

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062097.D
 Acq On : 25 Jun 2020 5:28
 Operator : JC/MD
 Sample : L3085-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31063

Quant Time: Jun 25 06:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

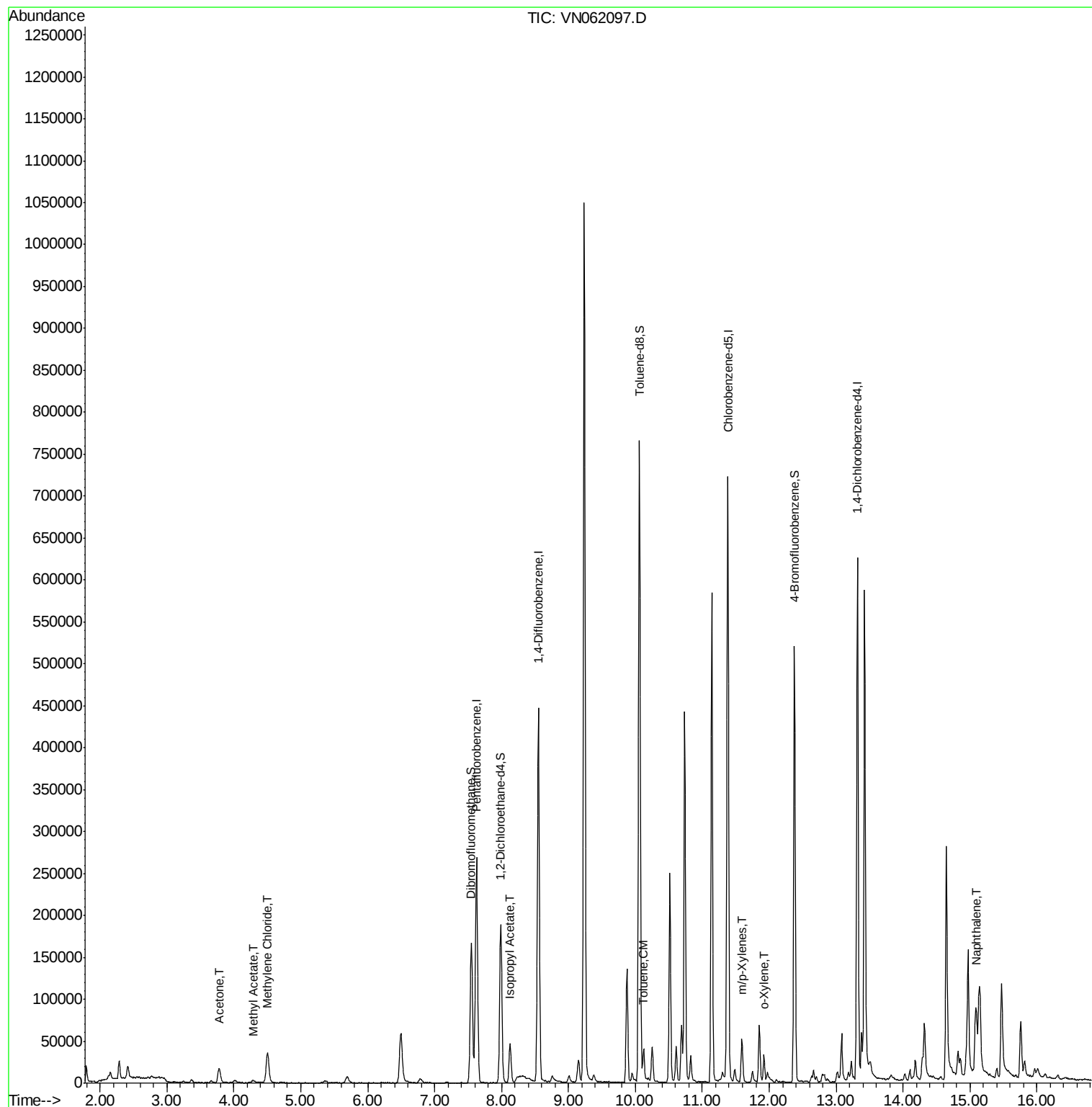
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	150566	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.55	113	131587	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.06	98	527755	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.38	95	180756	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
Target Compounds						
16) Acetone	3.78	43	30791	29.425	ug/l	93
18) Methyl Acetate	4.29	43	5327	2.254	ug/l #	88
20) Methylene Chloride	4.50	84	27354	9.850	ug/l	99
43) Isopropyl Acetate	8.13	43	52240	9.493	ug/l	99
52) Toluene	10.13	92	15757	2.078	ug/l	90
68) m/p-Xylenes	11.59	106	17613	2.962	ug/l	95
69) o-Xylene	11.92	106	8807	1.570	ug/l	99
95) Naphthalene	15.10	128	11440	5.330	ug/l #	80

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

Instrument :

MSVOA_N

ClientSampleId :

