

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002078.D
 Acq On : 25 Mar 2020 19:28
 Operator : SY/MD
 Sample : L2042-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-1.0-1.5

Quant Time: Mar 26 08:32:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

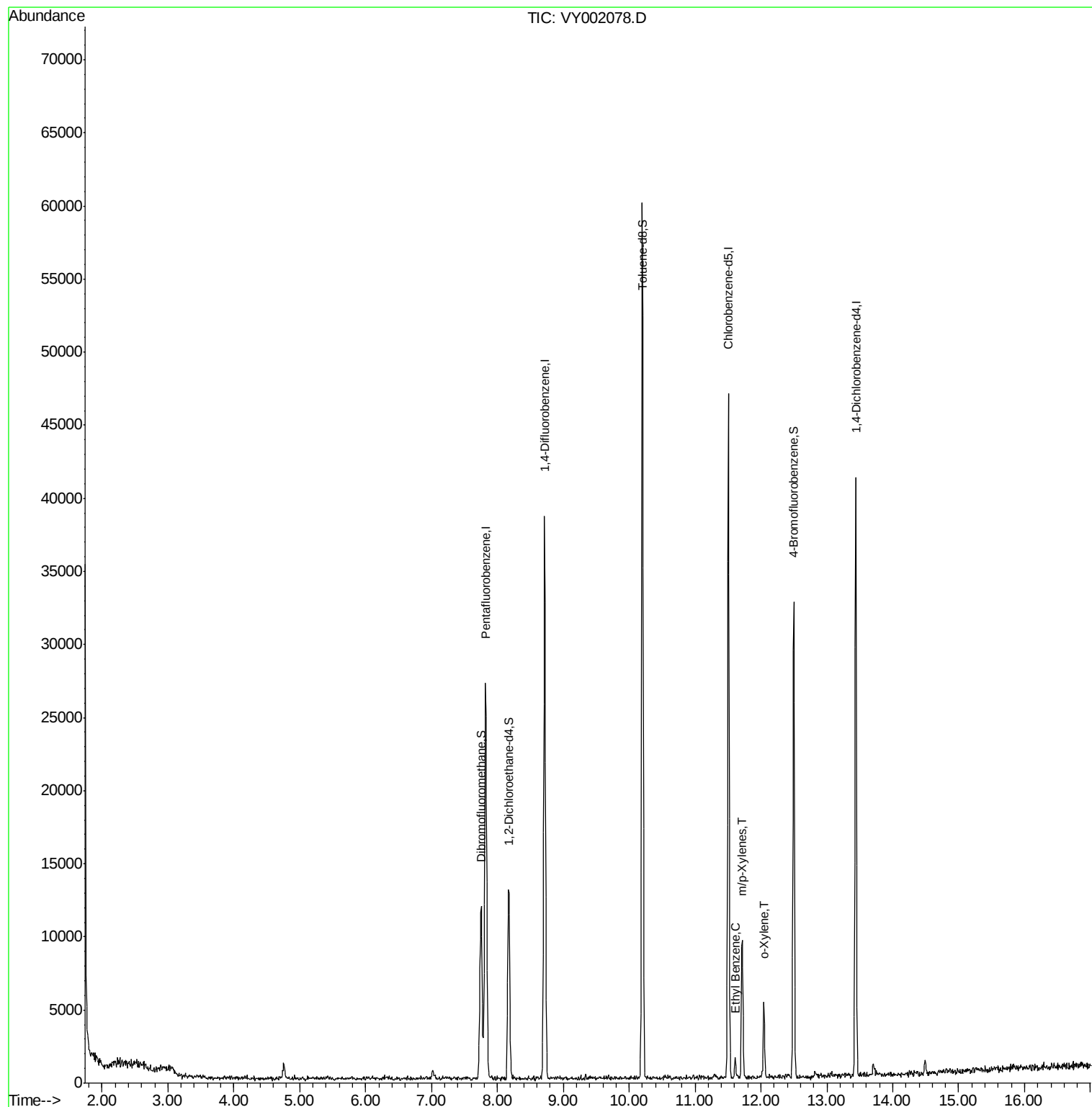
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	19388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	32057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	25470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	10155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	9815	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	7.75	113	8544	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.20	98	38357	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.50	95	10504	40.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.86%	
Target Compounds						
67) Ethyl Benzene	11.61	91	1290	1.363	ug/l	100
68) m/p-Xylenes	11.72	106	2925	8.359	ug/l	100
69) o-Xylene	12.05	106	1291	3.914	ug/l	91

