

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062818.D
 Acq On : 10 Aug 2020 19:25
 Operator : JC/MD
 Sample : PB130829TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130829TB

Quant Time: Aug 11 07:51:35 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

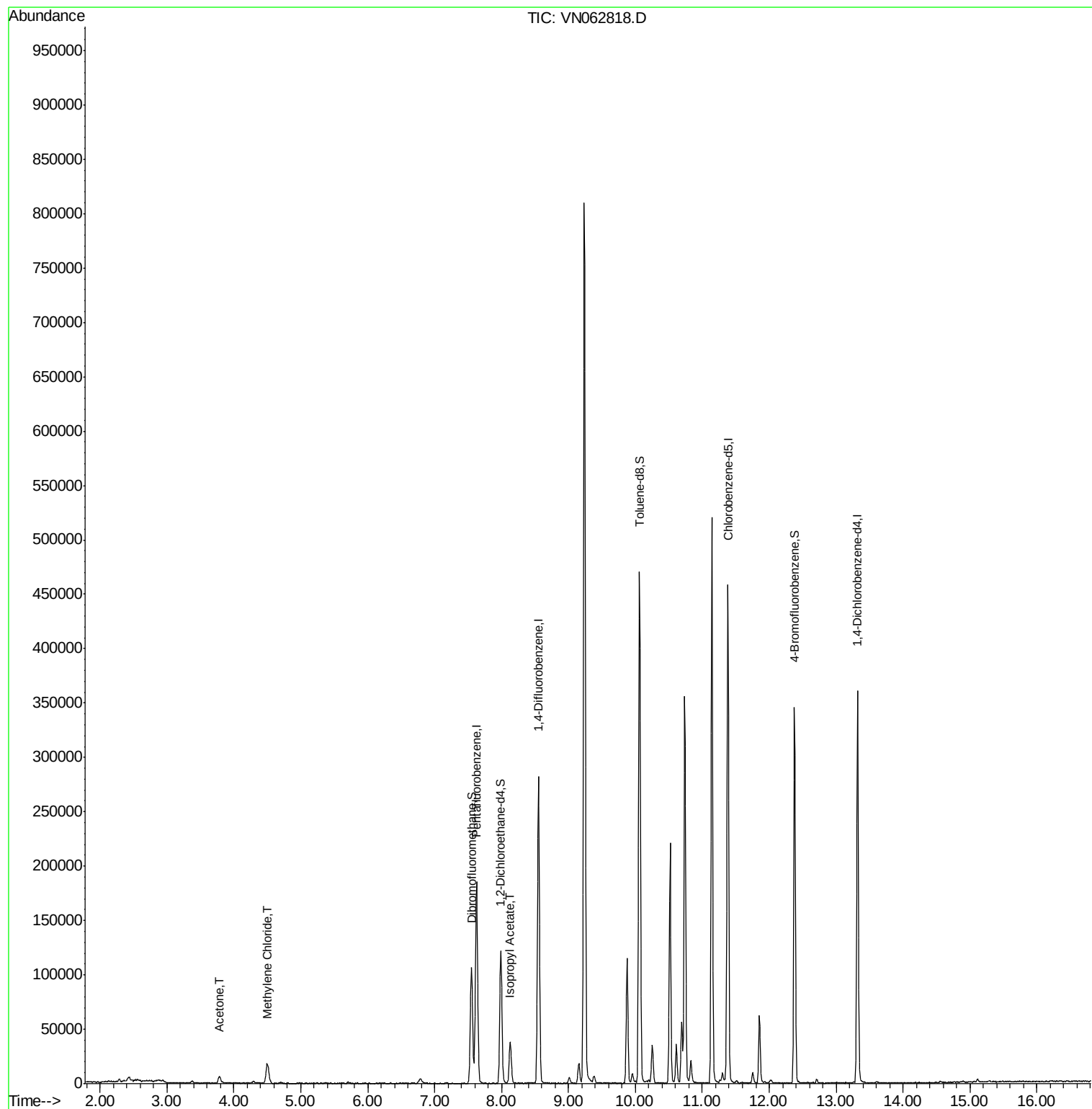
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	140144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112105	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	7.55	113	80629	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	10.06	98	326341	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	122032	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
Target Compounds						
16) Acetone	3.78	43	10452	12.481	ug/l	97
20) Methylene Chloride	4.50	84	14196	8.634	ug/l	92
43) Isopropyl Acetate	8.13	43	46234	11.145	ug/l	97

