

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062946.D
 Acq On : 14 Aug 2020 20:32
 Operator : JC/MD
 Sample : PB130954TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130954TB

Quant Time: Aug 17 09:56:07 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

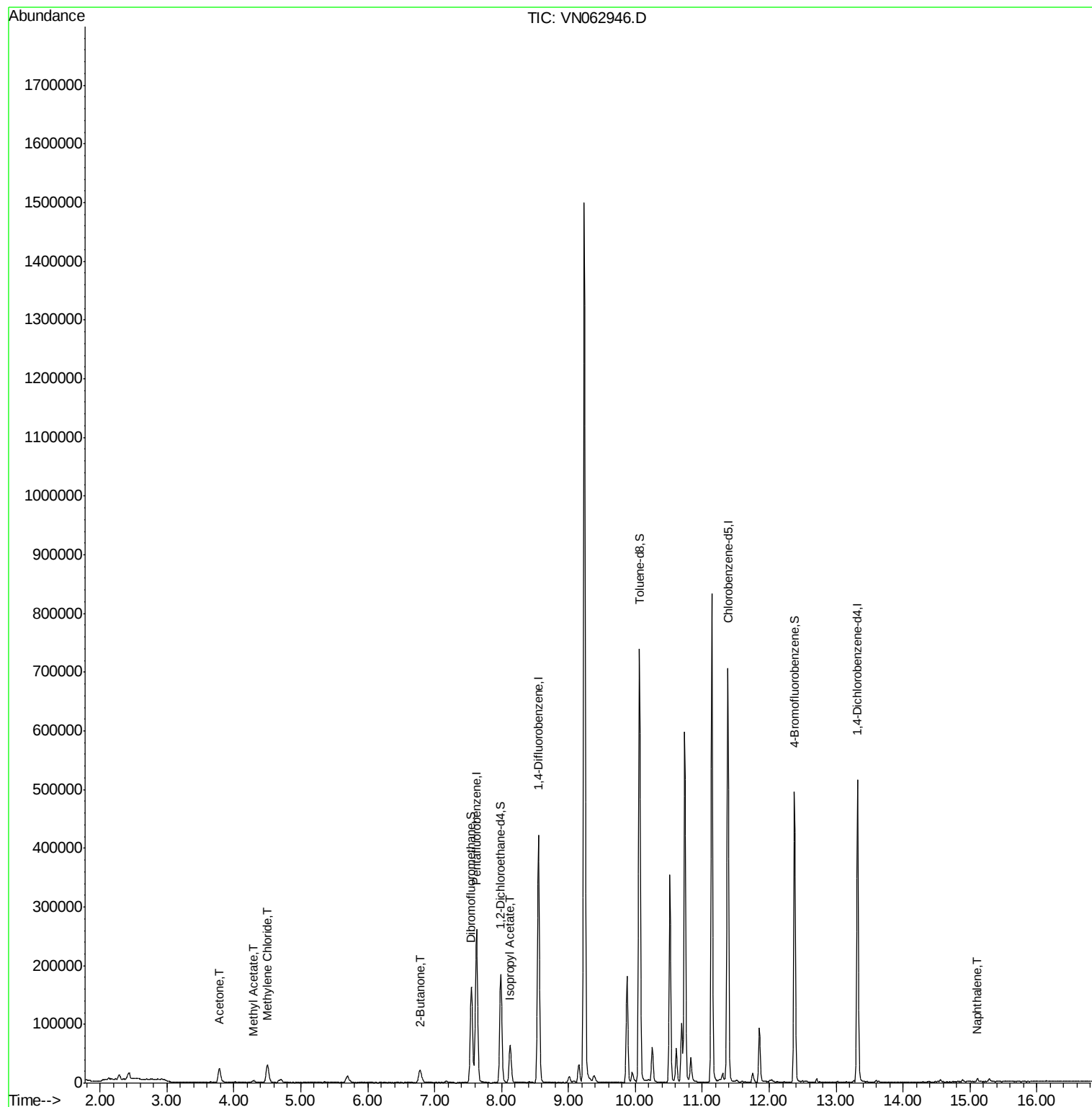
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	203057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	362037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	161313	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	7.55	113	125950	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.06	98	500425	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.38	95	176645	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
16) Acetone	3.78	43	41372	34.097	ug/l	90
18) Methyl Acetate	4.29	43	6255	1.074	ug/l #	72
20) Methylene Chloride	4.51	84	21171	8.910	ug/l	97
25) 2-Butanone	6.80	43	8592	5.000	ug/l	91
43) Isopropyl Acetate	8.13	43	76950	12.528	ug/l	99
95) Naphthalene	15.11	128	5612	4.533	ug/l #	90

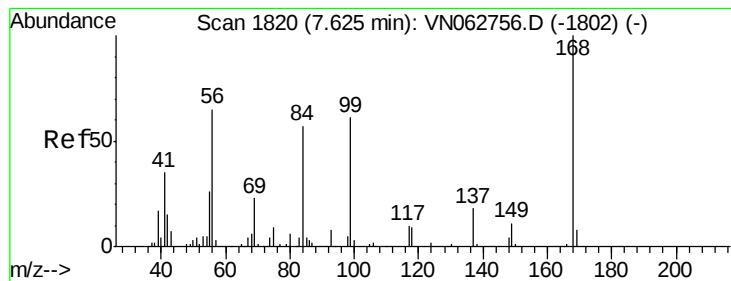
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081420\
Data File : VN062946.D
Acq On : 14 Aug 2020 20:32
Operator : JC/MD
Sample : PB130954TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB130954TB