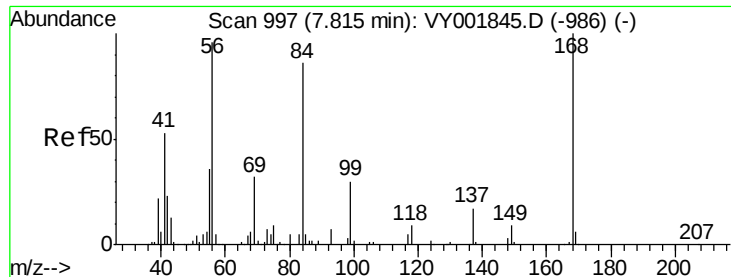
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002078.D

Acq: 25 Mar 2020 19:28

Instrument :

MSVOA_Y

ClientSampleId :

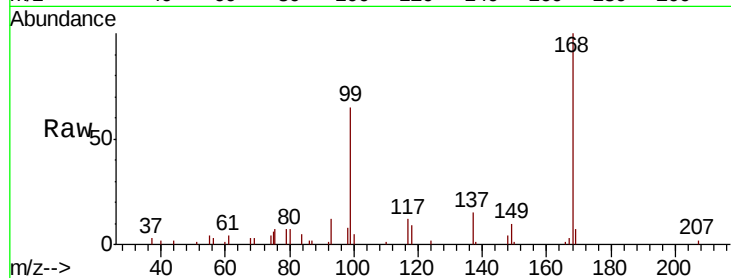
SB-02-1.0-1.5

Tot Ion:168 Resp: 19388

Ion Ratio Lower Upper

168 100

99 64.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

8000

6000

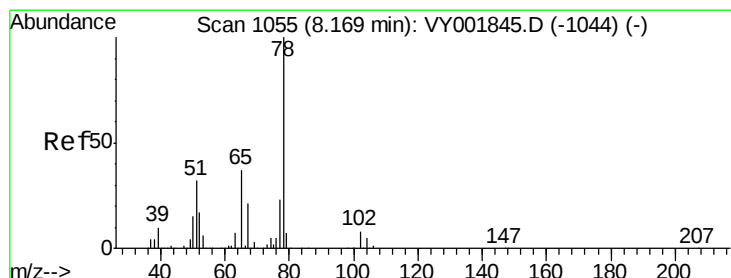
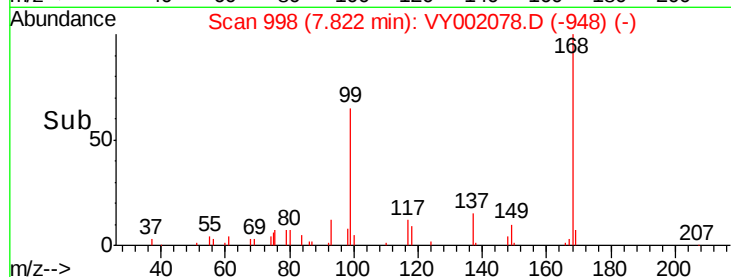
4000

2000

0

7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.420 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002078.D