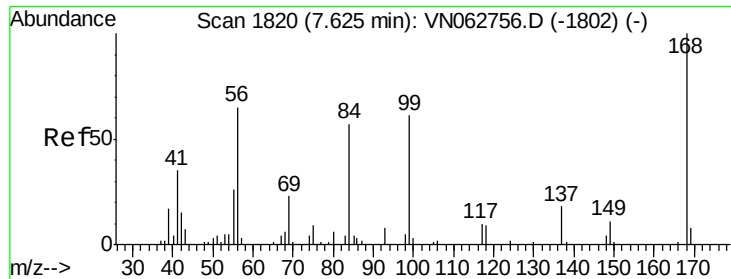
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062818.D

Acq: 10 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

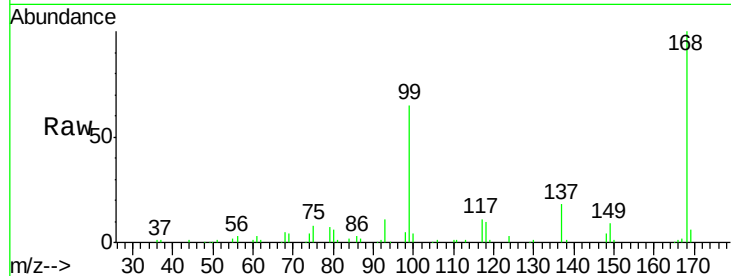
PB130829TB

Tot Ion:168 Resp: 140144

Ion Ratio Lower Upper

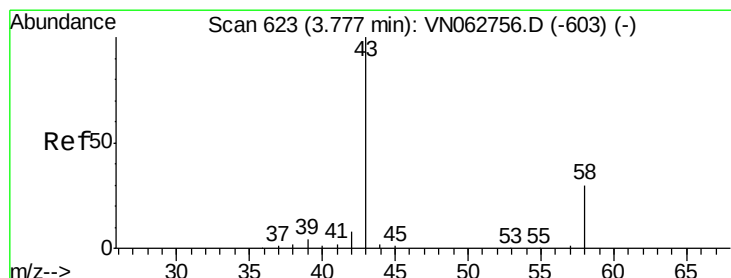
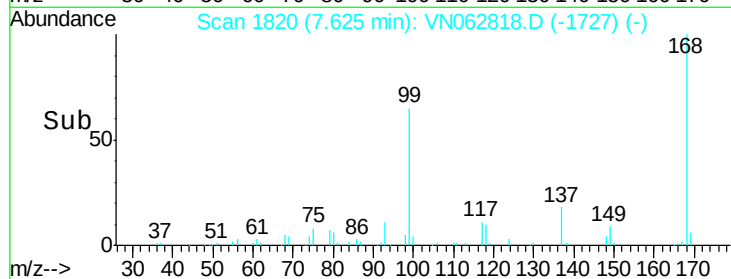
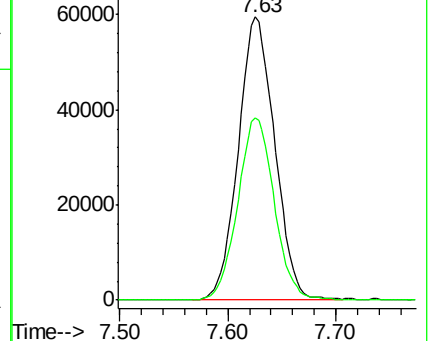
168 100

99 64.6 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: 12.481 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062818.D

