

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062843.D
 Acq On : 11 Aug 2020 20:45
 Operator : JC/MD
 Sample : PB130804TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130804TB

Quant Time: Aug 11 21:49:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

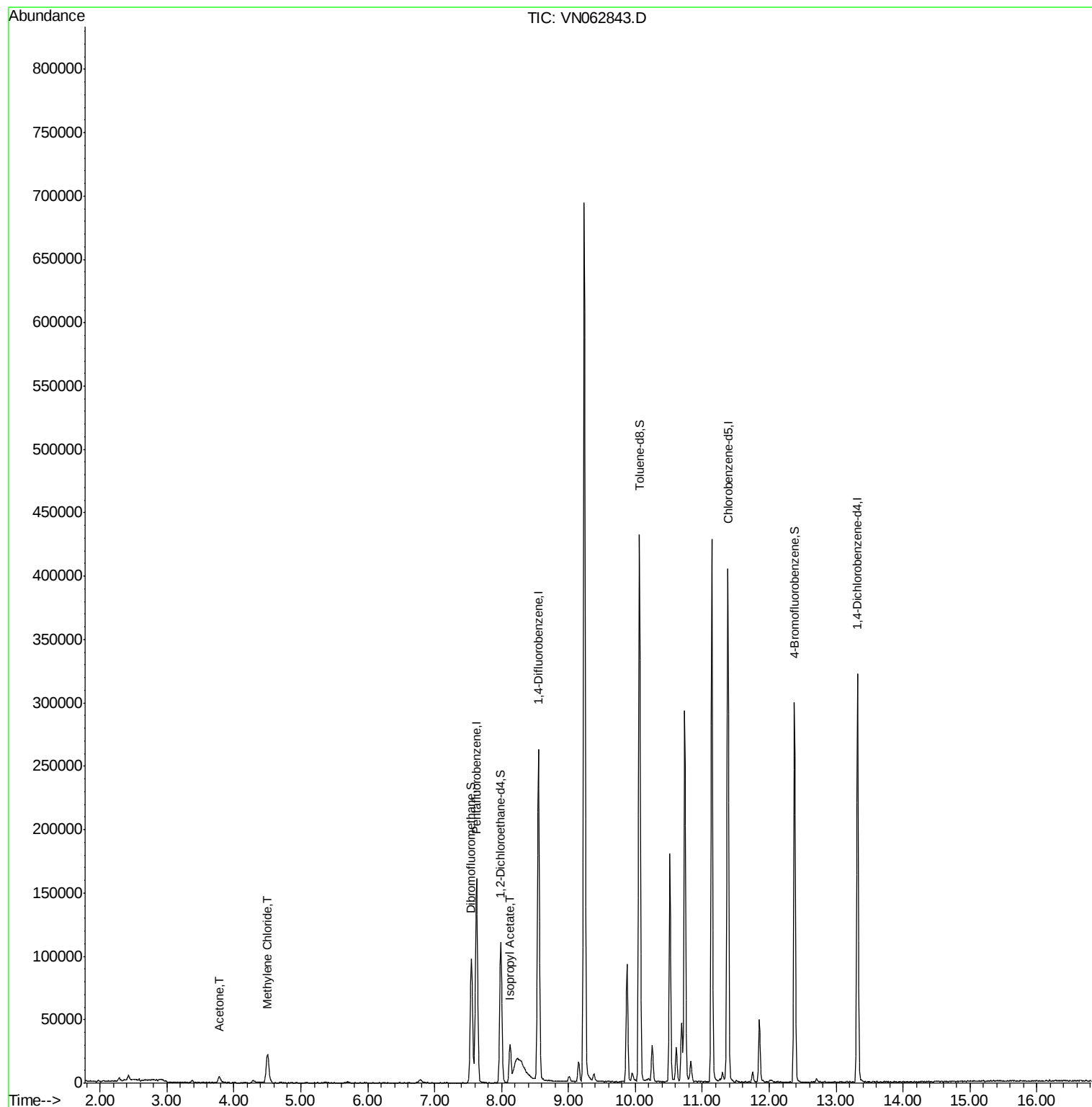
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	119034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	222408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104162	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	7.55	113	74994	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.06	98	290506	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.38	95	107311	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
Target Compounds						
16) Acetone	3.78	43	8716	12.254	ug/l	95
20) Methylene Chloride	4.50	84	16981	12.475	ug/l	97
43) Isopropyl Acetate	8.13	43	36843	9.764	ug/l	98

