

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032020\
 Data File : VY002037.D
 Acq On : 20 Mar 2020 15:12
 Operator : SY/MD
 Sample : L1994-01
 Misc : 7.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-(6-7)

Quant Time: Mar 23 07:37:19 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	7.80	168	139218	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	269924	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	245413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	83501	56.18	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	112.36%	
35) Dibromofluoromethane	7.73	113	78610	53.33	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	106.66%	
50) Toluene-d8	10.19	98	328739	52.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	110003	50.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.80%	

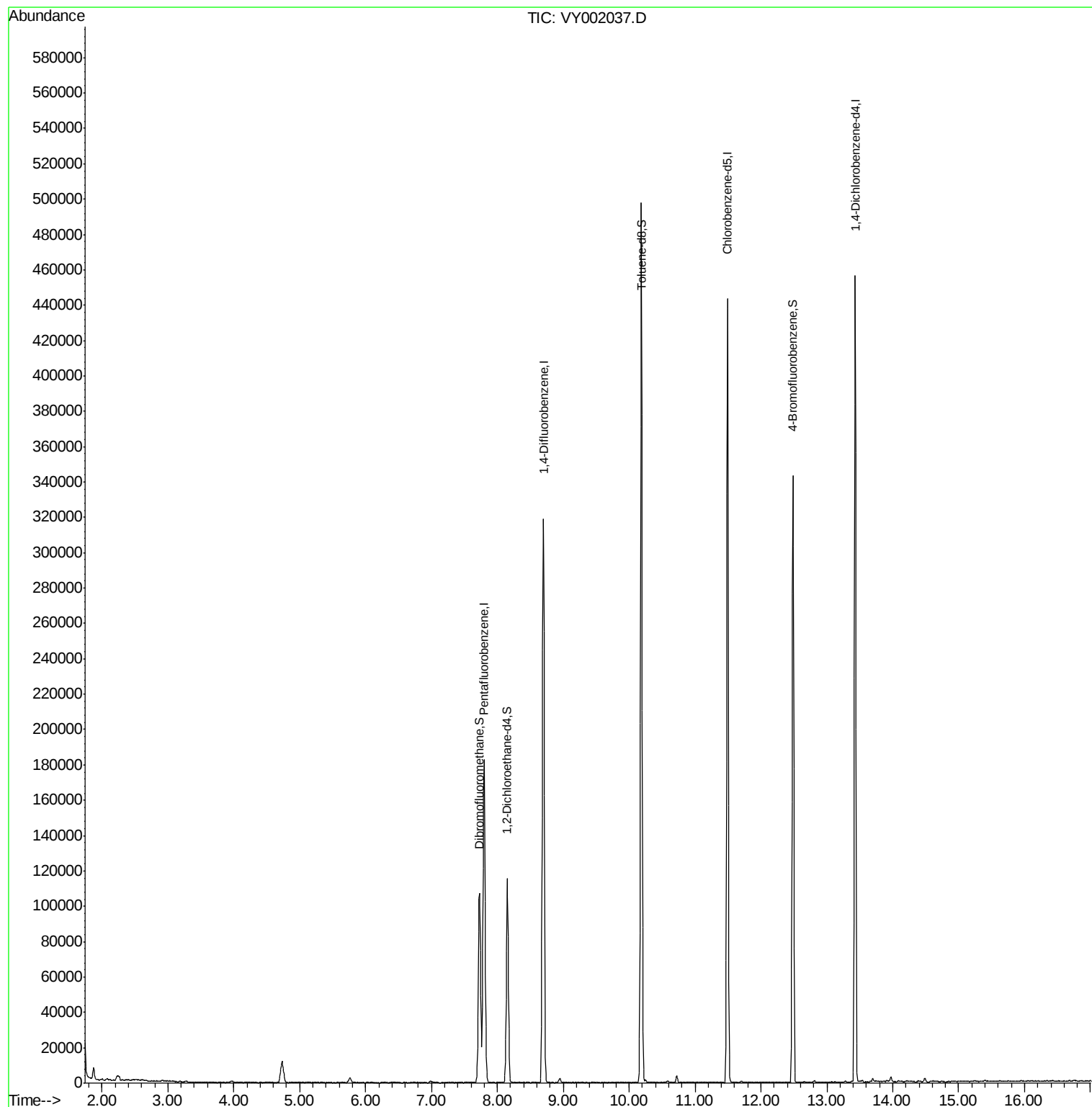
Target Compounds	Qvalue

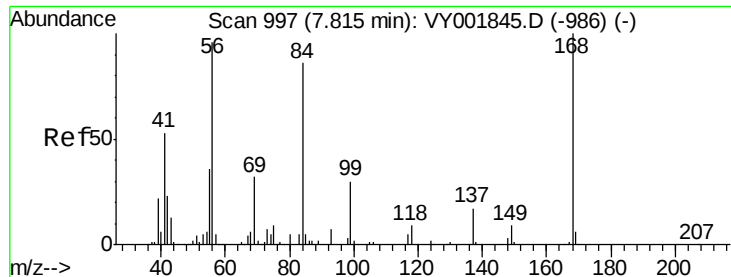
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

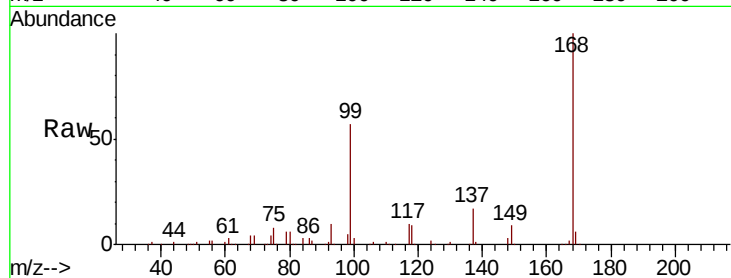
TP-4-(6-7)

Tot Ion:168 Resp: 139218

Ion Ratio Lower Upper

168 100

99 56.9 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) (-)

7.80

60000

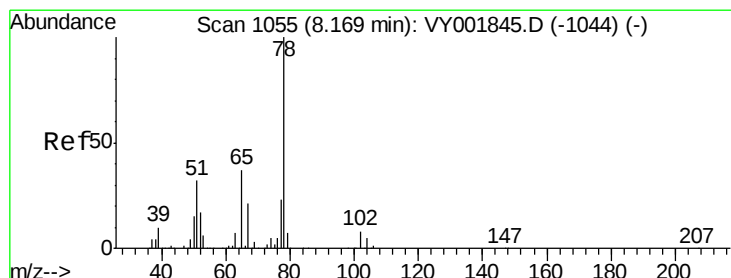
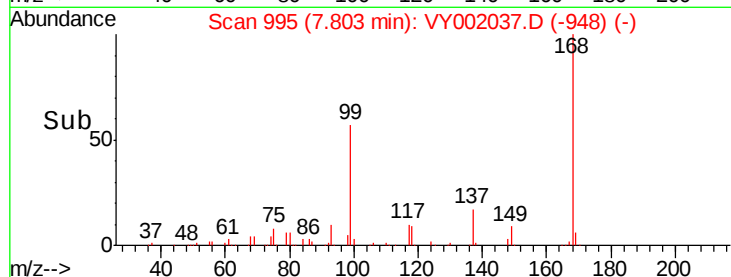
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.183 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002037.D

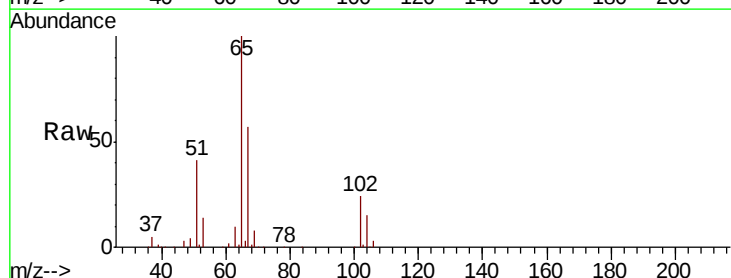
Acq: 20 Mar 2020 15:12

Tgt Ion: 65 Resp: 83501

Ion Ratio Lower Upper

65 100

67 56.1 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) (-)

