

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002655.D
 Acq On : 11 May 2020 12:00
 Operator : SY/MD
 Sample : L2502-01
 Misc : 7.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-050820

Quant Time: May 11 17:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

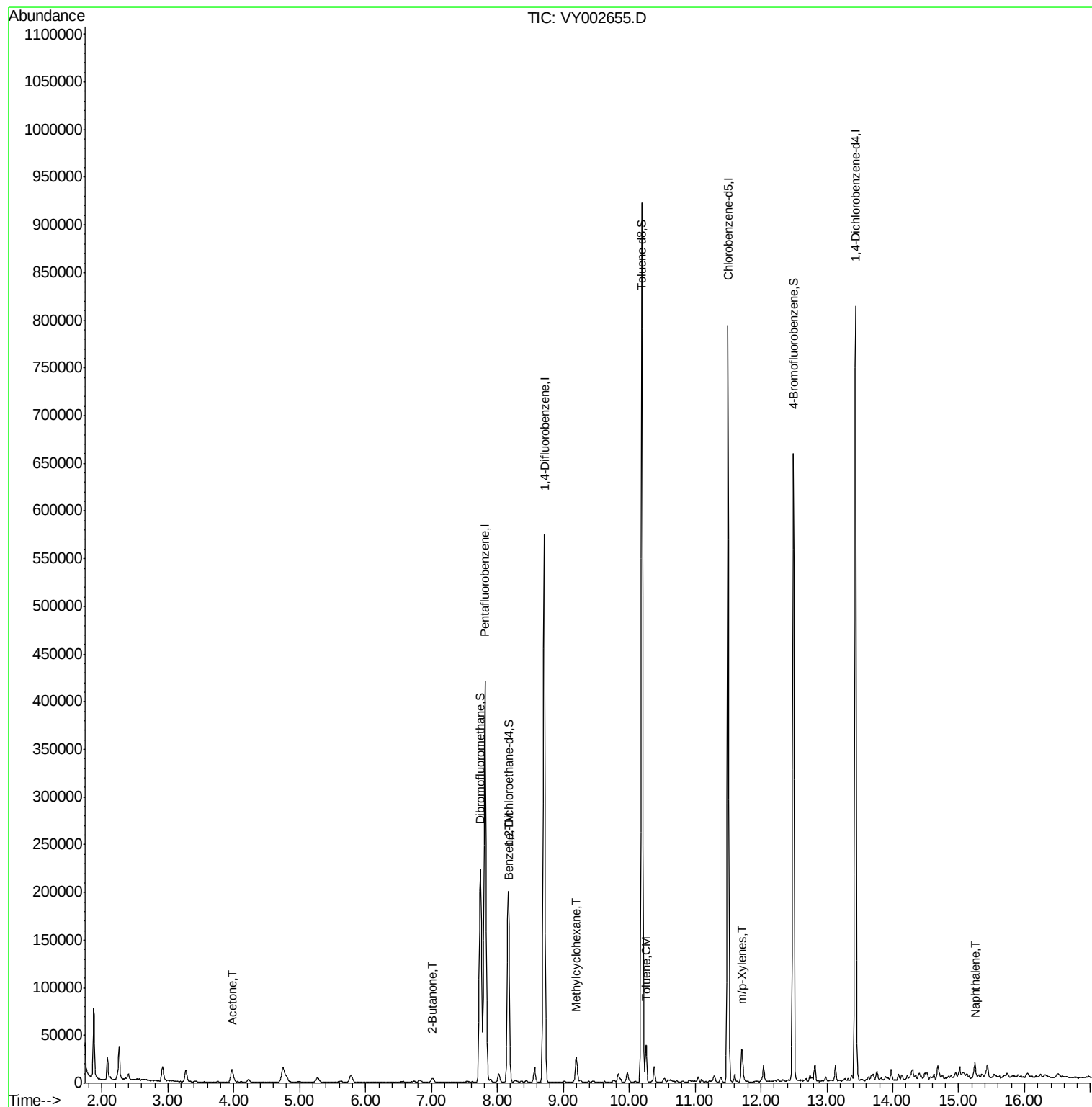
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	350247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	538199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	472656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	224205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	149540	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.74	113	159440	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	10.19	98	626871	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.49	95	200354	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
16) Acetone	3.97	43	22239	36.591	ug/l	98
25) 2-Butanone	7.02	43	6013	6.044	ug/l	89
39) Methylcyclohexane	9.20	83	11416	1.916	ug/l	100
40) Benzene	8.18	78	15002	1.151	ug/l	99
52) Toluene	10.26	92	16049	1.916	ug/l	98
68) m/p-Xylenes	11.70	106	9734	1.594	ug/l	96
95) Naphthalene	15.25	128	12577	1.549	ug/l	98

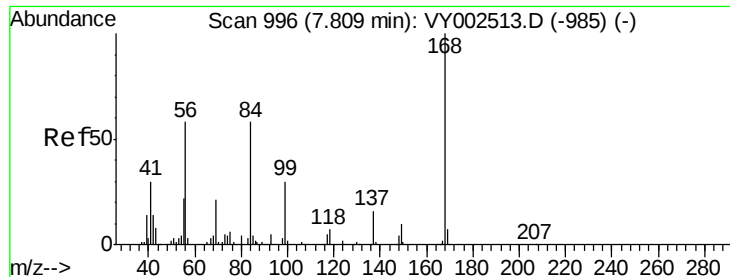
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