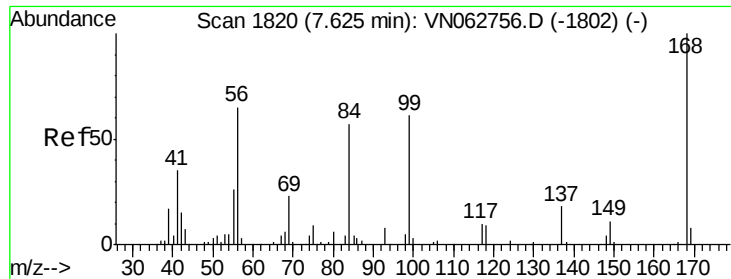
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081120\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062843.D

Acq: 11 Aug 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

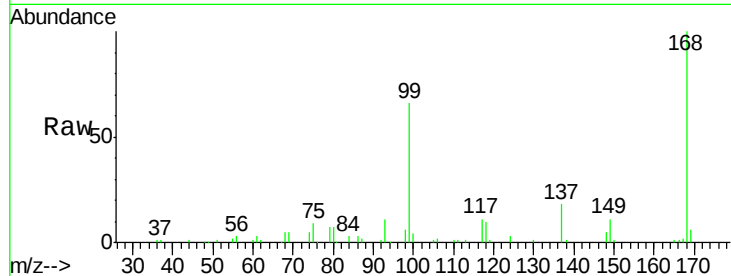
PB130804TB

Tot Ion:168 Resp: 119034

Ion Ratio Lower Upper

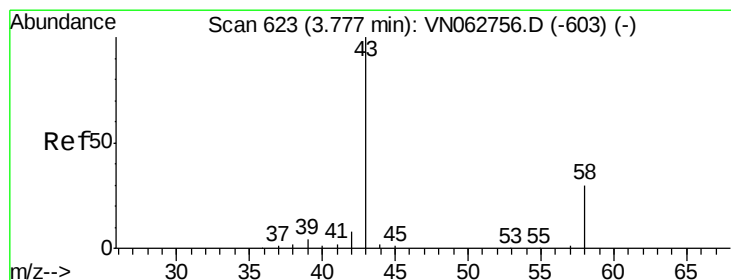
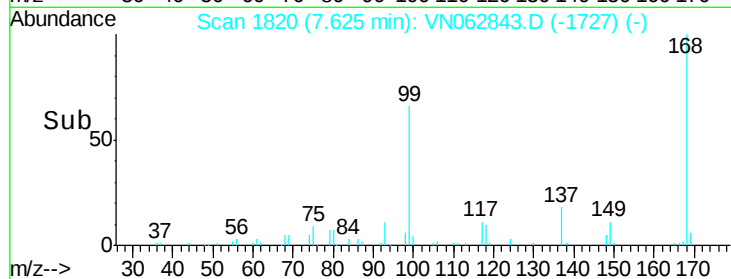
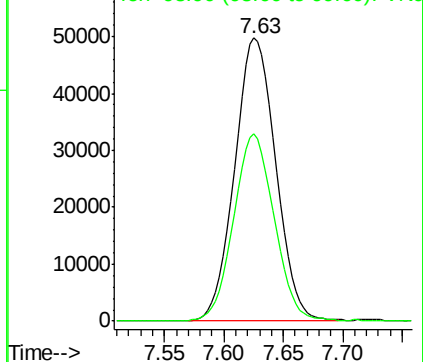
168 100

99 66.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.254 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062843.D

