

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062617.D
 Acq On : 27 Jul 2020 22:39
 Operator : JC/MD
 Sample : L3439-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200438-3001A

Quant Time: Jul 28 07:52:31 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

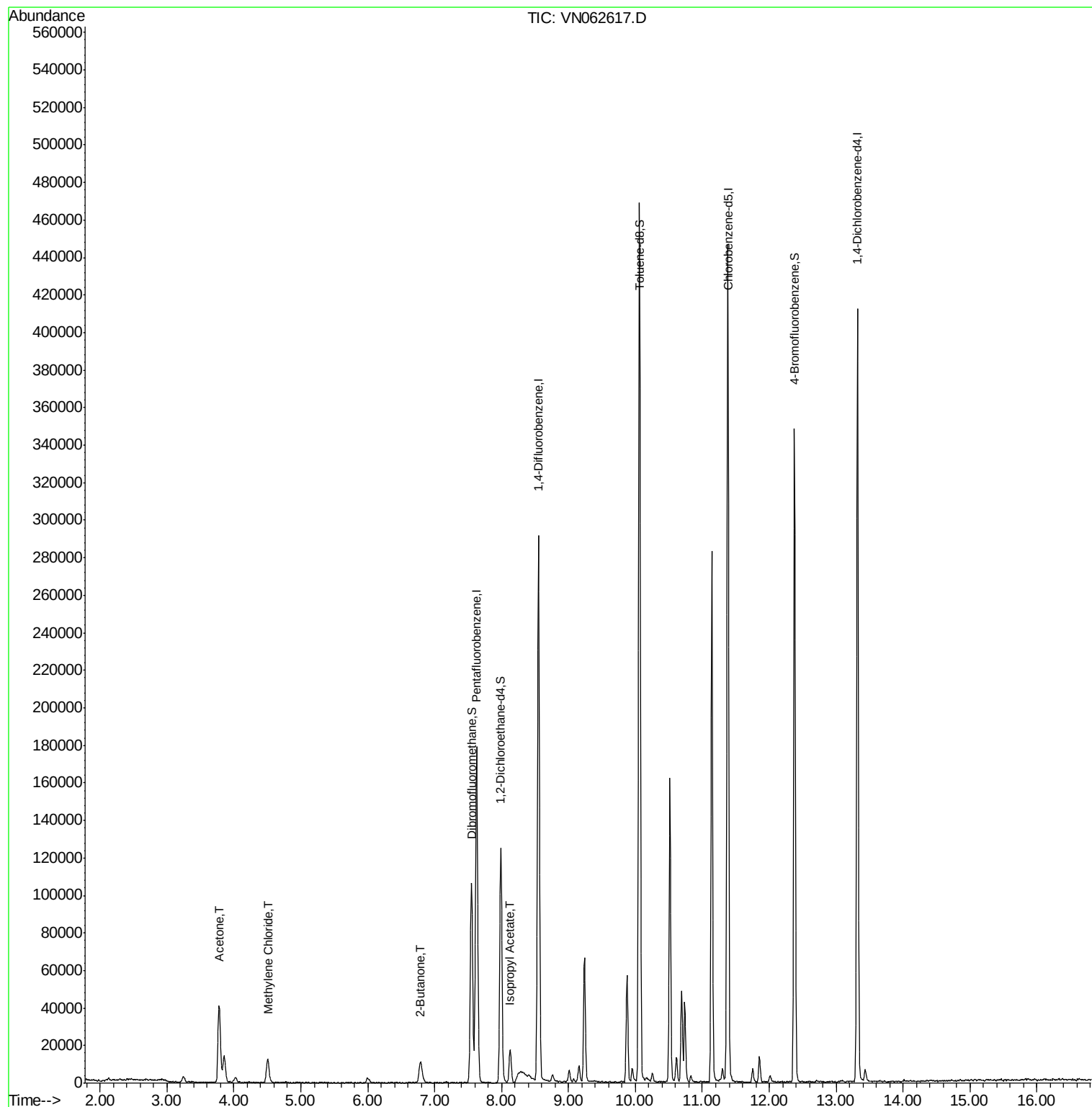
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	133506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	117156	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
35) Dibromofluoromethane	7.55	113	82004	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.06	98	318788	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.38	95	121595	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
16) Acetone	3.78	43	73263	93.874	ug/l	97
20) Methylene Chloride	4.51	84	9087	4.855	ug/l	90
25) 2-Butanone	6.80	43	17966	15.115	ug/l	95
43) Isopropyl Acetate	8.13	43	21089	4.620	ug/l #	88