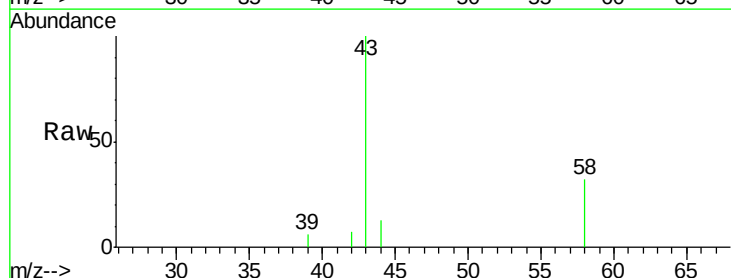
Acq: 10 Aug 2020 19:25

Tgt Ion: 43 Resp: 10452

Ion Ratio Lower Upper

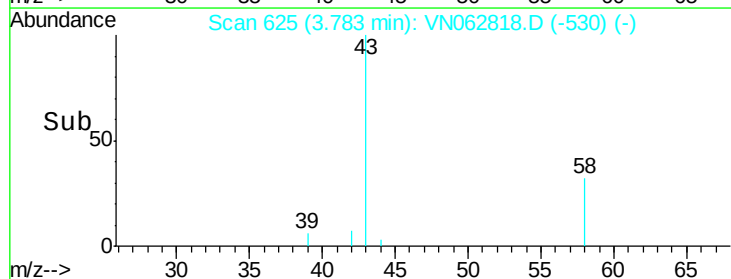
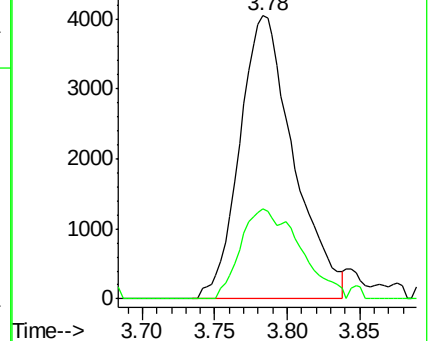
43 100

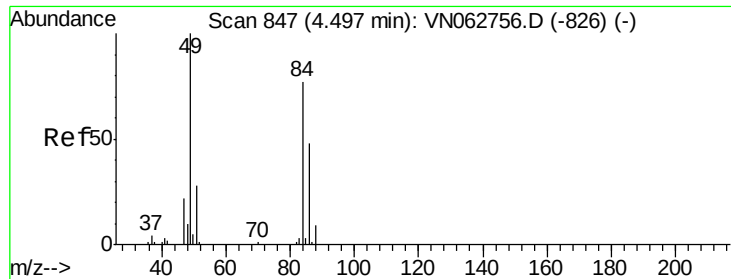
58 31.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

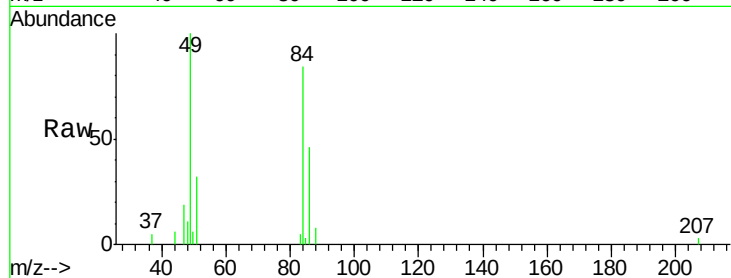




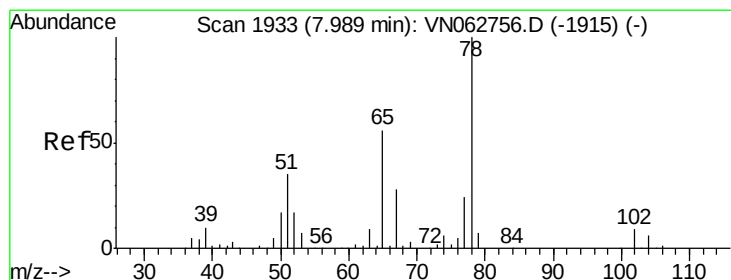
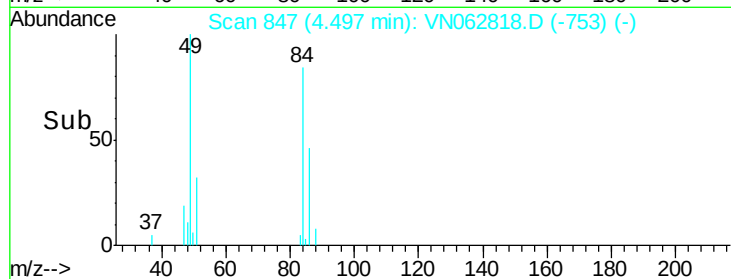
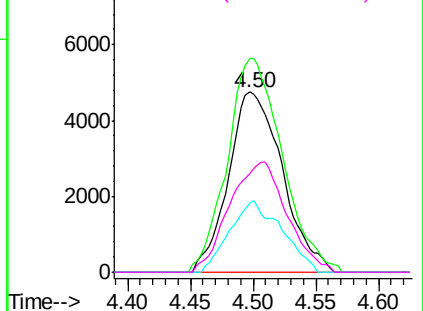
#20
Methylene Chloride
Concen: 8.634 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062818.D
Acq: 10 Aug 2020 19:25

