

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062704.D
 Acq On : 31 Jul 2020 23:33
 Operator : JC/MD
 Sample : L3518-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Aug 03 16:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

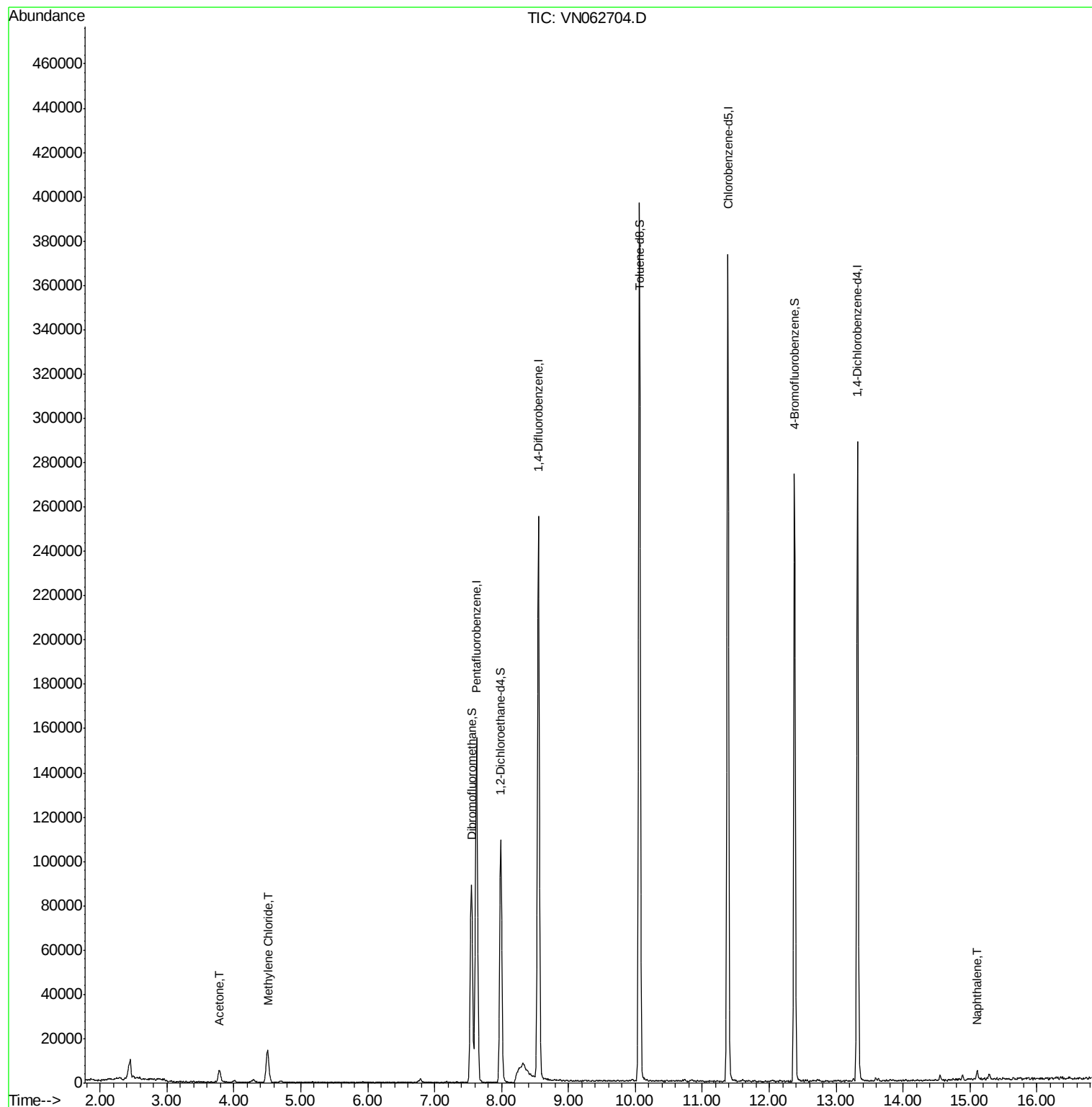
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	117706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	210876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	197959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	100402	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
35) Dibromofluoromethane	7.55	113	69663	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.06	98	268796	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	95616	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
16) Acetone	3.78	43	10097	14.674	ug/l	93
20) Methylene Chloride	4.51	84	10869	6.586	ug/l	88
95) Naphthalene	15.11	128	4453	5.041	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062704.D