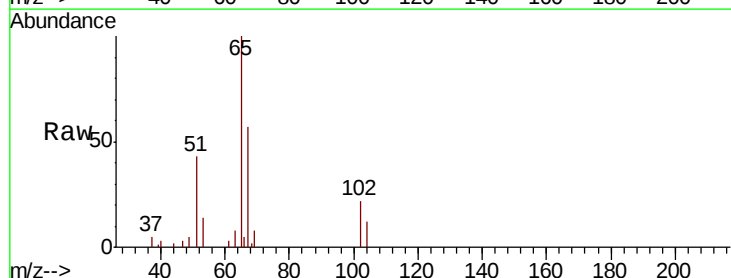
Acq: 25 Mar 2020 19:28

Tgt Ion: 65 Resp: 9815

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.17

5000

4000

3000

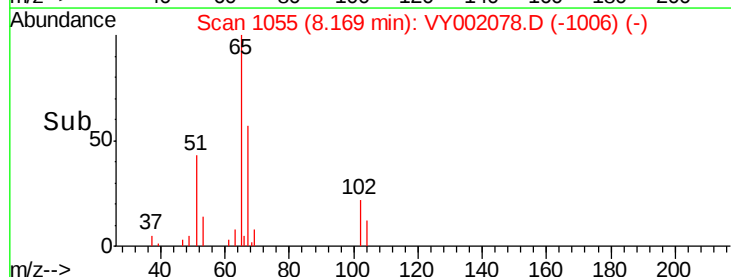
2000

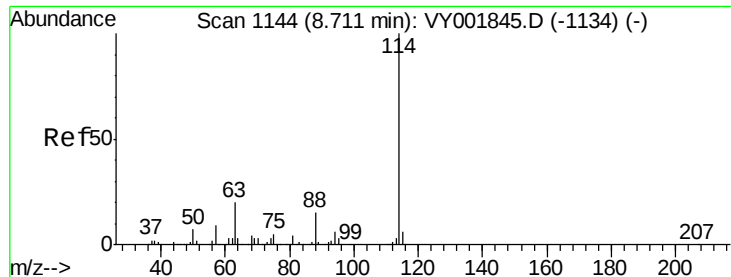
1000

0

8.10 8.15 8.20 8.25

Time-->

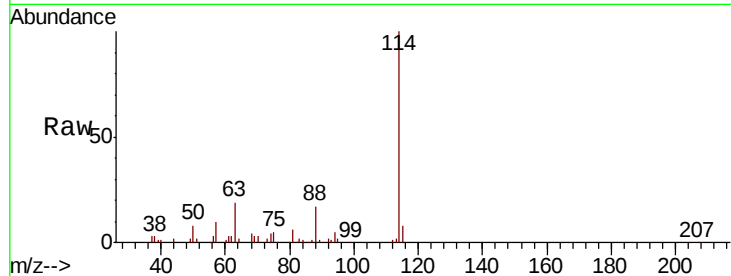




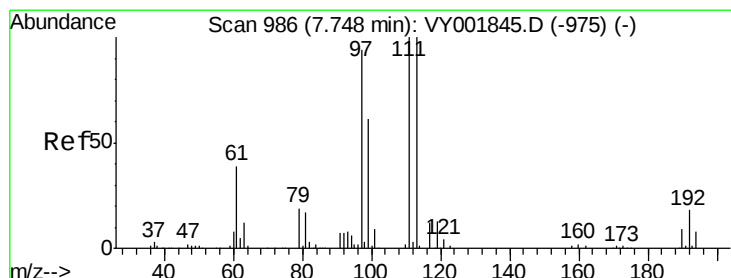
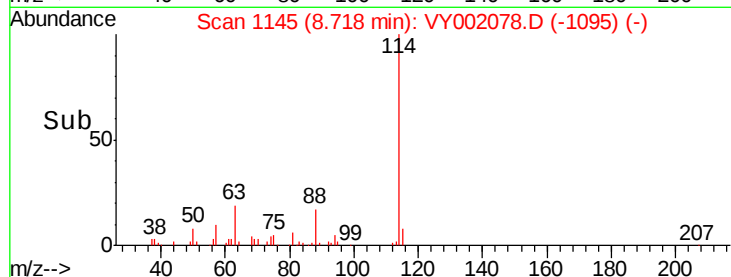
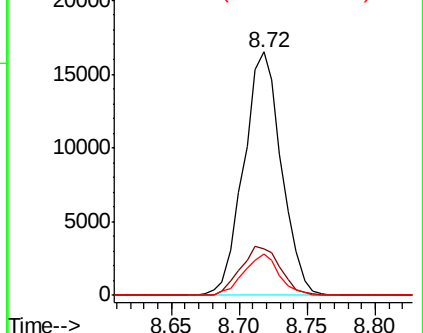
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY002078.D
Acq: 25 Mar 2020 19:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.4
88	16.9	0.0	30.4