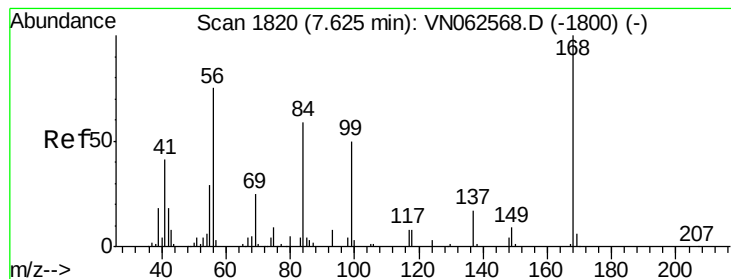
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
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# 1821

Delta R.T. 0.00 min

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Acq: 27 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

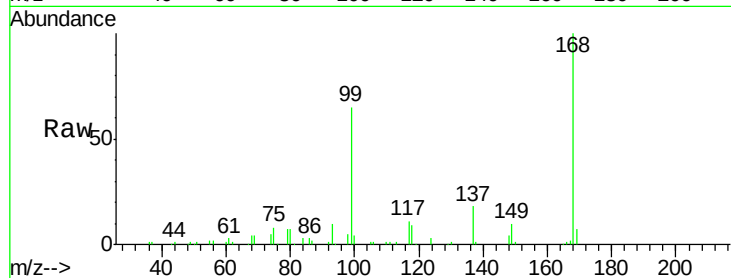
20200438-3001A

Tot Ion:168 Resp: 133506

Ion Ratio Lower Upper

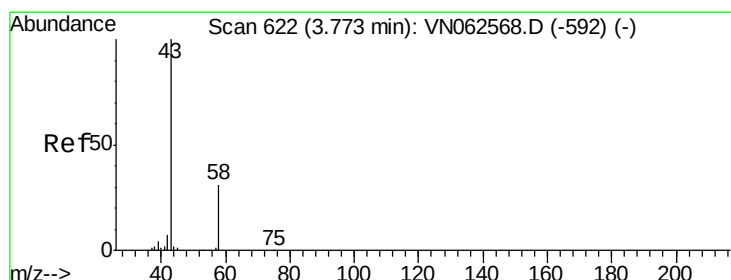
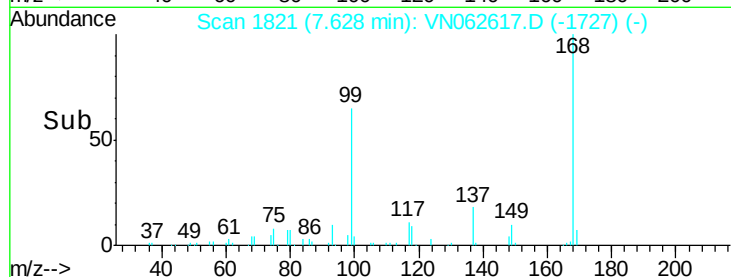
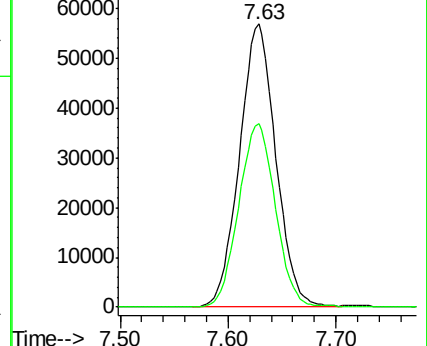
168 100

99 64.9 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: 93.874 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062617.D