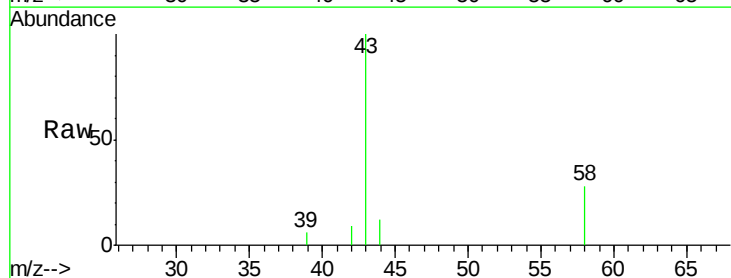
Acq: 11 Aug 2020 20:45

Tgt Ion: 43 Resp: 8716

Ion Ratio Lower Upper

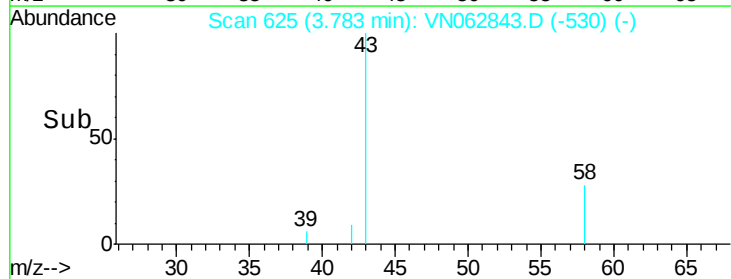
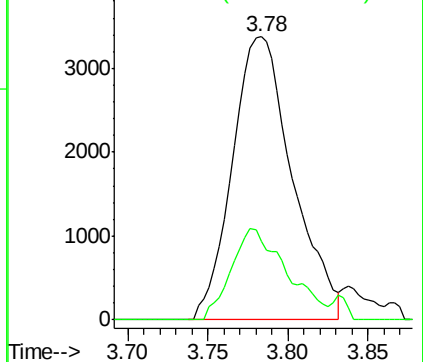
43 100

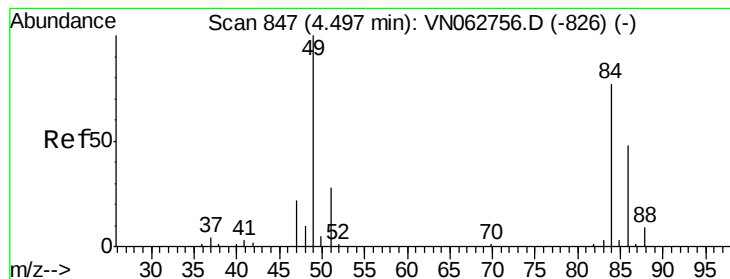
58 27.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 12.475 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062843.D

Acq: 11 Aug 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

PB130804TB

Tot Ion: 84 Resp: 16981

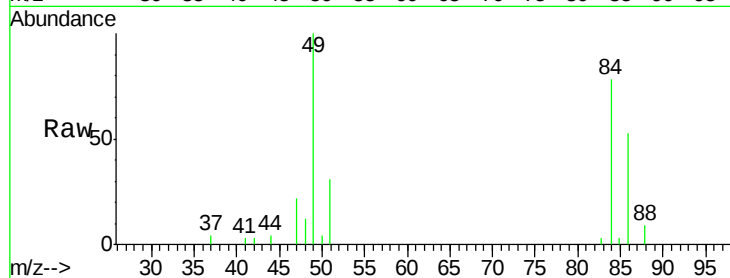
Ion Ratio Lower Upper

84 100

49 128.2 103.4 155.2

51 39.2 29.3 43.9

86 68.0 49.9 74.9

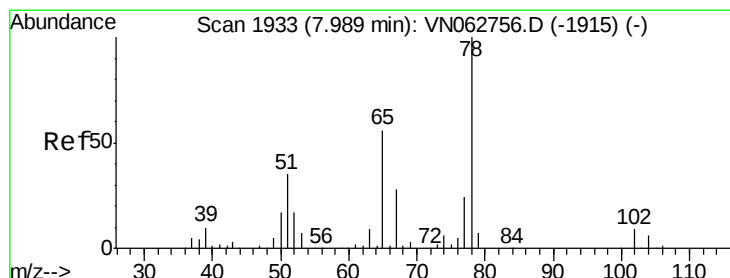
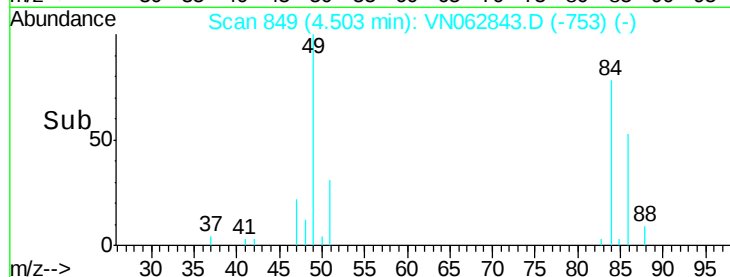
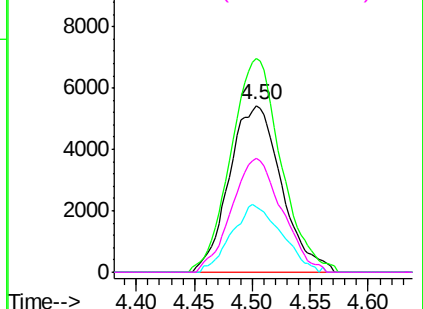


