

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002136.D
 Acq On : 31 Mar 2020 16:21
 Operator : SY/MD
 Sample : L2054-02
 Misc : 4.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-107-1-2

Quant Time: Apr 01 05:19:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	120258	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	240181	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	223189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	95194	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	81842	61.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.12%	
35) Dibromofluoromethane	7.75	113	71479	53.11	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.22%	
50) Toluene-d8	10.19	98	291084	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.49	95	99393	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

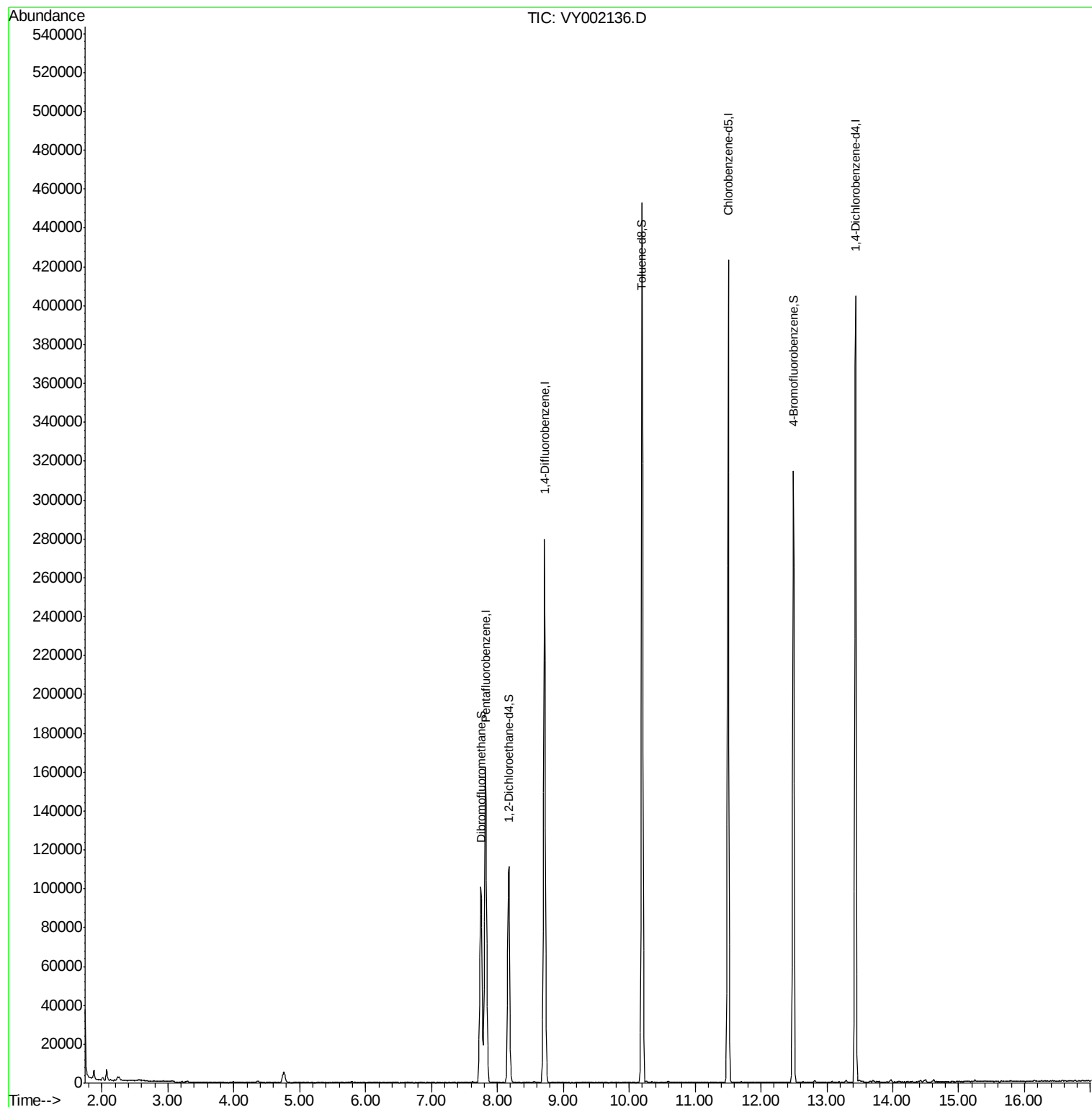
Target Compounds	Qvalue

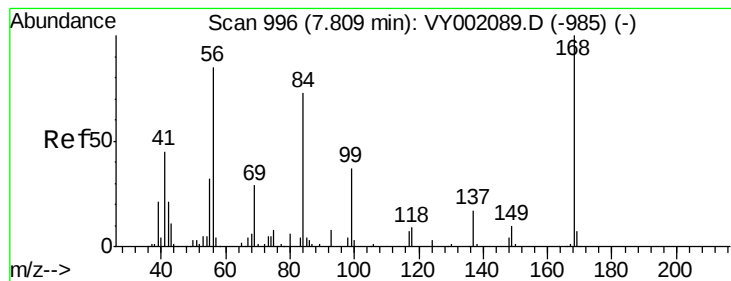
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

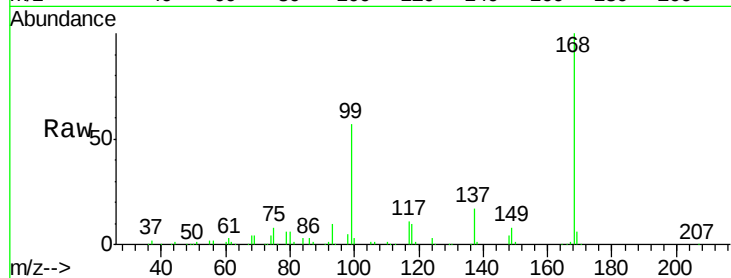
239-SB-107-1-2

Tot Ion:168 Resp: 120258

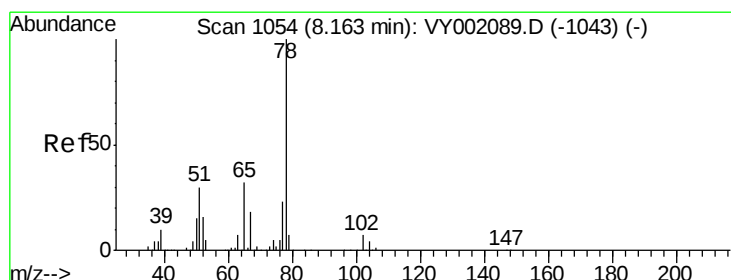
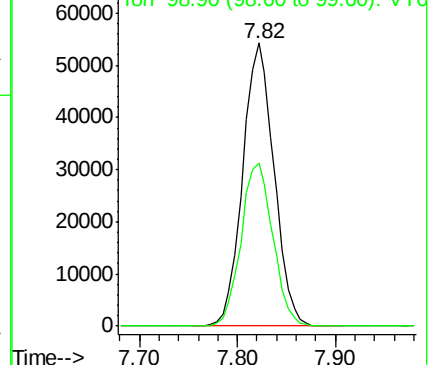
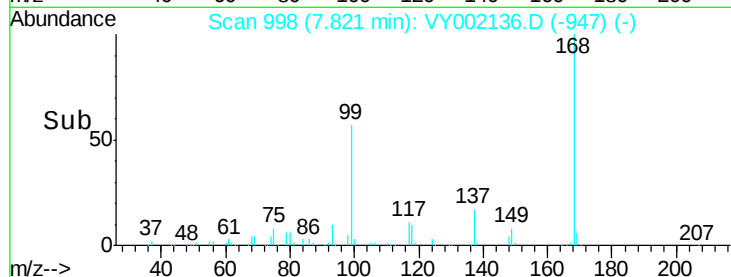
Ion Ratio Lower Upper

168 100

99 57.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002136.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.562 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002136.D