Quant Time: Aug 17 09:56:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

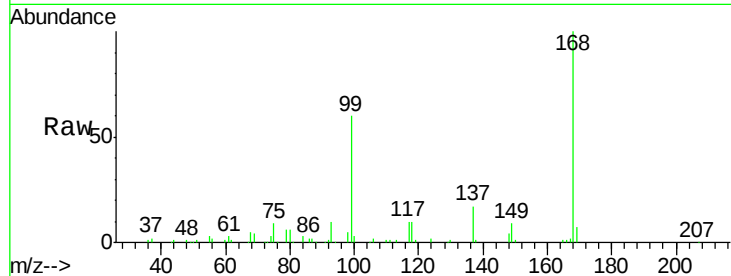
PB130954TB

Tot Ion:168 Resp: 203057

Ion Ratio Lower Upper

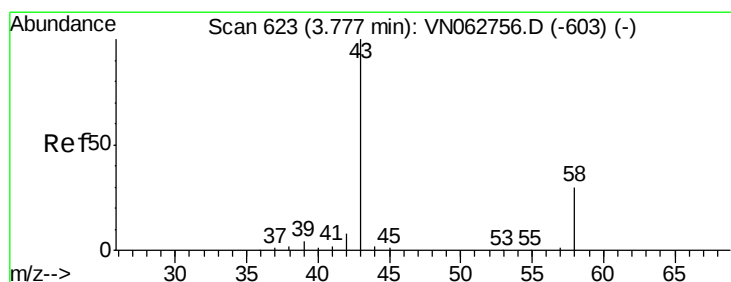
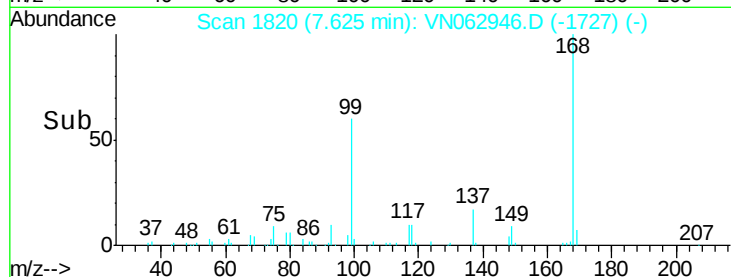
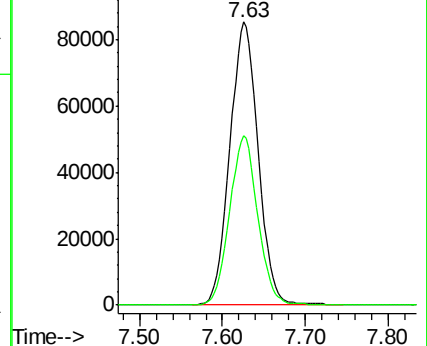
168 100

99 59.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 34.097 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062946.D

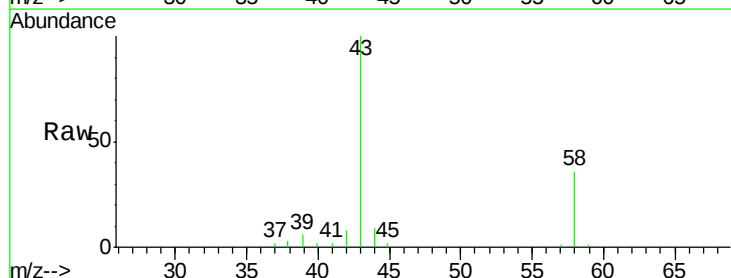
Acq: 14 Aug 2020 20:32

Tgt Ion: 43 Resp: 41372

Ion Ratio Lower Upper

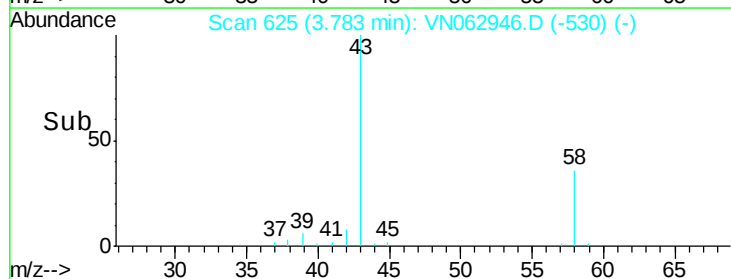
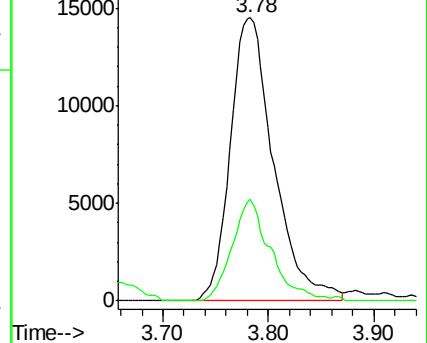
43 100