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 52.916 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062843.D

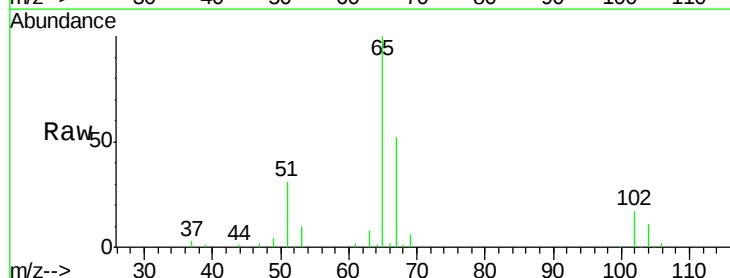
Acq: 11 Aug 2020 20:45

Tgt Ion: 65 Resp: 104162

Ion Ratio Lower Upper

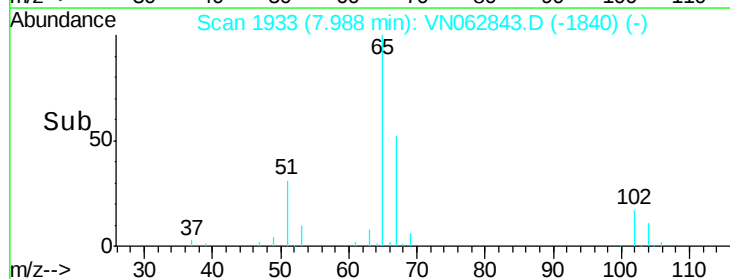
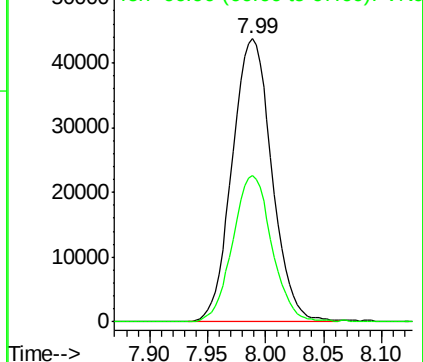
65 100

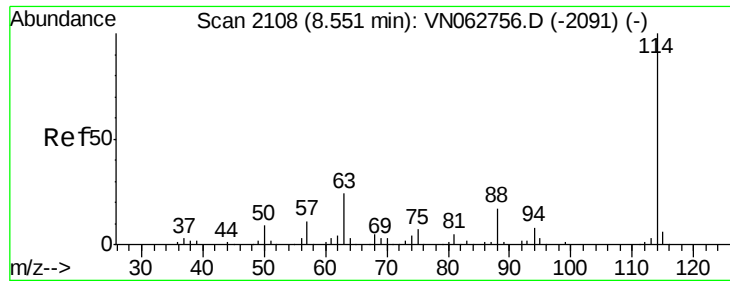
67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

