

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062786.D
 Acq On : 7 Aug 2020 18:05
 Operator : JC/MD
 Sample : PB130790ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130790ZHE#03

Quant Time: Aug 08 02:51:35 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

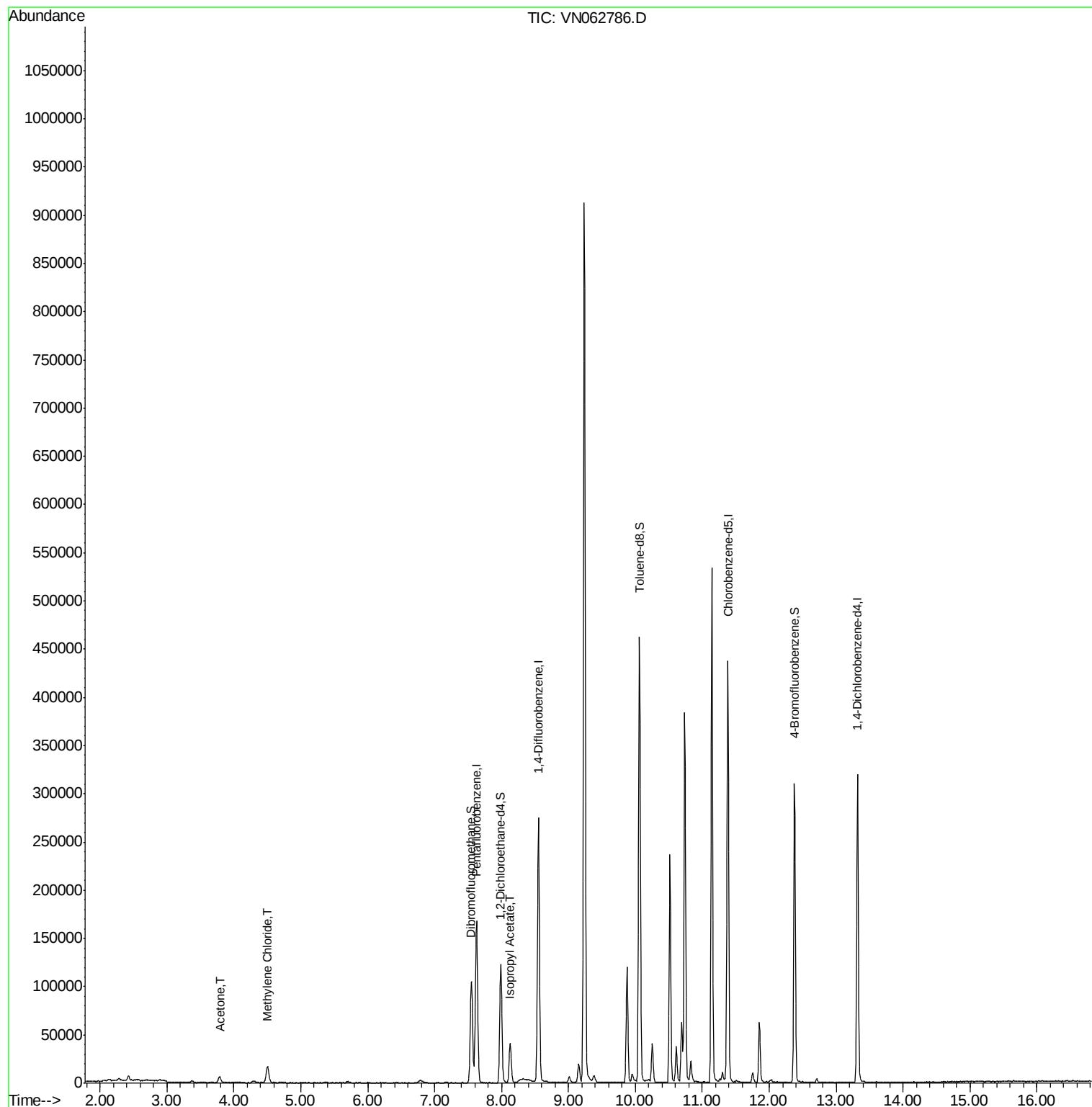
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	131034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	234210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111914	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	80554	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	312083	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.38	95	112710	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
Target Compounds						
16) Acetone	3.79	43	12327	15.744	ug/l	96
20) Methylene Chloride	4.50	84	12780	8.285	ug/l #	95
43) Isopropyl Acetate	8.13	43	48978	12.326	ug/l	99