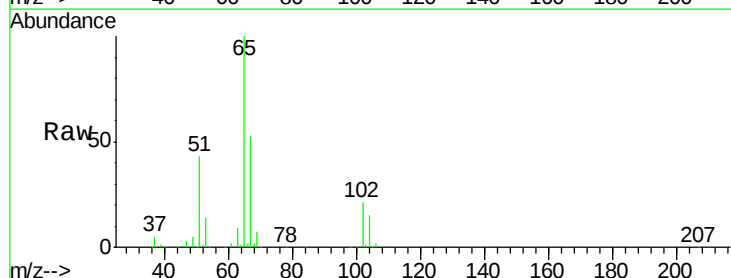
Acq: 31 Mar 2020 16:21

Tgt Ion: 65 Resp: 81842

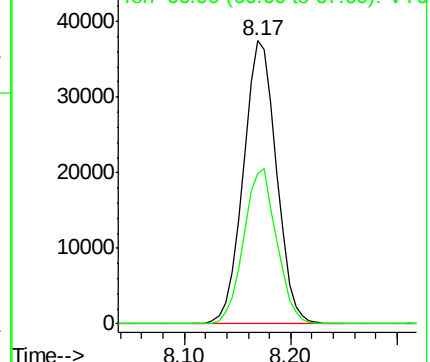
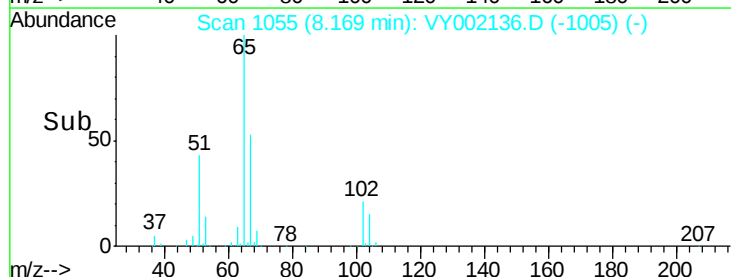
Ion Ratio Lower Upper

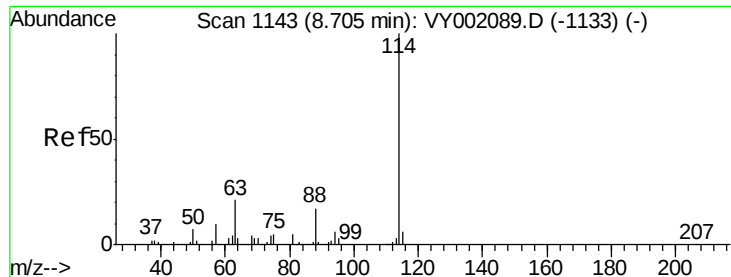
65 100

67 54.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002136.D (-1005) (-)

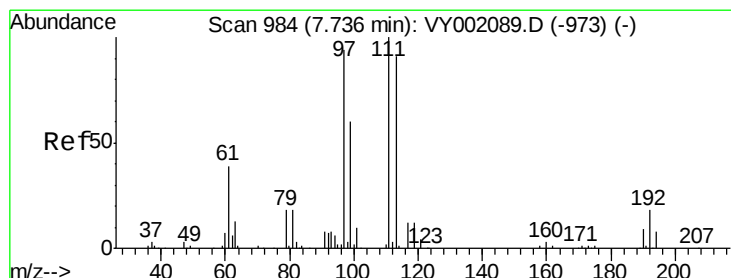
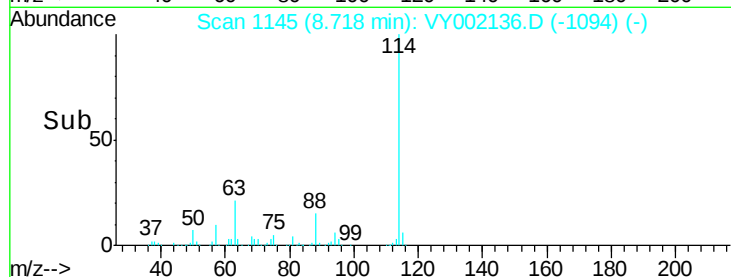
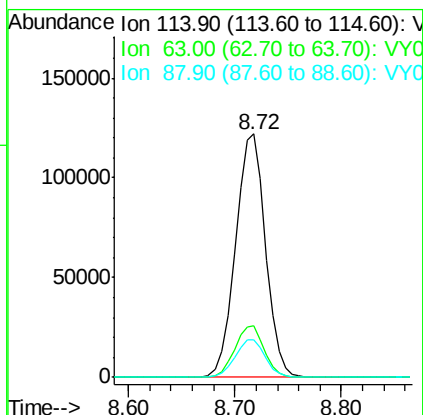
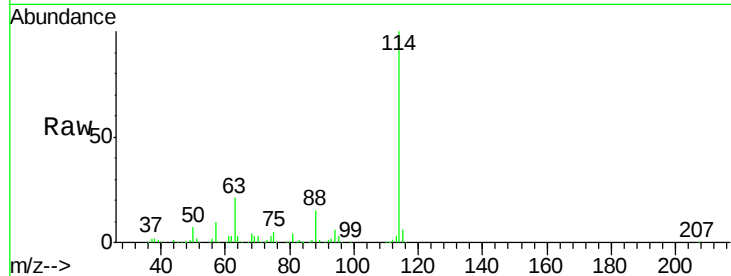