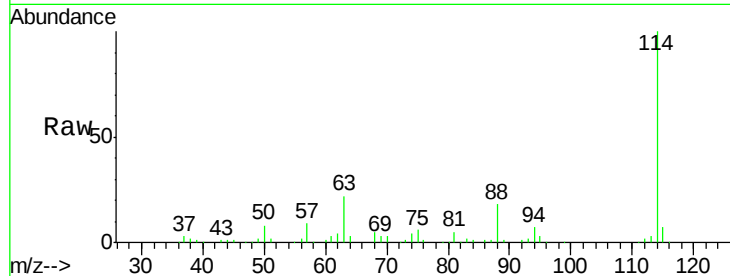




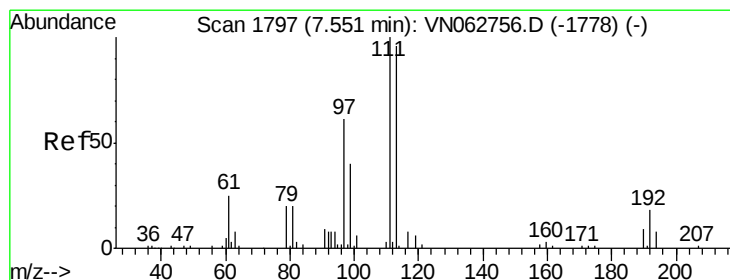
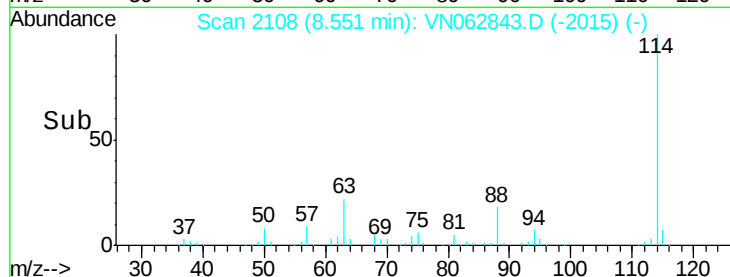
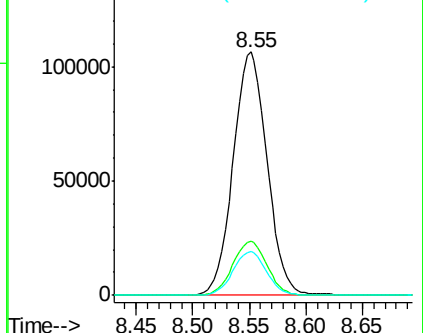
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062843.D
 Acq: 11 Aug 2020 20:45

Instrument :
 MSVOA_N
 ClientSampled :
 PB130804TB

Tot Ion:114 Resp: 222408
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.6
 88 18.0 0.0 34.4

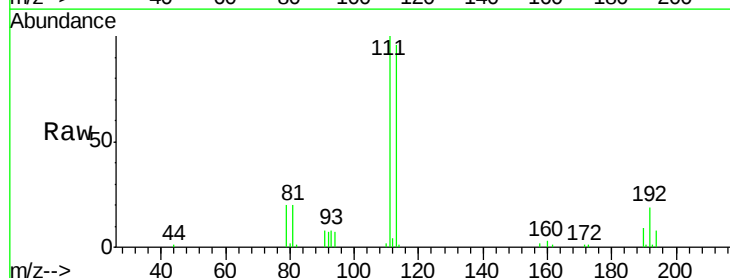


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

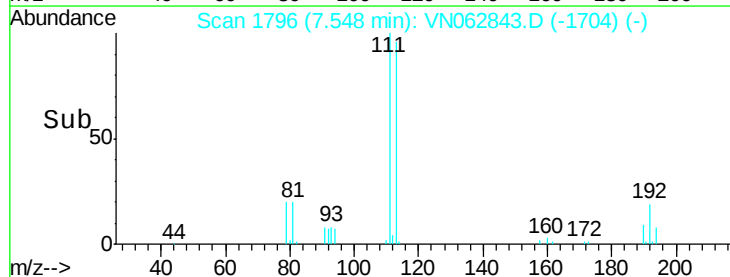
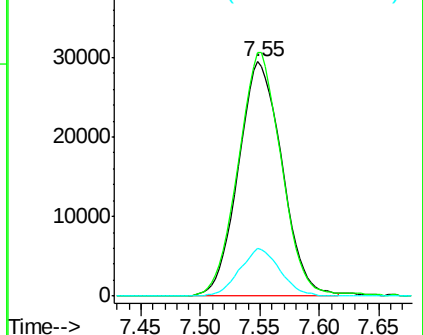