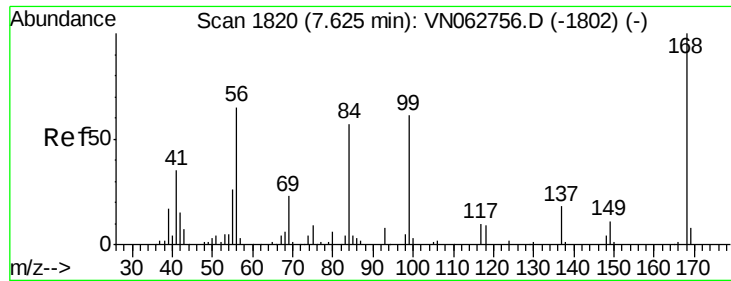
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062786.D

Acq: 7 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

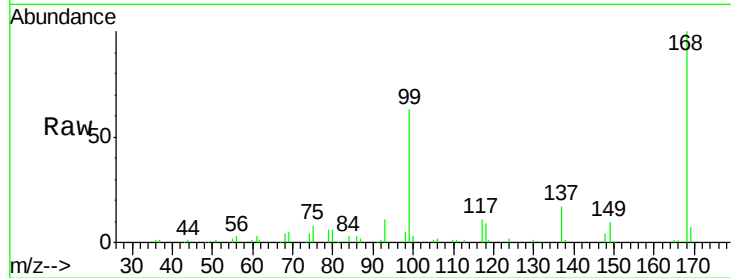
PB130790ZHE#03

Tot Ion:168 Resp: 131034

Ion Ratio Lower Upper

168 100

99 63.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

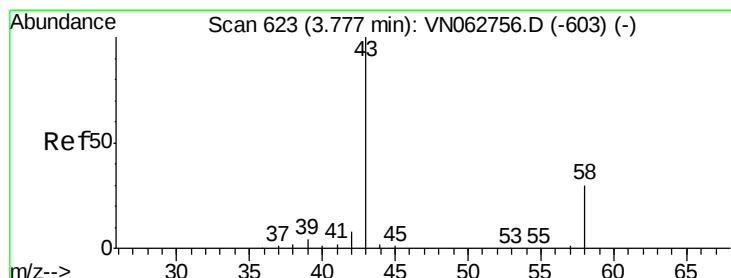
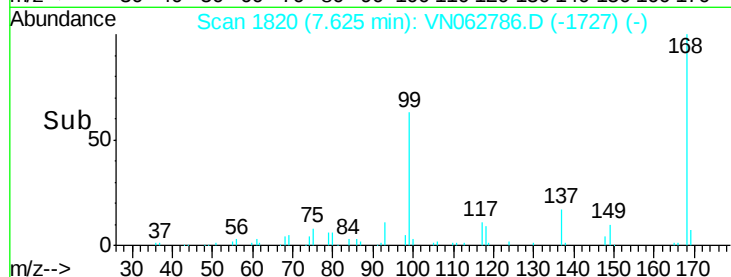
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 15.744 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062786.D