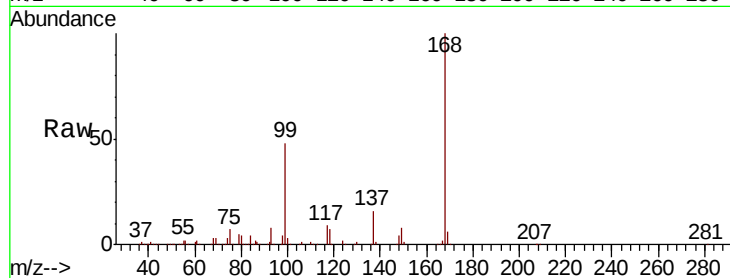
PL-01-050820

Tot Ion:168 Resp: 350247

Ion Ratio Lower Upper

168 100

99 47.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

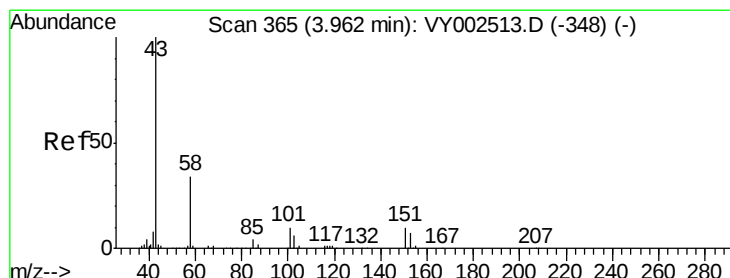
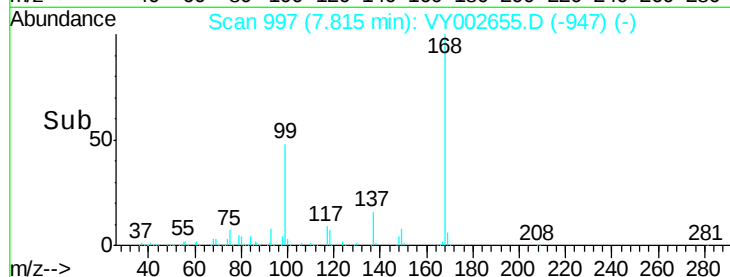
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 36.591 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002655.D