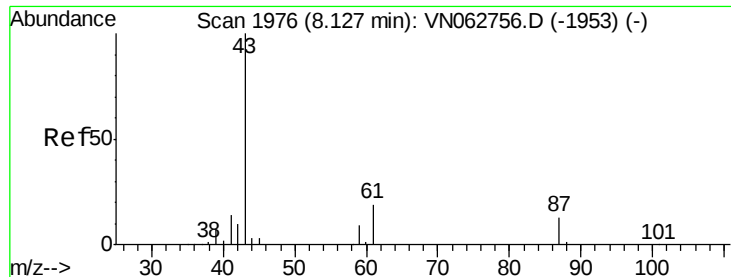
#35
 Dibromofluoromethane
 Concen: 49.293 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062843.D
 Acq: 11 Aug 2020 20:45

Tgt Ion:113 Resp: 74994
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 18.7 15.0 22.4



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: 9.764 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062843.D

Acq: 11 Aug 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

PB130804TB

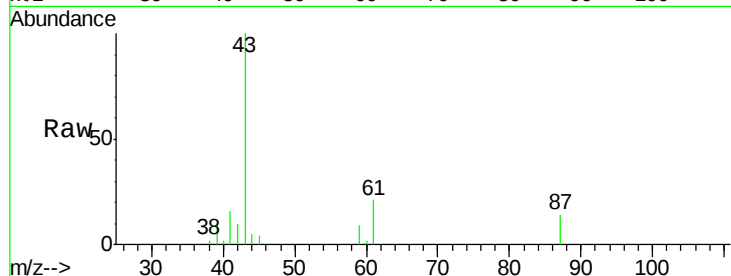
Tot Ion: 43 Resp: 36843

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.6

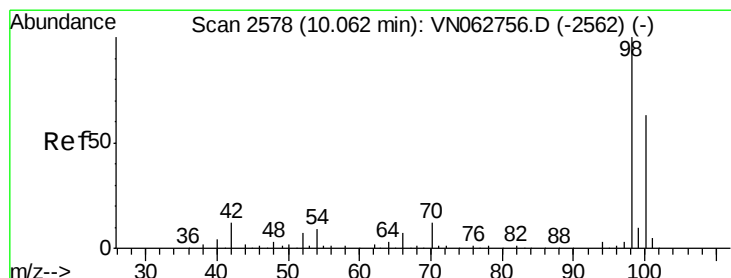
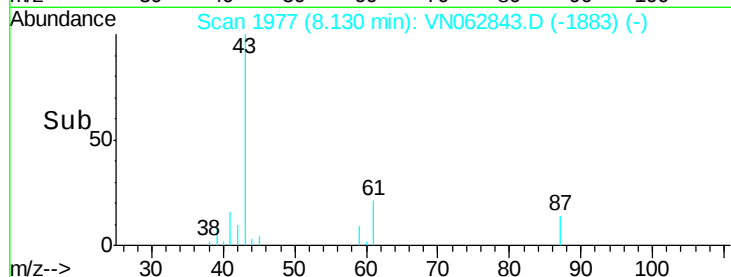
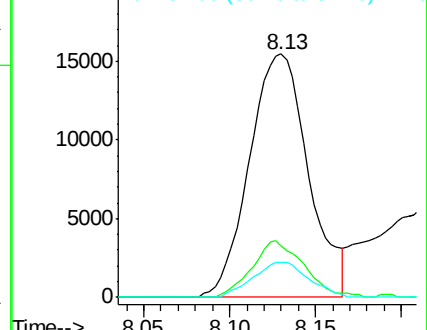
87 13.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#50

