

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003020.D
 Acq On : 29 Jun 2020 20:41
 Operator : SY/MD
 Sample : L3153-04
 Misc : 6.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP1-B

Quant Time: Jun 30 07:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

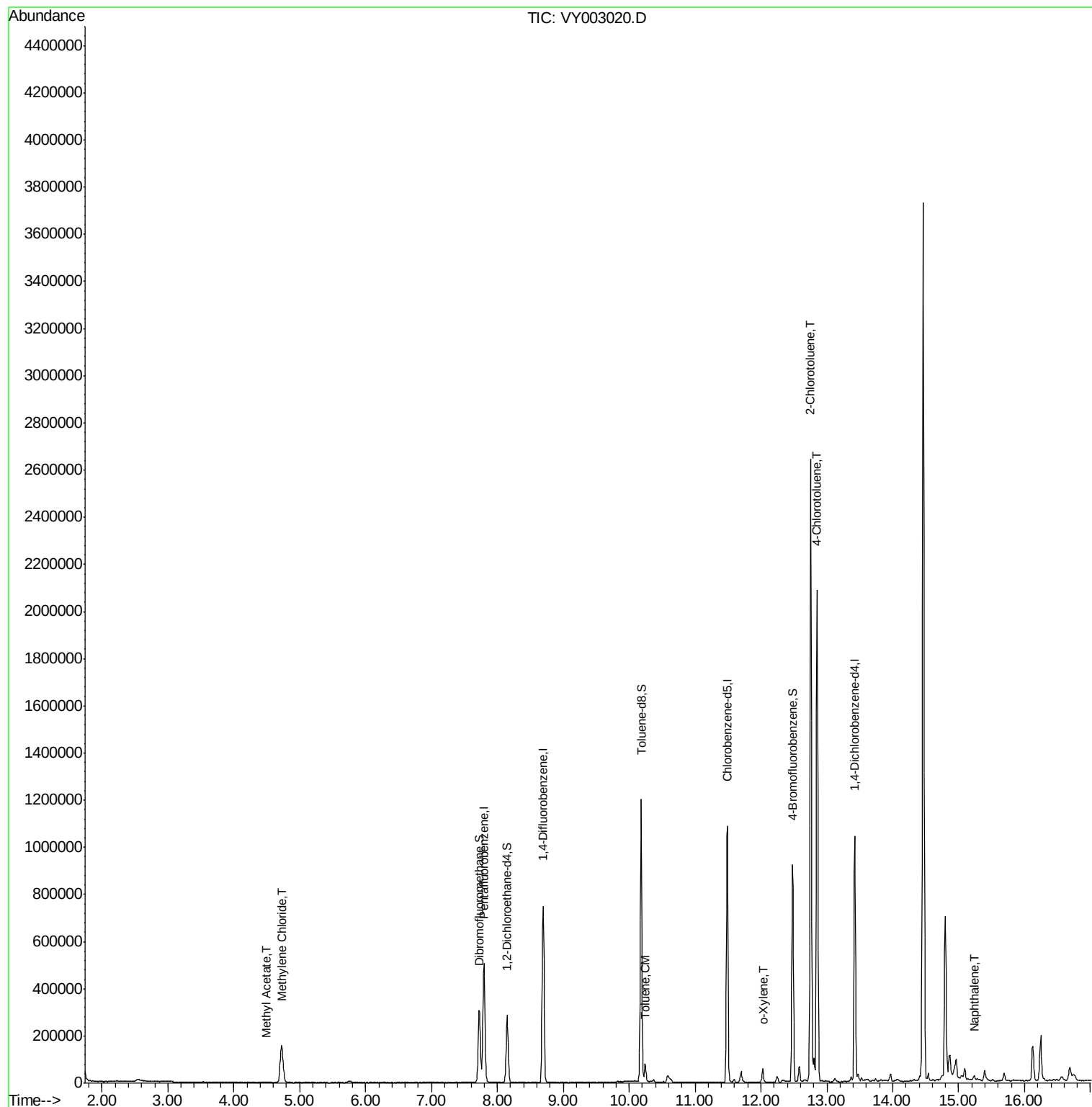
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	411126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	658264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	605816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	270487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	225496	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	7.72	113	214396	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
50) Toluene-d8	10.18	98	782914	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.48	95	264875	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
Target Compounds						
18) Methyl Acetate	4.49	43	3393	1.308	ug/l	93
20) Methylene Chloride	4.73	84	123215	25.216	ug/l	95
52) Toluene	10.24	92	29002	2.654	ug/l	96
69) o-Xylene	12.03	106	15339	2.001	ug/l	97
79) 2-Chlorotoluene	12.75	91	1428658	120.224	ug/l	99
82) 4-Chlorotoluene	12.85	91	1157590	93.562	ug/l	100
95) Naphthalene	15.23	128	12741	1.235	ug/l #	91

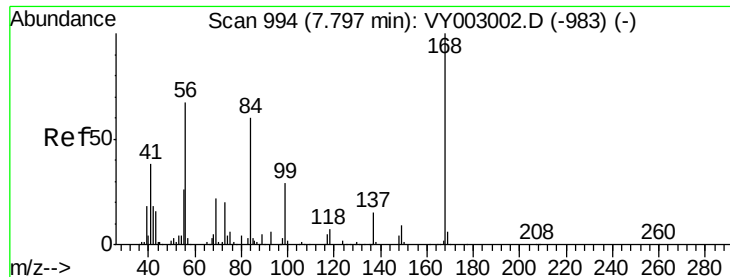
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003020.D
Acq On : 29 Jun 2020 20:41
Operator : SY/MD
Sample : L3153-04
Misc : 6.78G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP1-B