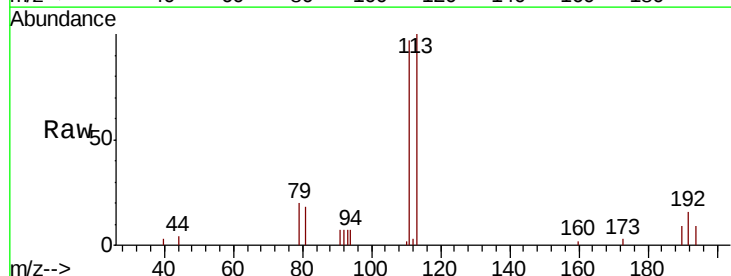


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

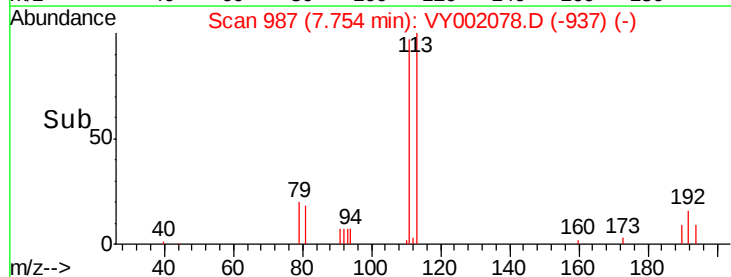
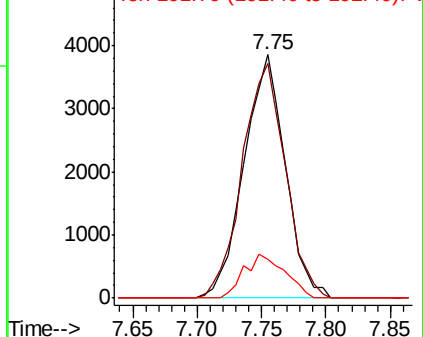


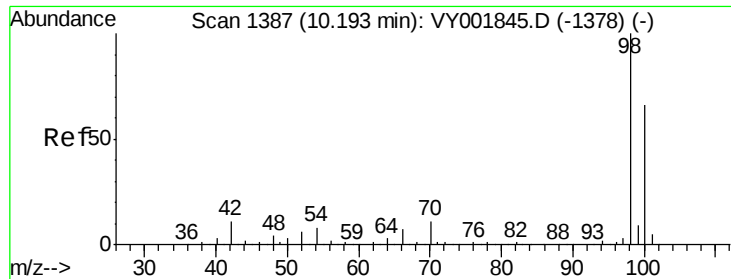
#35
Dibromofluoromethane
Concen: 48.810 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY002078.D
Acq: 25 Mar 2020 19:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.8
192	17.8	14.2	21.2



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: 51.965 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002078.D

Acq: 25 Mar 2020 19:28

Instrument :

MSVOA_Y

ClientSampleId :