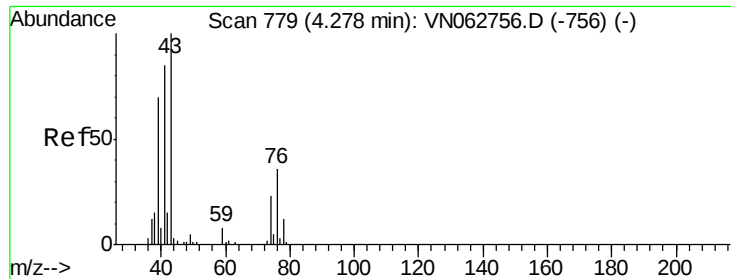
58 35.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

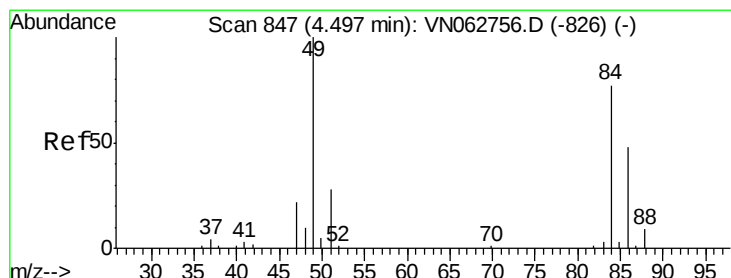
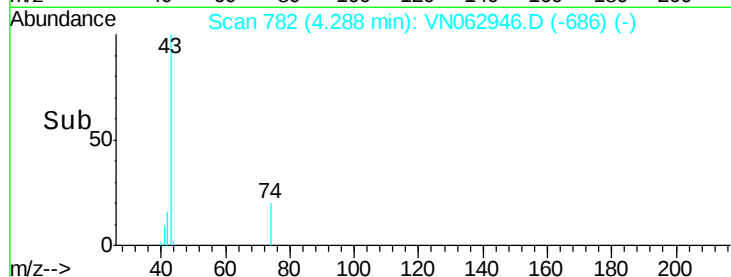
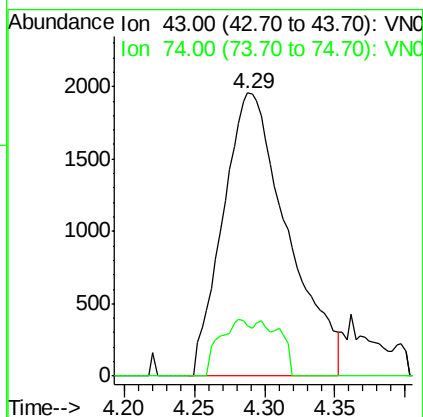
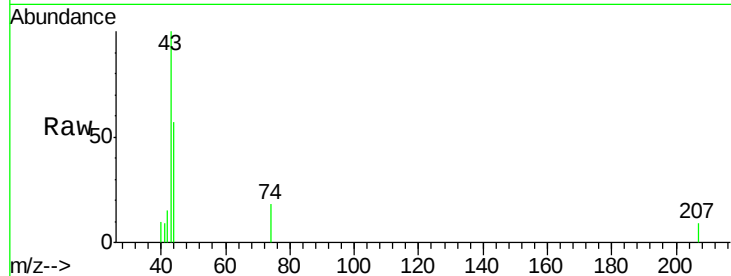




#18
Methyl Acetate
Concen: 1.074 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

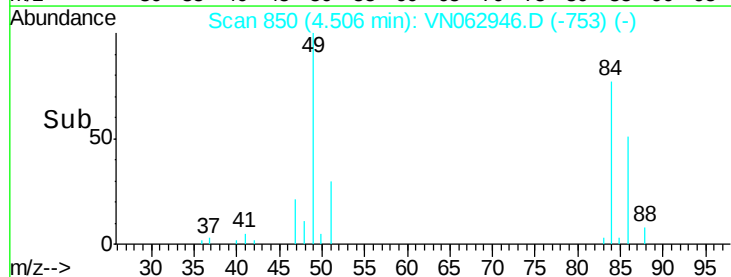
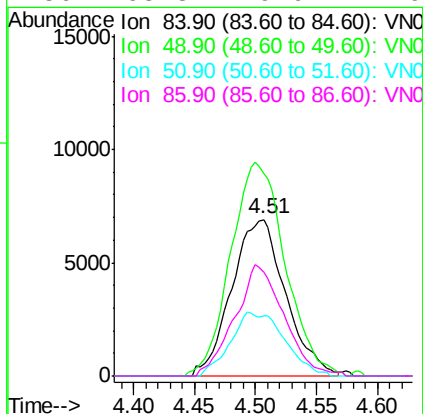
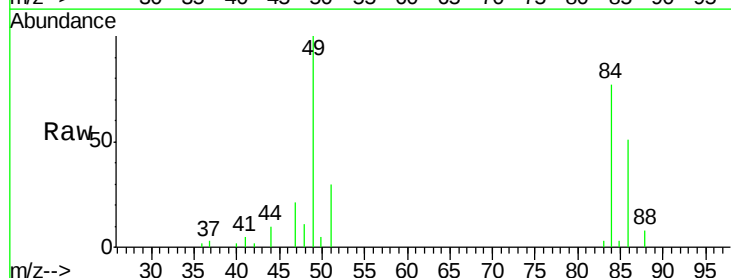
Instrument :
MSVOA_N
ClientSampled :
PB130954TB