Acq: 31 Jul 2020 23:33

Instrument :

MSVOA_N

ClientSampled :

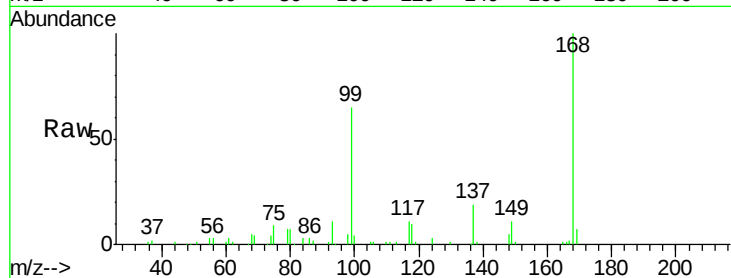
TP-5

Tot Ion:168 Resp: 117706

Ion Ratio Lower Upper

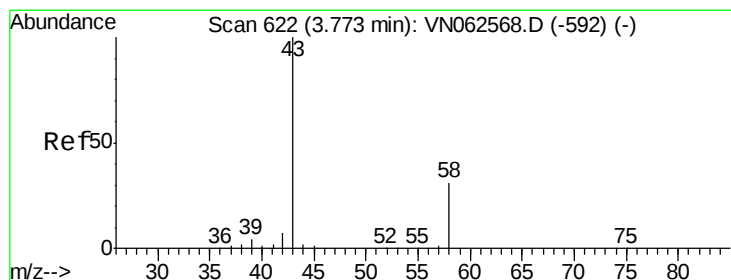
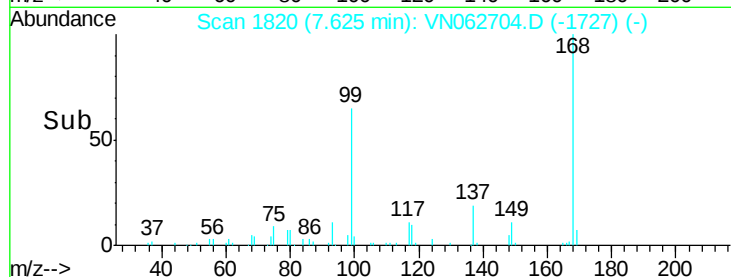
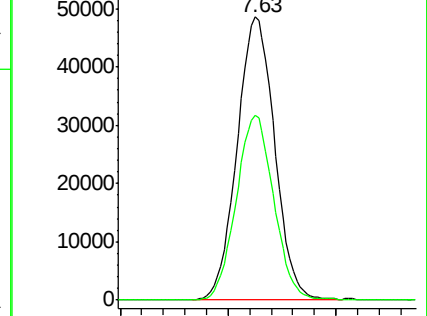
168 100

99 65.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 14.674 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062704.D