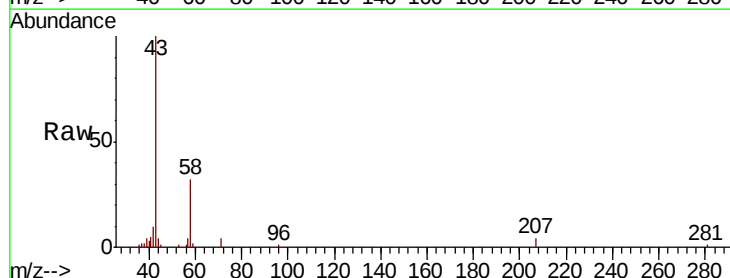
Acq: 11 May 2020 12:00

Tgt Ion: 43 Resp: 22239

Ion Ratio Lower Upper

43 100

58 32.3 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.97

8000

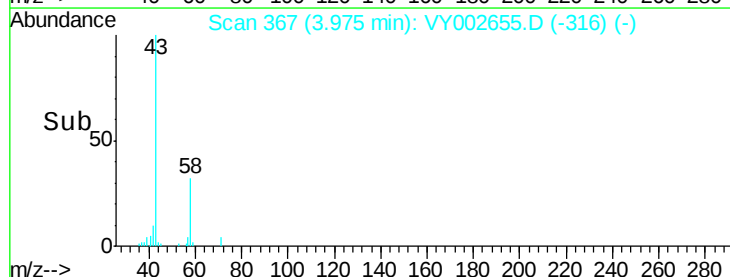
6000

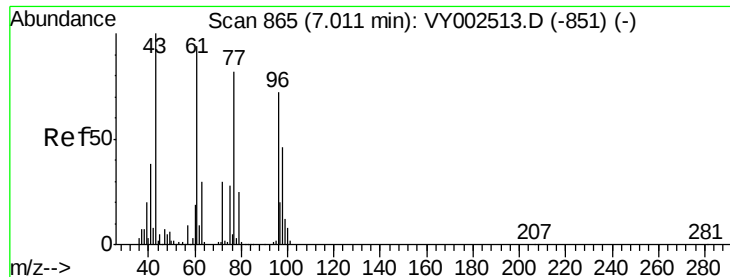
4000

2000

0

Time-->

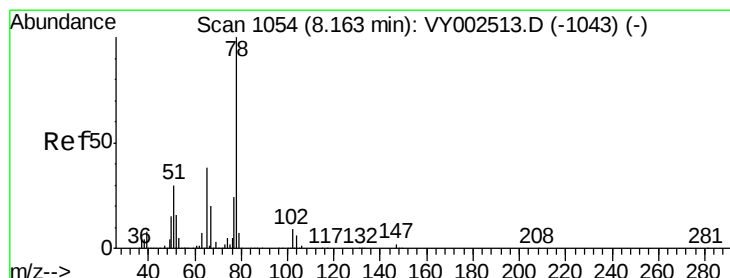
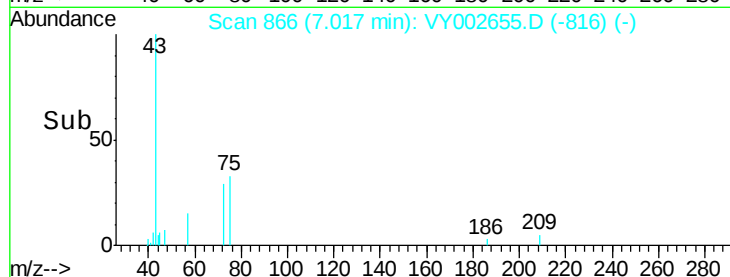
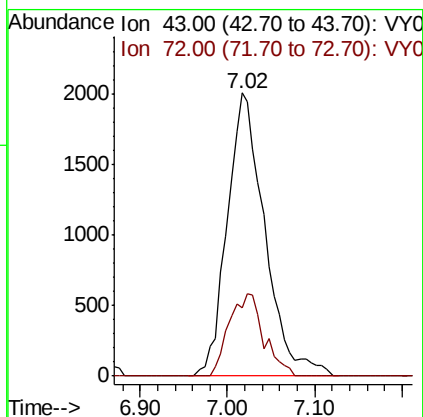
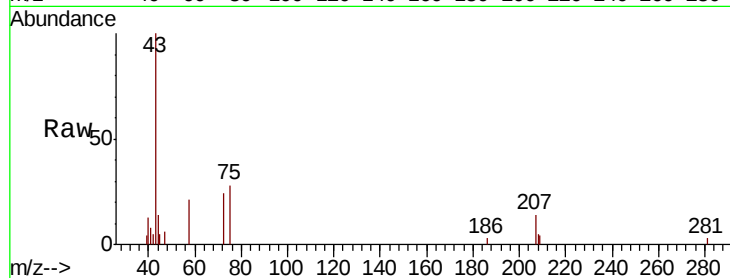




#25
2-Butanone
Concen: 6.044 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

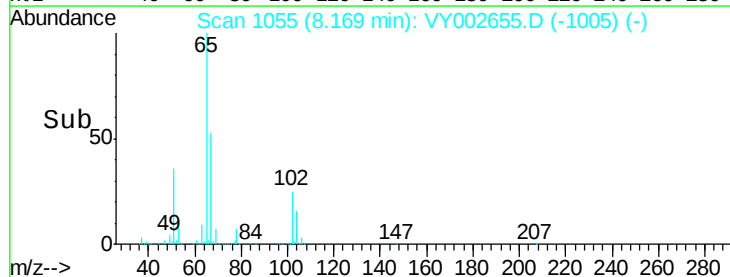
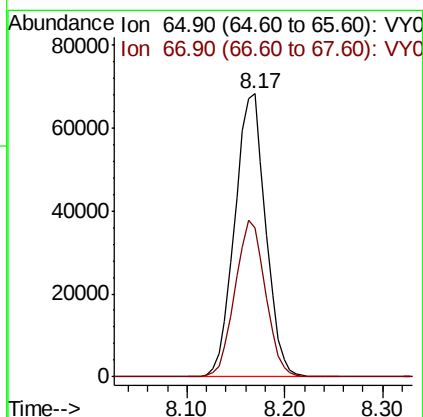
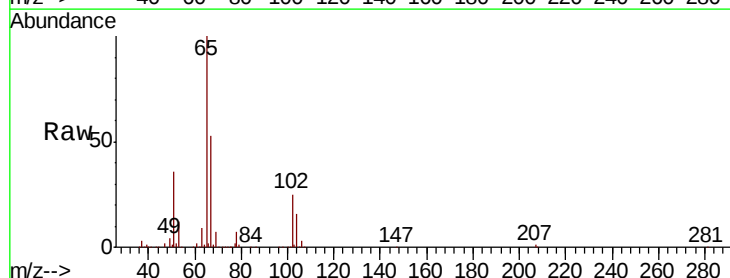
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-050820

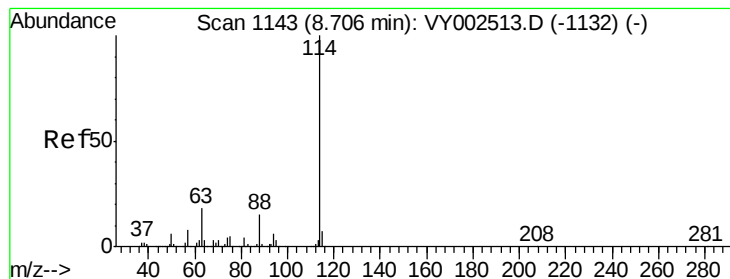
Tot Ion: 43 Resp: 6013
Ion Ratio Lower Upper
43 100
72 24.2 24.1 36.1



#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 65 Resp: 149540
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-050820