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002136.D
 Acq: 31 Mar 2020 16:21

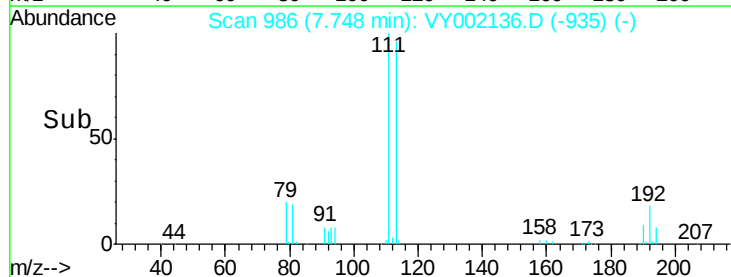
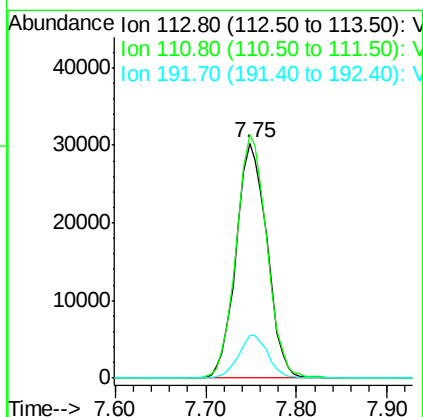
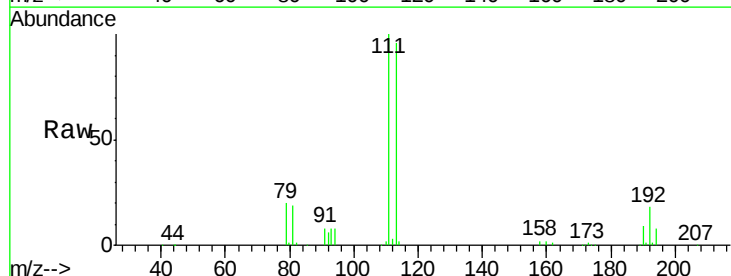
Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-107-1-2

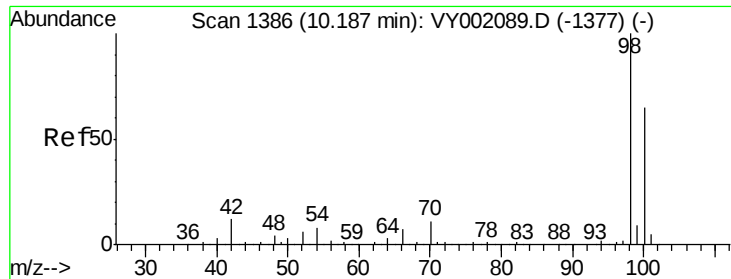
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.4
88	15.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 53.114 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002136.D
 Acq: 31 Mar 2020 16:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.4	126.6
192	17.6	14.6	21.8