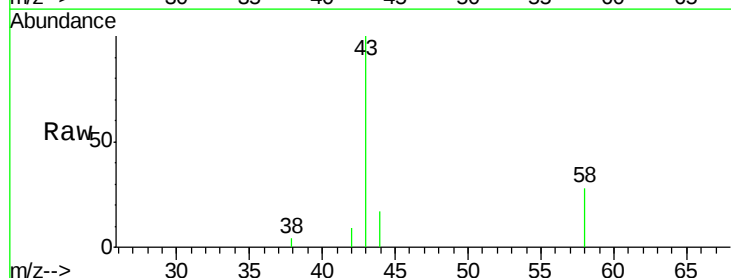
Acq: 7 Aug 2020 18:05

Tgt Ion: 43 Resp: 12327

Ion Ratio Lower Upper

43 100

58 28.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

5000

4000

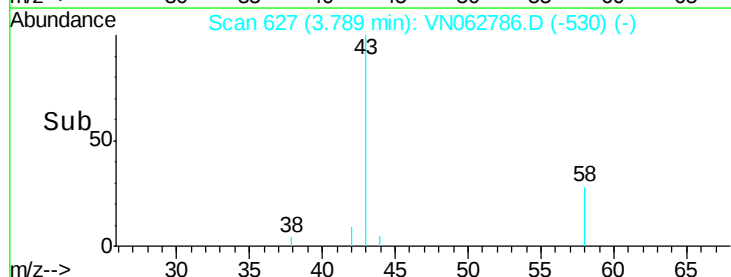
3000

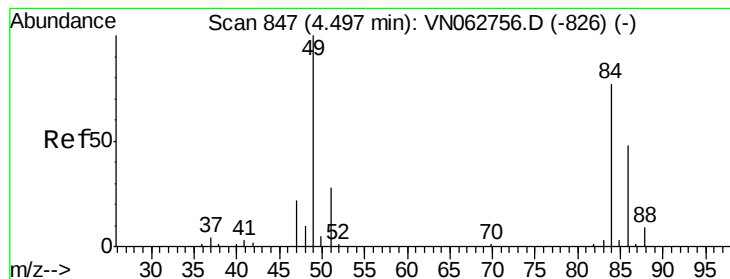
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 8.285 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062786.D

Acq: 7 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130790ZHE#03

Tot Ion: 84 Resp: 12780

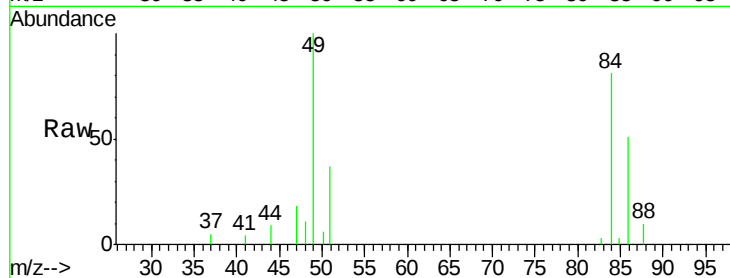
Ion Ratio Lower Upper

84 100

49 123.8 103.4 155.2

51 46.0 29.3 43.9#

86 62.9 49.9 74.9

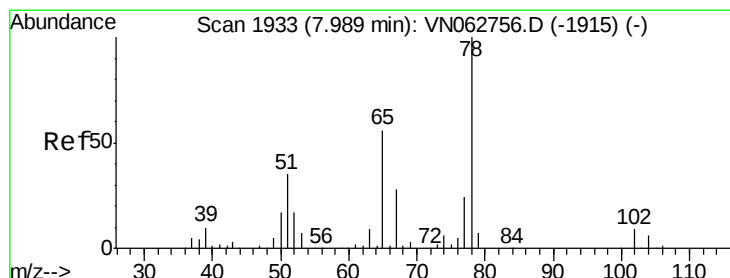
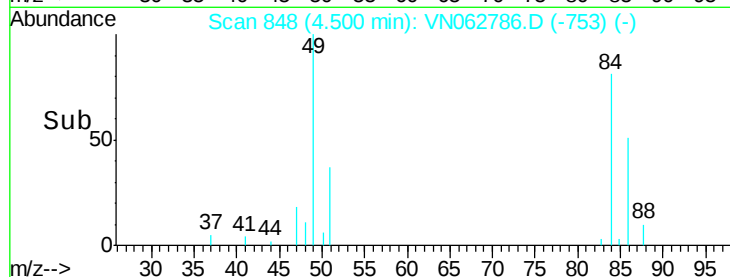
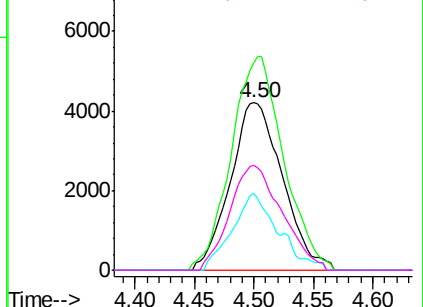