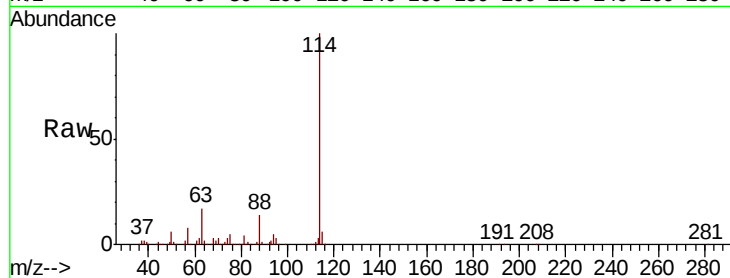
Tot Ion:114 Resp: 538199

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.4

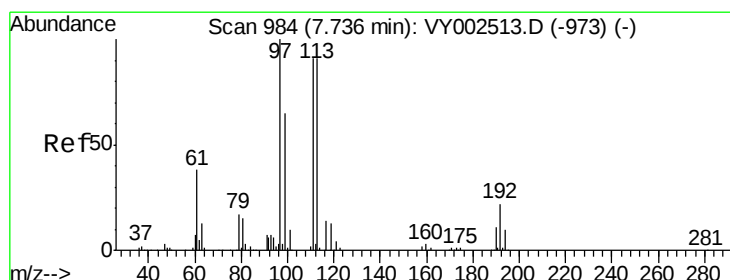
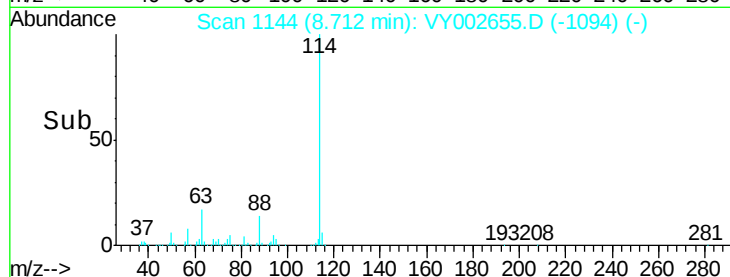
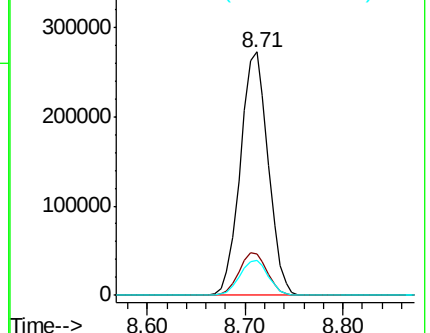
88 14.2 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.800 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

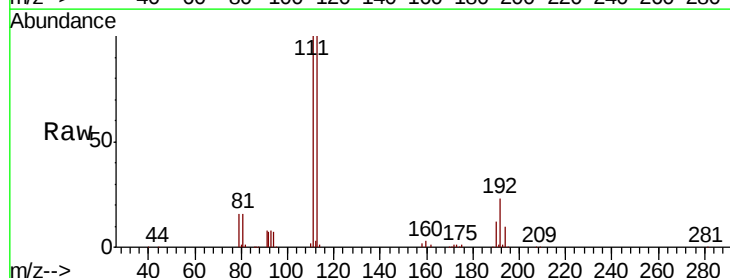
Tgt Ion:113 Resp: 159440

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

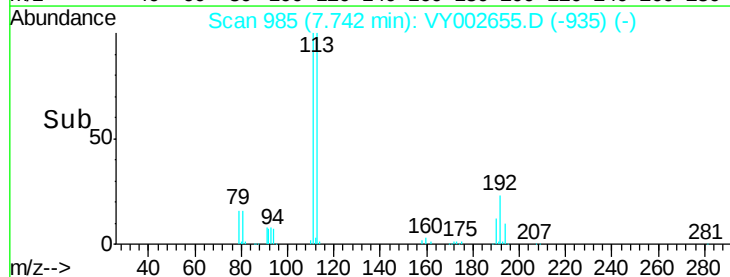
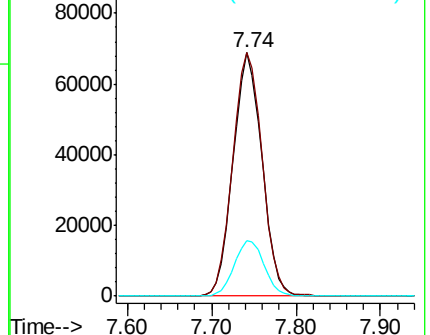
192 23.4 18.2 27.4