Instrument :
MSVOA_N
ClientSampled :
PB130829TB

Tot Ion: 84 Resp: 14196
Ion Ratio Lower Upper
84 100
49 118.7 103.4 155.2
51 38.4 29.3 43.9
86 54.9 49.9 74.9

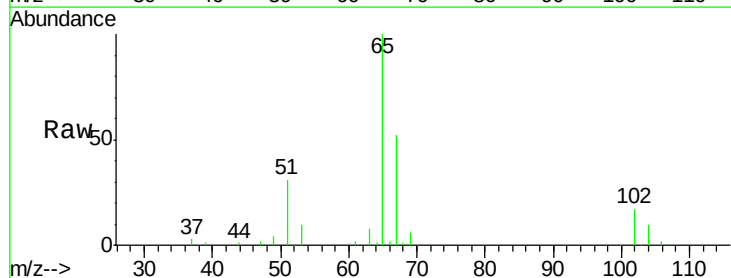


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

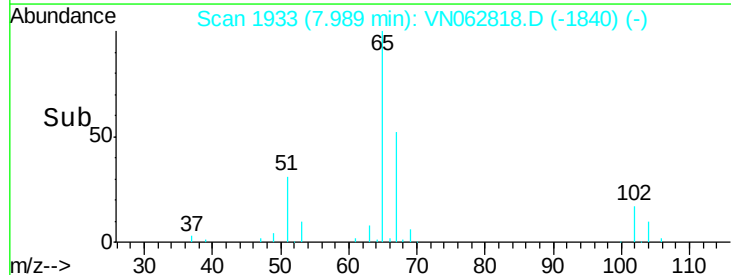
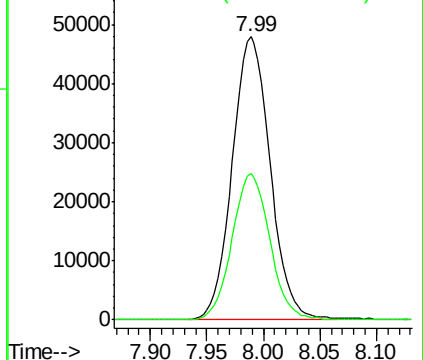


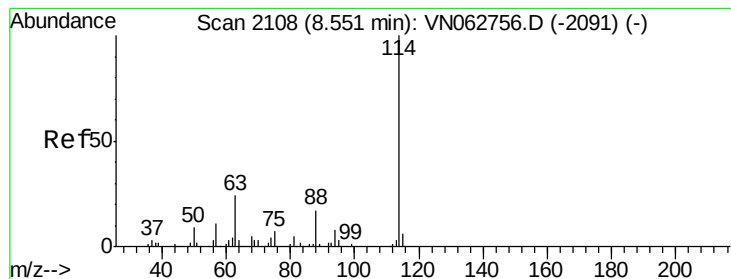
#33
1,2-Dichloroethane-d4
Concen: 48.372 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062818.D
Acq: 10 Aug 2020 19:25

Tgt Ion: 65 Resp: 112105
Ion Ratio Lower Upper
65 100
67 51.3 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: VN062818.D