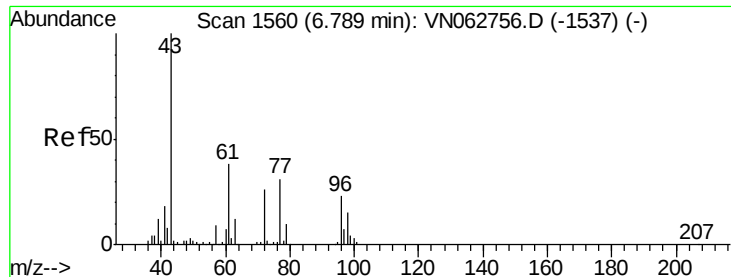
Tot Ion: 43 Resp: 6255
Ion Ratio Lower Upper
43 100
74 9.7 18.6 28.0#



#20
Methylene Chloride
Concen: 8.910 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion: 84 Resp: 21171
Ion Ratio Lower Upper
84 100
49 126.9 103.4 155.2
51 38.4 29.3 43.9
86 65.8 49.9 74.9

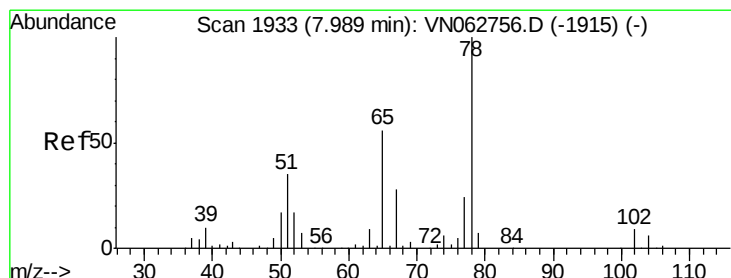
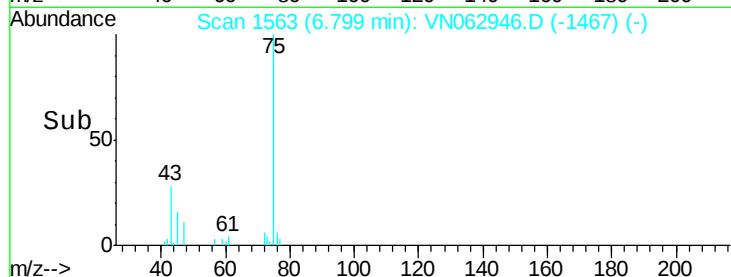
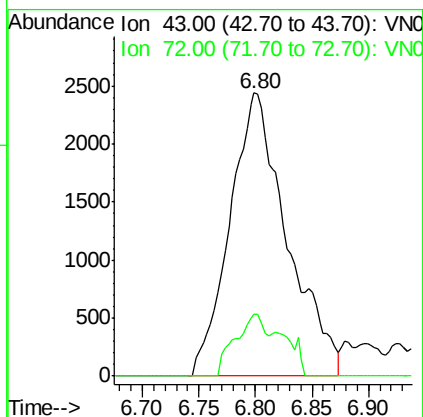
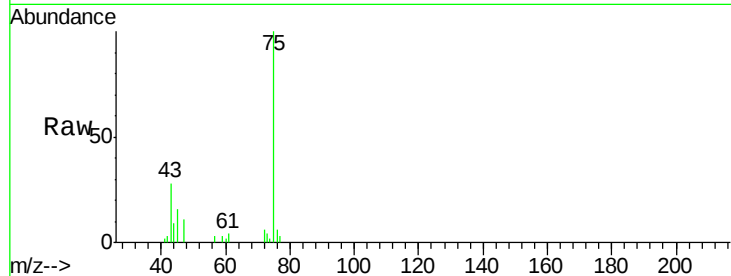




#25
 2-Butanone
 Concen: 5.000 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

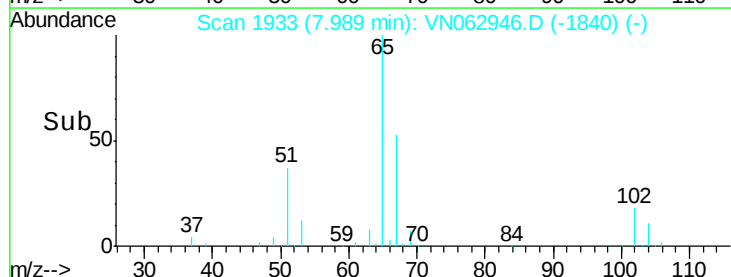
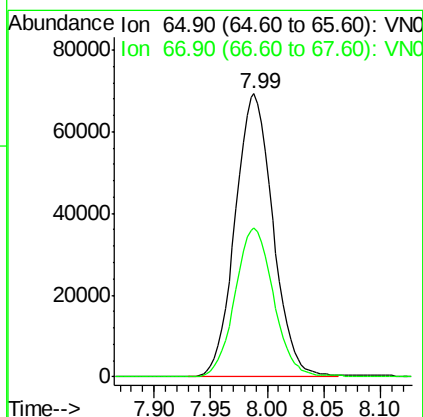
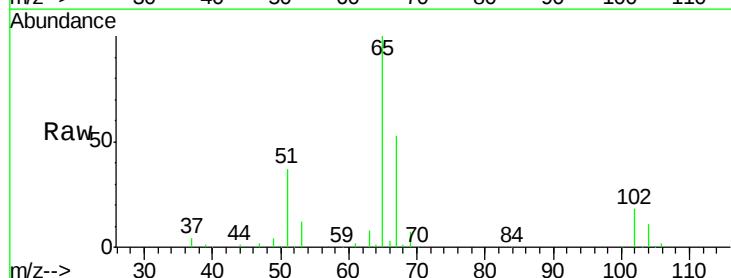
Instrument :
 MSVOA_N
 ClientSampled :
 PB130954TB