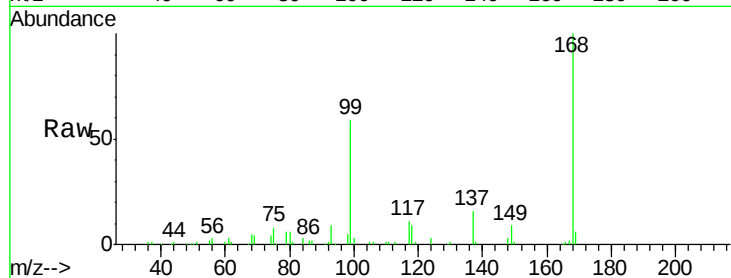
31063

Tot Ion:168 Resp: 211827

Ion Ratio Lower Upper

168 100

99 59.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

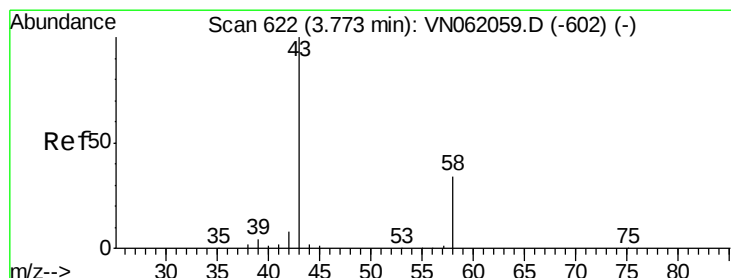
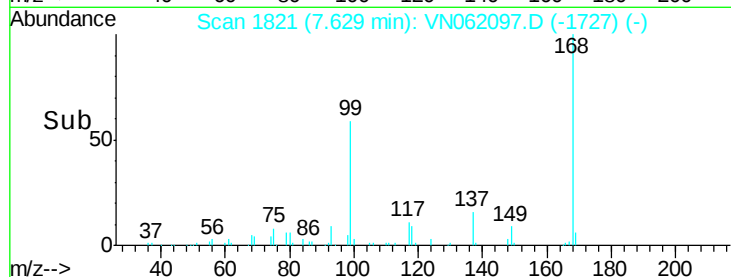
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 29.425 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062097.D

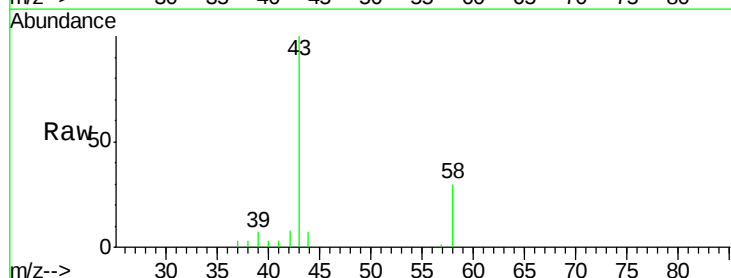
Acq: 25 Jun 2020 5:28

Tgt Ion: 43 Resp: 30791

Ion Ratio Lower Upper

43 100

58 30.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

12000

10000

8000

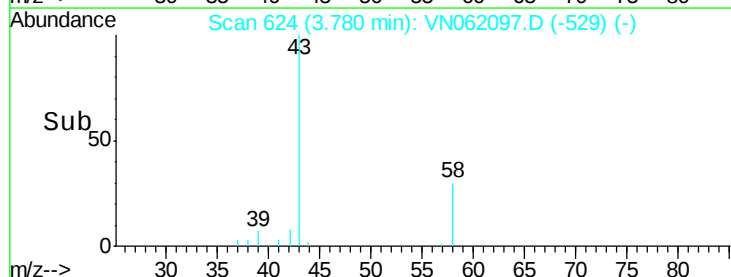
6000

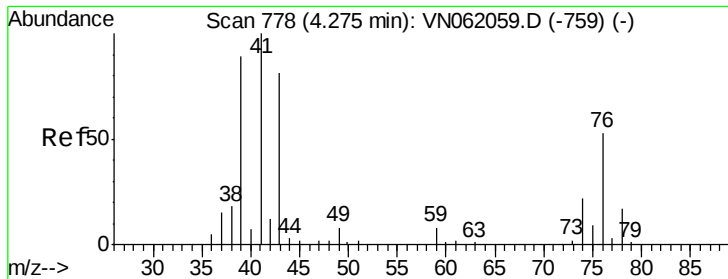
4000

2000

0

Time--> 3.70 3.80 3.90

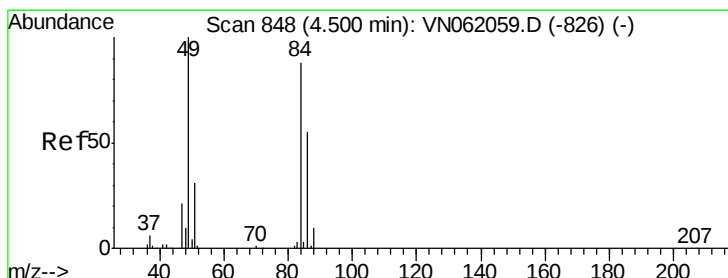
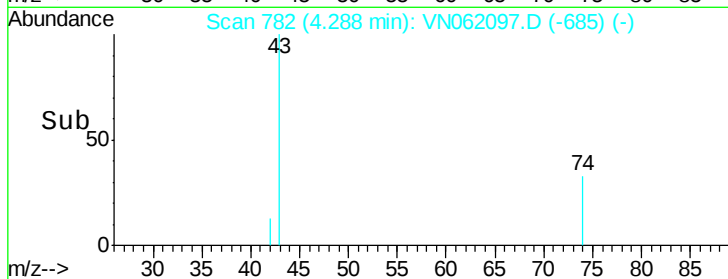
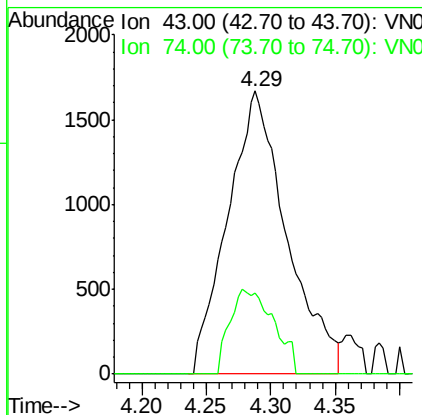
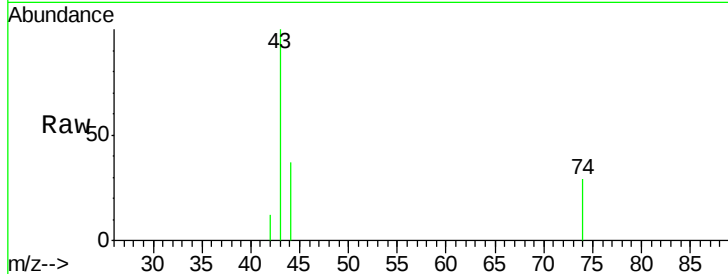