Acq: 10 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130829TB

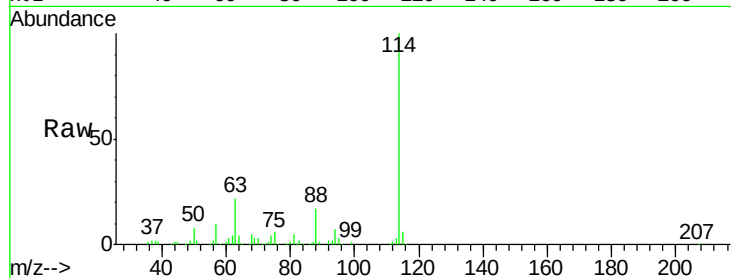
Tot Ion:114 Resp: 244511

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

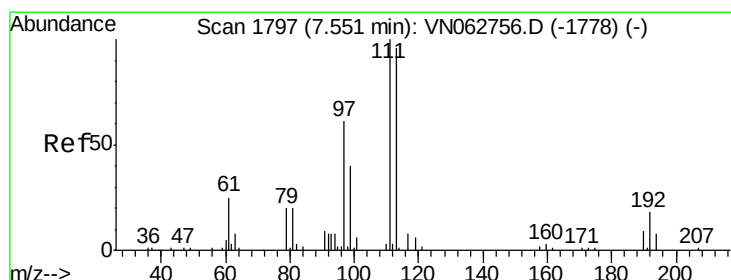
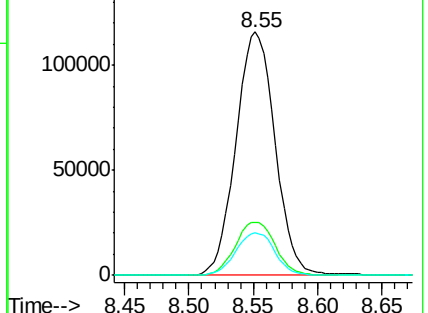
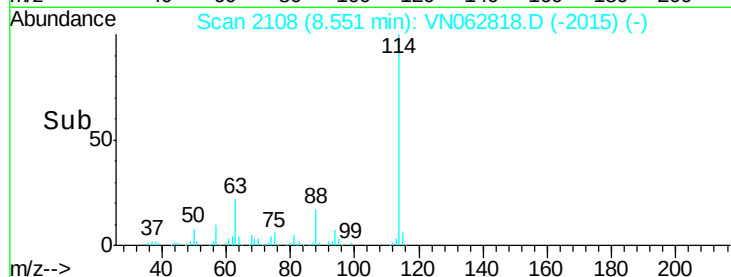
88 17.4 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.206 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062818.D

Acq: 10 Aug 2020 19:25

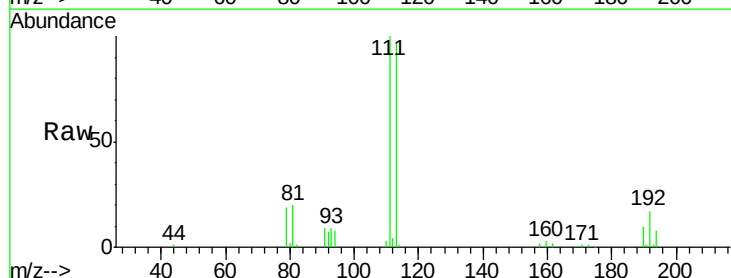
Tgt Ion:113 Resp: 80629

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

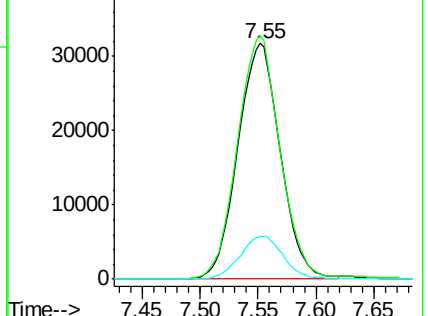
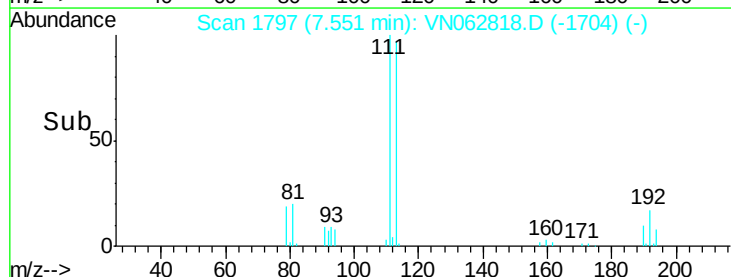
192 18.2 15.0 22.4