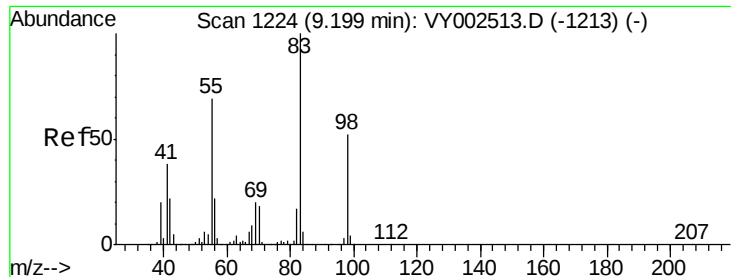


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

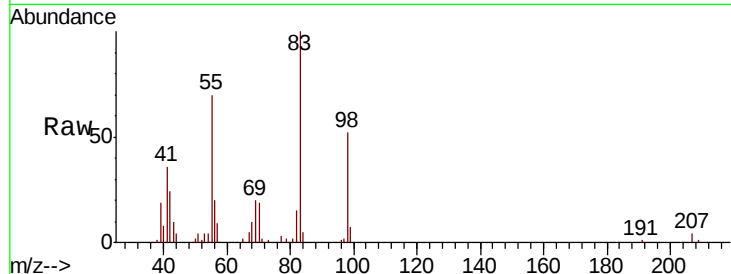




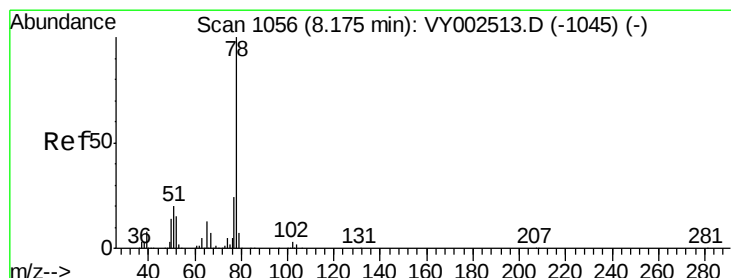
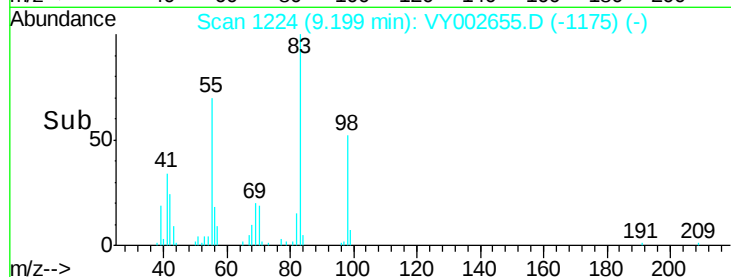
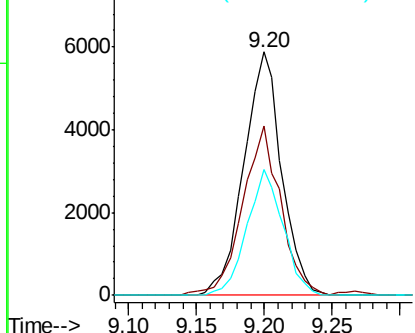
#39
Methvlcvclohexane
Concen: 1.916 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-050820

Tot Ion: 83 Resp: 11416
Ion Ratio Lower Upper
83 100
55 68.8 55.4 83.0
98 51.7 41.3 61.9

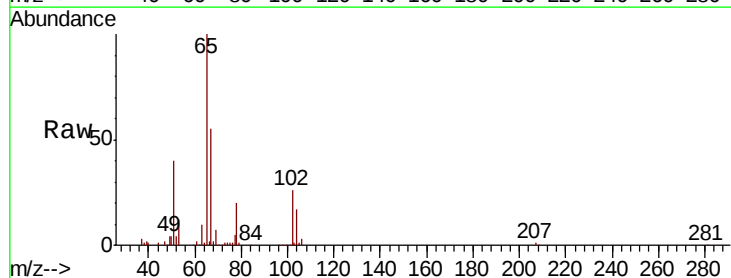


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

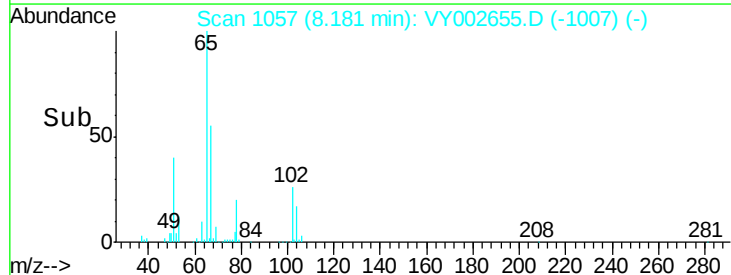
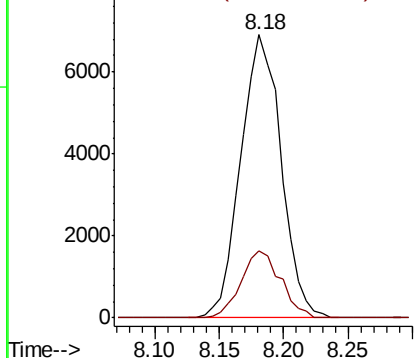


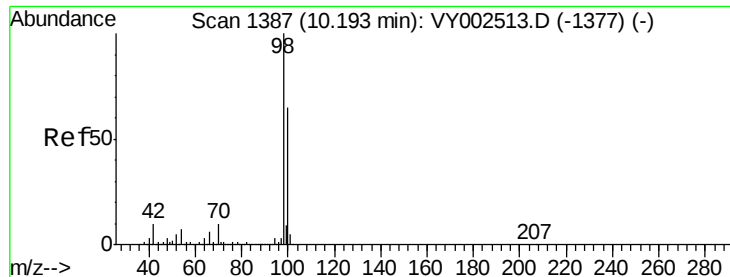
#40
Benzene
Concen: 1.151 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002655.D
Acq: 11 May 2020 12:00

Tgt Ion: 78 Resp: 15002
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 52.153 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