#18
Methyl Acetate
Concen: 2.254 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062097.D
Acq: 25 Jun 2020 5:28

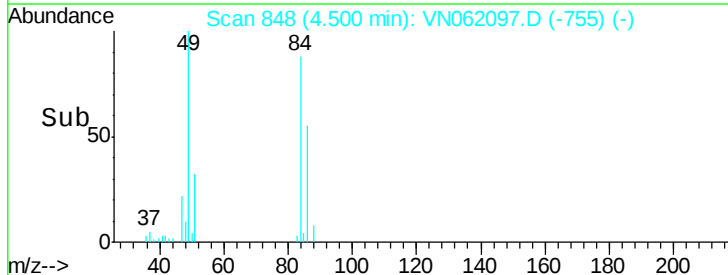
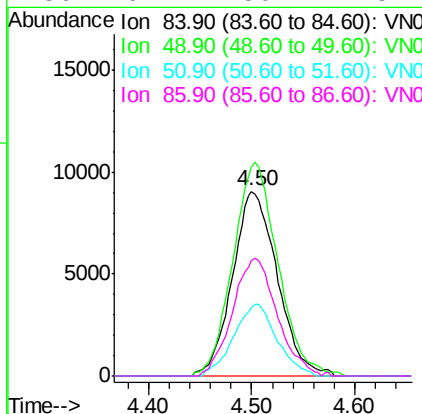
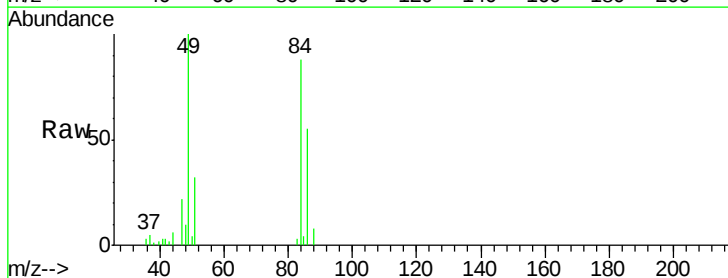
Instrument :
MSVOA_N
ClientSampleId :
31063

Tot Ion: 43 Resp: 5327
Ion Ratio Lower Upper
43 100
74 22.1 22.9 34.3#



#20
Methylene Chloride
Concen: 9.850 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062097.D
Acq: 25 Jun 2020 5:28

Tgt Ion: 84 Resp: 27354
Ion Ratio Lower Upper
84 100
49 113.2 90.6 136.0
51 36.7 27.8 41.8
86 62.2 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 50.651 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

Instrument :

MSVOA_N

ClientSampleId :

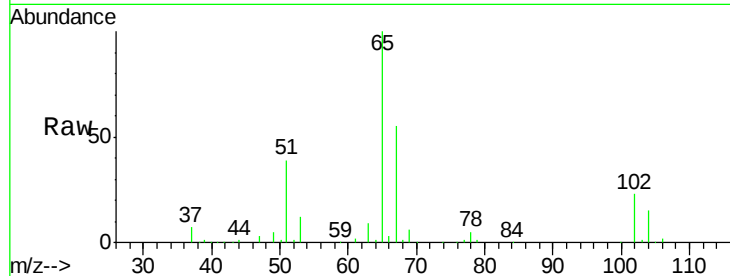
31063

Tot Ion: 65 Resp: 150566

Ion Ratio Lower Upper

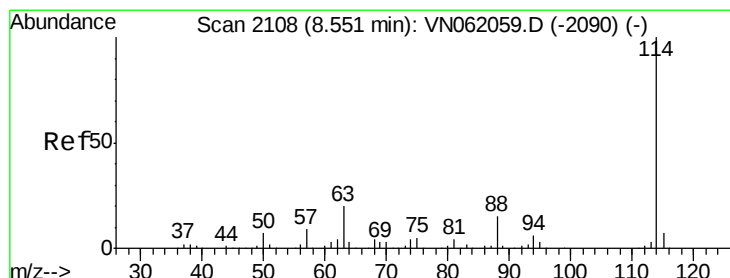
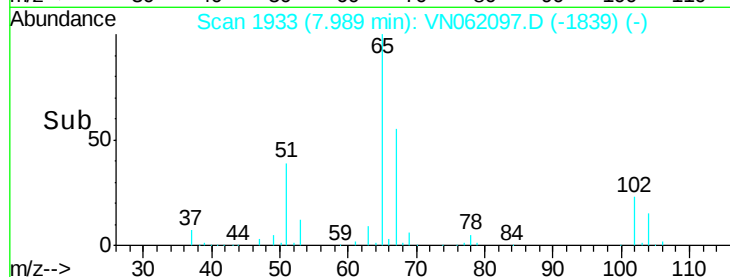
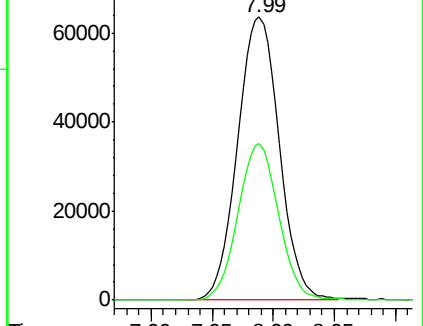
65 100