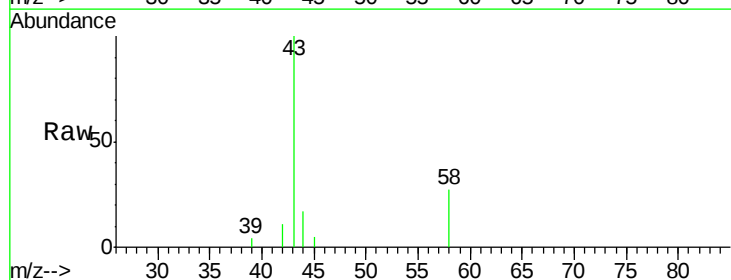
Acq: 31 Jul 2020 23:33

Tgt Ion: 43 Resp: 10097

Ion Ratio Lower Upper

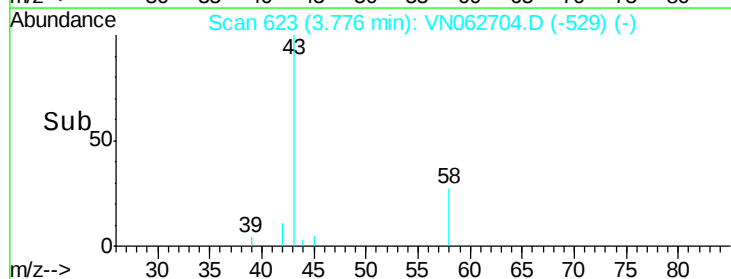
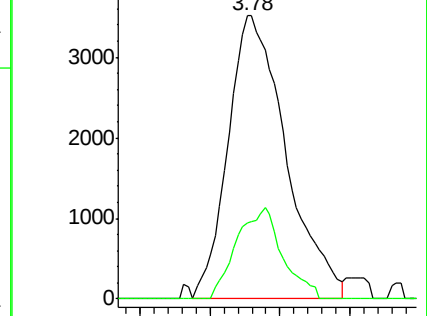
43 100

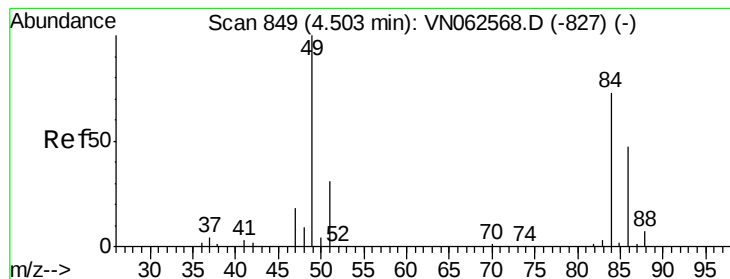
58 26.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 6.586 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN062704.D

Acq: 31 Jul 2020 23:33

Instrument :

MSVOA_N

ClientSampled :

TP-5

Tot Ion: 84 Resp: 10869

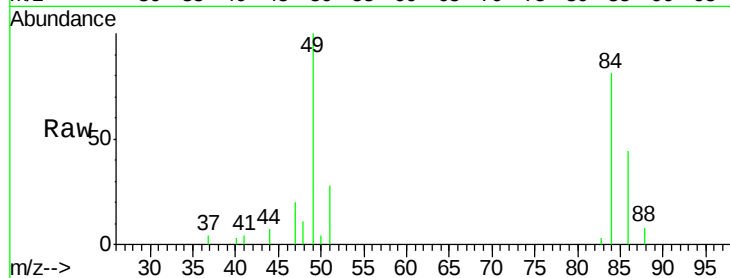
Ion Ratio Lower Upper

84 100

49 123.0 109.4 164.0

51 34.0 33.6 50.4

86 54.6 51.4 77.2

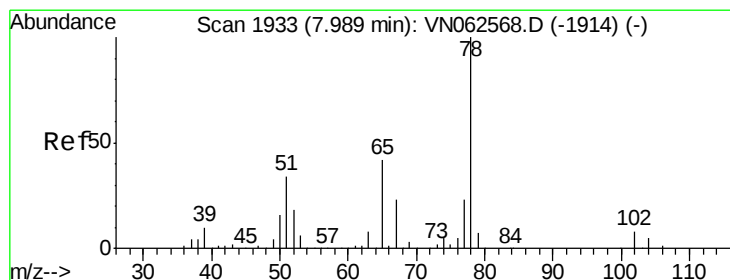
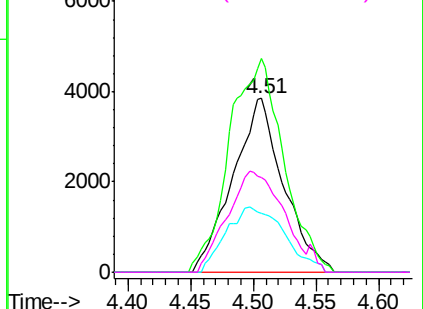
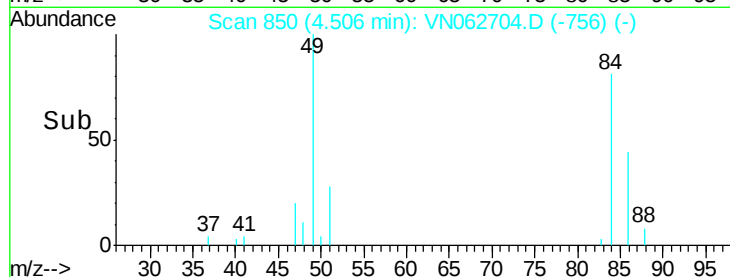