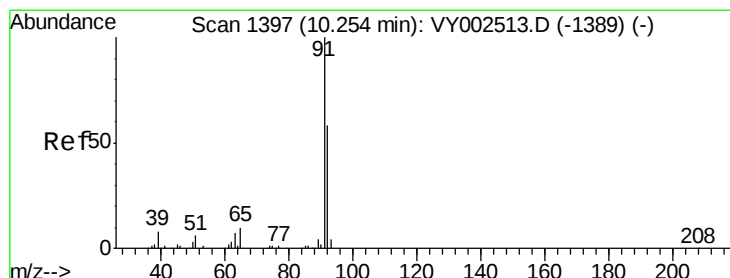
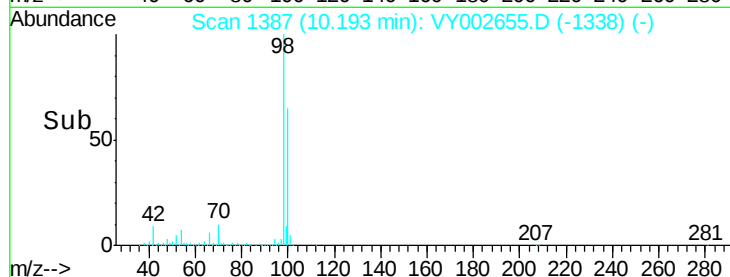
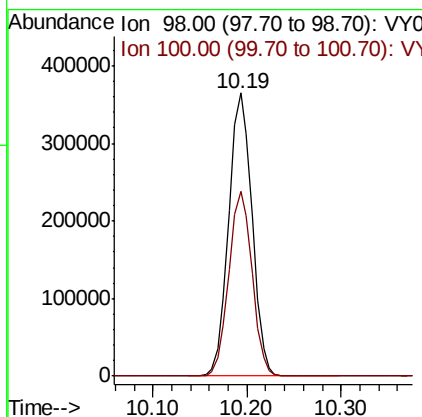
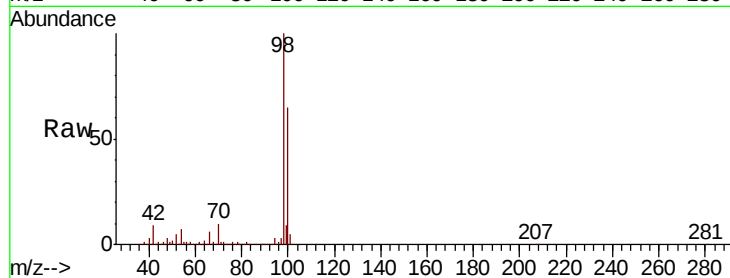
PL-01-050820

Tot Ion: 98 Resp: 626871

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#52

Toluene

Concen: 1.916 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002655.D

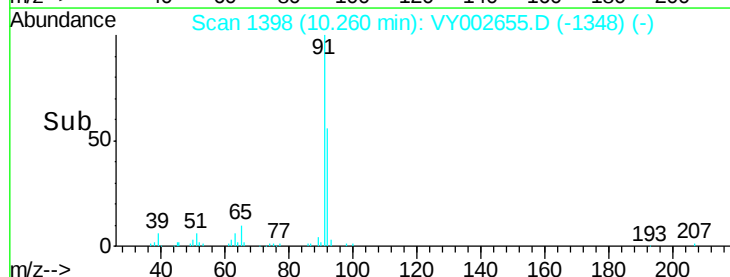
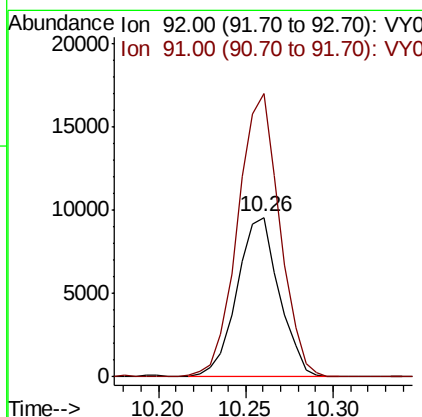
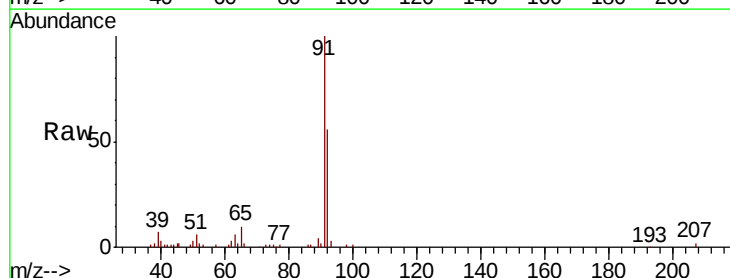
Acq: 11 May 2020 12:00