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.647 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062786.D

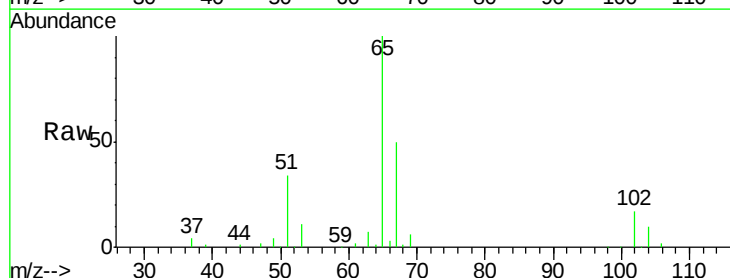
Acq: 7 Aug 2020 18:05

Tgt Ion: 65 Resp: 111914

Ion Ratio Lower Upper

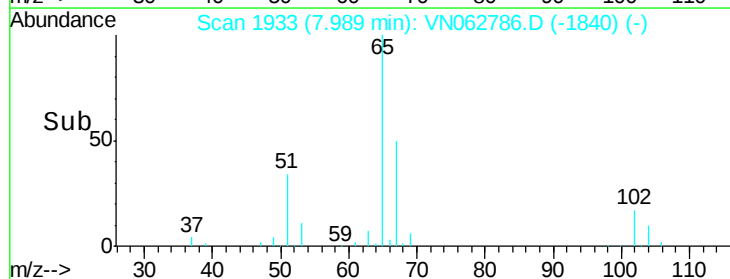
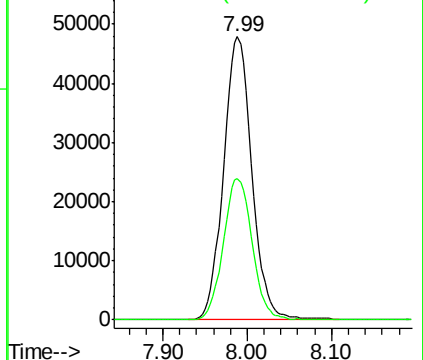
65 100