67 53.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062097.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062097.D (-1839) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

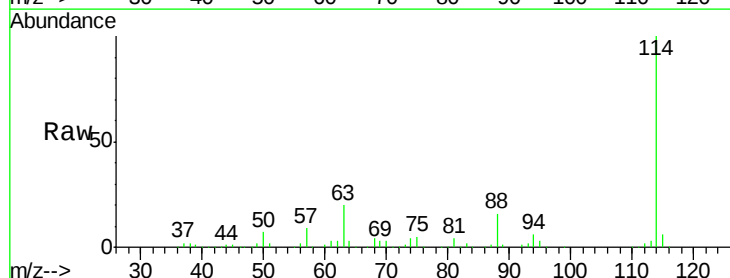
Tgt Ion: 114 Resp: 405595

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

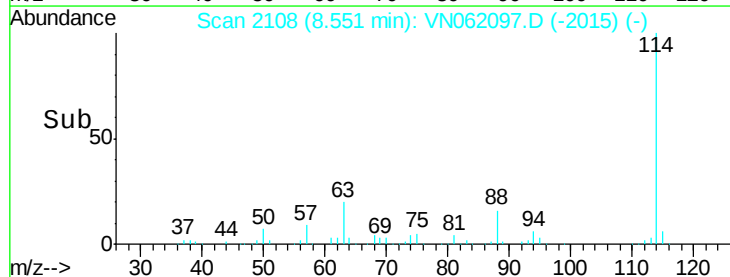
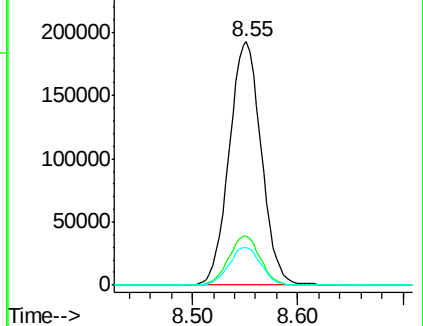
88 15.7 0.0 30.8

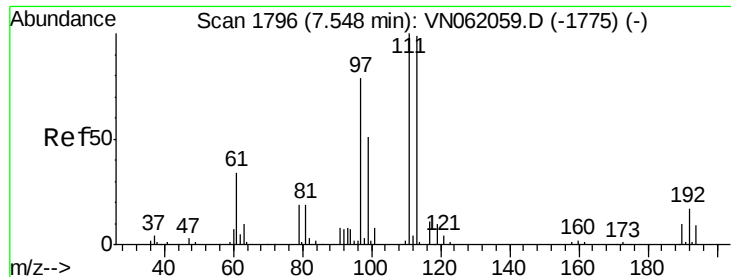


Abundance Ion 113.90 (113.60 to 114.60): VN062097.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062097.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062097.D (-2015) (-)

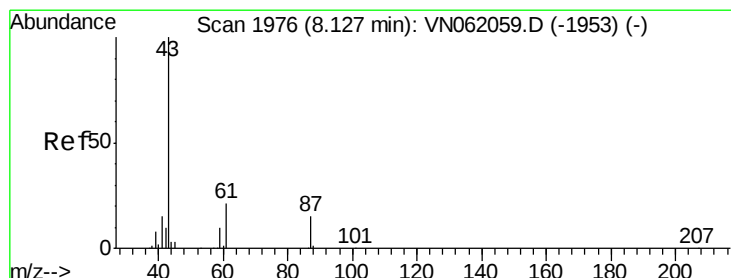
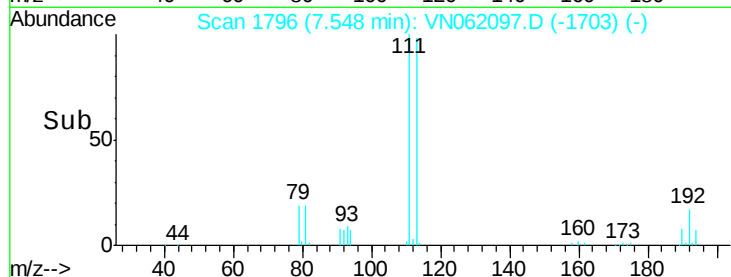
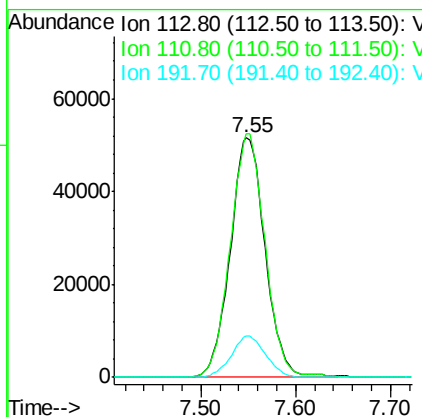
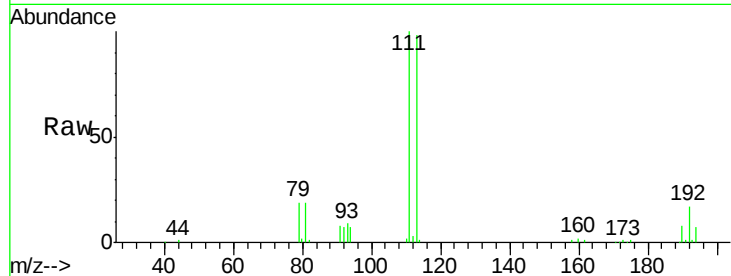




