

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000352.D
 Acq On : 18 Oct 2019 15:31
 Operator : SY/MD
 Sample : K5453-01
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT1496

Quant Time: Oct 19 01:25:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	451109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168686	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136723	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.73	113	125765	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	10.18	98	525351	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.49	95	167020	42.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.00%	

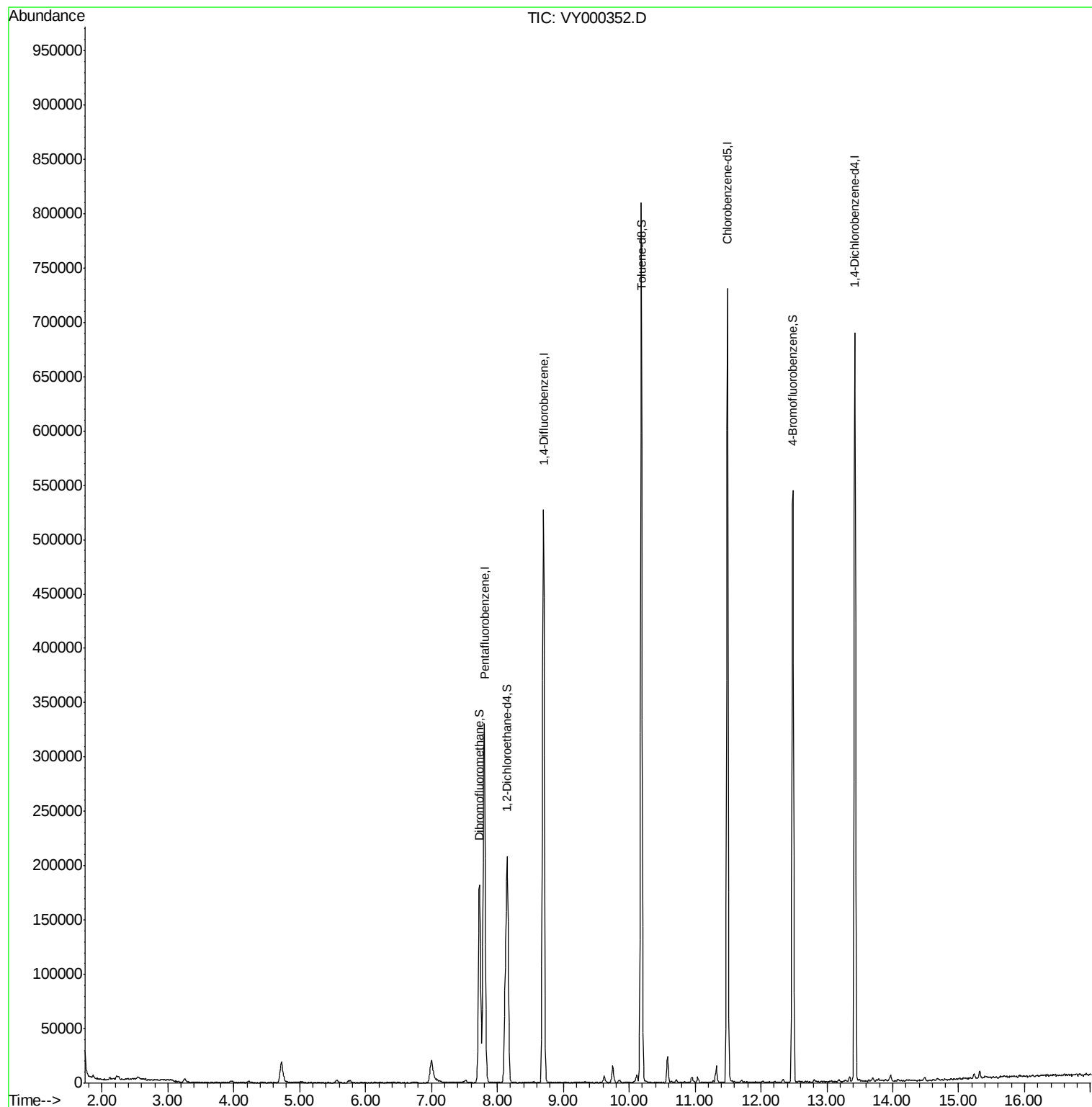
Target Compounds	Qvalue
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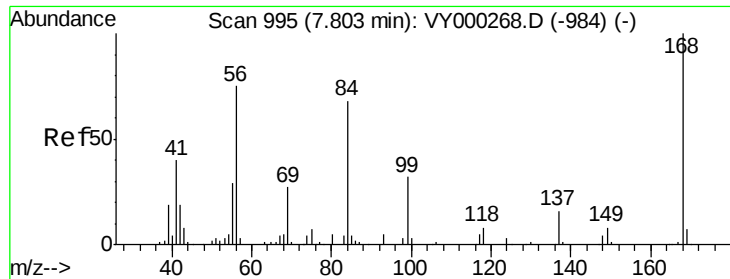
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000352.D