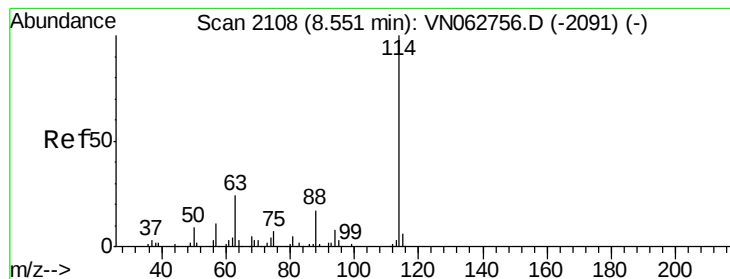
67 50.8 0.0 101.4



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: VN062786.D

Acq: 7 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130790ZHE#03

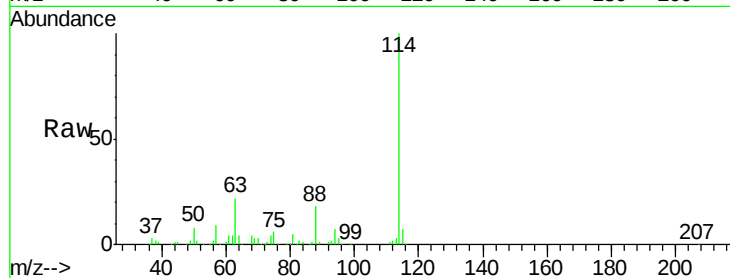
Tot Ion:114 Resp: 234210

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

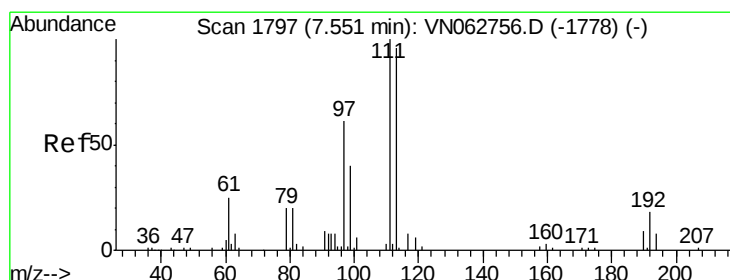
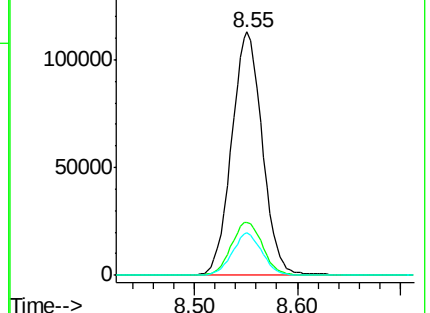
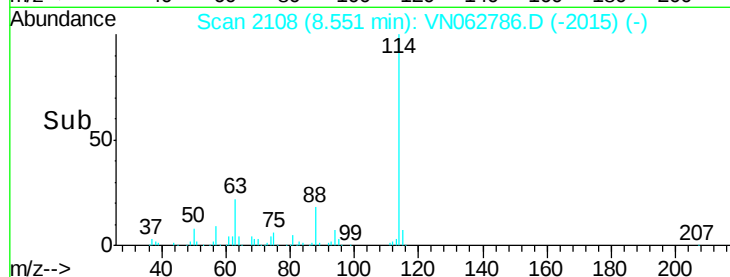
88 17.5 0.0 34.4



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: 50.279 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062786.D

Acq: 7 Aug 2020 18:05

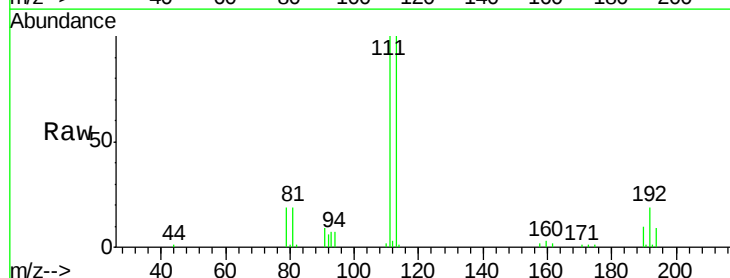
Tgt Ion:113 Resp: 80554

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

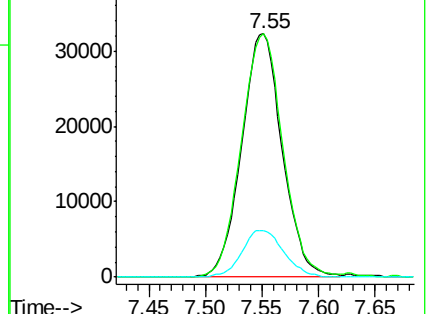
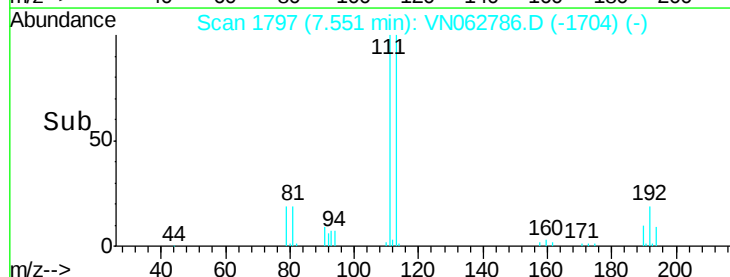
192 19.8 15.0 22.4

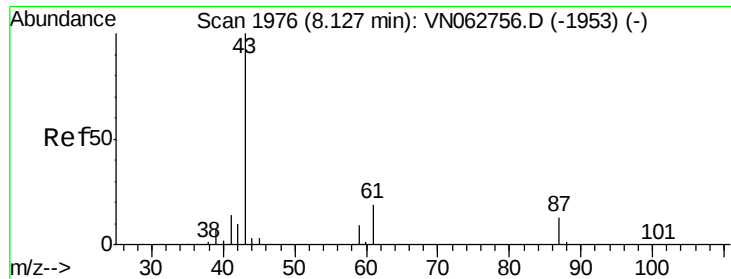


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.326 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062786.D

