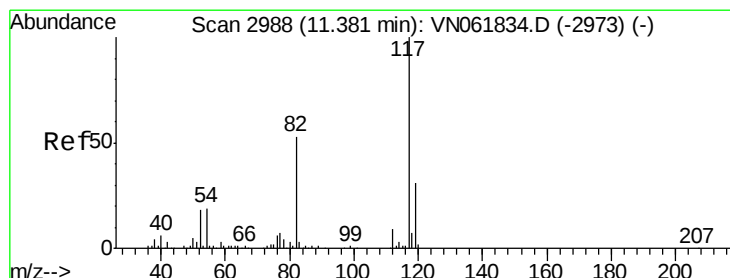
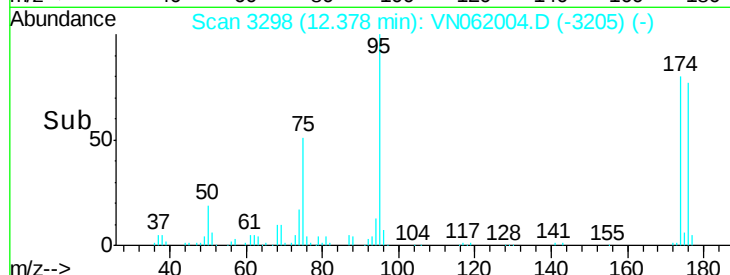
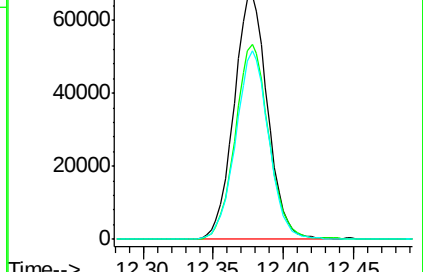
176 75.5 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062004.D

Acq: 22 Jun 2020 17:06

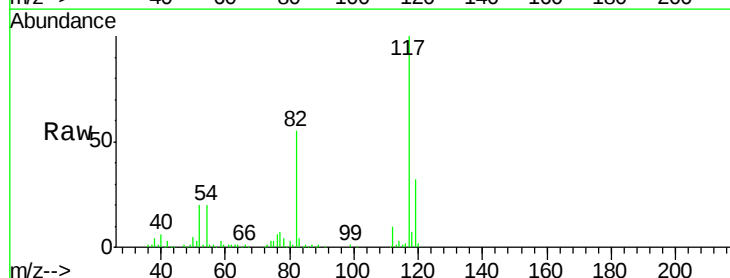
Tgt Ion: 117 Resp: 254396

Ion Ratio Lower Upper

117 100

82 55.0 42.6 64.0

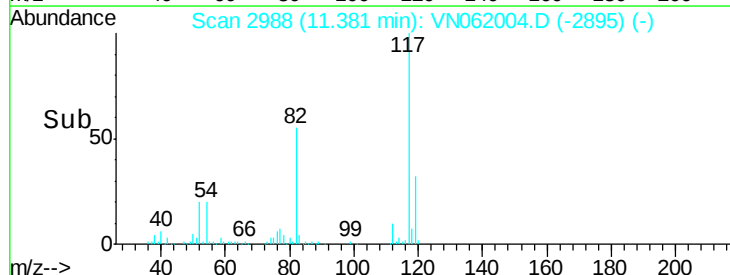
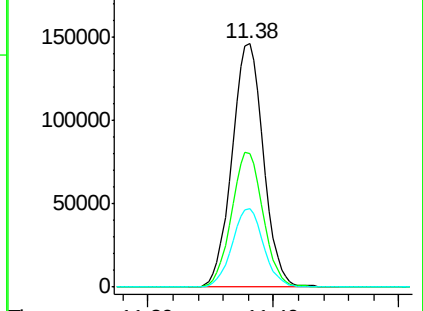
119 32.0 24.7 37.1