Acq: 18 Oct 2019 15:31

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MSVOA_Y

ClientSampleId :

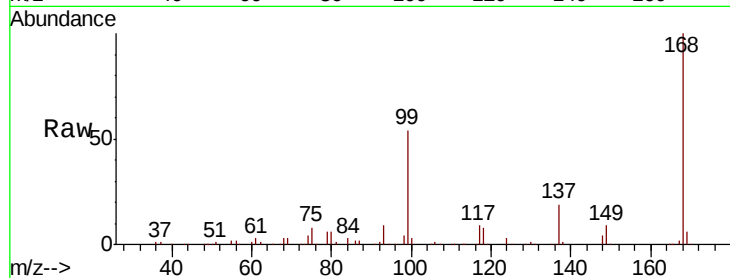
RT1496

Tot Ion:168 Resp: 264996

Ion Ratio Lower Upper

168 100

99 53.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000352.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000352.D (-946) (-)

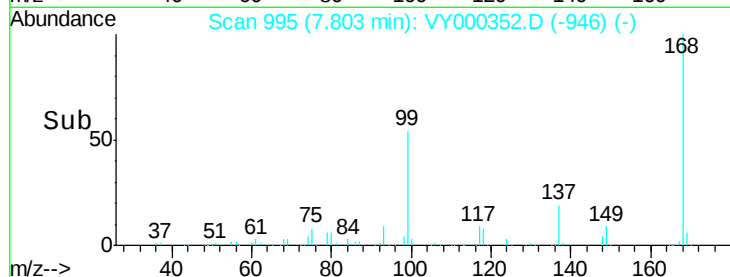
7.80

100000

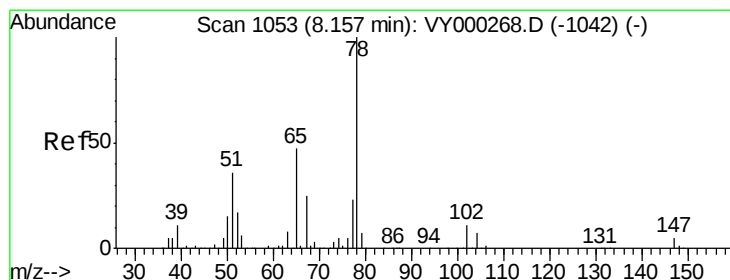
50000

0

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.912 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000352.D

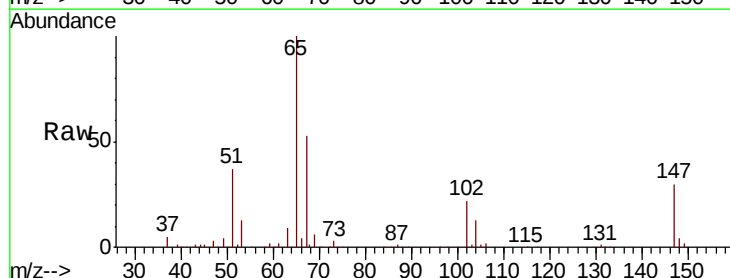
Acq: 18 Oct 2019 15:31

Tgt Ion: 65 Resp: 136723

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000352.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000352.D (-1004) (-)