Quant Time: Jun 30 07:34:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

Instrument :

MSVOA_Y

ClientSampleId :

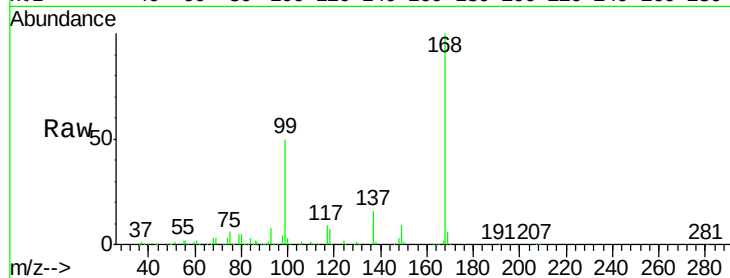
SP1-B

Tot Ion:168 Resp: 411126

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003020.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003020.D (-945) (-)

7.80

200000

150000

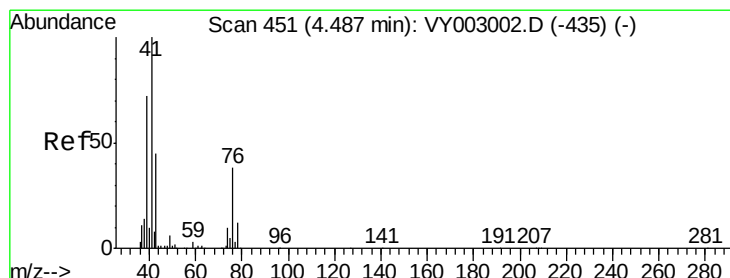
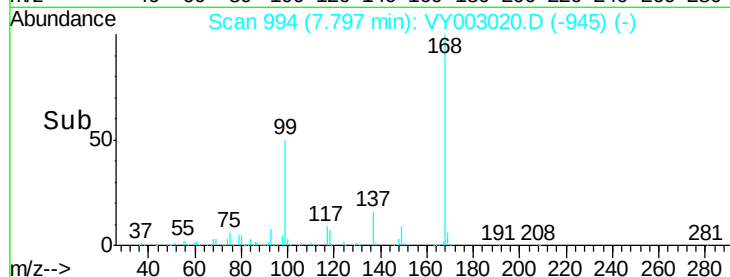
100000

50000

0

7.70 7.80 7.90

Time-->



#18

Methyl Acetate

Concen: 1.308 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003020.D

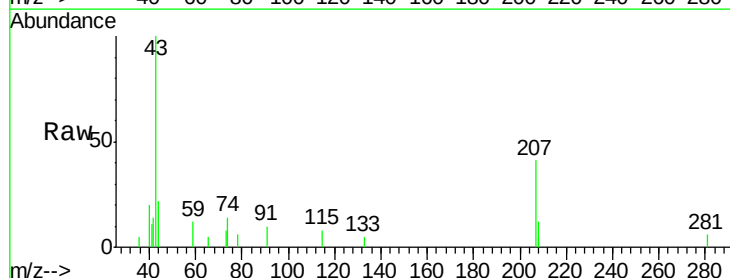
Acq: 29 Jun 2020 20:41

Tgt Ion: 43 Resp: 3393

Ion Ratio Lower Upper

43 100

74 19.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY003020.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY003020.D (-402) (-)