Acq: 7 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130790ZHE#03

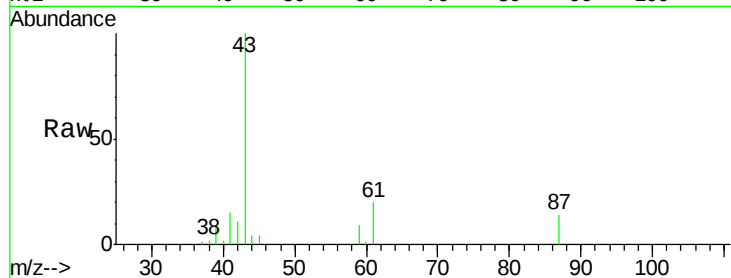
Tot Ion: 43 Resp: 48978

Ion Ratio Lower Upper

43 100

61 19.5 15.8 23.6

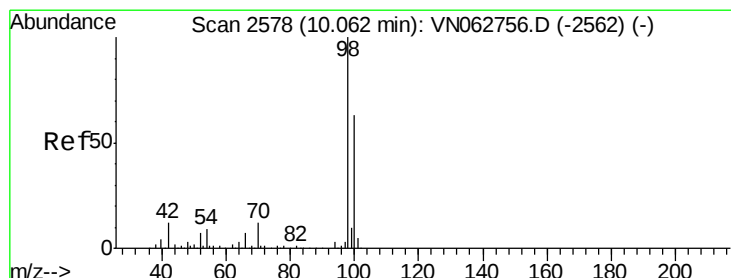
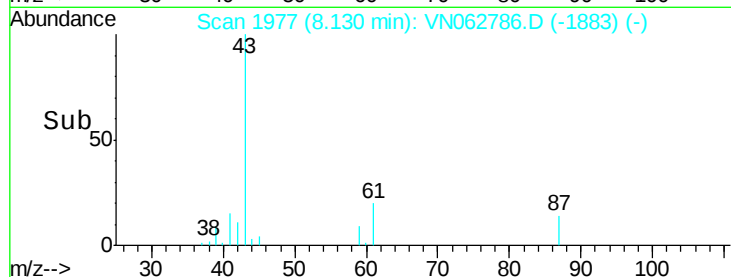
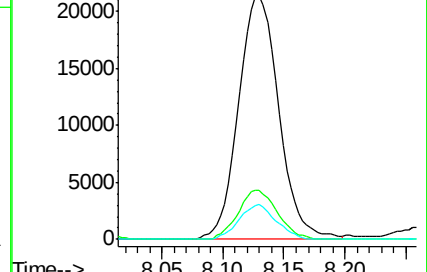
87 13.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062786.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062786.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062786.D (-1883) (-)