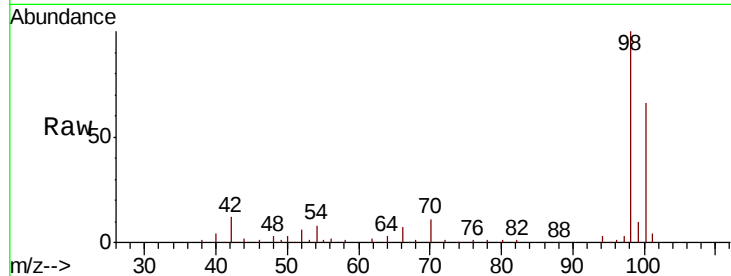
SB-02-1.0-1.5

Tot Ion: 98 Resp: 38357

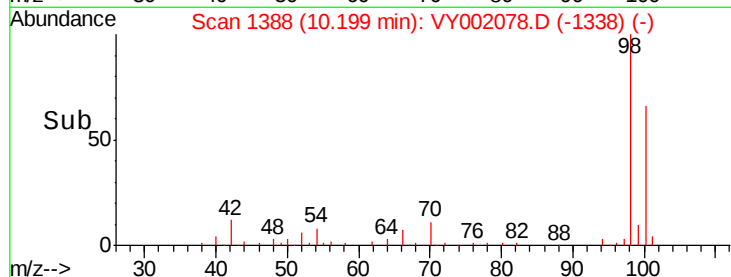
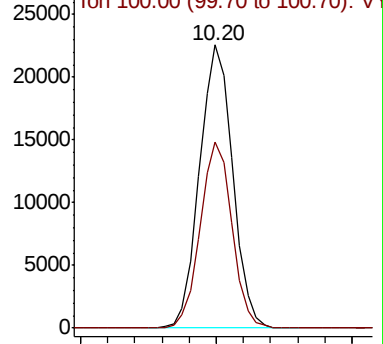
Ion Ratio Lower Upper

98 100

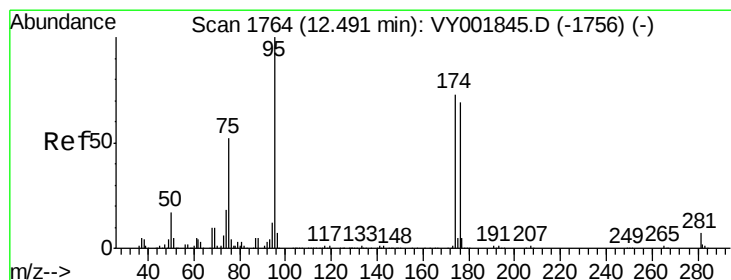
100 63.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 40.926 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002078.D

Acq: 25 Mar 2020 19:28

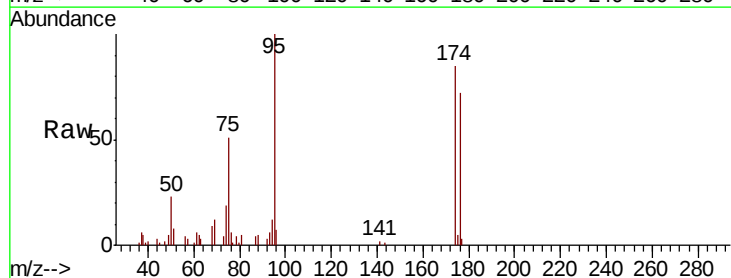
Tgt Ion: 95 Resp: 10504

Ion Ratio Lower Upper

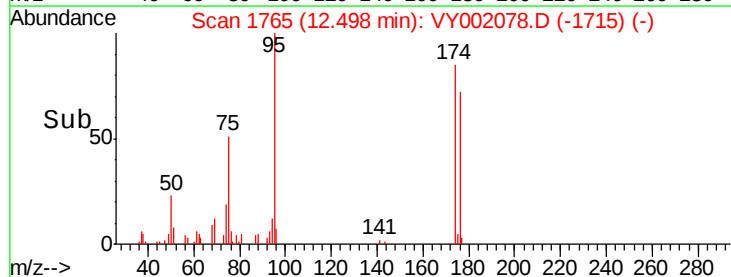
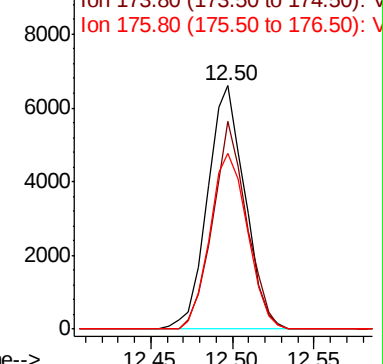
95 100

174 77.6 0.0 145.0

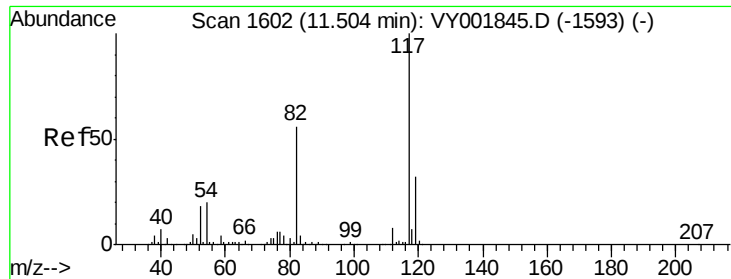
176 72.7 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)