4.49

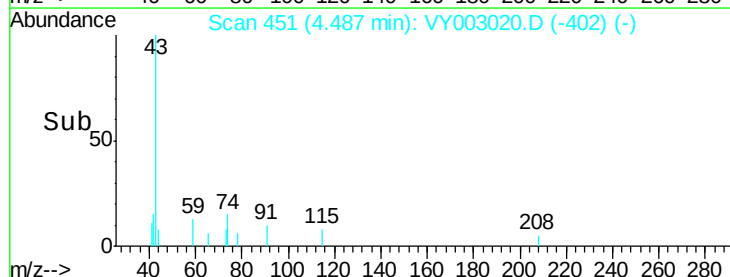
1000

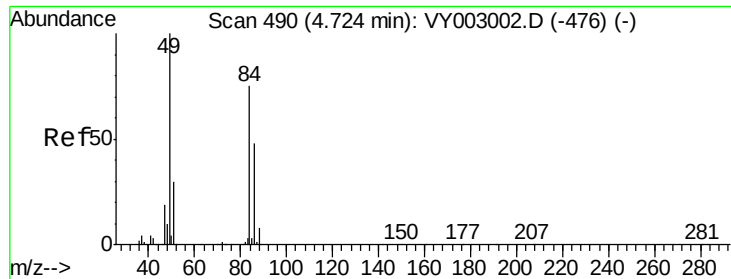
500

0

4.40 4.45 4.50 4.55

Time-->

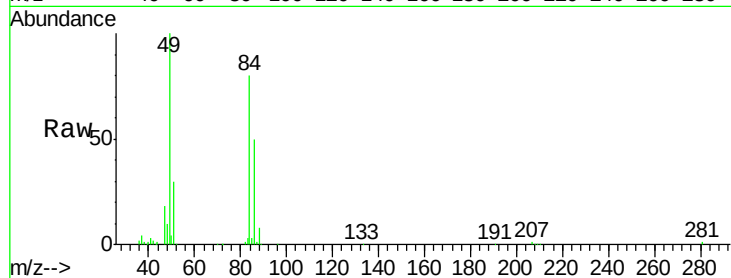




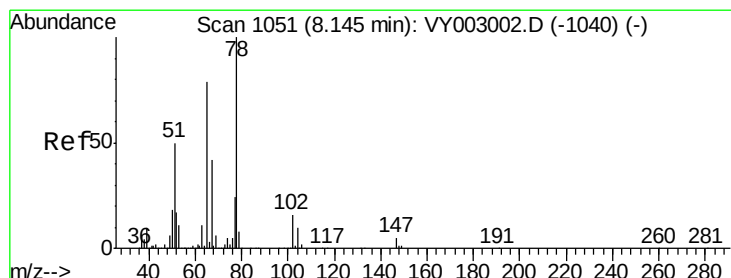
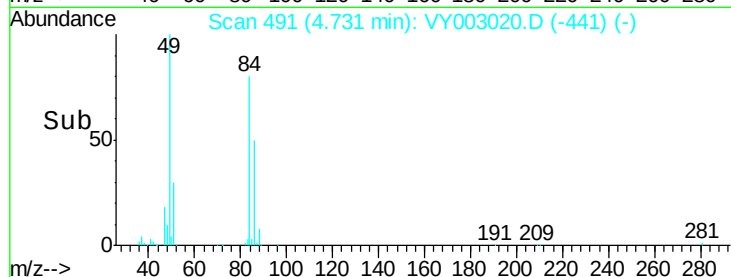
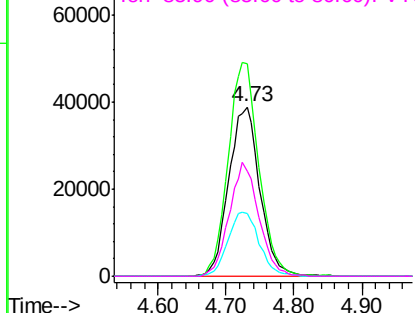
#20
Methylene Chloride
Concen: 25.216 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003020.D
Acq: 29 Jun 2020 20:41

Instrument :
MSVOA_Y
ClientSampleId :
SP1-B

Tot Ion:	84	Resp:	123215
Ion	Ratio	Lower	Upper
84	100		
49	125.7	106.8	160.2
51	37.2	32.0	48.0
86	62.3	51.4	77.2

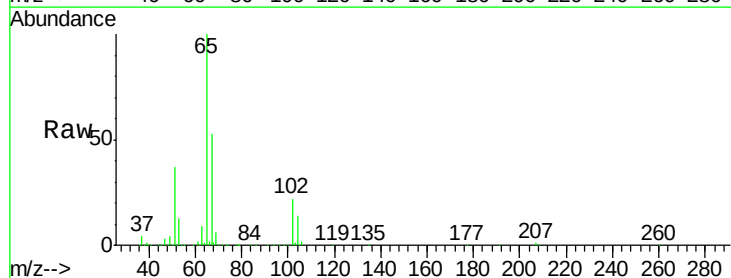


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

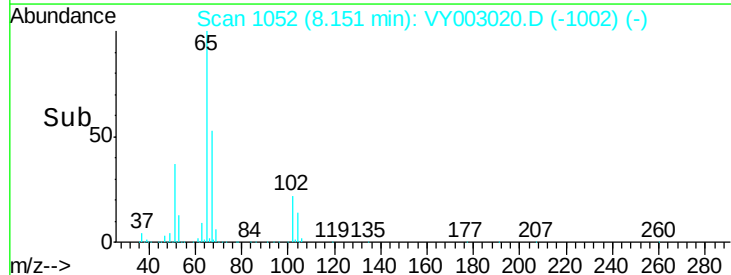
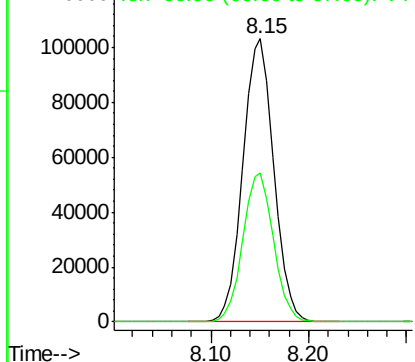


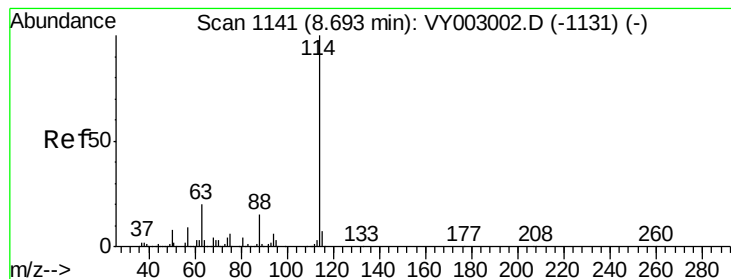
#33
1,2-Dichloroethane-d4
Concen: 55.224 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003020.D
Acq: 29 Jun 2020 20:41

Tgt Ion:	65	Resp:	225496
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

Instrument :

MSVOA_Y

ClientSampleId :