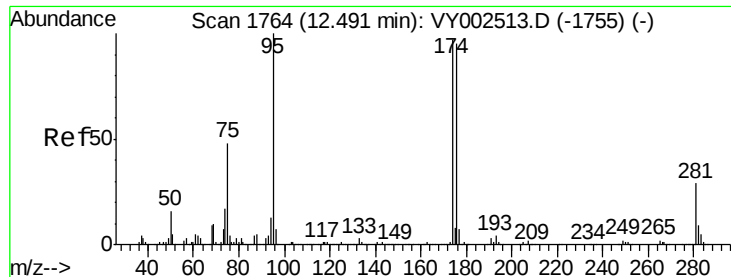
Tgt Ion: 92 Resp: 16049

Ion Ratio Lower Upper

92 100

91 176.3 139.3 208.9





#62

4-Bromofluorobenzene

Concen: 49.122 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-050820

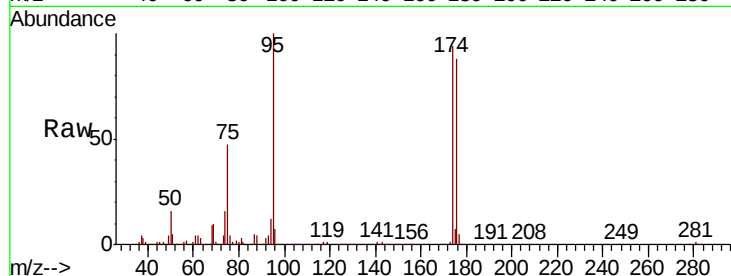
Tot Ion: 95 Resp: 200354

Ion Ratio Lower Upper

95 100

174 94.4 0.0 188.8

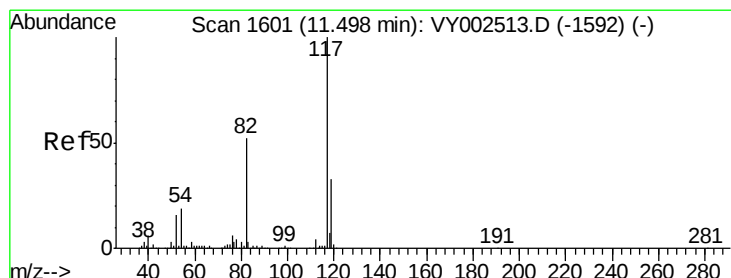
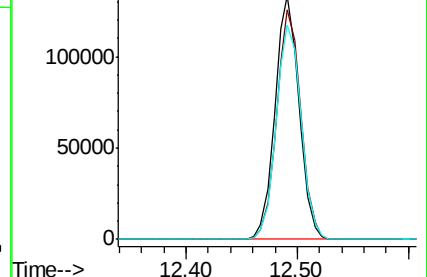
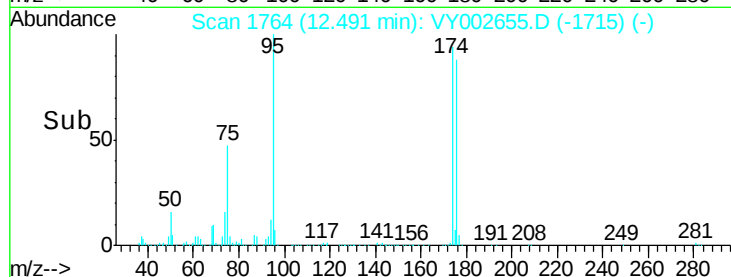
176 91.2 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002655.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY002655.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY002655.D (-1715) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

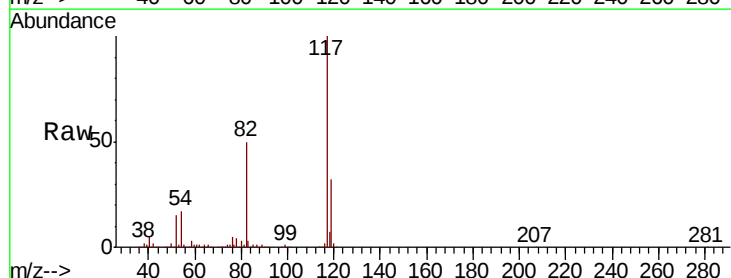
Tgt Ion: 117 Resp: 472656

Ion Ratio Lower Upper

117 100

82 50.5 41.3 61.9

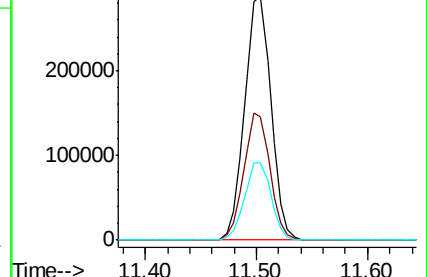
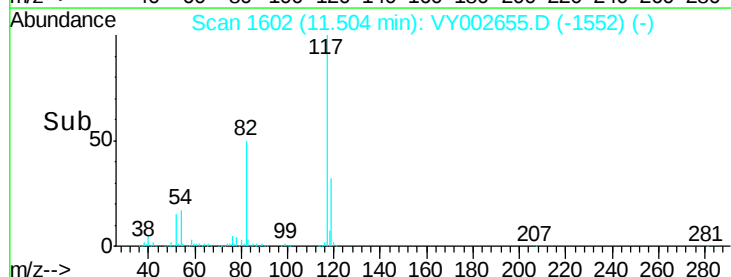
119 31.9 26.0 39.0

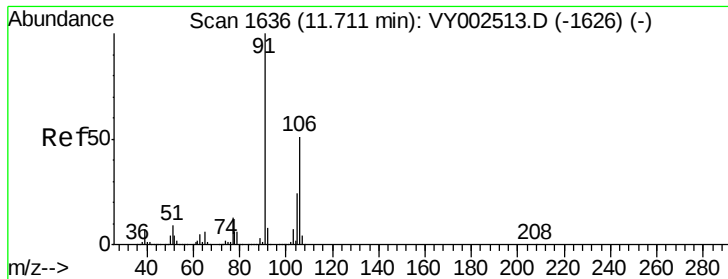


Abundance Ion 116.90 (116.60 to 117.60): VY002655.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY002655.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY002655.D (-1552) (-)