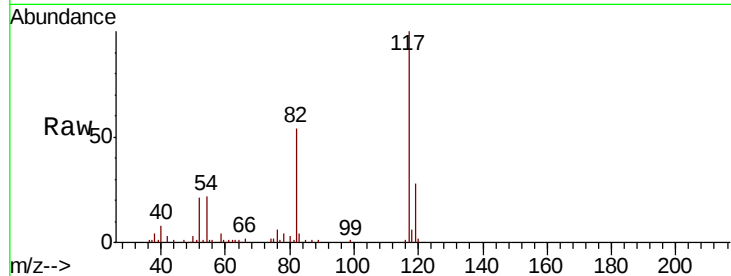
Time-->



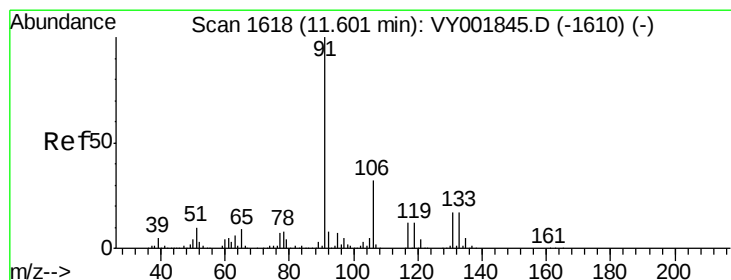
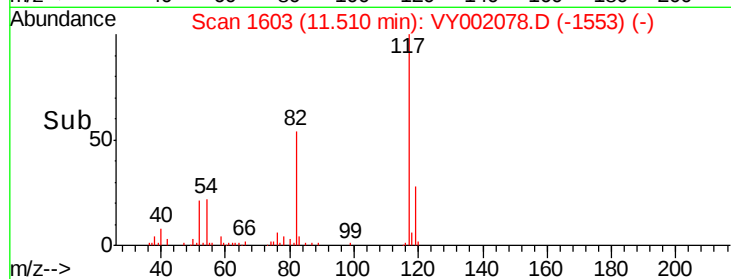
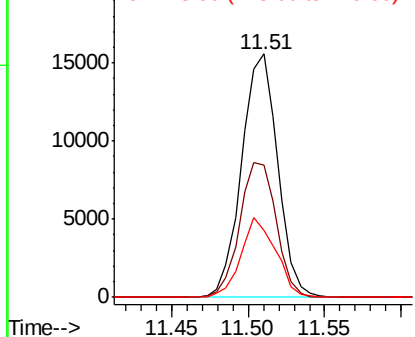
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002078.D
Acq: 25 Mar 2020 19:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tot Ion:117 Resp: 25470
Ion Ratio Lower Upper
117 100
82 54.4 44.5 66.7
119 27.6 25.7 38.5