#50

Toluene-d8

Concen: 49.895 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062786.D

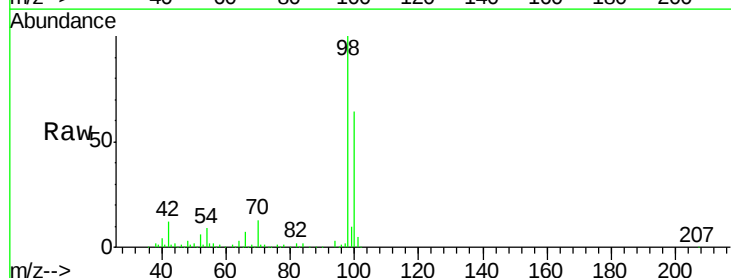
Acq: 7 Aug 2020 18:05

Tgt Ion: 98 Resp: 312083

Ion Ratio Lower Upper

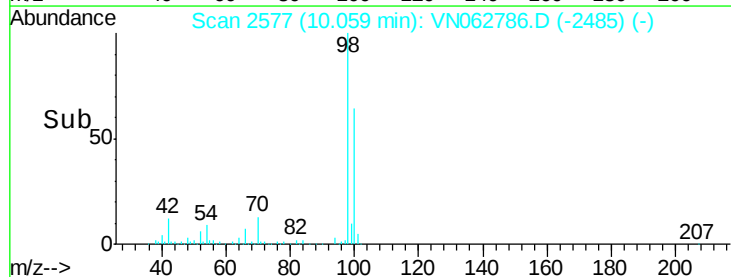
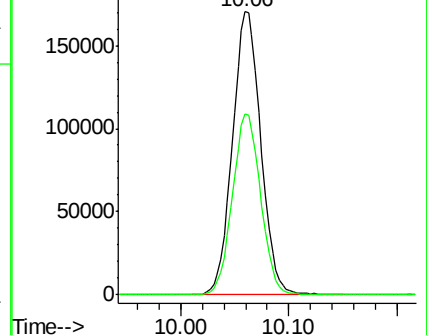
98 100

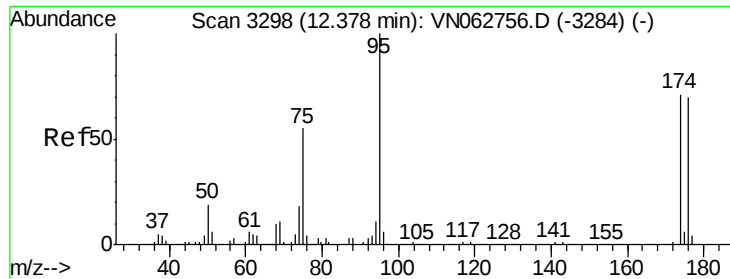
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062786.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062786.D (-2485) (-)





#62

4-Bromofluorobenzene

Concen: 47.684 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062786.D

Acq: 7 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130790ZHE#03

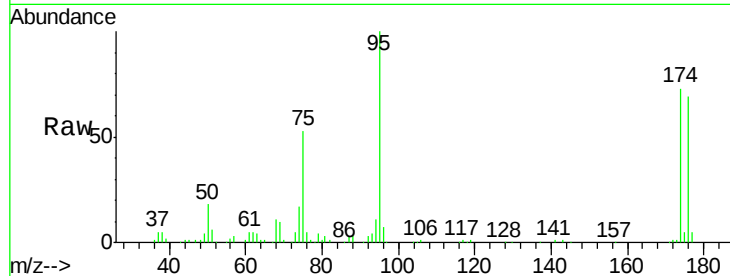
Tot Ion: 95 Resp: 112710

Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.8

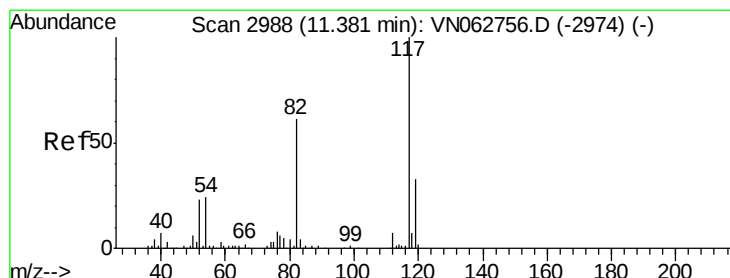
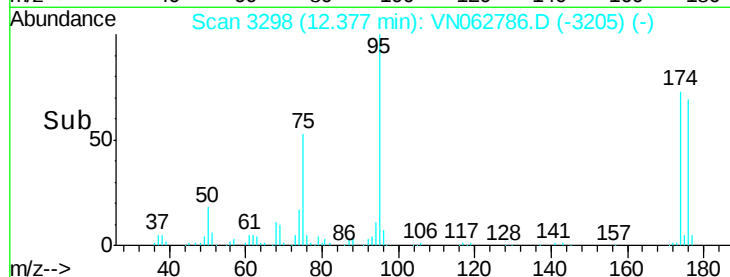
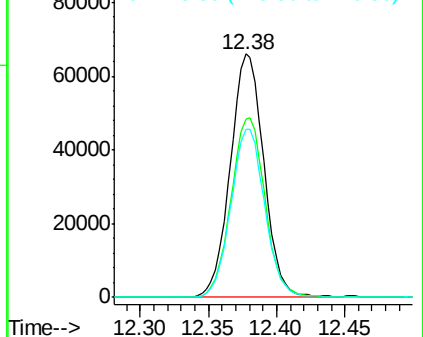
176 70.0 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062786.D