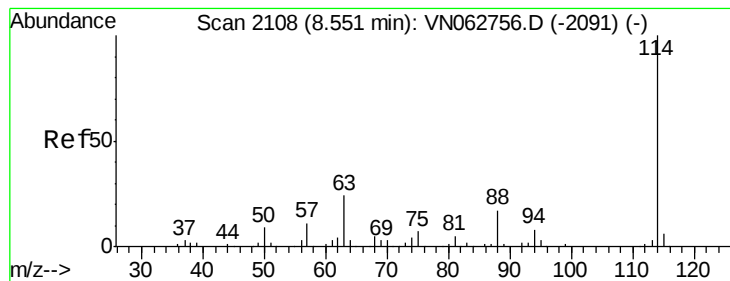
Tot Ion: 43 Resp: 8592
 Ion Ratio Lower Upper
 43 100
 72 22.0 21.1 31.7



#33
 1,2-Dichloroethane-d4
 Concen: 48.040 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Tgt Ion: 65 Resp: 161313
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

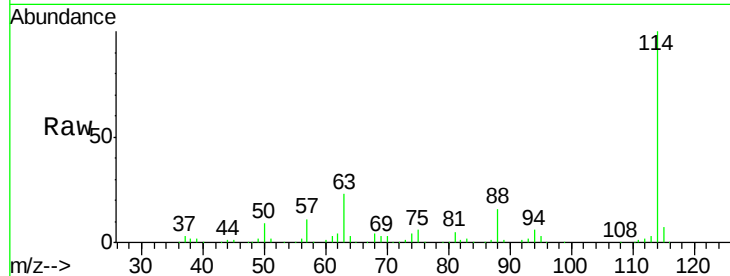
Tot Ion:114 Resp: 362037

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

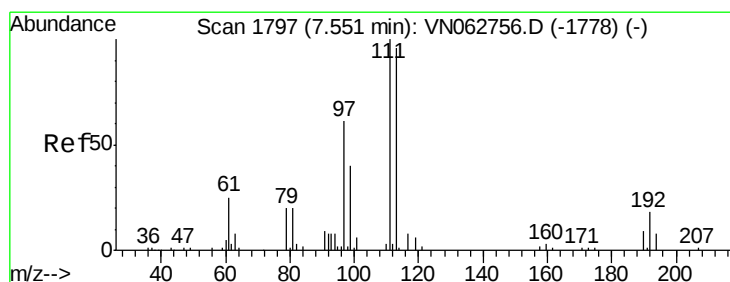
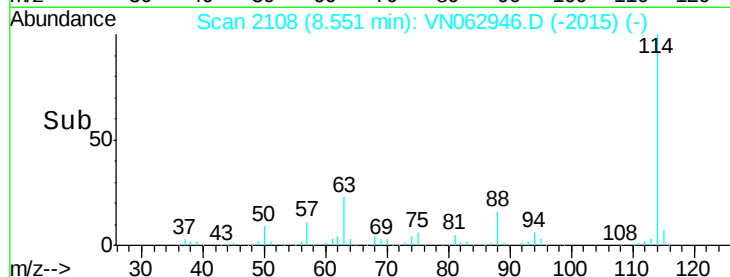
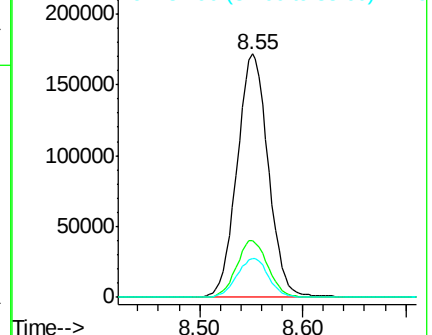
88 16.1 0.0 34.4



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: 50.857 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

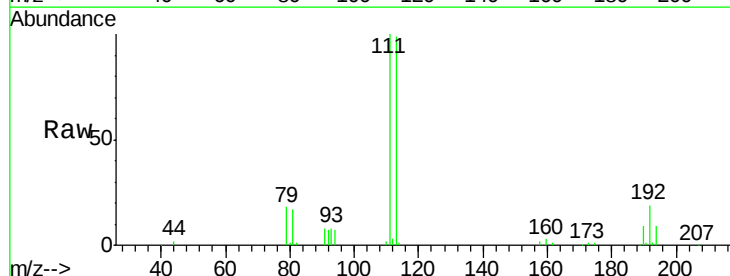
Tgt Ion:113 Resp: 125950

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

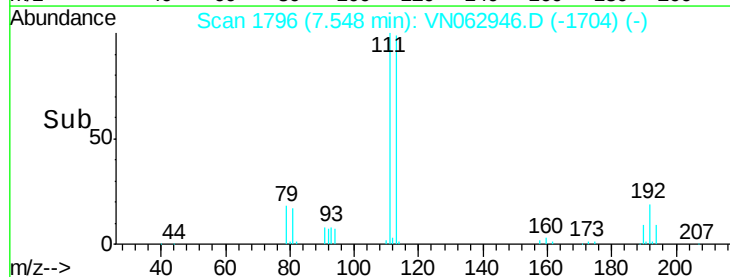
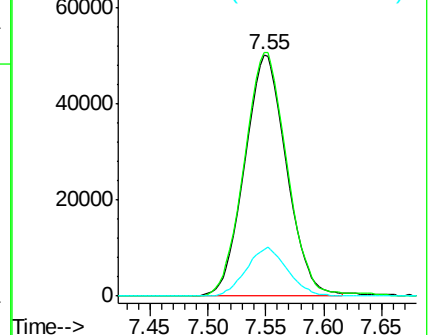
192 19.8 15.0 22.4