#50

Toluene-d8

Concen: 52.066 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

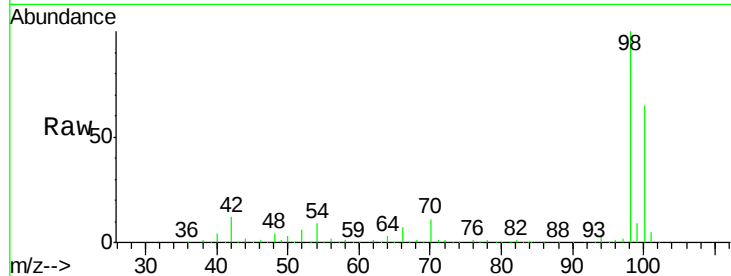
239-SB-107-1-2

Tot Ion: 98 Resp: 291084

Ion Ratio Lower Upper

98 100

100 66.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002136.D (-1337) (-)

10.19

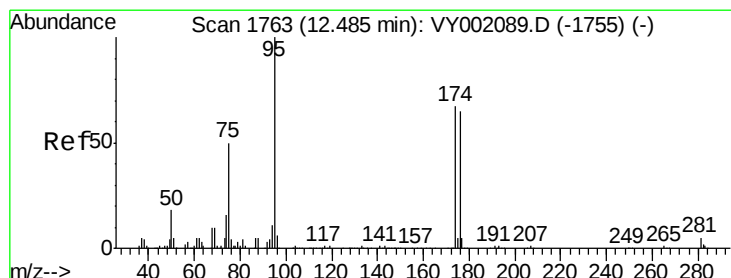
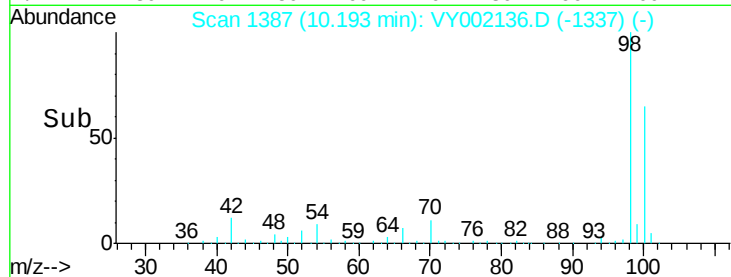
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.834 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

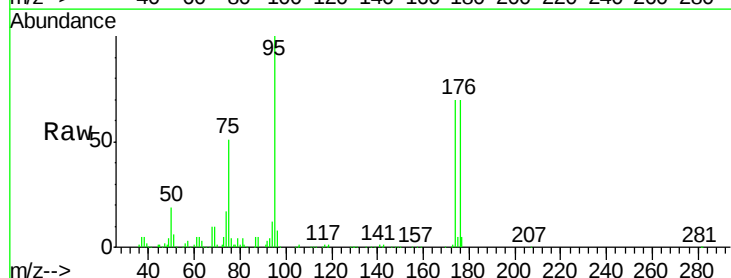
Tgt Ion: 95 Resp: 99393

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.4

176 70.9 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002136.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002136.D (-1714) (-)