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.909 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062704.D

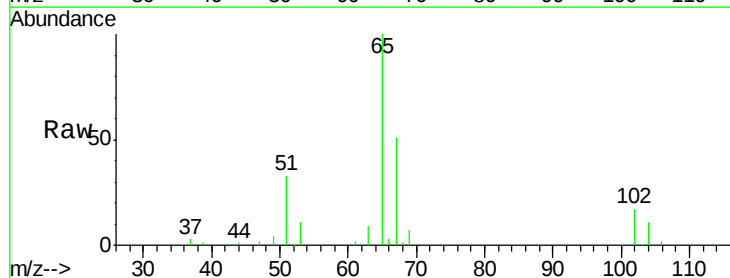
Acq: 31 Jul 2020 23:33

Tgt Ion: 65 Resp: 100402

Ion Ratio Lower Upper

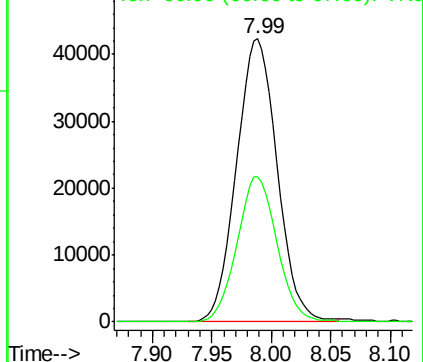
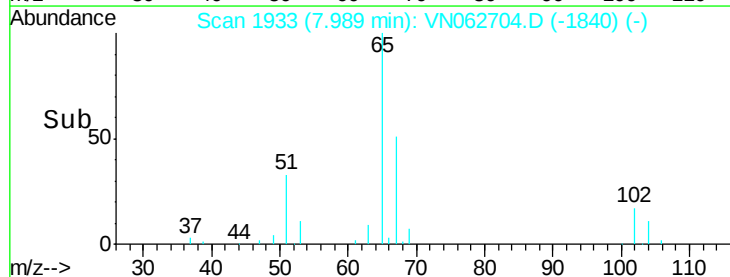
65 100

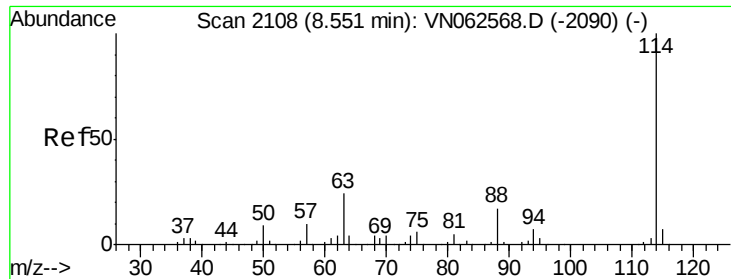
67 50.3 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