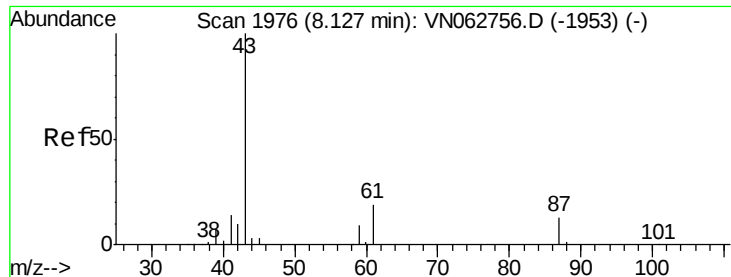


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.528 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

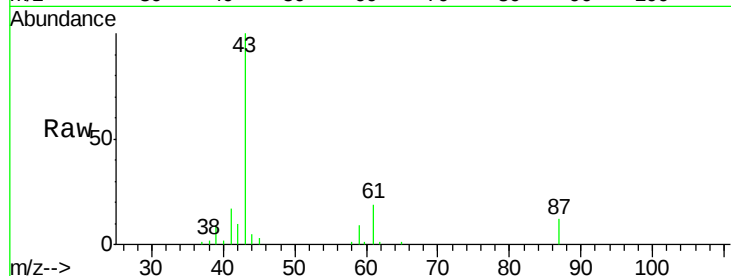
Tot Ion: 43 Resp: 76950

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.6

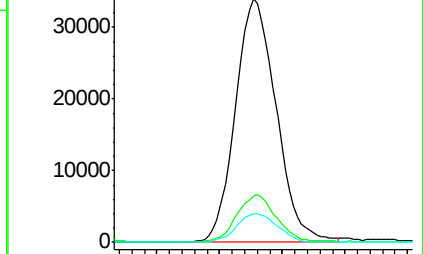
87 11.8 9.9 14.9



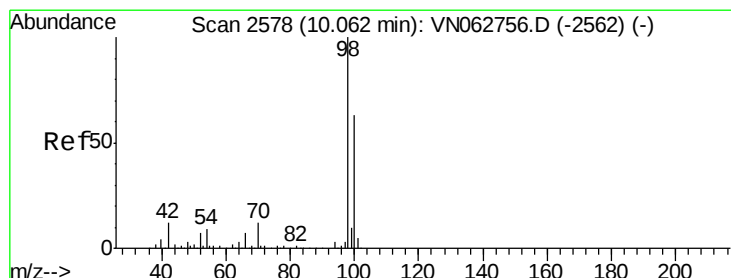
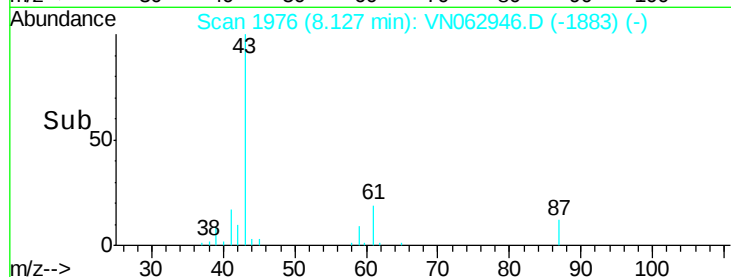
Abundance Ion 43.00 (42.70 to 43.70): VN062946.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062946.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062946.D (-1883) (-)