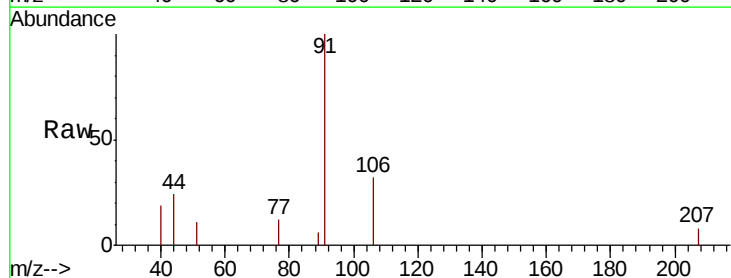


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

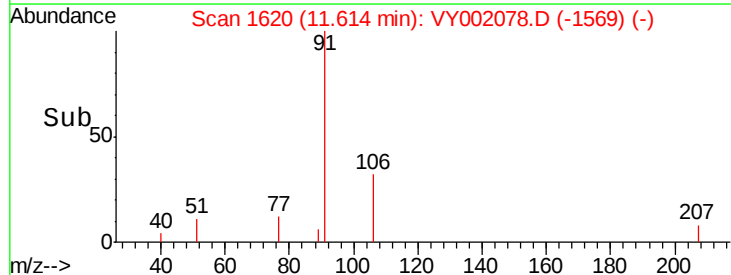
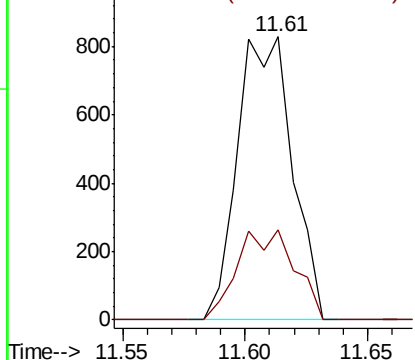


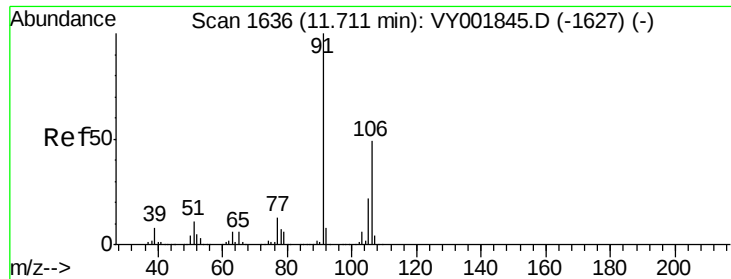
#67
Ethyl Benzene
Concen: 1.363 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY002078.D
Acq: 25 Mar 2020 19:28

Tgt Ion: 91 Resp: 1290
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V

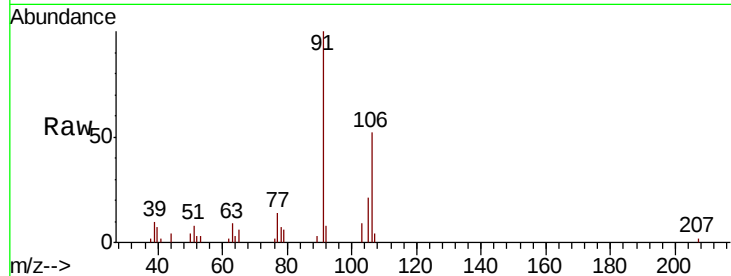




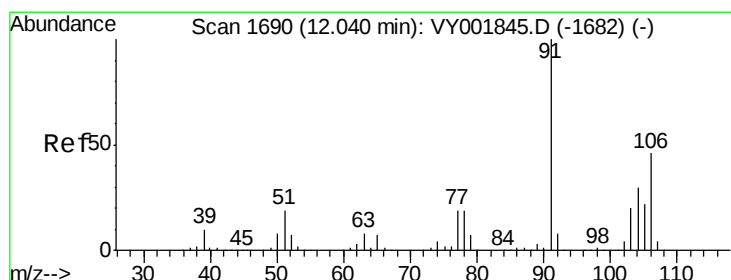
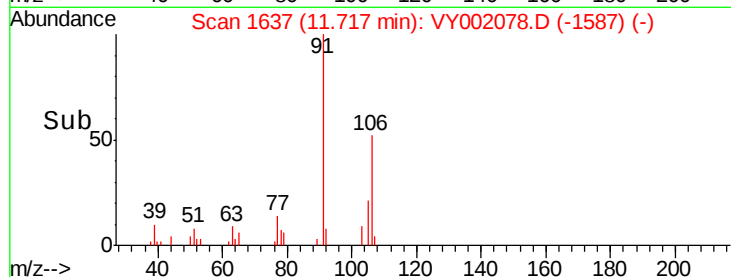
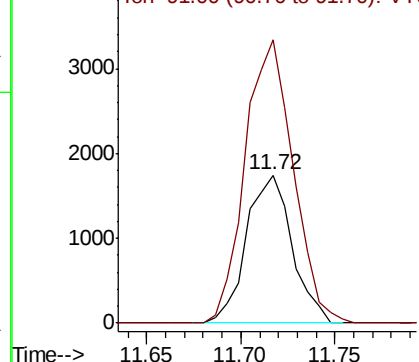
#68
m/p-Xylenes
Concen: 8.359 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002078.D
Acq: 25 Mar 2020 19:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-1.0-1.5