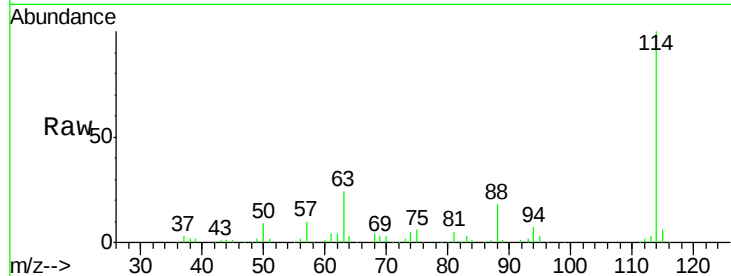




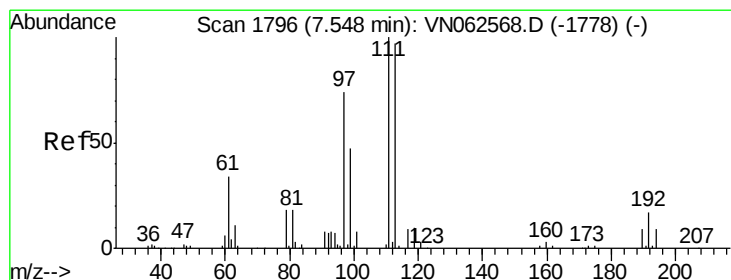
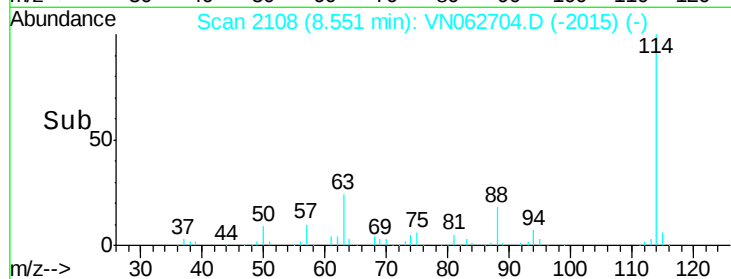
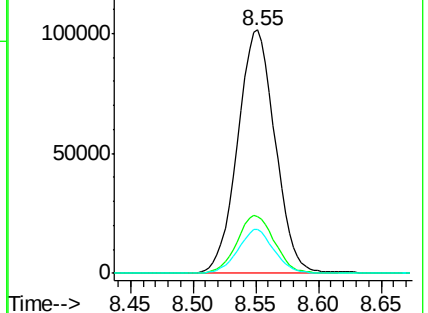
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062704.D
 Acq: 31 Jul 2020 23:33

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

Tot Ion:114 Resp: 210876
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.4
 88 18.1 0.0 33.8

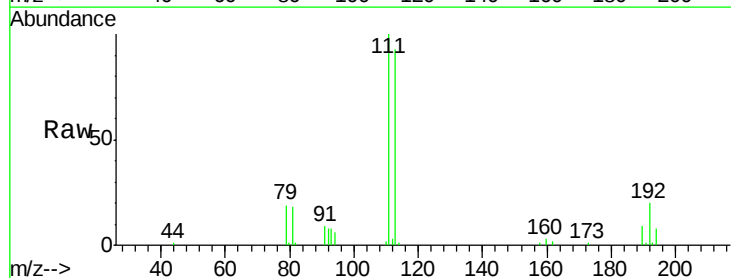


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

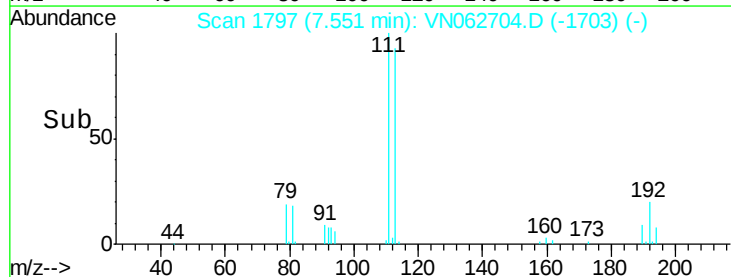
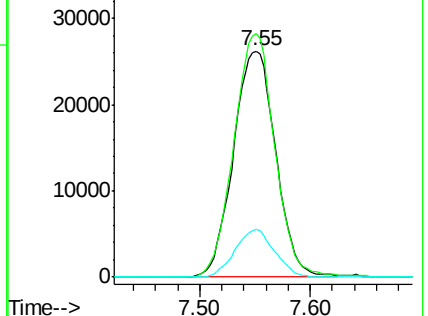


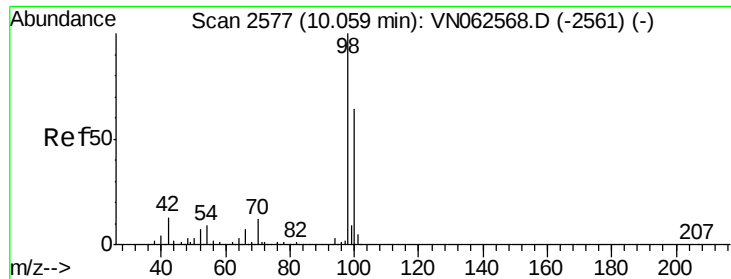
#35
 Dibromofluoromethane
 Concen: 50.293 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062704.D
 Acq: 31 Jul 2020 23:33