8.15

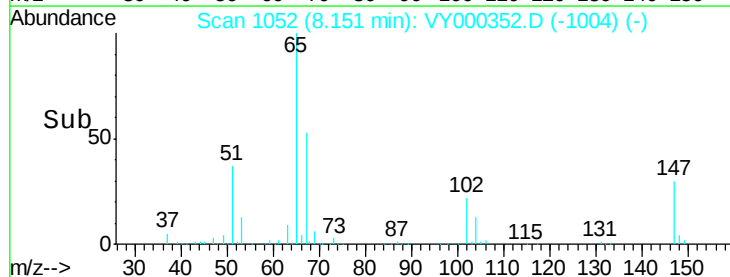
60000

40000

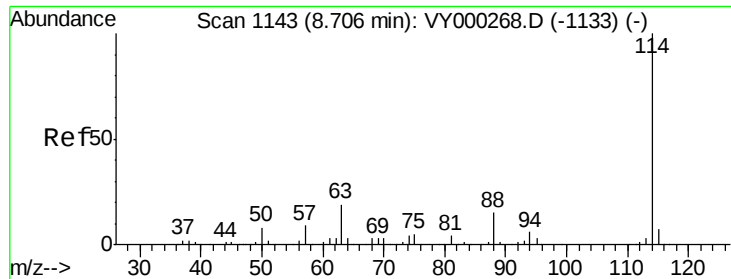
20000

0

Time-->



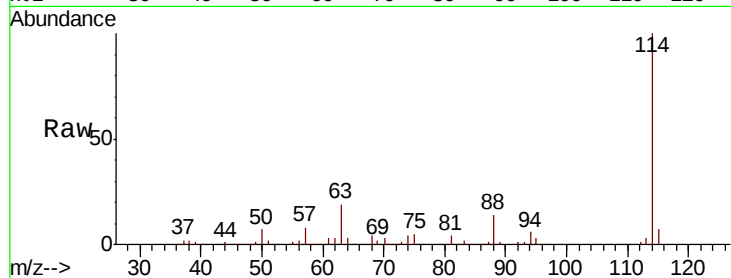
Time-->



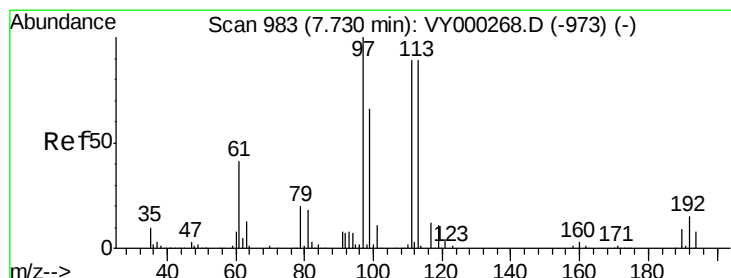
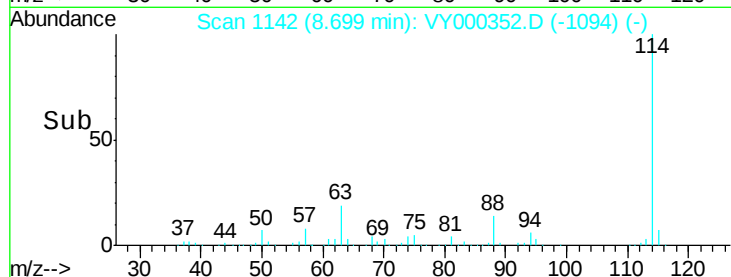
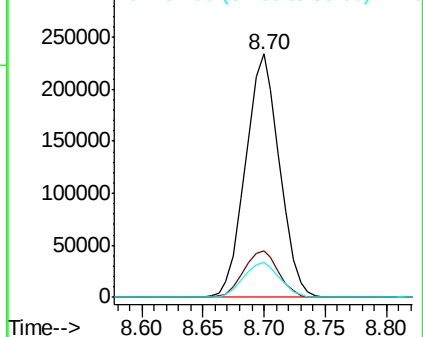
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000352.D
 Acq: 18 Oct 2019 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT1496

Tot Ion:114 Resp: 451109
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.2
 88 14.4 0.0 30.2

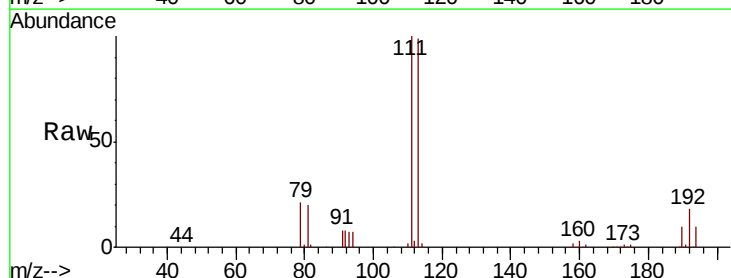


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

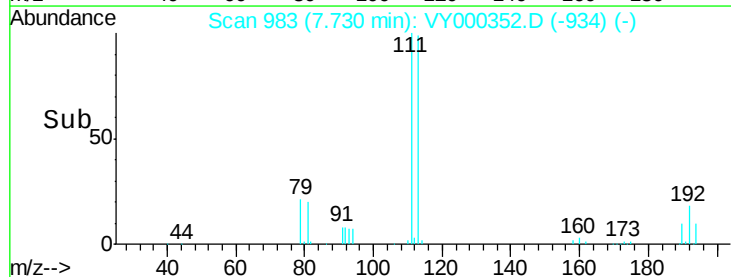
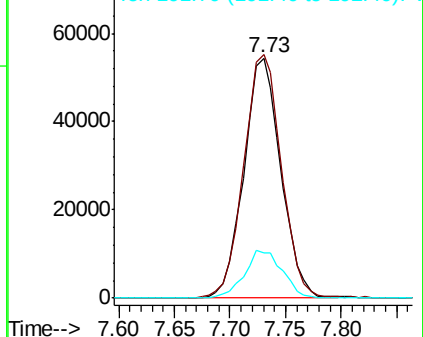