Acq: 7 Aug 2020 18:05

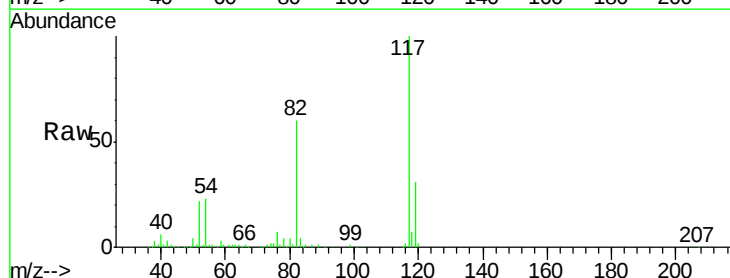
Tgt Ion: 117 Resp: 244688

Ion Ratio Lower Upper

117 100

82 59.7 49.0 73.4

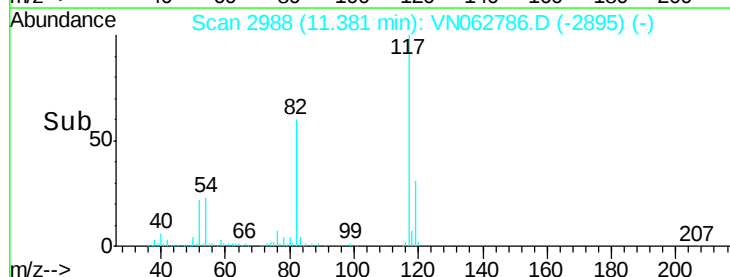
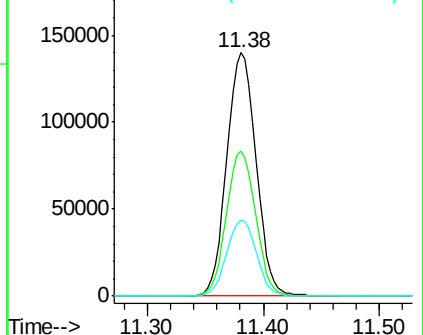
119 31.3 26.2 39.2

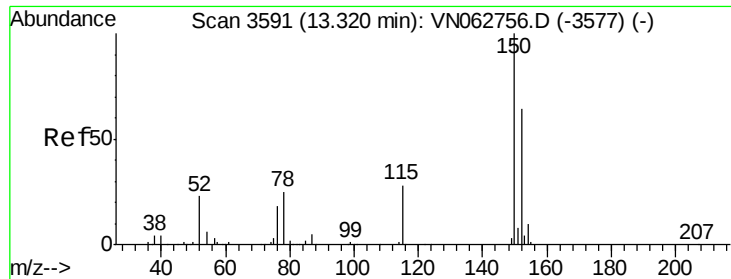


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062786.D

Acq: 7 Aug 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

PB130790ZHE#03

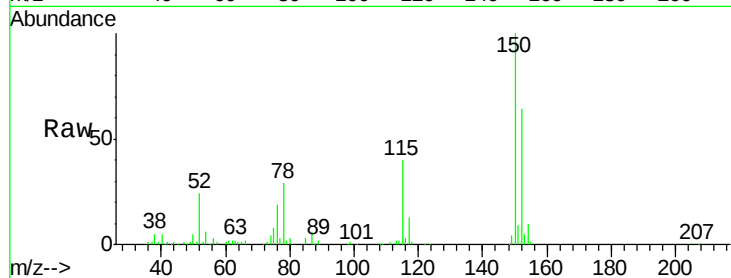
Tot Ion:152 Resp: 86262

Ion Ratio Lower Upper

152 100

115 62.3 31.6 94.8

150 156.6 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