Tgt Ion:113 Resp: 69663
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.7 124.1
 192 19.5 14.8 22.2



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: 48.636 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062704.D

Acq: 31 Jul 2020 23:33

Instrument :

MSVOA_N

ClientSampleId :

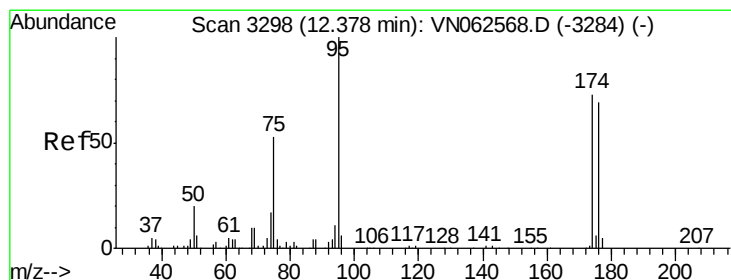
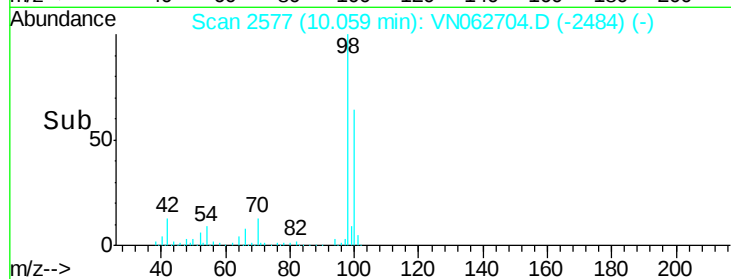
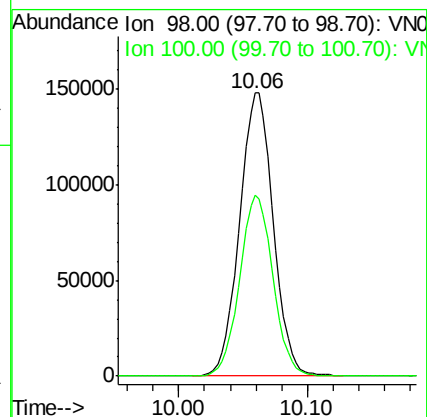
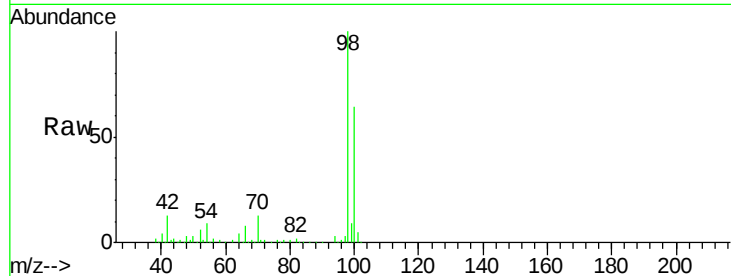
TP-5

Tot Ion: 98 Resp: 268796

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.316 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062704.D