Toluene-d8

Concen: 48.910 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062843.D

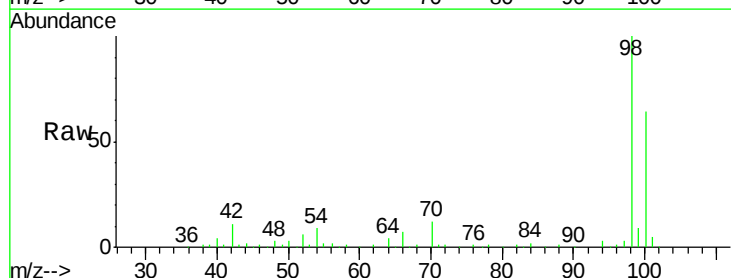
Acq: 11 Aug 2020 20:45

Tgt Ion: 98 Resp: 290506

Ion Ratio Lower Upper

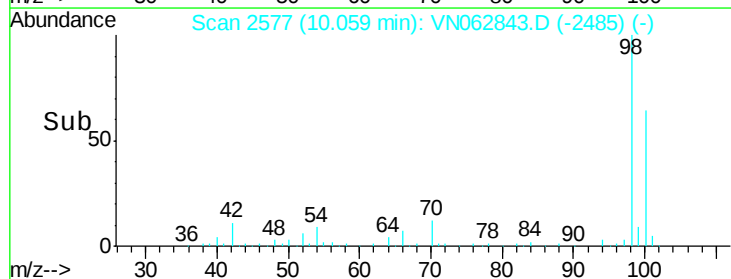
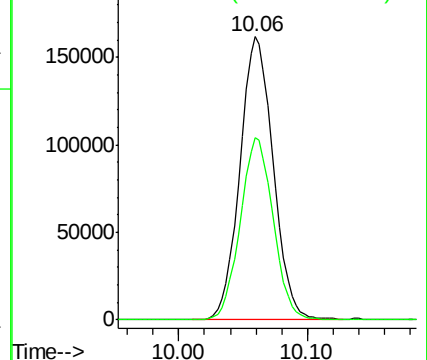
98 100

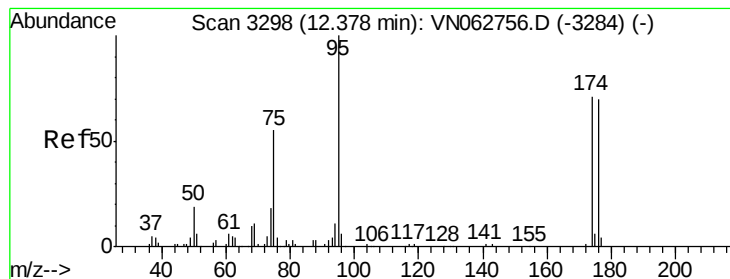
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 47.809 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062843.D

Acq: 11 Aug 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

PB130804TB

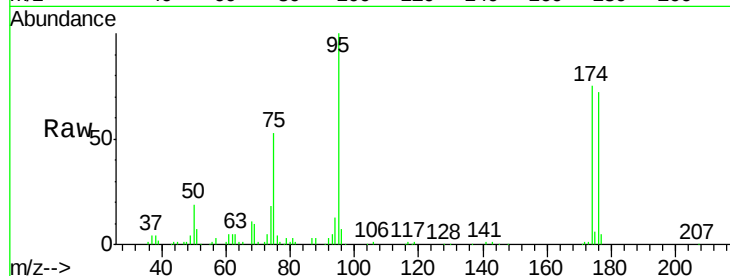
Tot Ion: 95 Resp: 107311

Ion Ratio Lower Upper

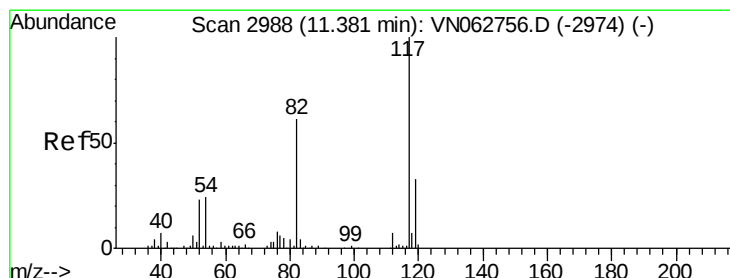
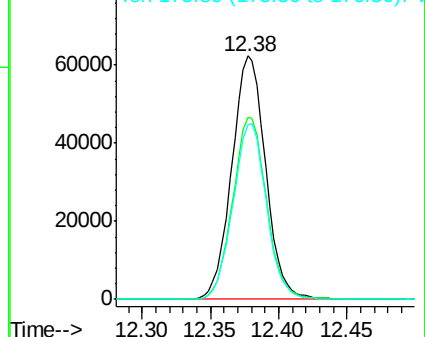
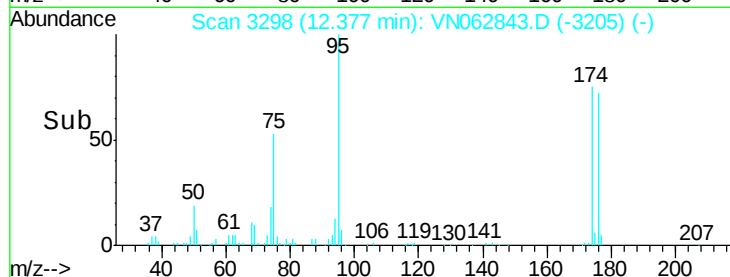
95 100