8.15

40000

30000

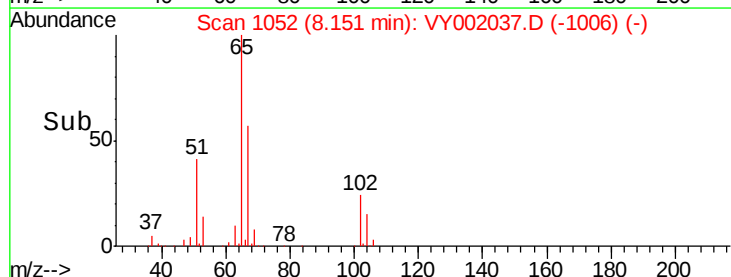
20000

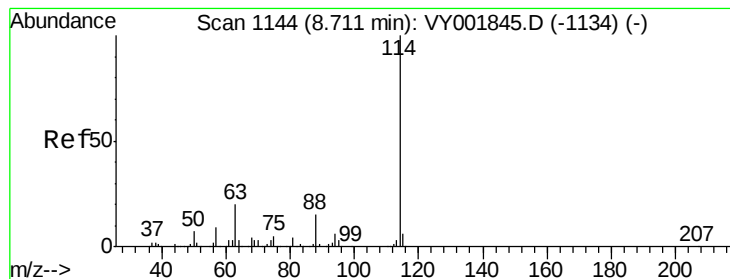
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-(6-7)

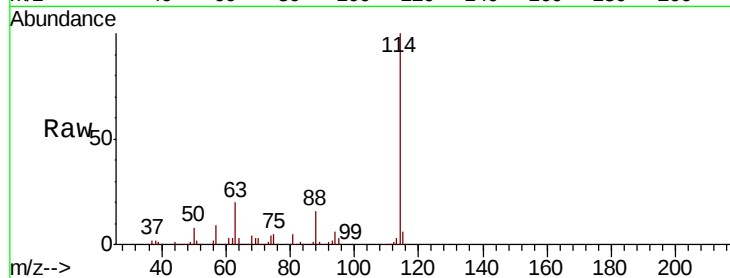
Tot Ion:114 Resp: 269924

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

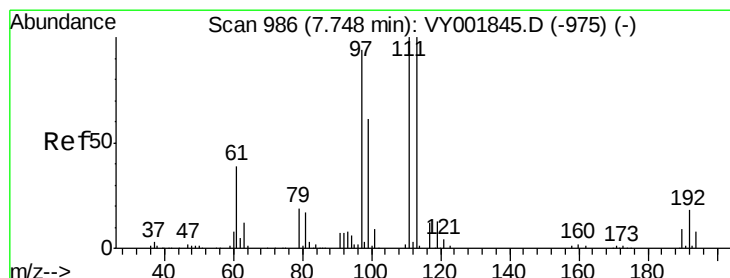
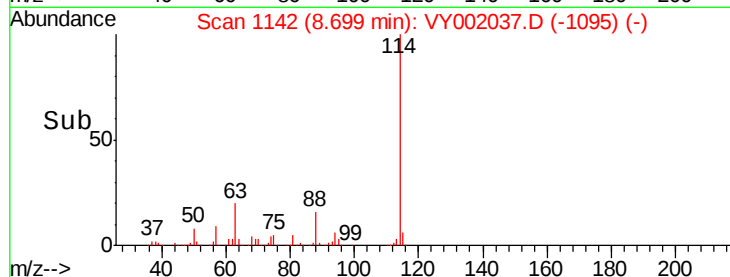
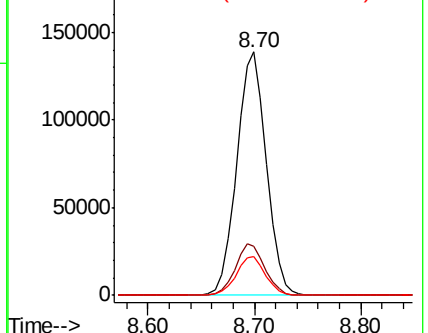
88 15.8 0.0 30.4