Acq: 31 Jul 2020 23:33

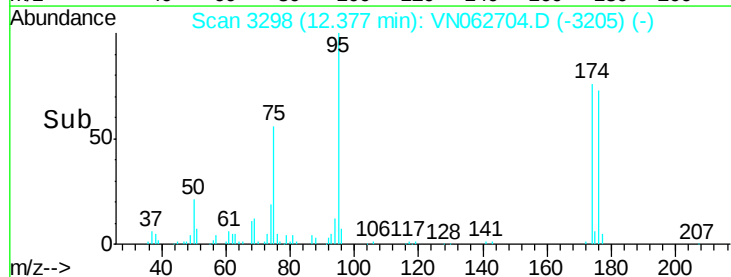
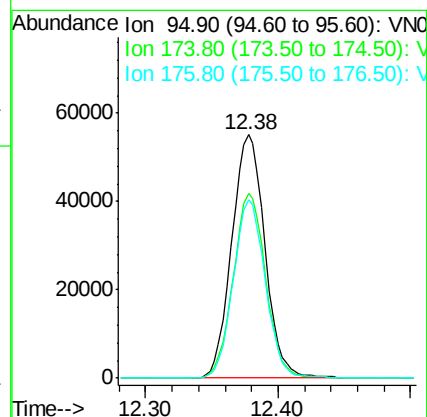
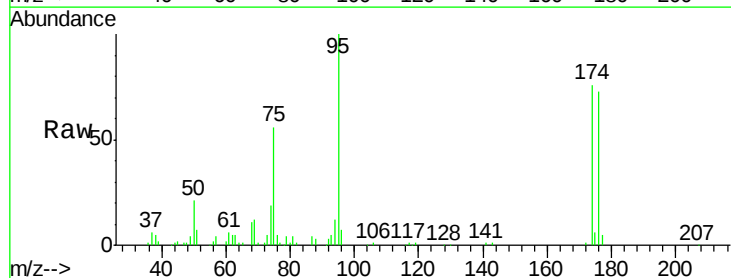
Tgt Ion: 95 Resp: 95616

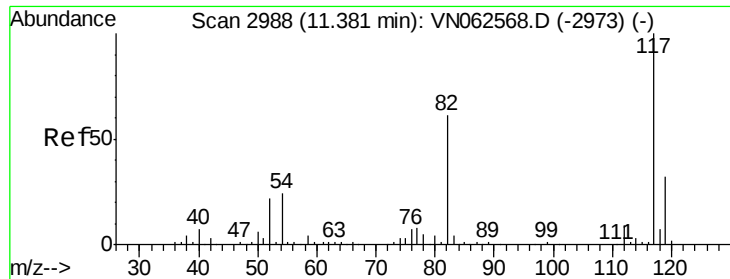
Ion Ratio Lower Upper

95 100

174 74.4 0.0 144.6

176 70.7 0.0 139.4

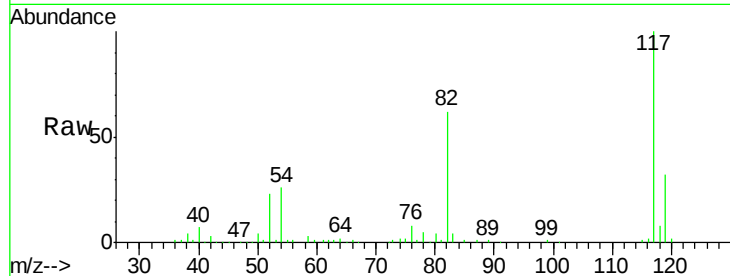




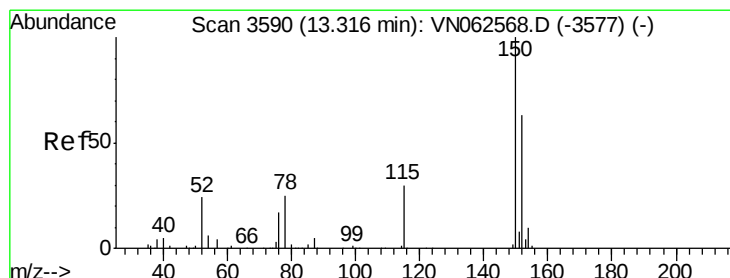
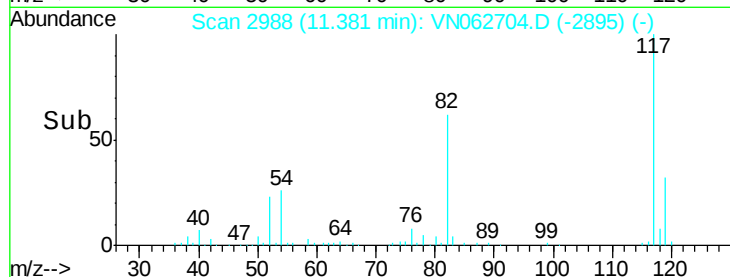
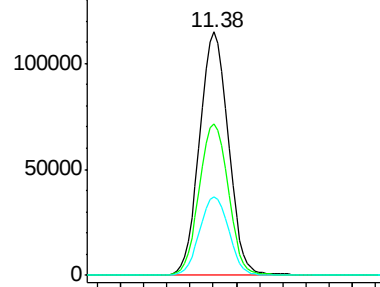
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062704.D
Acq: 31 Jul 2020 23:33