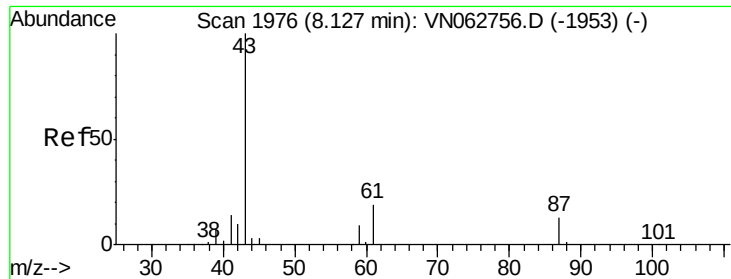


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.145 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062818.D

Acq: 10 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampled :

PB130829TB

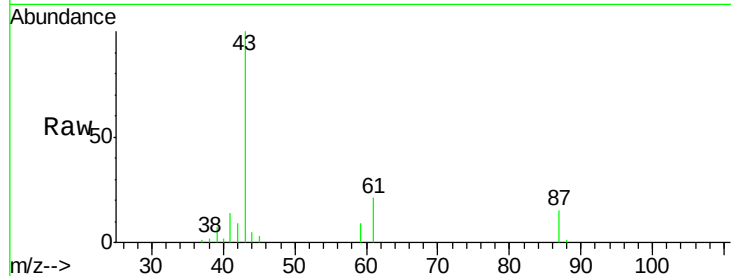
Tot Ion: 43 Resp: 46234

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.6

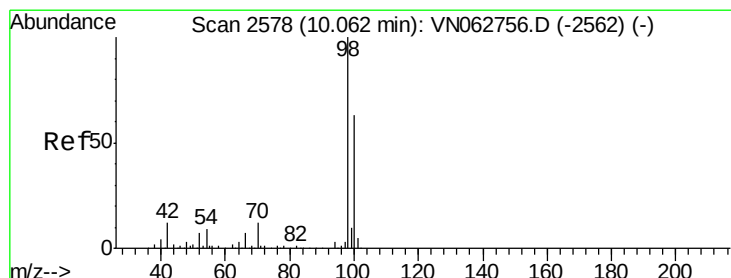
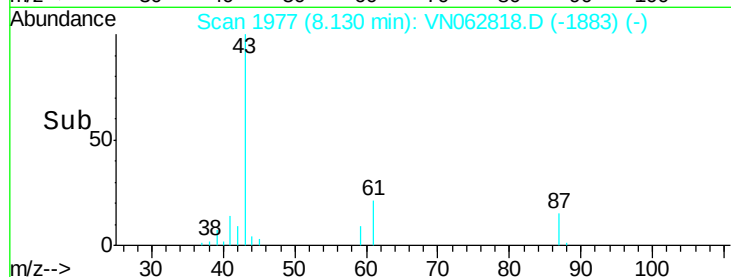
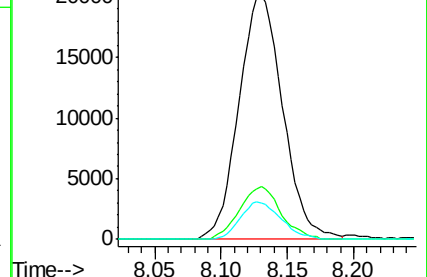
87 14.3 9.9 14.9



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: 49.976 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062818.D