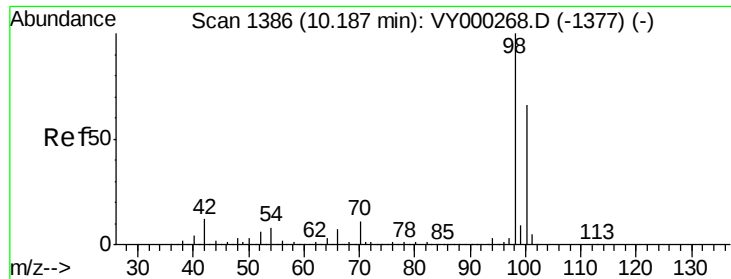
#35
 Dibromofluoromethane
 Concen: 46.218 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000352.D
 Acq: 18 Oct 2019 15:31

Tgt Ion:113 Resp: 125765
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.6 122.4
 192 20.2 15.3 22.9



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: 50.189 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000352.D

Acq: 18 Oct 2019 15:31

Instrument :

MSVOA_Y

ClientSampleId :

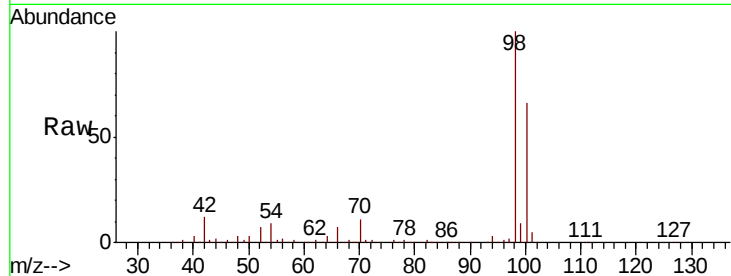
RT1496

Tot Ion: 98 Resp: 525351

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

300000

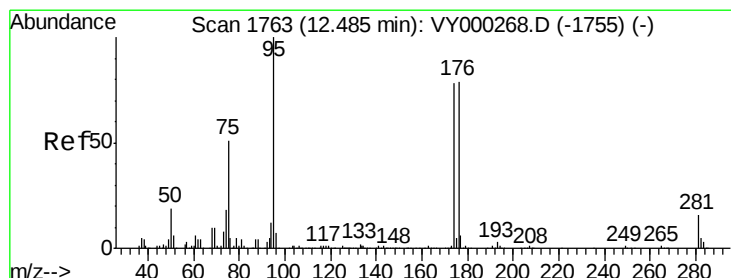
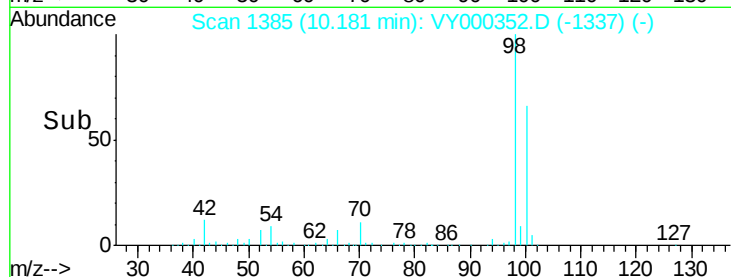
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 42.000 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY000352.D