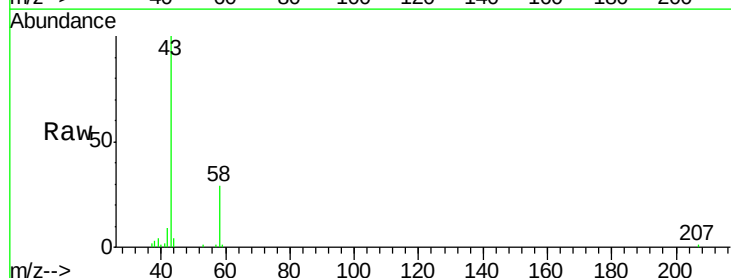
Acq: 27 Jul 2020 22:39

Tgt Ion: 43 Resp: 73263

Ion Ratio Lower Upper

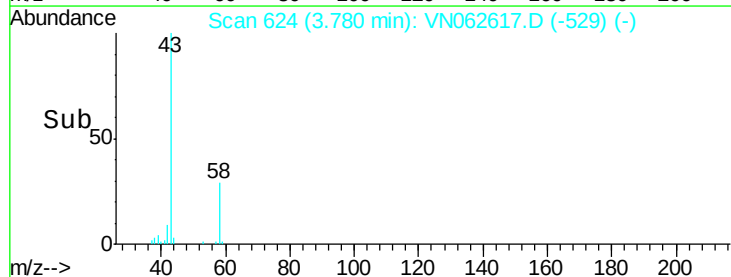
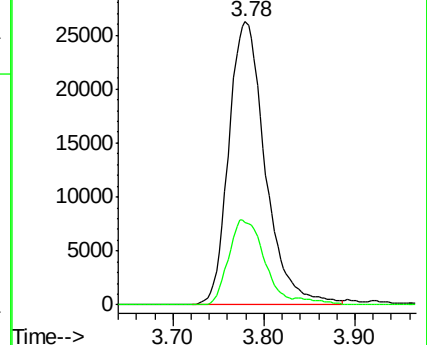
43 100

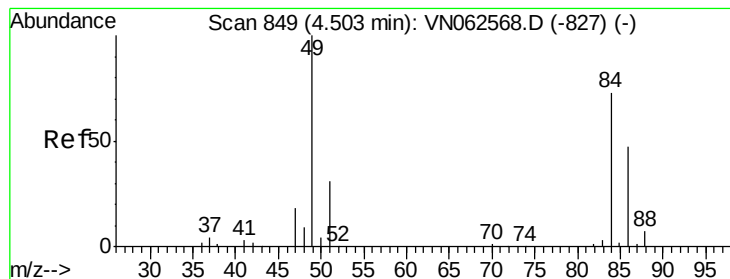
58 29.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 4.855 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN062617.D

Acq: 27 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

20200438-3001A

Tot Ion: 84 Resp: 9087

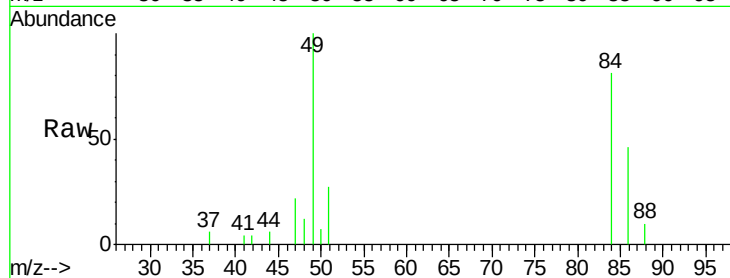
Ion Ratio Lower Upper

84 100

49 124.1 109.4 164.0

51 33.7 33.6 50.4

86 57.5 51.4 77.2

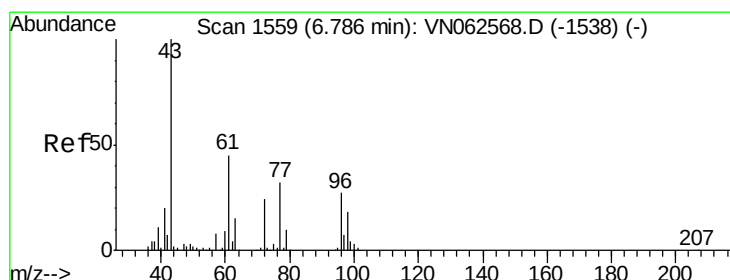
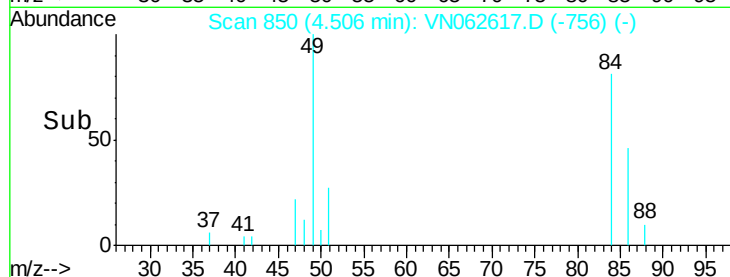
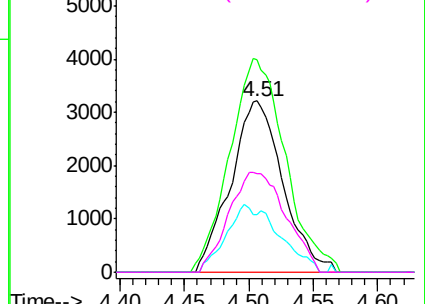