SP1-B

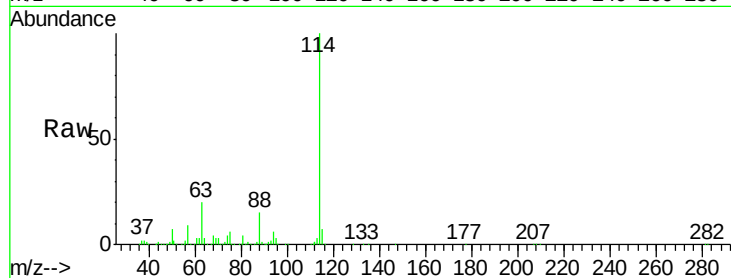
Tot Ion:114 Resp: 658264

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

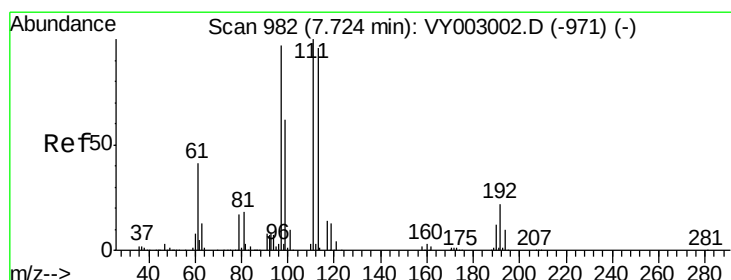
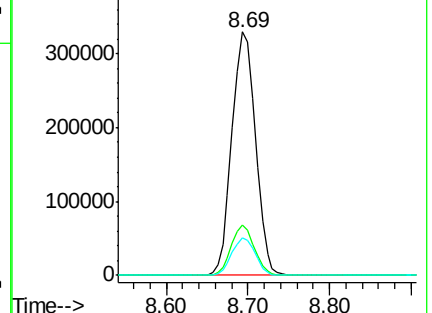
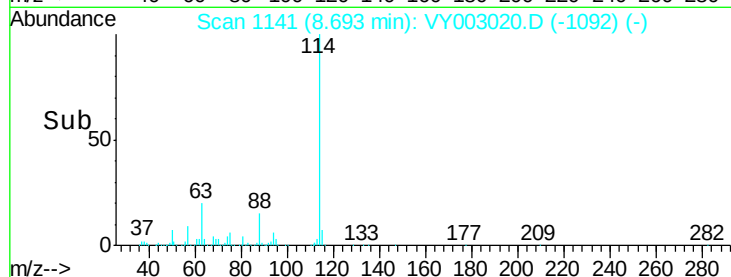
88 15.4 0.0 30.0



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: 52.211 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

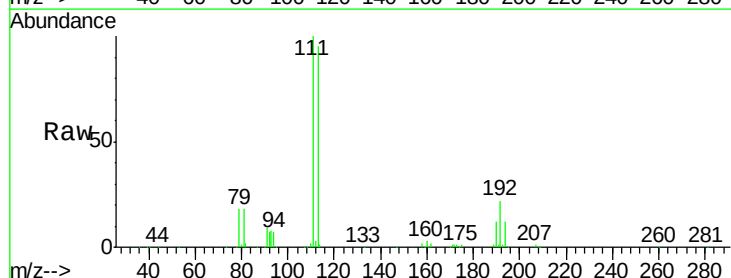
Tgt Ion:113 Resp: 214396

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

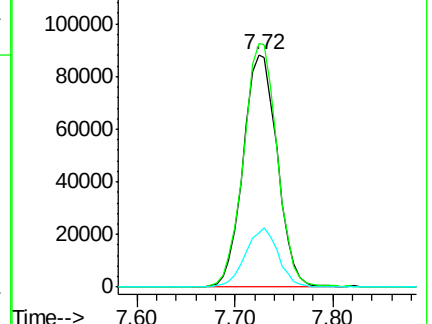
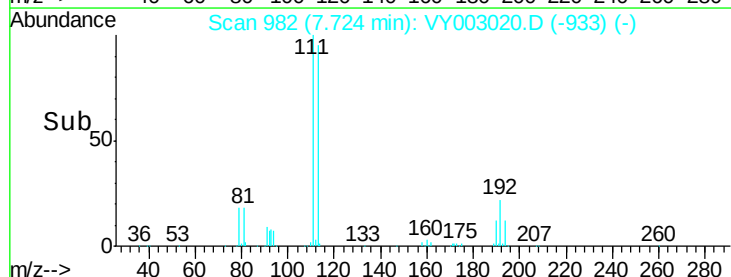
192 24.2 18.1 27.1

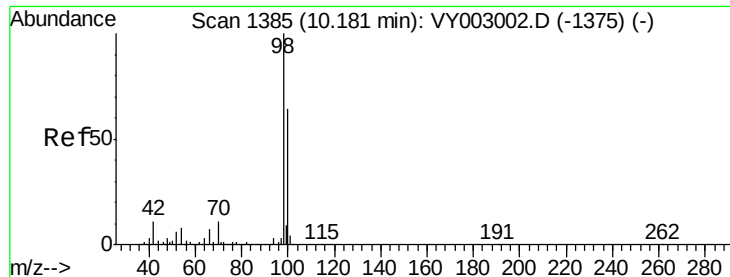


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.177 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

Instrument :

MSVOA_Y

ClientSampleId :