#68

m/p-Xvlenes

Concen: 1.594 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

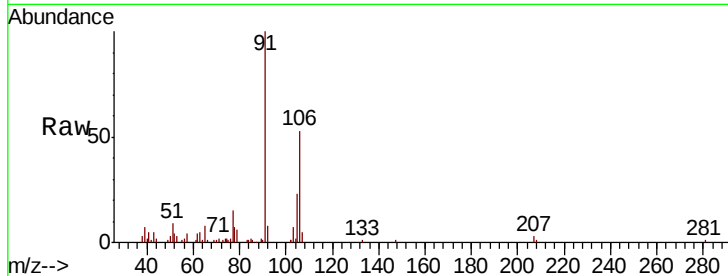
PL-01-050820

Tot Ion:106 Resp: 9734

Ion Ratio Lower Upper

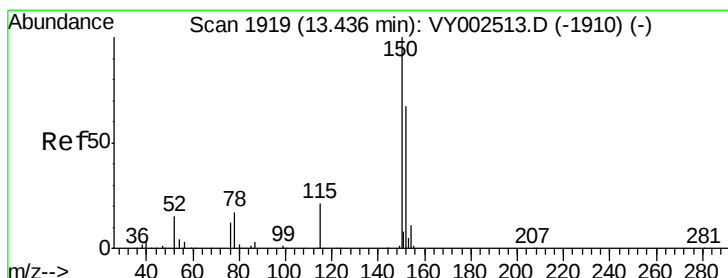
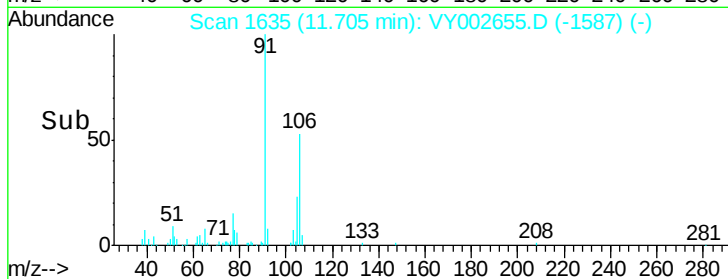
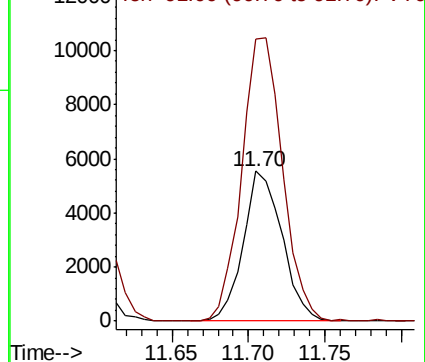
106 100

91 199.3 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

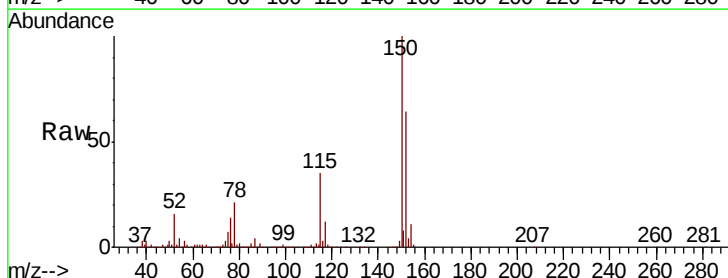
Tgt Ion:152 Resp: 224205

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

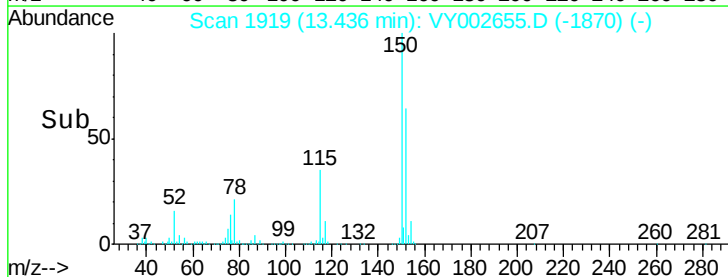
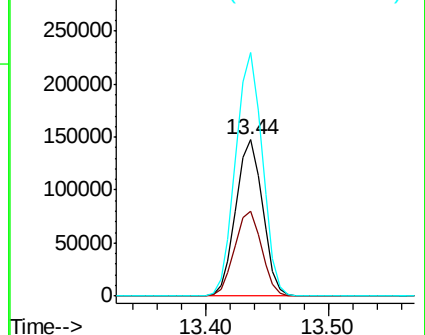
150 155.9 0.0 346.4

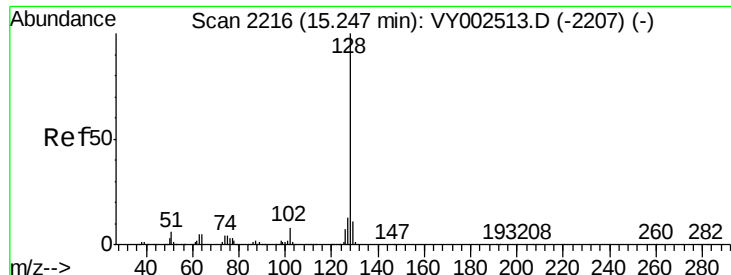


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.549 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002655.D

Acq: 11 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-050820

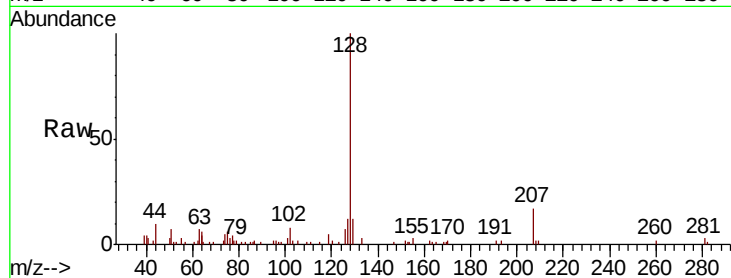
Tot Ion:128 Resp: 12577

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 12.4 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