Time-->



#50

Toluene-d8

Concen: 51.758 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062946.D

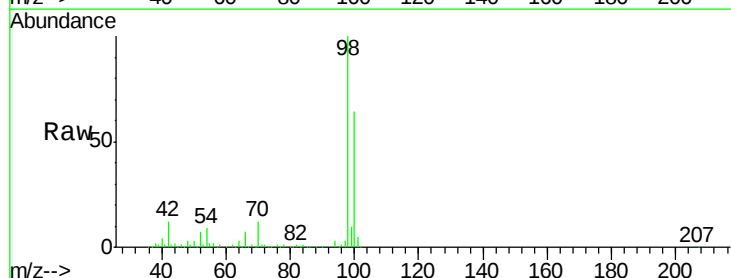
Acq: 14 Aug 2020 20:32

Tgt Ion: 98 Resp: 500425

Ion Ratio Lower Upper

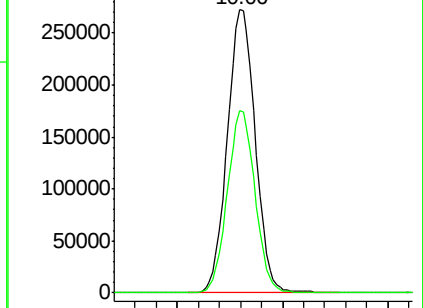
98 100

100 63.5 50.9 76.3

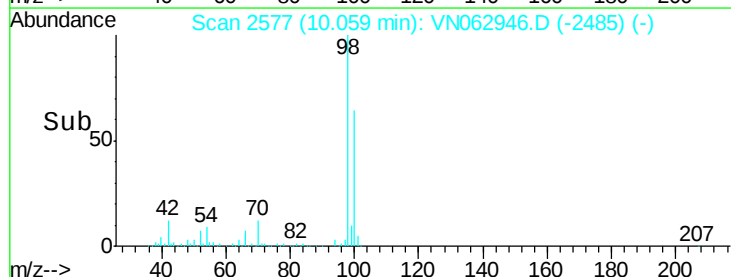


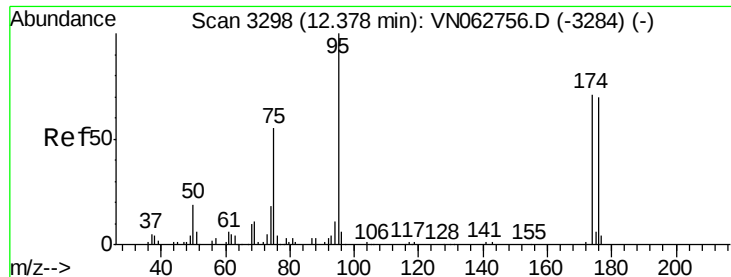
Abundance Ion 98.00 (97.70 to 98.70): VN062946.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062946.D (-2485) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 48.346 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

PB130954TB

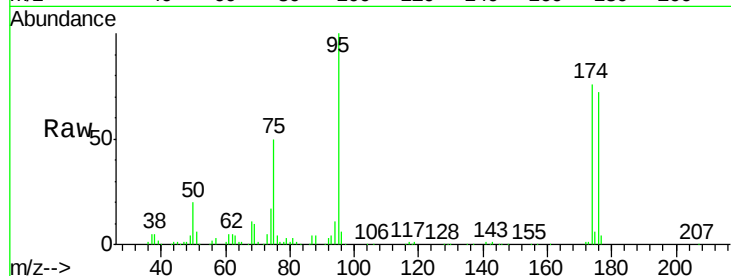
Tot Ion: 95 Resp: 176645

Ion Ratio Lower Upper

95 100

174 76.6 0.0 144.8

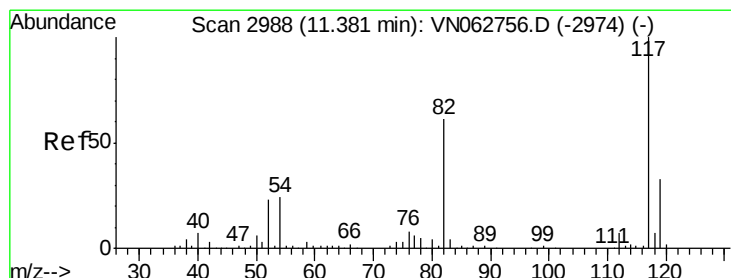
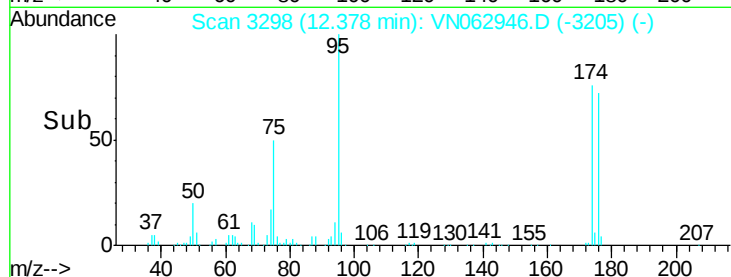
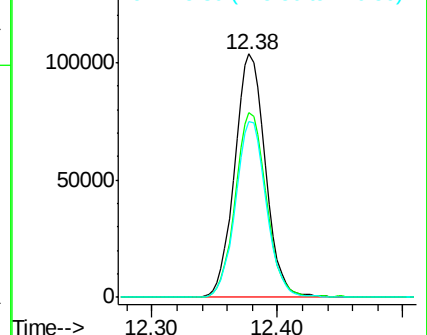
176 72.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062946.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062946.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062946.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