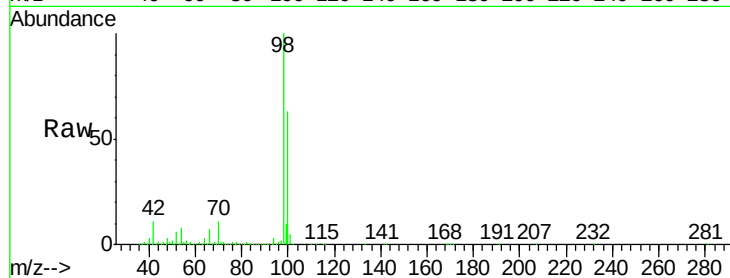
SP1-B

Tot Ion: 98 Resp: 782914

Ion Ratio Lower Upper

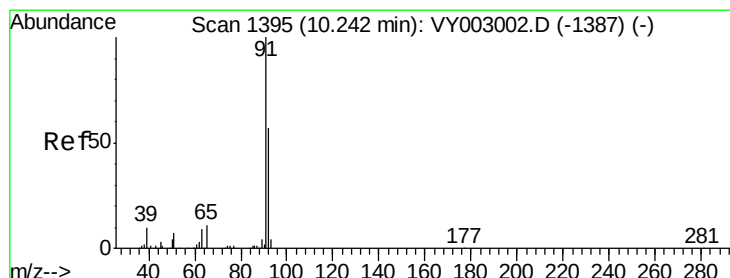
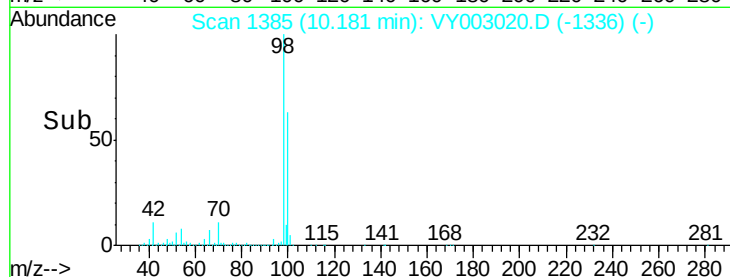
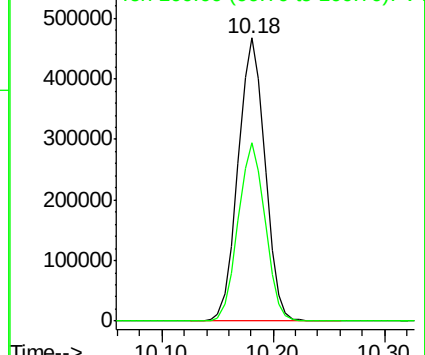
98 100

100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#52

Toluene

Concen: 2.654 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003020.D

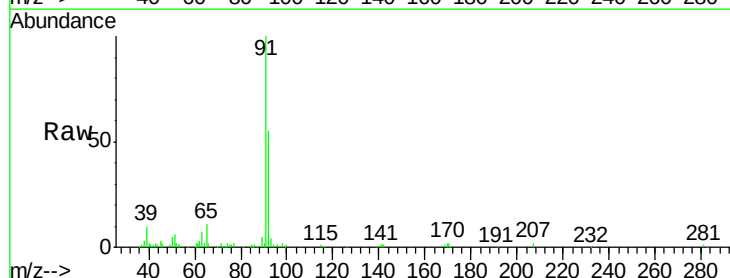
Acq: 29 Jun 2020 20:41

Tgt Ion: 92 Resp: 29002

Ion Ratio Lower Upper

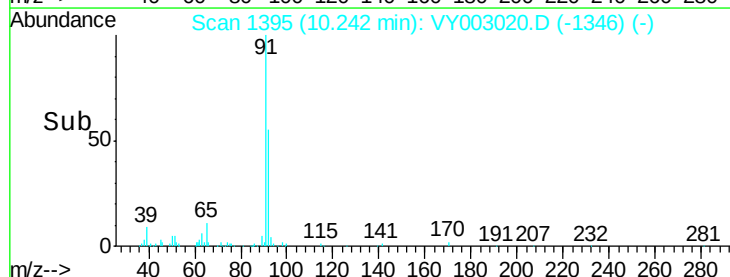
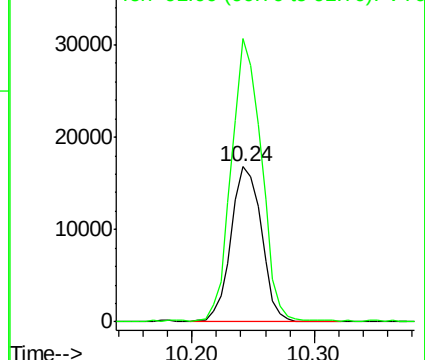
92 100

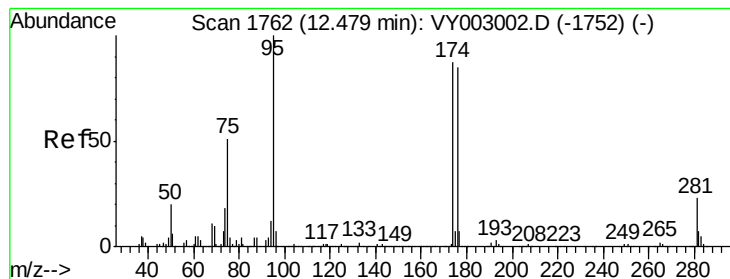
91 180.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#62

4-Bromofluorobenzene

Concen: 49.188 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

Instrument :

MSVOA_Y

ClientSampleId :