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tot Ion:117 Resp: 197959
Ion Ratio Lower Upper
117 100
82 62.3 49.0 73.6
119 32.4 25.4 38.2

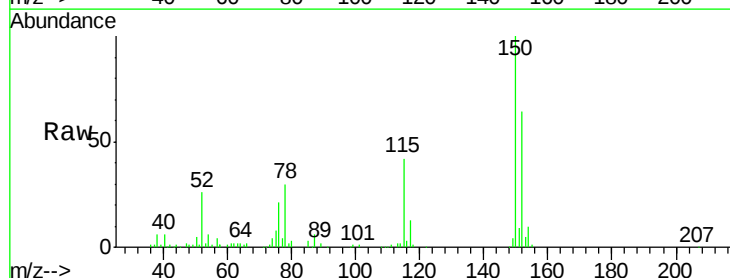


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

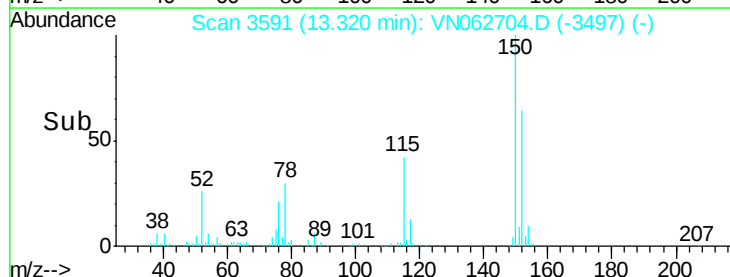
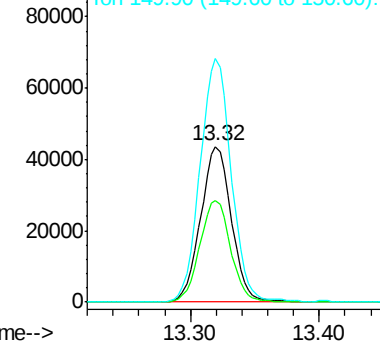


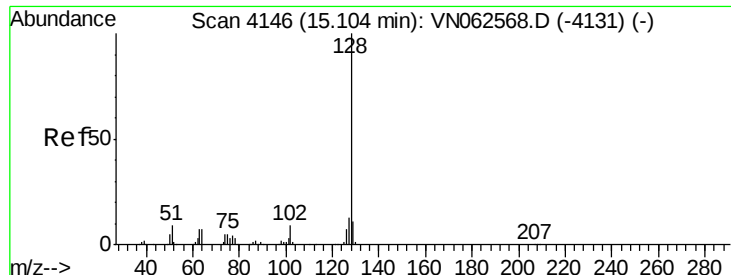
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062704.D
Acq: 31 Jul 2020 23:33

Tgt Ion:152 Resp: 72358
Ion Ratio Lower Upper
152 100
115 65.1 31.8 95.4
150 158.1 0.0 351.4



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





#95

Naphthalene

Concen: 5.041 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062704.D

Acq: 31 Jul 2020 23:33

Instrument :

MSVOA_N

ClientSampleId :

TP-5

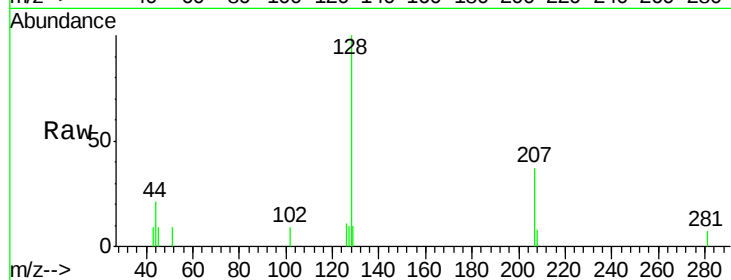
Tot Ion:128 Resp: 4453

Ion Ratio Lower Upper

128 100

127 10.7 10.4 15.6

129 5.8 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