Acq: 18 Oct 2019 15:31

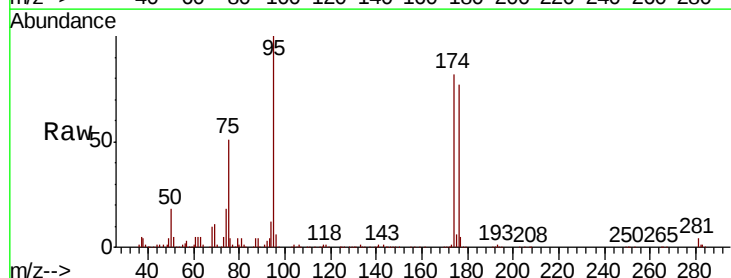
Tgt Ion: 95 Resp: 167020

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.6

176 78.4 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

150000

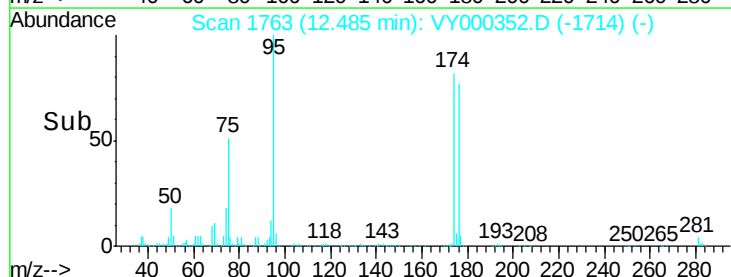
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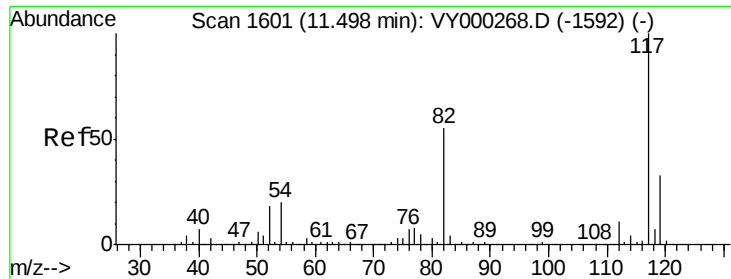
50000

0

Time-->

12.40 12.50

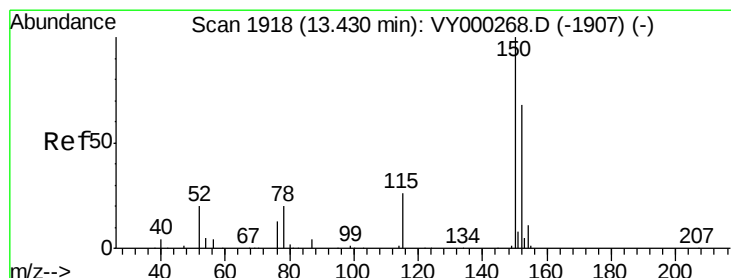
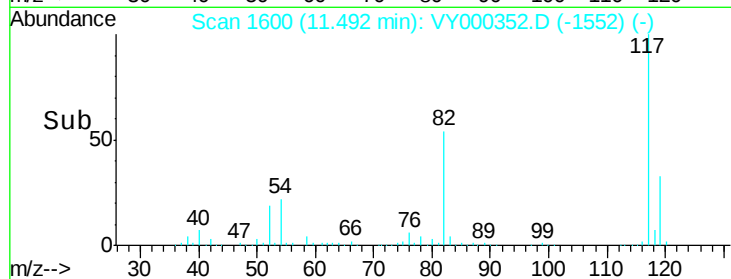
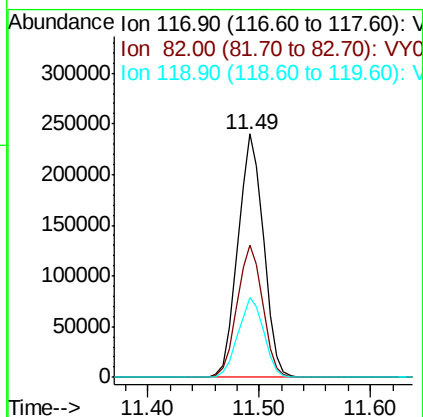
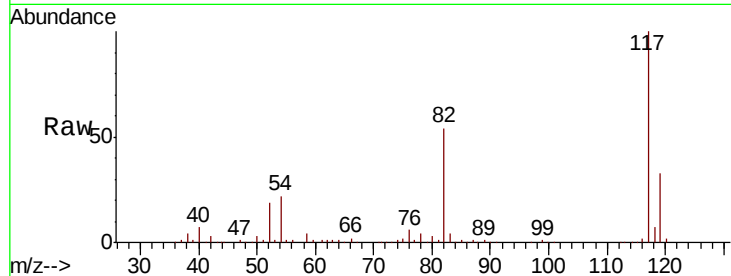




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000352.D
Acq: 18 Oct 2019 15:31

Instrument :
MSVOA_Y
ClientSampled :
RT1496

Tot Ion:117 Resp: 381095
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000352.D
Acq: 18 Oct 2019 15:31

Tgt Ion:152 Resp: 168686
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 158.3 0.0 348.4