SP1-B

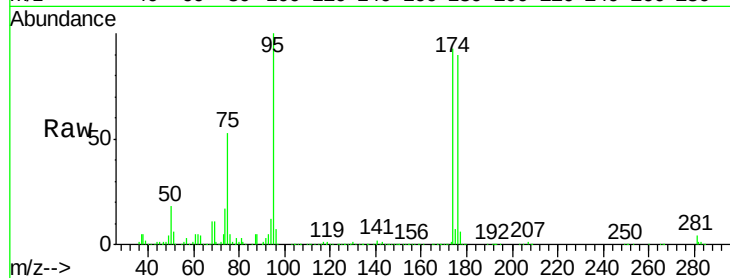
Tot Ion: 95 Resp: 264875

Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.8

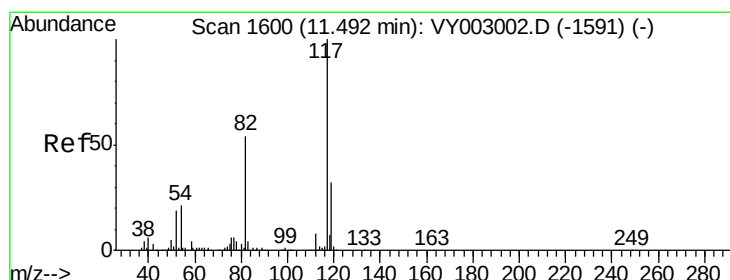
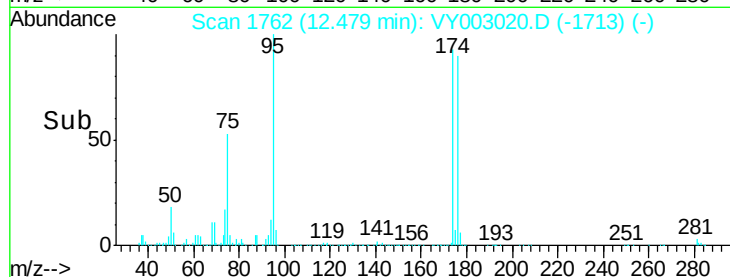
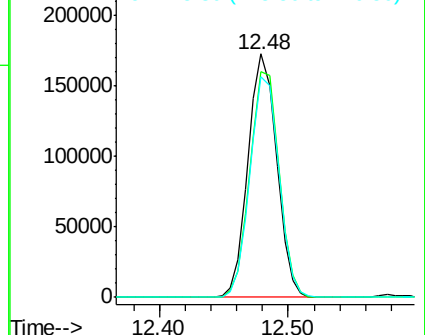
176 91.6 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

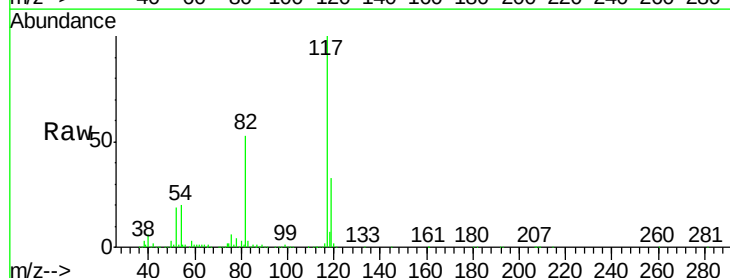
Tgt Ion: 117 Resp: 605816

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.6

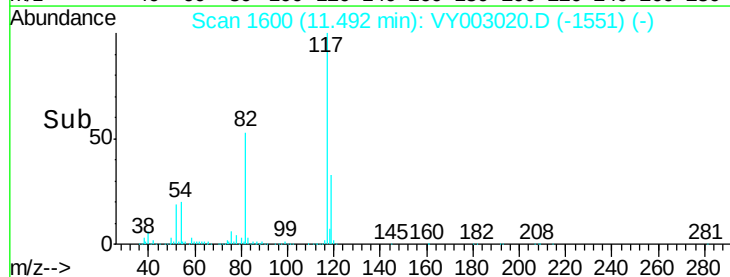
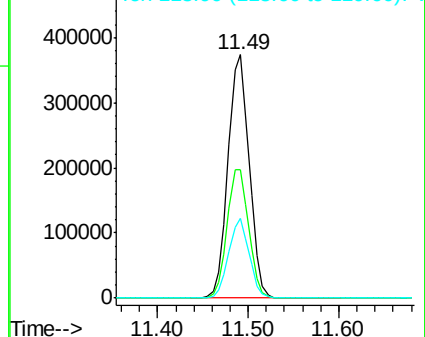
119 32.6 25.8 38.8