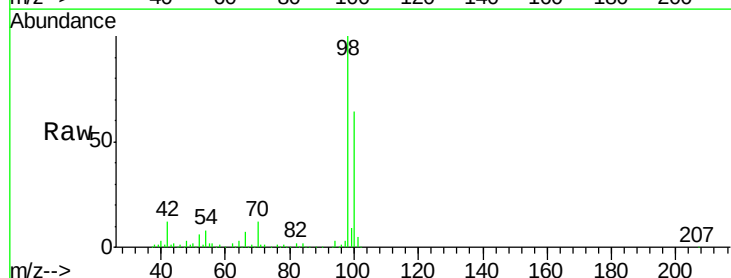
Acq: 10 Aug 2020 19:25

Tgt Ion: 98 Resp: 326341

Ion Ratio Lower Upper

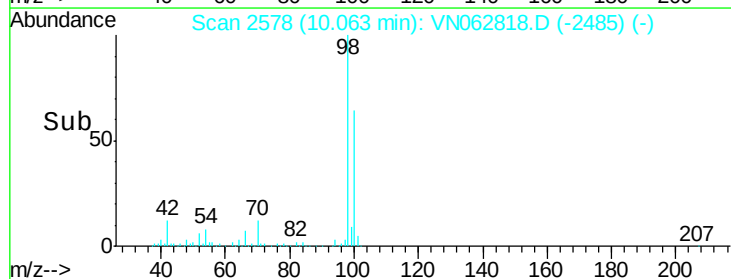
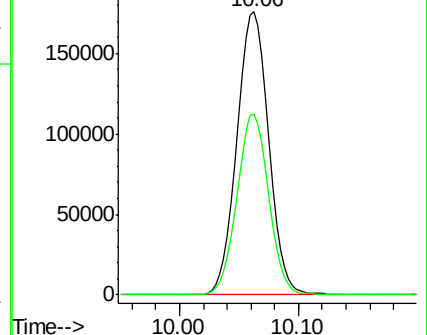
98 100

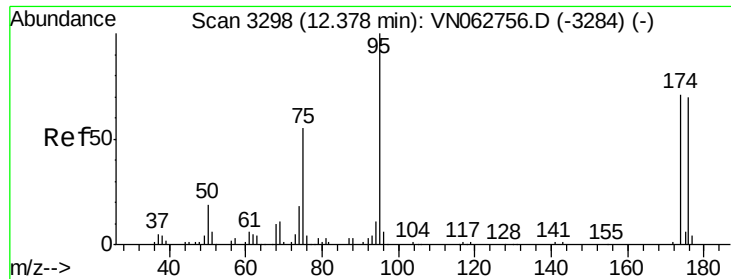
100 63.7 50.9 76.3



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: 49.452 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062818.D

Acq: 10 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130829TB

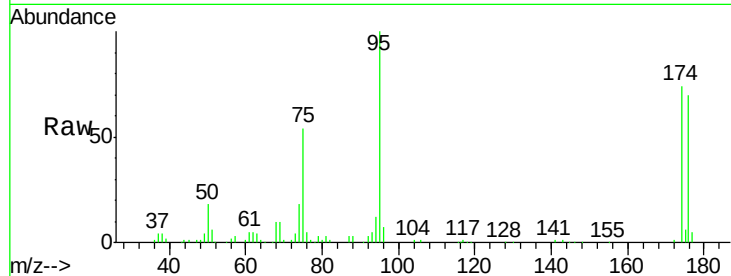
Tot Ion: 95 Resp: 122032

Ion Ratio Lower Upper

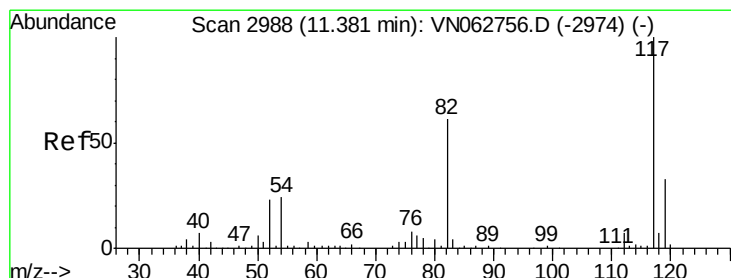
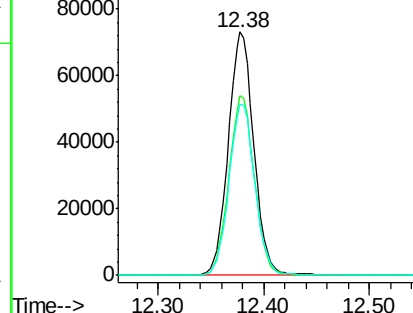
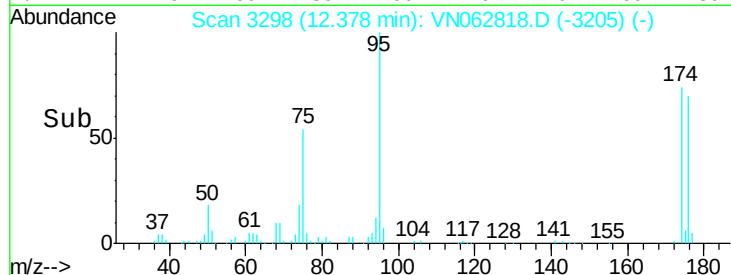
95 100