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#25

2-Butanone

Concen: 15.115 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062617.D

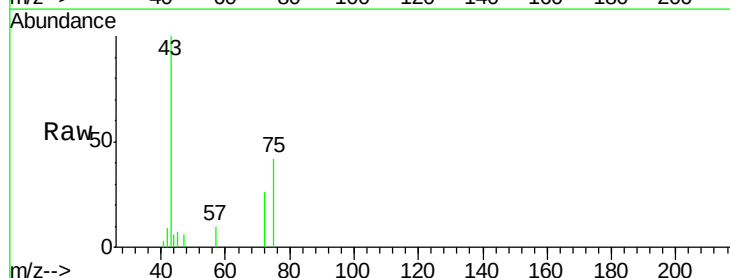
Acq: 27 Jul 2020 22:39

Tgt Ion: 43 Resp: 17966

Ion Ratio Lower Upper

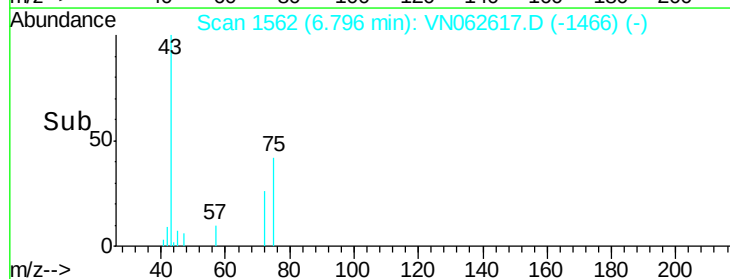
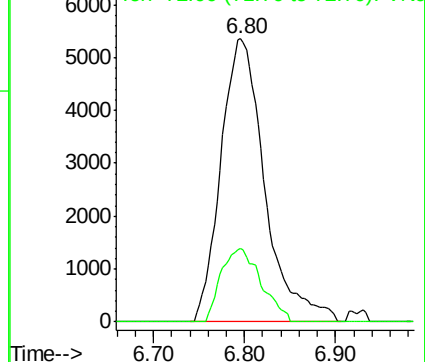
43 100

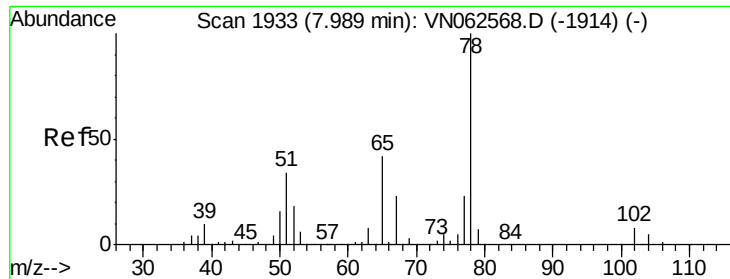
72 26.2 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

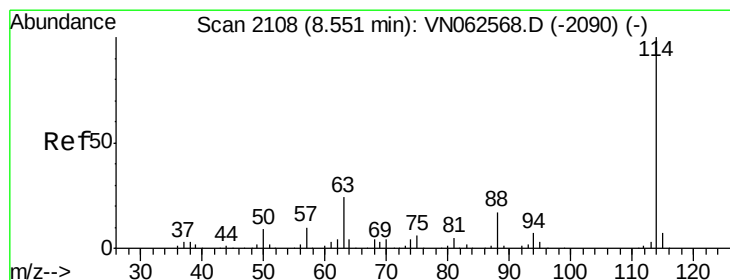
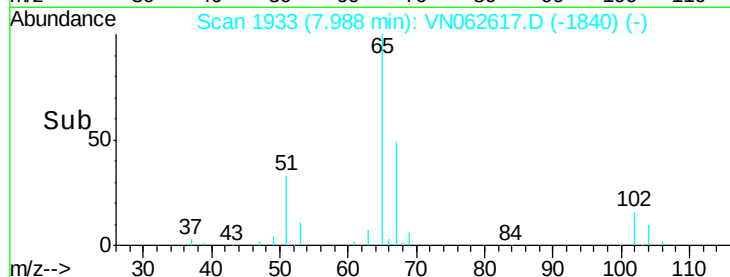
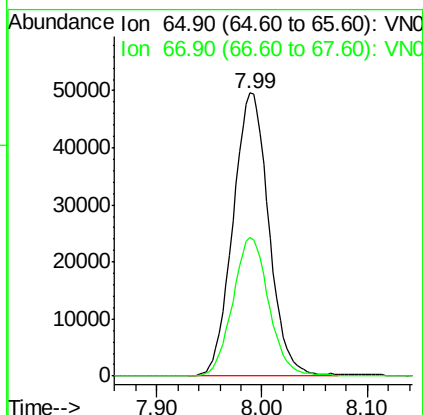
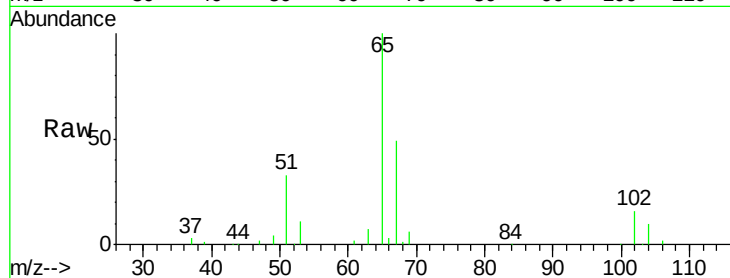