#35
 Dibromofluoromethane
 Concen: 50.570 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062097.D
 Acq: 25 Jun 2020 5:28

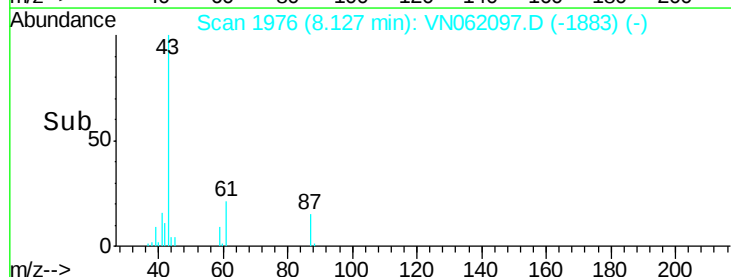
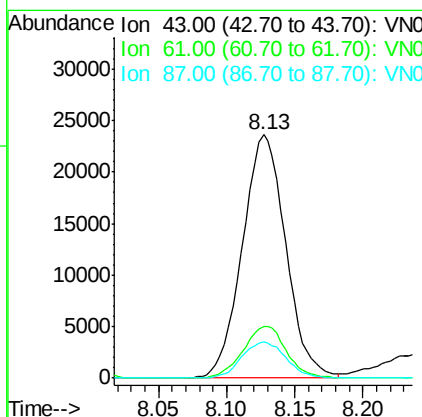
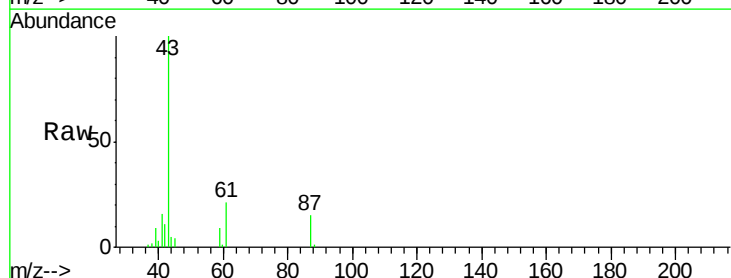
Instrument :
 MSVOA_N
 ClientSampled :
 31063

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.2	123.4
192	17.1	14.0	21.0



#43
 Isopropyl Acetate
 Concen: 9.493 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062097.D
 Acq: 25 Jun 2020 5:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	15.0	12.1	18.1





#50

Toluene-d8

Concen: 50.739 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

Instrument :

MSVOA_N

ClientSampleId :

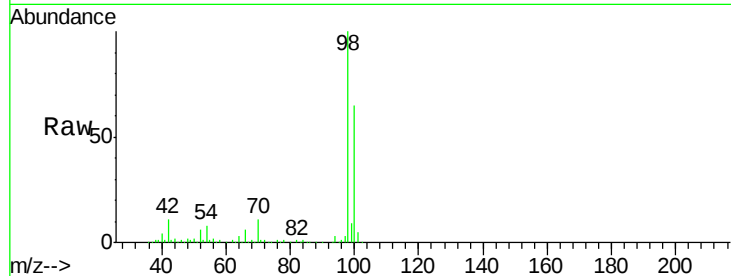
31063

Tot Ion: 98 Resp: 527755

Ion Ratio Lower Upper

98 100

100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062097.D (-2484) (-)

10.06

300000

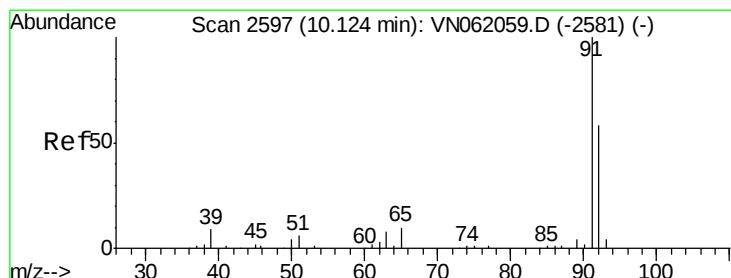
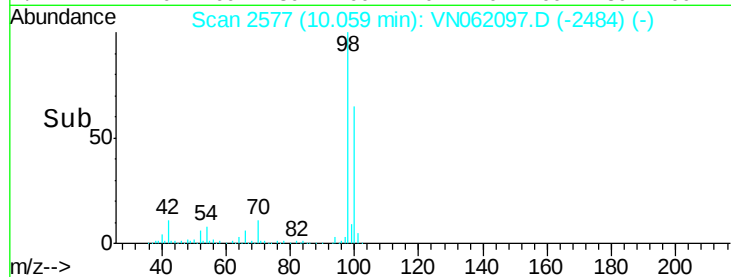
200000

100000

0

10.00 10.10

Time-->



#52

Toluene

Concen: 2.078 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062097.D

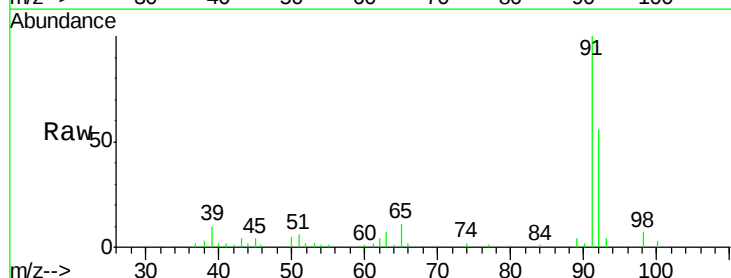
Acq: 25 Jun 2020 5:28

Tgt Ion: 92 Resp: 15757

Ion Ratio Lower Upper

92 100

91 185.5 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062097.D (-2504) (-)