174 74.8 0.0 144.8

176 71.5 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062843.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062843.D

Acq: 11 Aug 2020 20:45

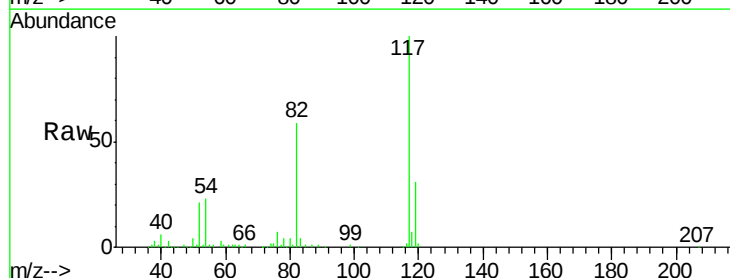
Tgt Ion: 117 Resp: 230073

Ion Ratio Lower Upper

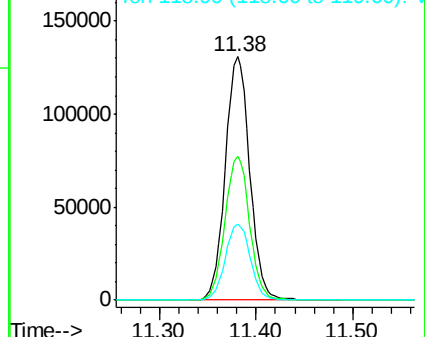
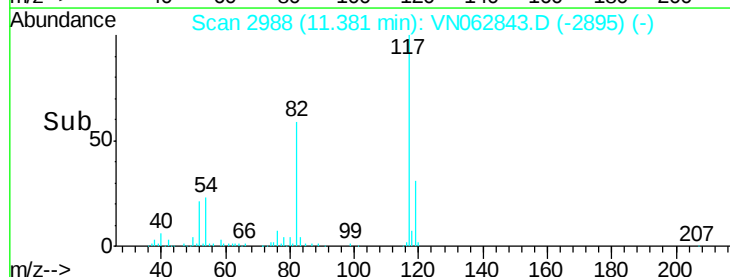
117 100

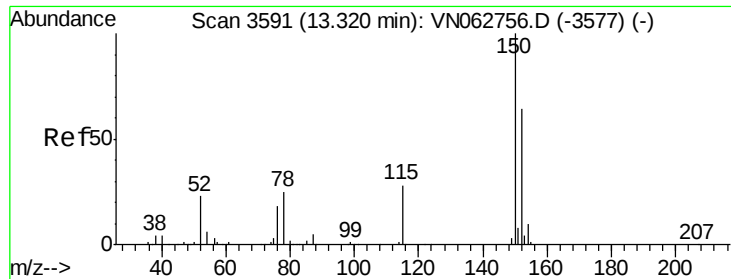
82 58.9 49.0 73.4

119 31.2 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062843.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062843.D

Acq: 11 Aug 2020 20:45

Instrument :

MSVOA_N

ClientSampleId :

PB130804TB

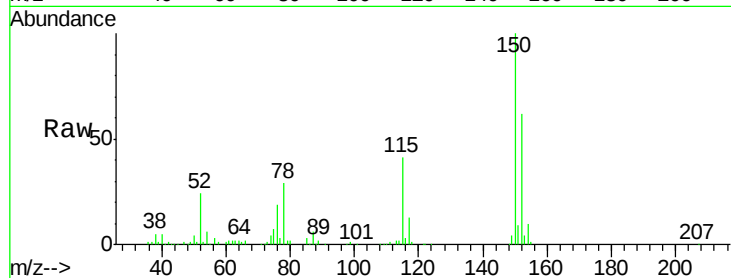
Tot Ion:152 Resp: 84090

Ion Ratio Lower Upper

152 100

115 65.1 31.6 94.8

150 158.5 0.0 349.2



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