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: 53.334 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

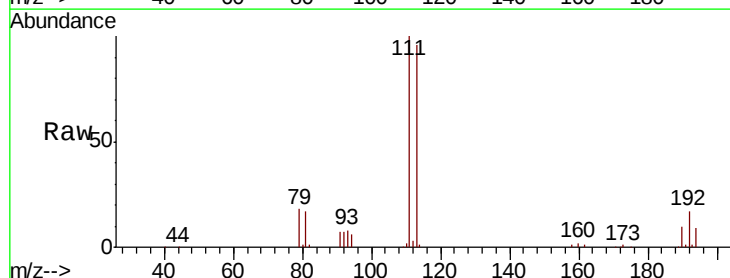
Tgt Ion:113 Resp: 78610

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

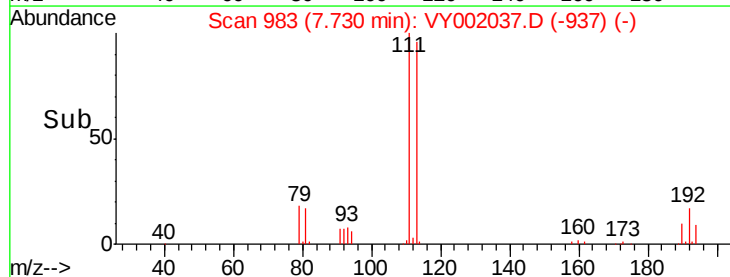
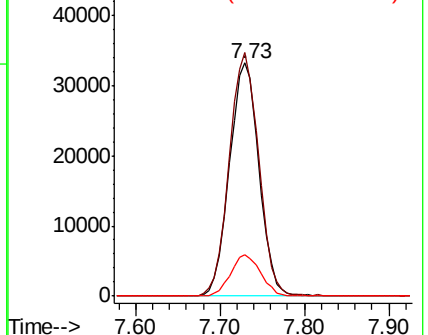
192 17.8 14.2 21.2

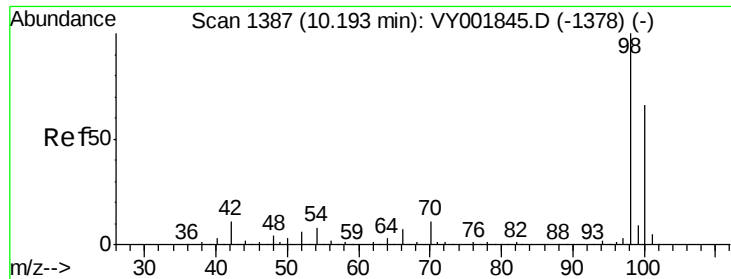


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.893 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

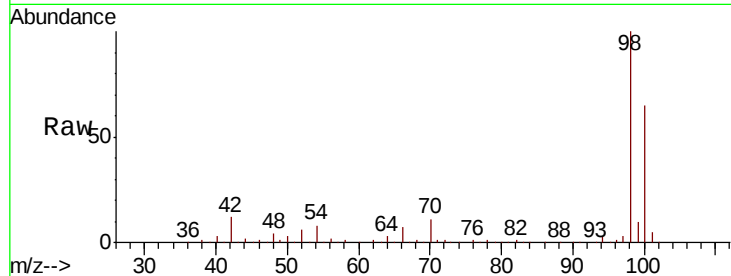
TP-4-(6-7)