10.13

15000

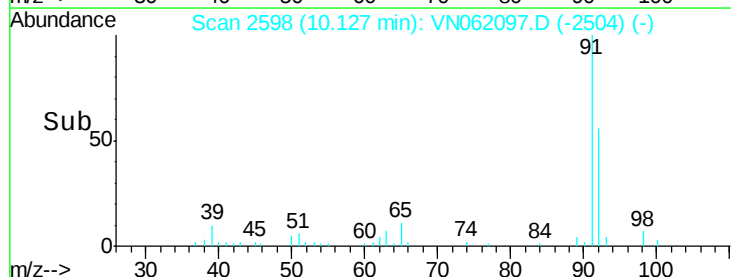
10000

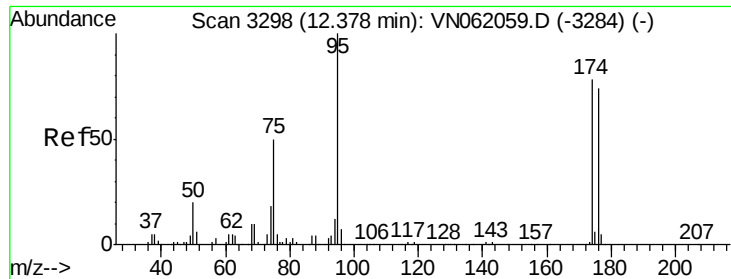
5000

0

10.05 10.10 10.15

Time-->





#62

4-Bromofluorobenzene

Concen: 51.436 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

Instrument :

MSVOA_N

ClientSampled :

31063

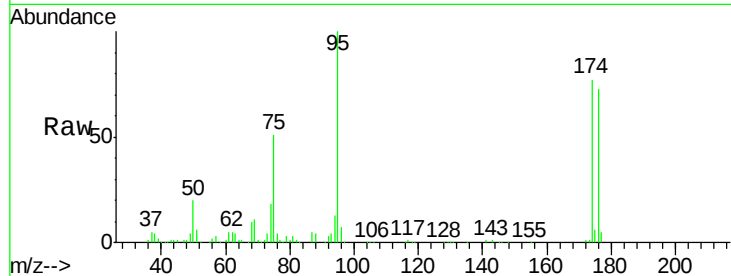
Tot Ion: 95 Resp: 180756

Ion Ratio Lower Upper

95 100

174 76.7 0.0 154.8

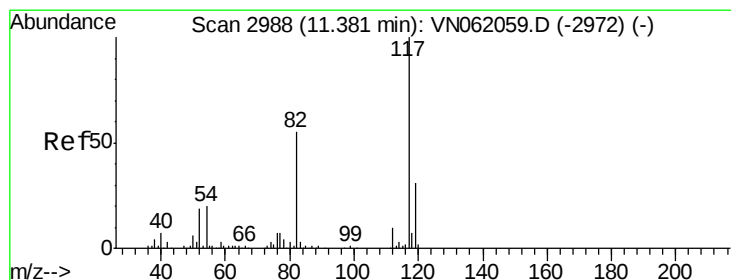
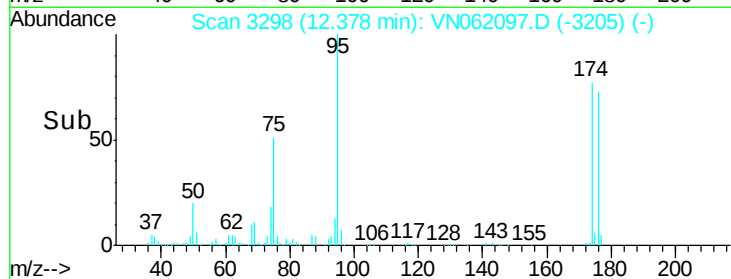
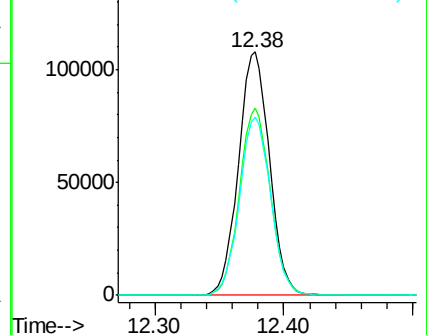
176 73.5 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062097.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062097.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062097.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