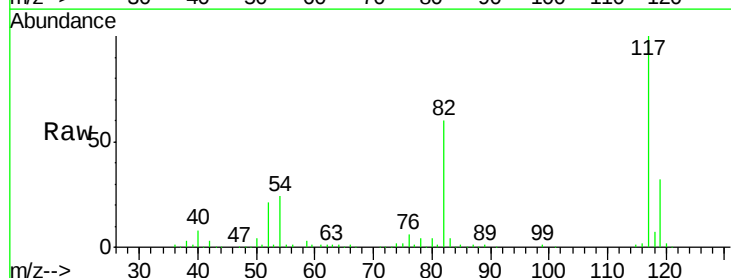
Tgt Ion: 117 Resp: 392737

Ion Ratio Lower Upper

117 100

82 60.3 49.0 73.4

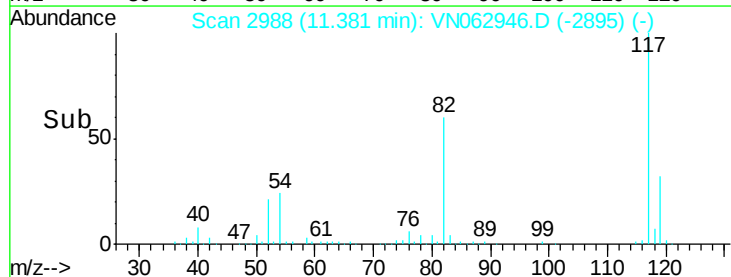
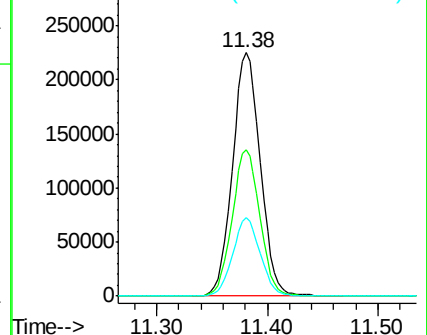
119 32.2 26.2 39.2

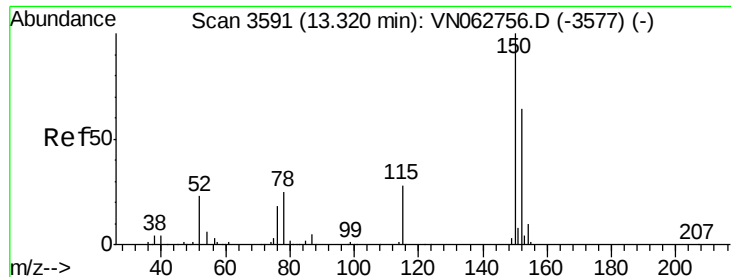


Abundance Ion 116.90 (116.60 to 117.60): VN062946.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062946.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062946.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: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

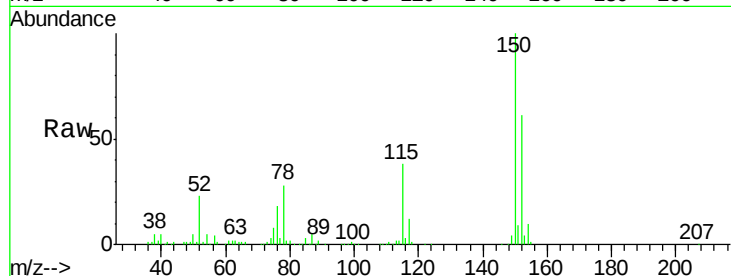
Tot Ion:152 Resp: 137021

Ion Ratio Lower Upper

152 100

115 62.2 31.6 94.8

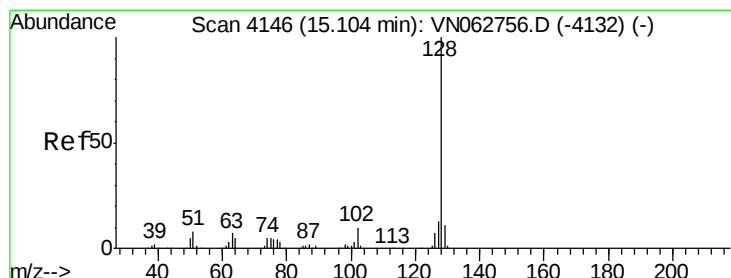
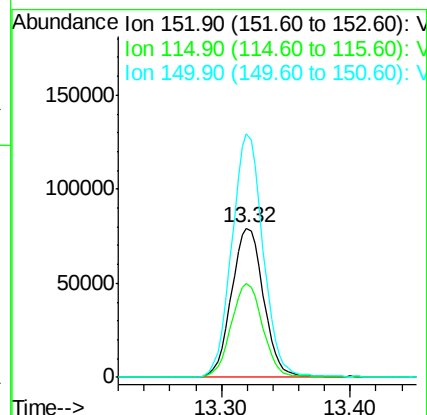
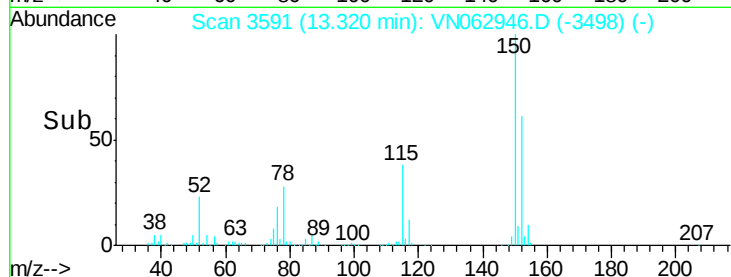
150 159.2 0.0 349.2



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



#95

Naphthalene

Concen: 4.533 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

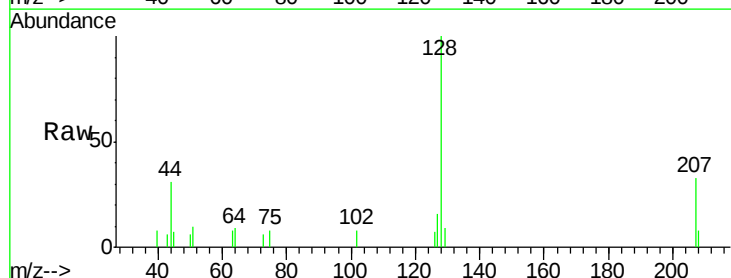
Tgt Ion:128 Resp: 5612

Ion Ratio Lower Upper

128 100

127 10.3 10.8 16.2#

129 6.5 8.8 13.2#



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