#33
 1,2-Dichloroethane-d4
 Concen: 56.489 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062617.D
 Acq: 27 Jul 2020 22:39

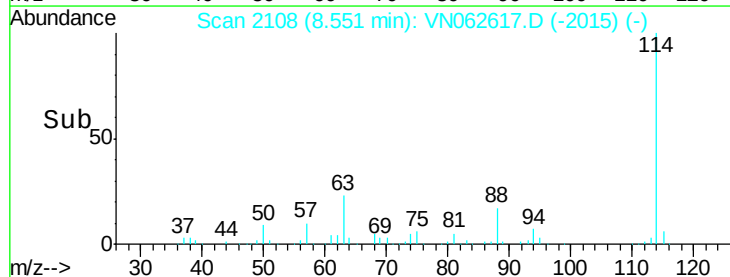
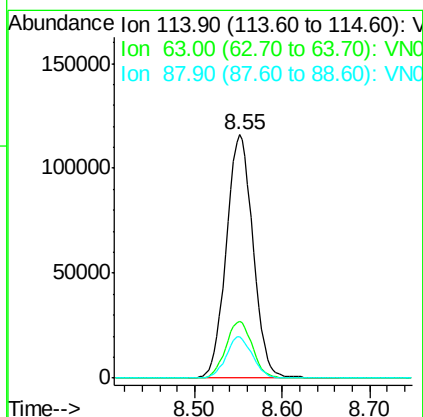
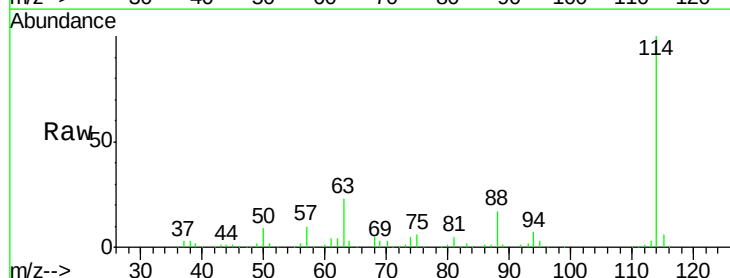
Instrument :
 MSVOA_N
 ClientSampleId :
 20200438-3001A

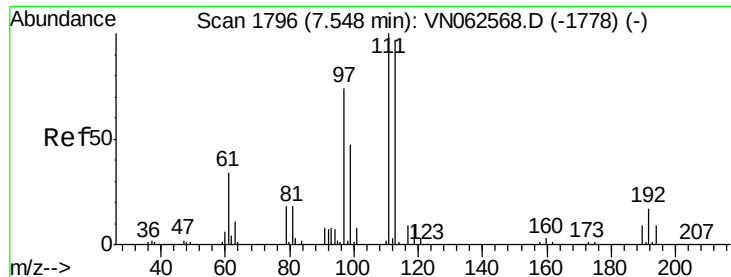
Tot Ion: 65 Resp: 117156
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062617.D
 Acq: 27 Jul 2020 22:39

Tgt Ion: 114 Resp: 246446
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 48.4
 88 16.9 0.0 33.8