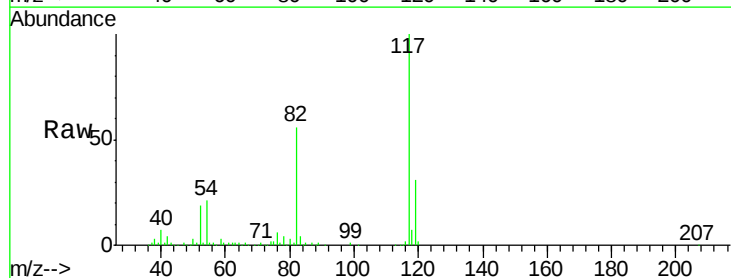
Tgt Ion: 117 Resp: 414468

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

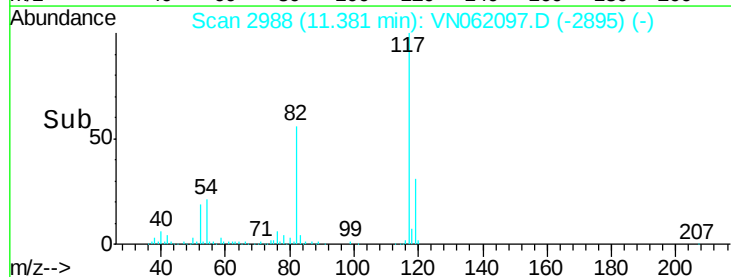
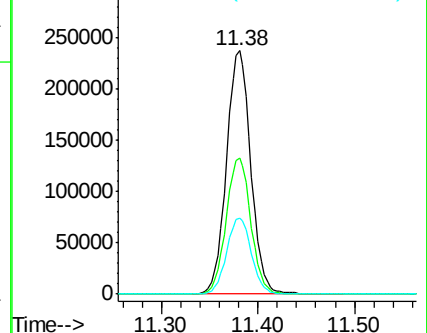
119 31.3 25.2 37.8

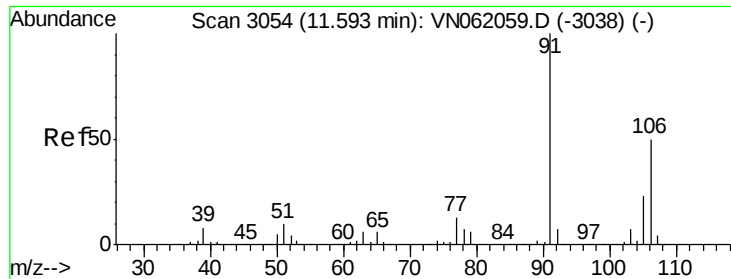


Abundance Ion 116.90 (116.60 to 117.60): VN062097.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062097.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062097.D (-2895) (-)

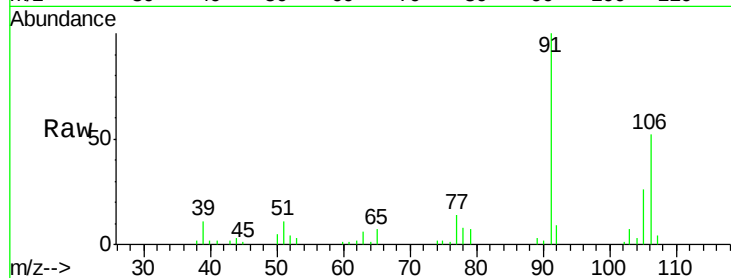




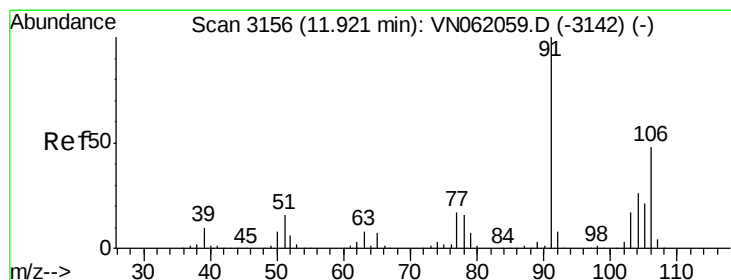
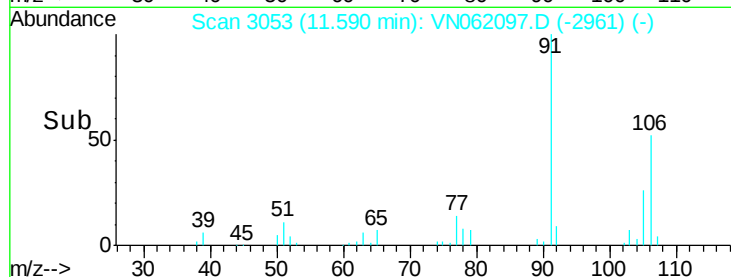
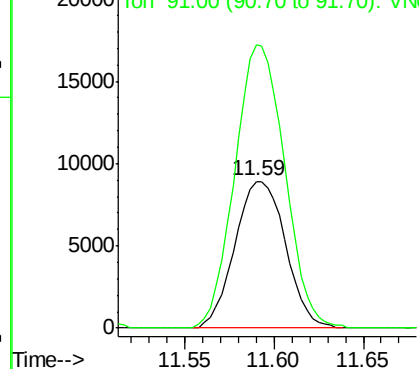
#68
m/p-Xvlenes
Concen: 2.962 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN062097.D
Acq: 25 Jun 2020 5:28