Tot Ion:106 Resp: 2925
Ion Ratio Lower Upper
106 100
91 201.8 161.3 241.9

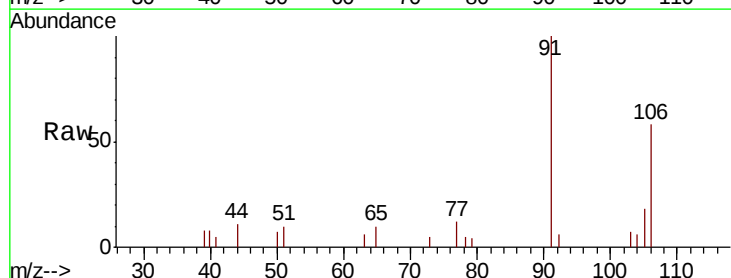


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

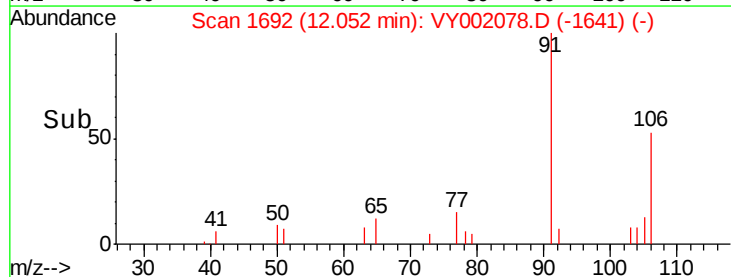
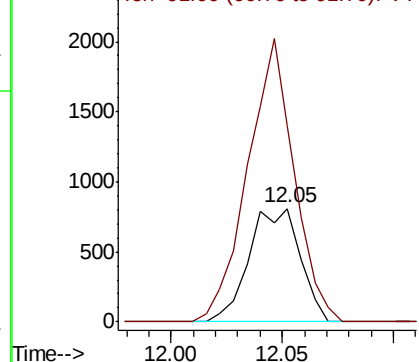


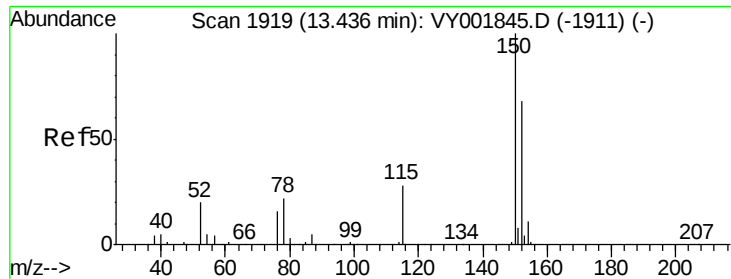
#69
o-Xylene
Concen: 3.914 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002078.D
Acq: 25 Mar 2020 19:28

Tgt Ion:106 Resp: 1291
Ion Ratio Lower Upper
106 100
91 227.3 106.8 320.4



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: VY002078.D

Acq: 25 Mar 2020 19:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-1.0-1.5

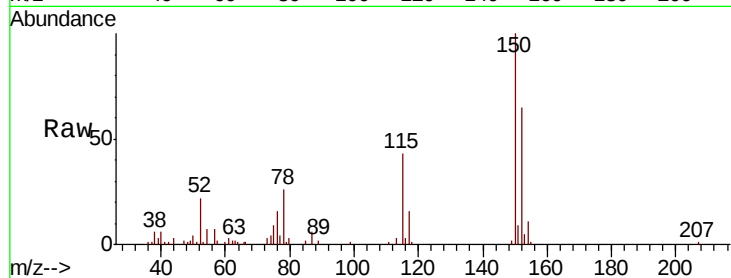
Tot Ion:152 Resp: 10155

Ion Ratio Lower Upper

152 100

115 67.0 29.9 89.7

150 159.7 0.0 340.6



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