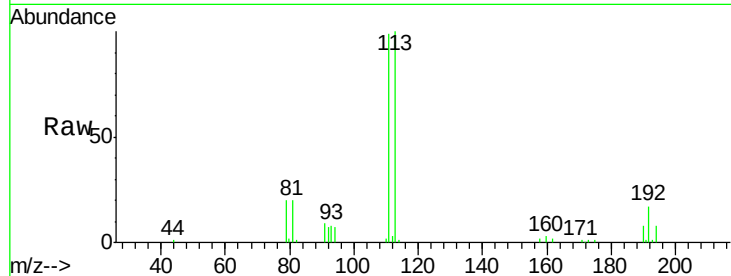




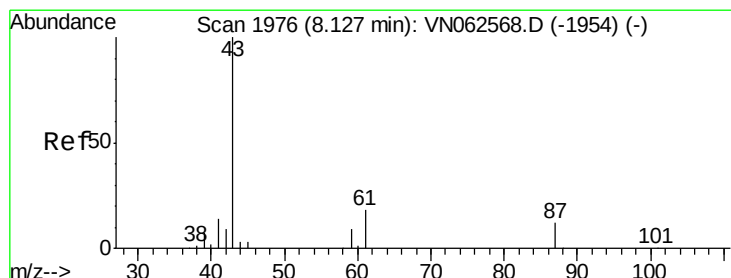
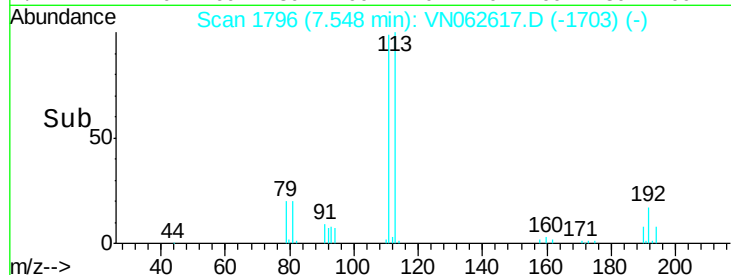
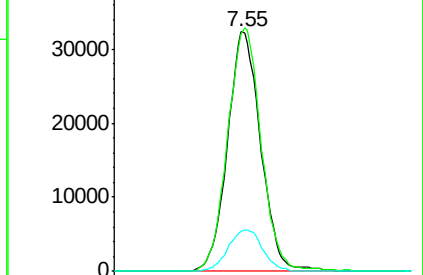
#35
 Dibromofluoromethane
 Concen: 50.657 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062617.D
 Acq: 27 Jul 2020 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 20200438-3001A

Tot Ion:113 Resp: 82004
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 18.0 14.8 22.2

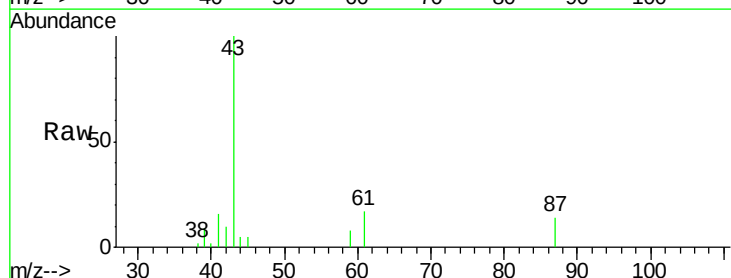


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

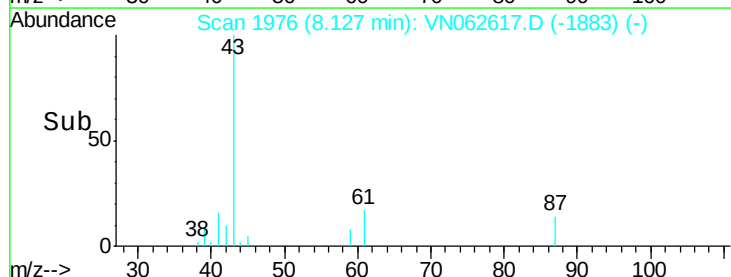
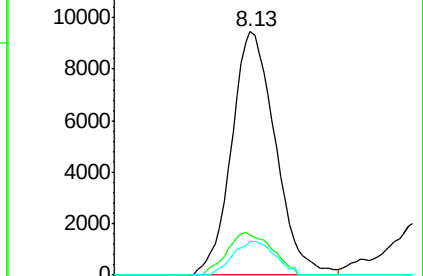