12.49

80000

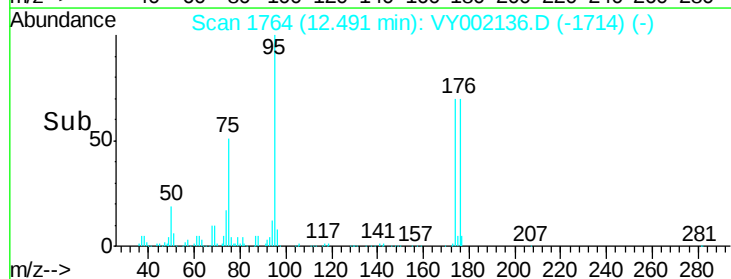
60000

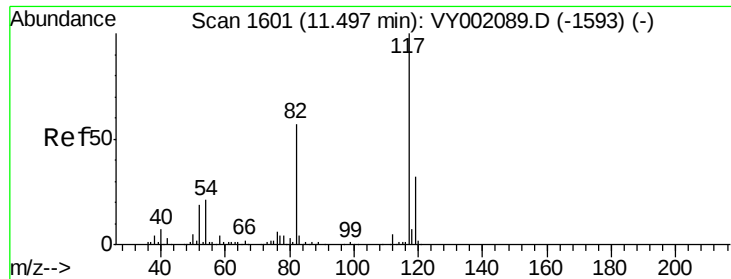
40000

20000

0

Time-->

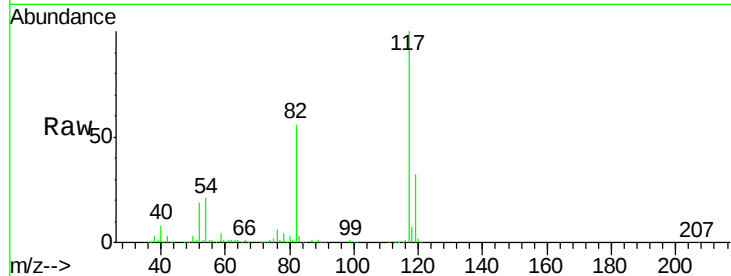




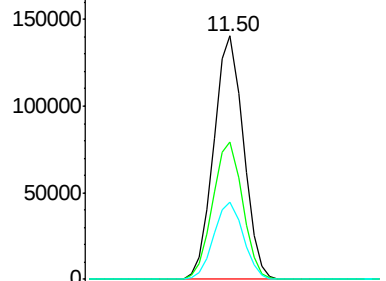
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :
239-SB-107-1-2

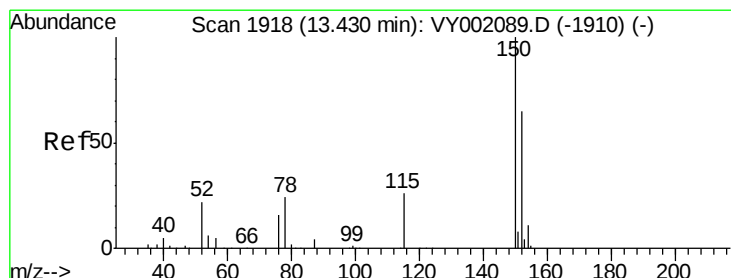
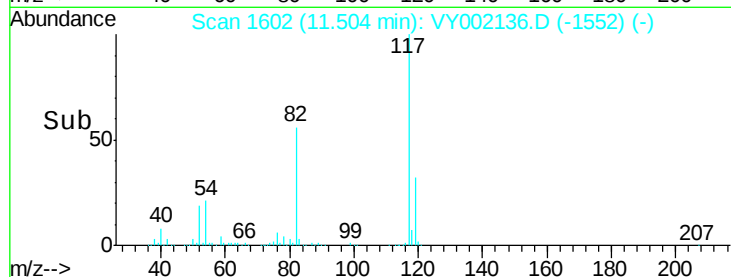
Tot Ion:117 Resp: 223189
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 31.5 25.3 37.9



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

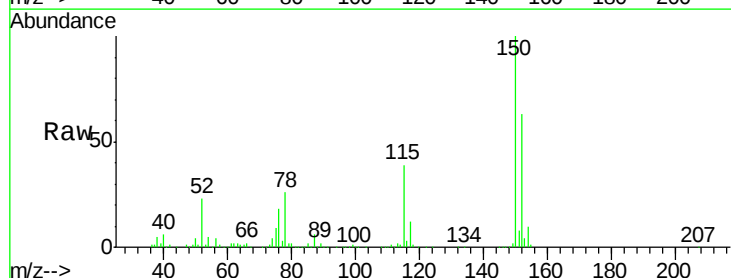


Time--> 11.40 11.50 11.60

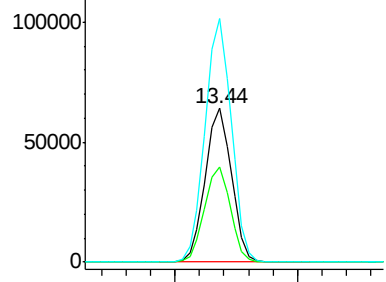


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Tgt Ion:152 Resp: 95194
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 158.2 0.0 354.8



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



Time--> 13.40 13.50