Instrument :
MSVOA_N
ClientSampled :
31063

Tot Ion:106 Resp: 17613
Ion Ratio Lower Upper
106 100
91 190.4 157.8 236.8

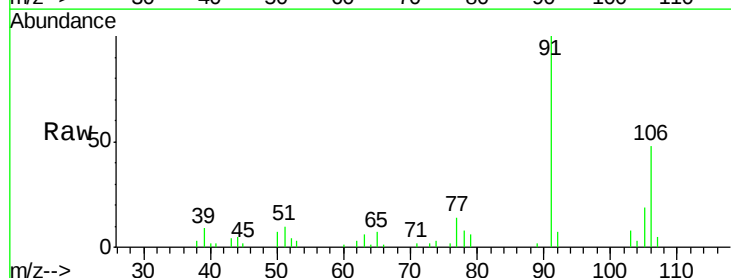


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

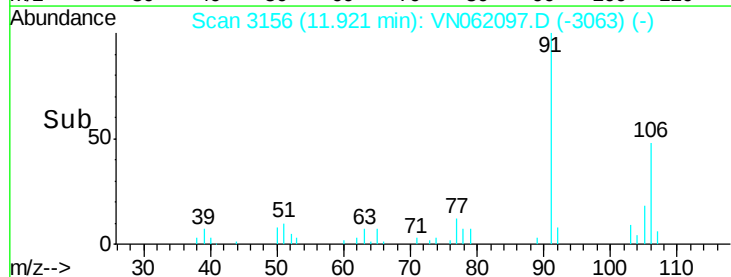
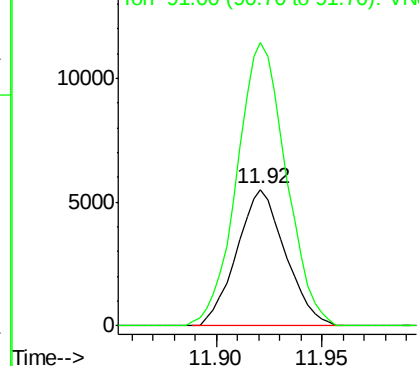


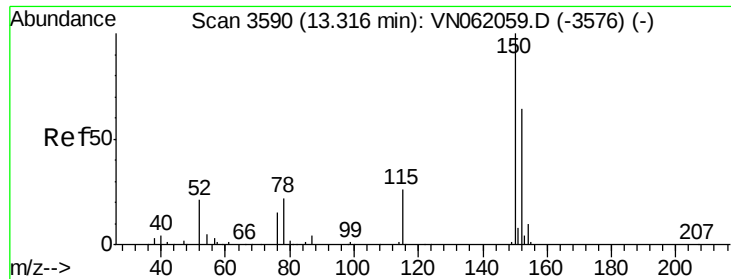
#69
o-Xylene
Concen: 1.570 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062097.D
Acq: 25 Jun 2020 5:28

Tgt Ion:106 Resp: 8807
Ion Ratio Lower Upper
106 100
91 209.8 104.0 311.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

Instrument :

MSVOA_N

ClientSampleId :

31063

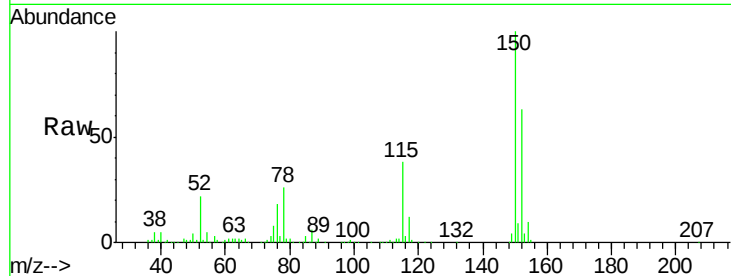
Tot Ion:152 Resp: 165379

Ion Ratio Lower Upper

152 100

115 60.2 29.5 88.5

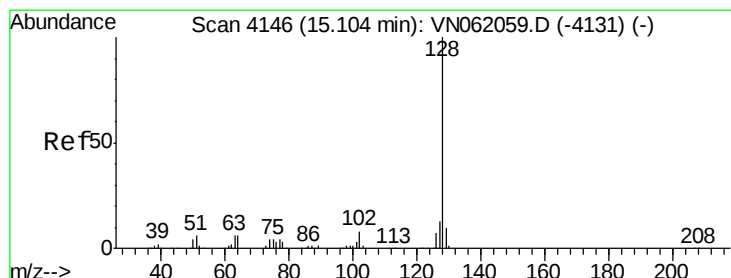
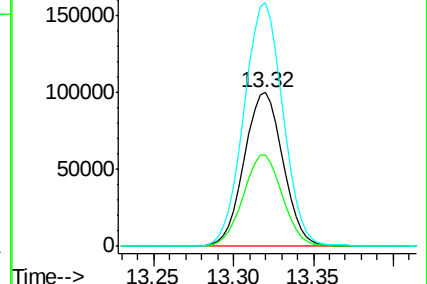
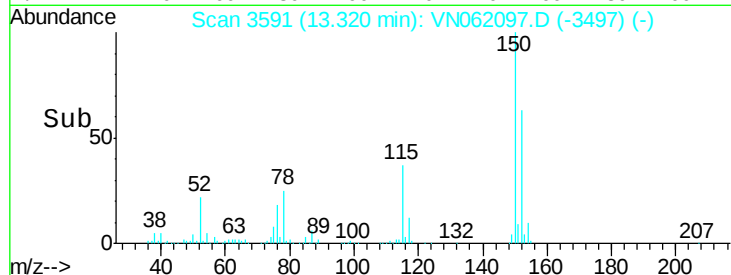
150 159.6 0.0 351.4



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



#95

Naphthalene

Concen: 5.330 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062097.D

Acq: 25 Jun 2020 5:28

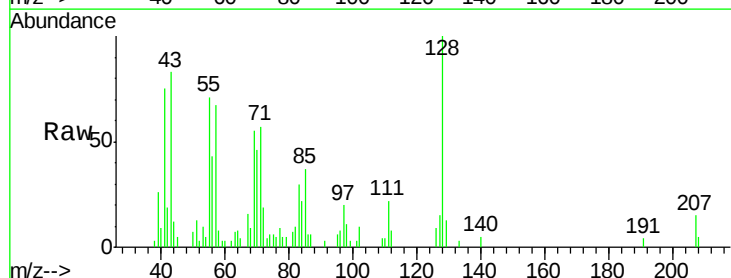
Tgt Ion:128 Resp: 11440

Ion Ratio Lower Upper

128 100

127 18.6 10.5 15.7#

129 0.0 8.6 13.0#



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