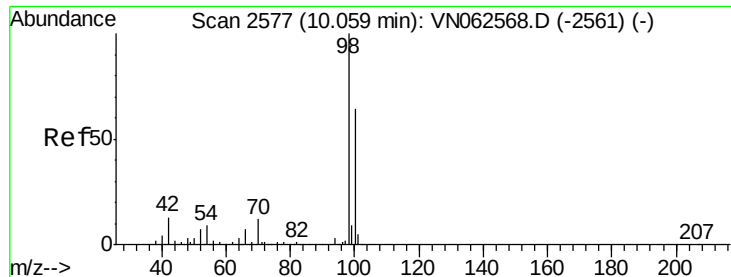
#43
 Isopropyl Acetate
 Concen: 4.620 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062617.D
 Acq: 27 Jul 2020 22:39

Tgt Ion: 43 Resp: 21089
 Ion Ratio Lower Upper
 43 100
 61 17.9 20.8 31.2#
 87 13.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.356 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062617.D

Acq: 27 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

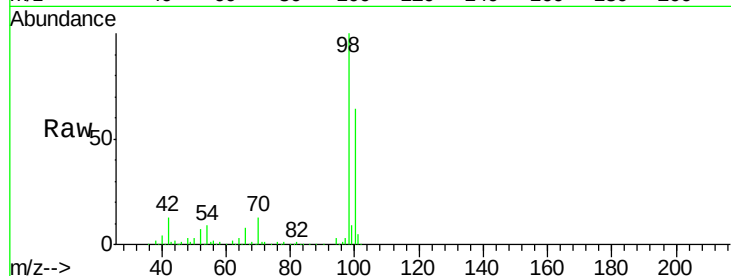
20200438-3001A

Tot Ion: 98 Resp: 318788

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

200000

150000

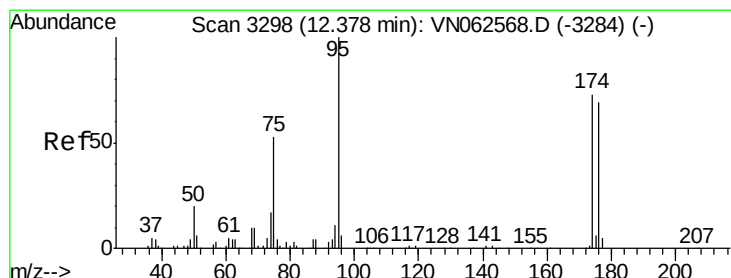
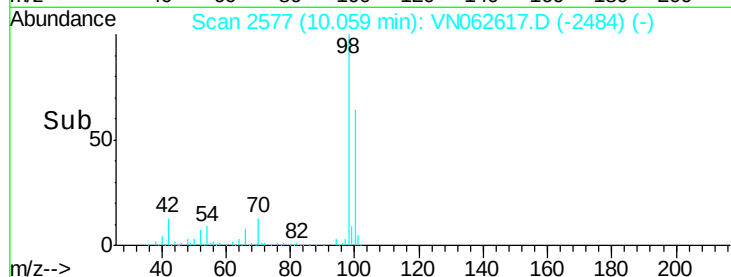
100000

50000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 51.487 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062617.D