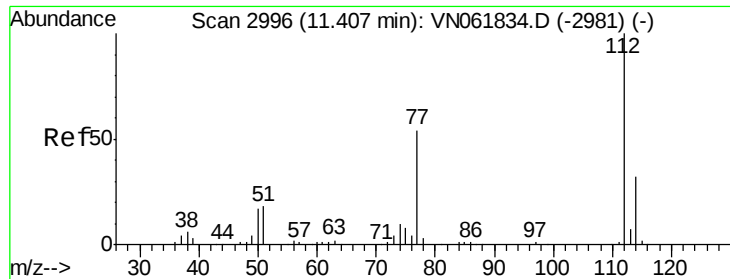


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#65

Chlorobenzene

Concen: 47.779 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062004.D

Acq: 22 Jun 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

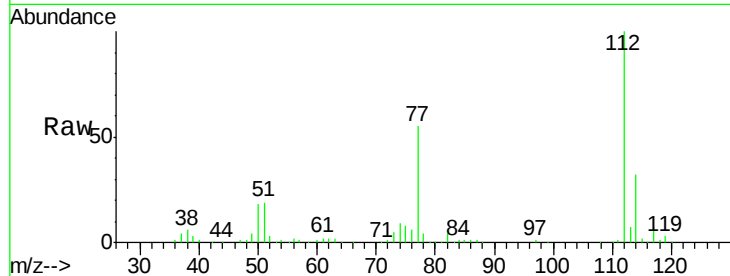
Z1-DUP-0571-200615DL

Tot Ion:112 Resp: 256476

Ion Ratio Lower Upper

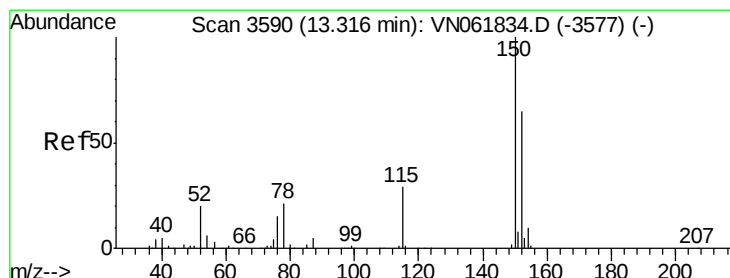
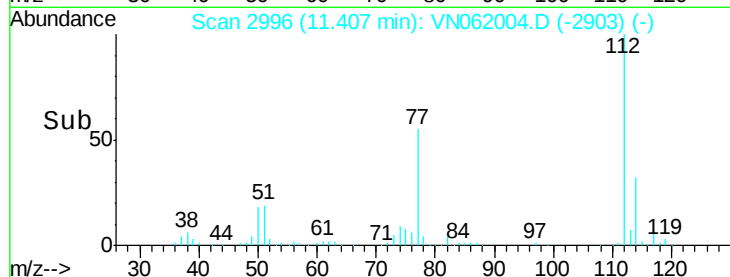
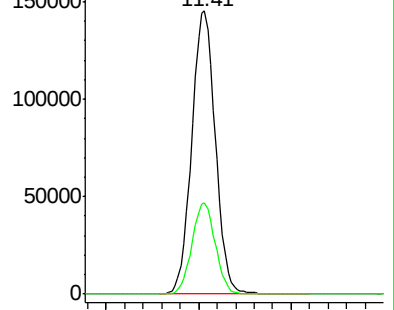
112 100

114 32.2 25.8 38.6



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: VN062004.D

Acq: 22 Jun 2020 17:06

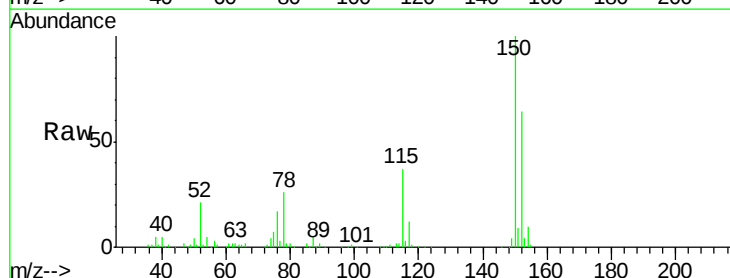
Tgt Ion:152 Resp: 104306

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

150 156.4 0.0 347.6



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