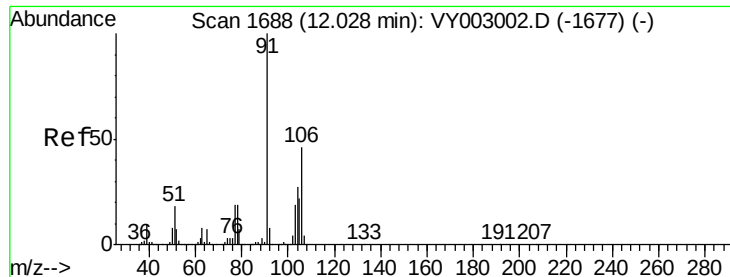


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0

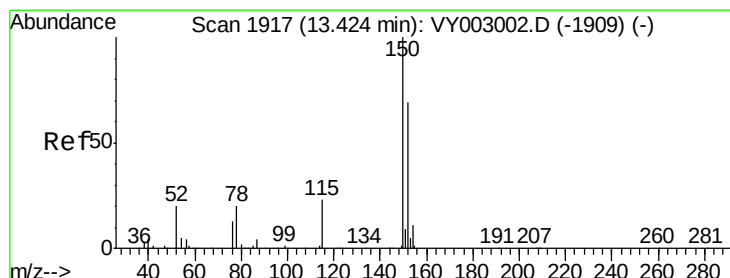
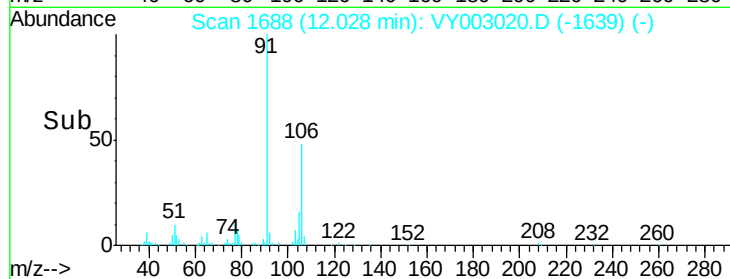
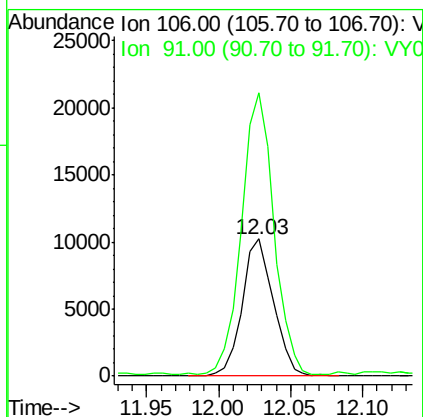
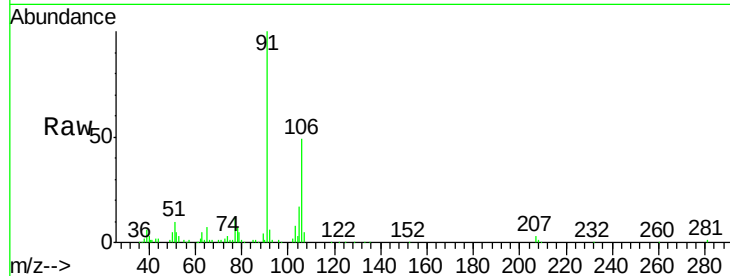




#69
o-Xylene
Concen: 2.001 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003020.D
Acq: 29 Jun 2020 20:41

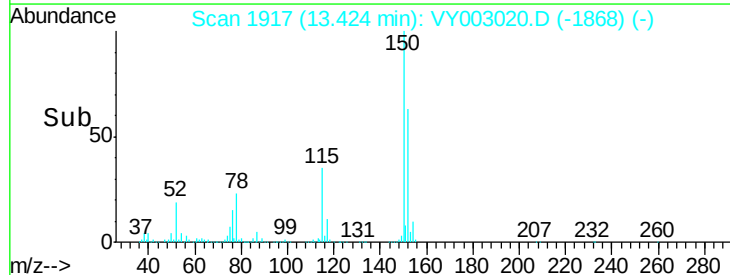
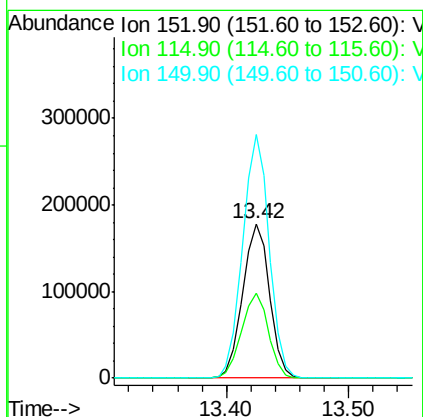
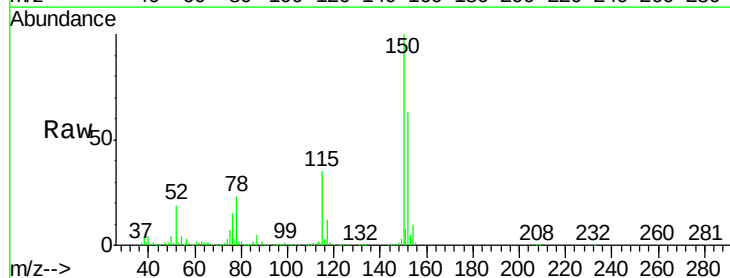
Instrument :
MSVOA_Y
ClientSampled :
SP1-B

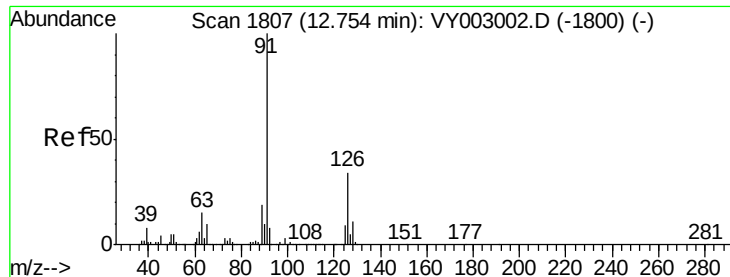
Tot Ion:106 Resp: 15339
Ion Ratio Lower Upper
106 100
91 211.0 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003020.D
Acq: 29 Jun 2020 20:41

Tgt Ion:152 Resp: 270487
Ion Ratio Lower Upper
152 100
115 55.2 27.3 81.9
150 155.8 0.0 343.4





#79

2-Chlorotoluene

Concen: 120.224 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003020.D

Acq: 29 Jun 2020 20:41

Instrument :

MSVOA_Y

ClientSampleId :