174 74.0 0.0 144.8

176 71.0 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062818.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062818.D

Acq: 10 Aug 2020 19:25

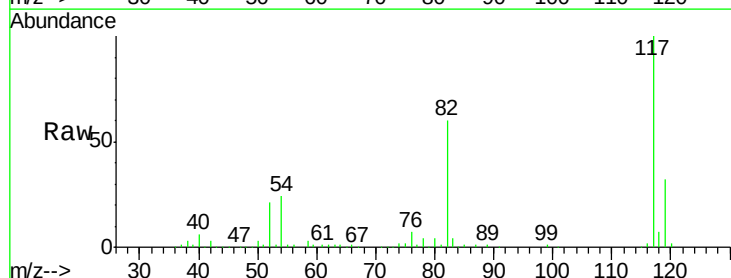
Tgt Ion: 117 Resp: 254094

Ion Ratio Lower Upper

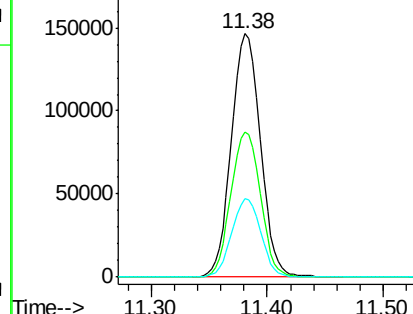
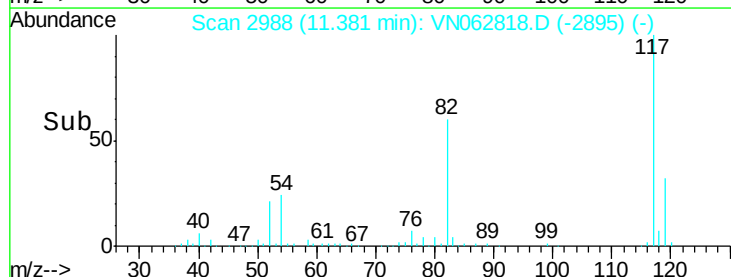
117 100

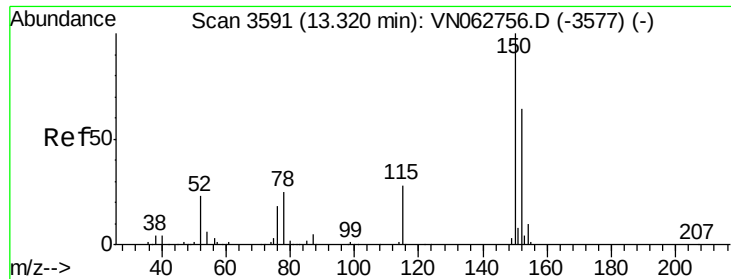
82 59.7 49.0 73.4

119 32.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062818.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: VN062818.D

Acq: 10 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130829TB

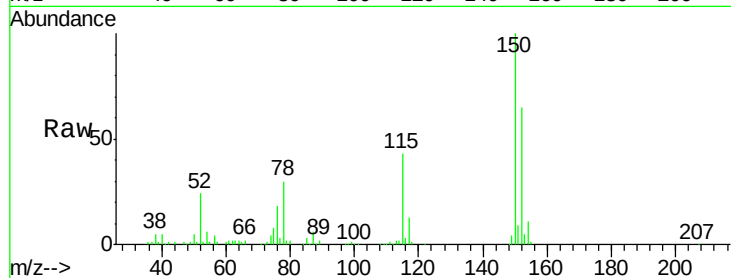
Tot Ion:152 Resp: 94653

Ion Ratio Lower Upper

152 100

115 65.2 31.6 94.8

150 157.7 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