Acq: 27 Jul 2020 22:39

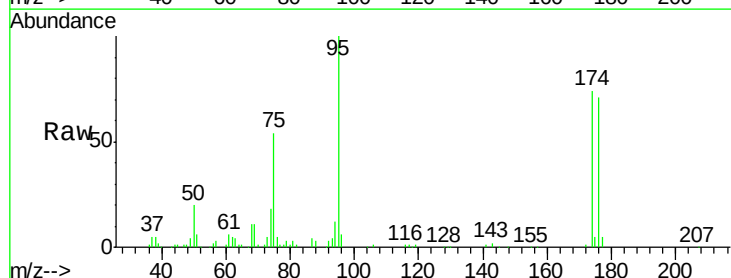
Tgt Ion: 95 Resp: 121595

Ion Ratio Lower Upper

95 100

174 75.3 0.0 144.6

176 71.0 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

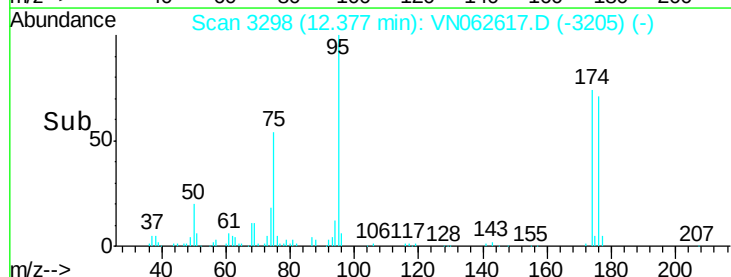
40000

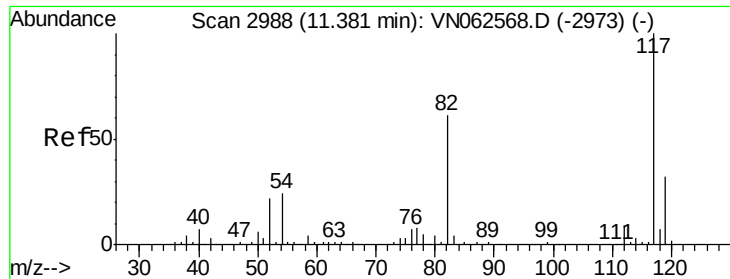
20000

0

12.30 12.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062617.D

Acq: 27 Jul 2020 22:39

Instrument :

MSVOA_N

ClientSampleId :

20200438-3001A

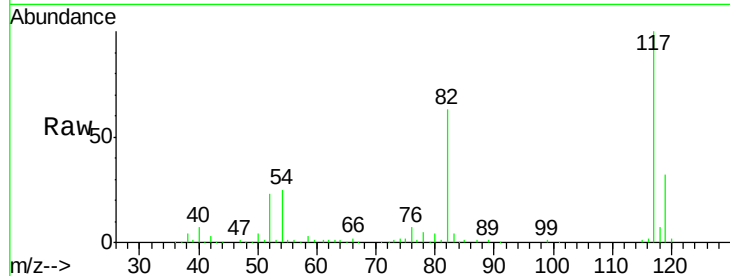
Tot Ion:117 Resp: 245242

Ion Ratio Lower Upper

117 100

82 62.7 49.0 73.6

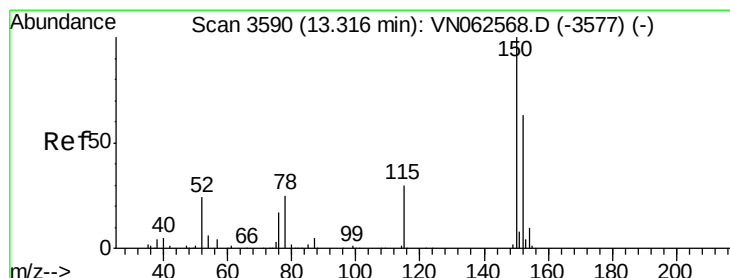
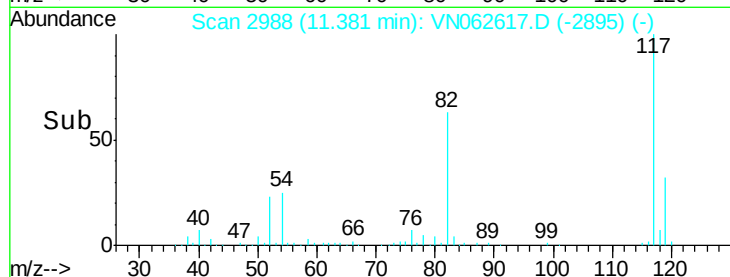
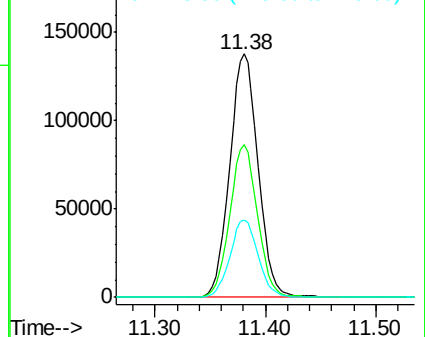
119 32.0 25.4 38.2



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: VN062617.D

Acq: 27 Jul 2020 22:39

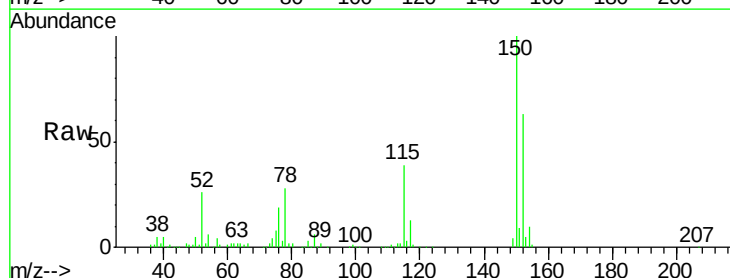
Tgt Ion:152 Resp: 107075

Ion Ratio Lower Upper

152 100

115 62.8 31.8 95.4

150 157.8 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