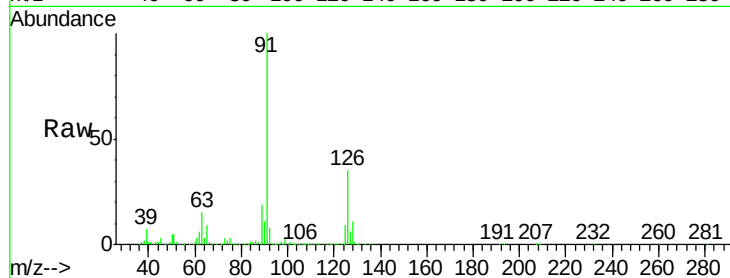
SP1-B

Tot Ion: 91 Resp: 1428658

Ion Ratio Lower Upper

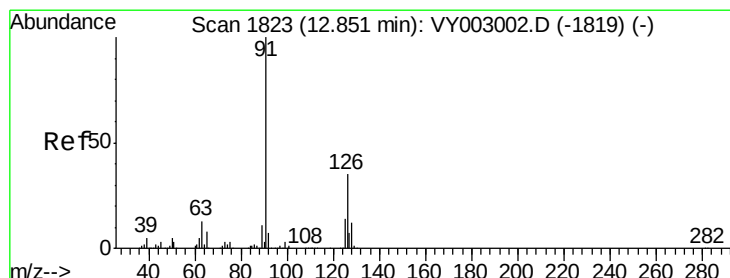
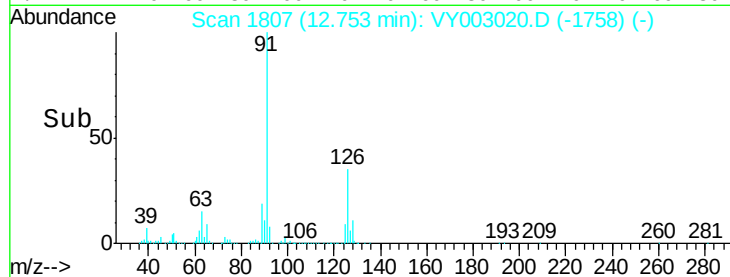
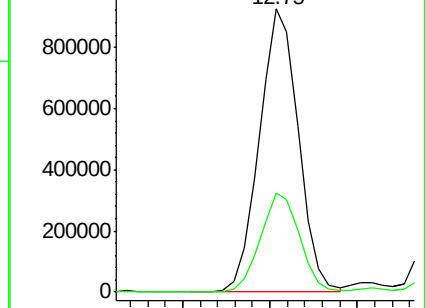
91 100

126 35.0 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#82

4-Chlorotoluene

Concen: 93.562 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003020.D

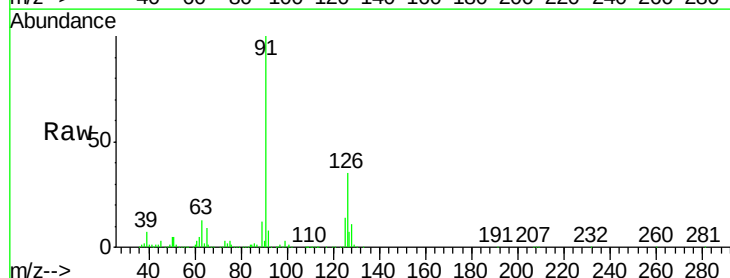
Acq: 29 Jun 2020 20:41

Tgt Ion: 91 Resp: 1157590

Ion Ratio Lower Upper

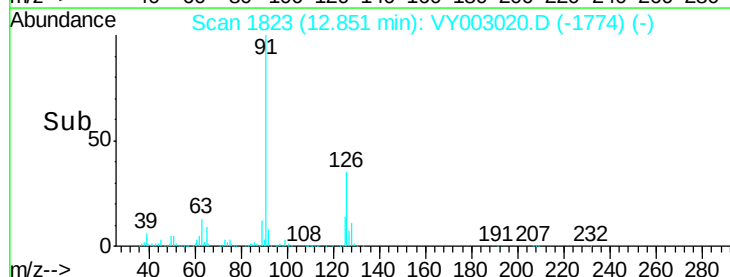
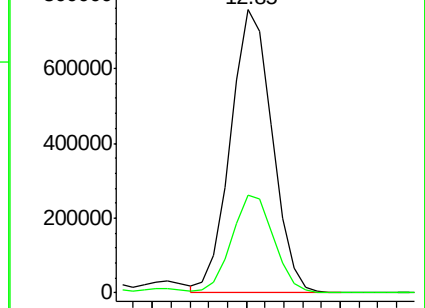
91 100

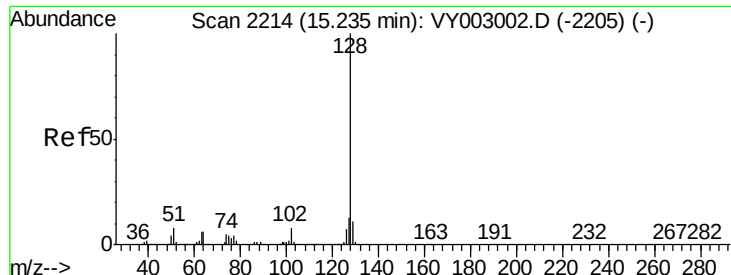
126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#95
Naphthalene
Concen: 1.235 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003020.D
Acq: 29 Jun 2020 20:41

Instrument :
MSVOA_Y
ClientSampleId :
SP1-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.4	10.8	16.2
129	12.7	8.8	13.2