Tot Ion: 98 Resp: 328739

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

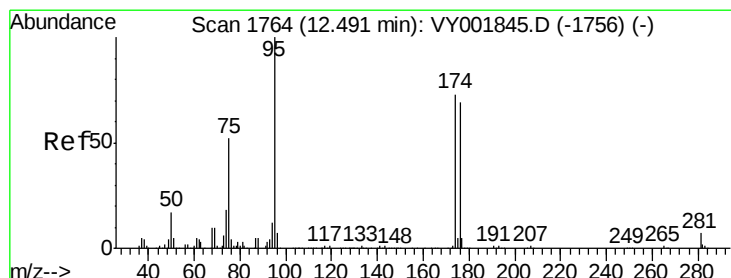
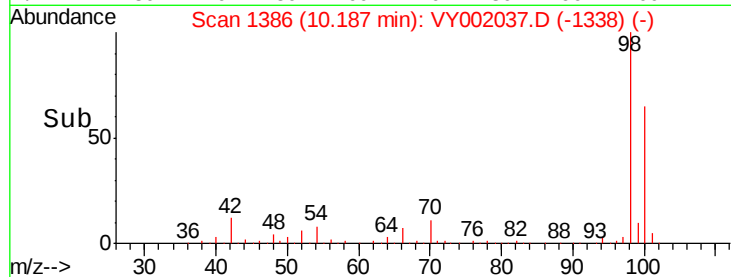
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.901 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

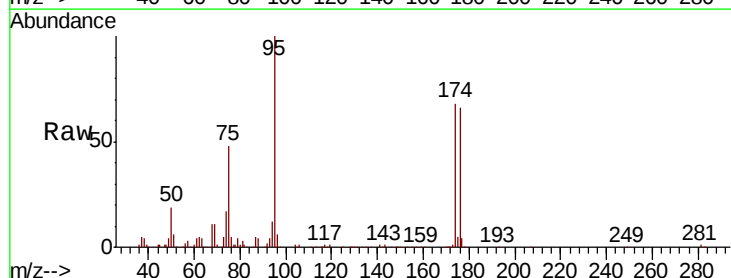
Tgt Ion: 95 Resp: 110003

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

176 70.9 0.0 137.4



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

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

100000

80000

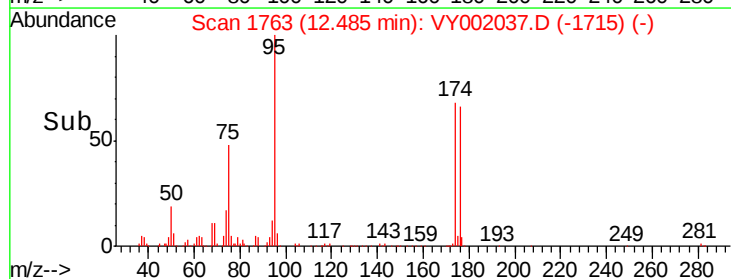
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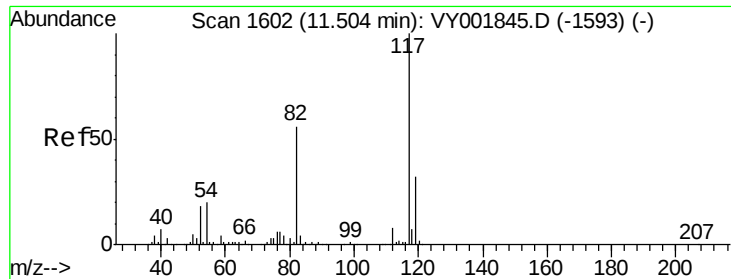
40000

20000

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Time-->

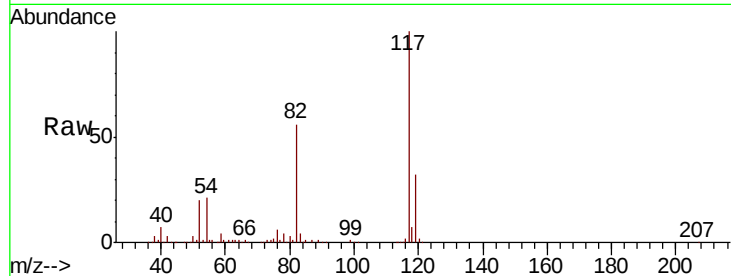




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002037.D
Acq: 20 Mar 2020 15:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-(6-7)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.5	66.7
119	31.8	25.7	38.5

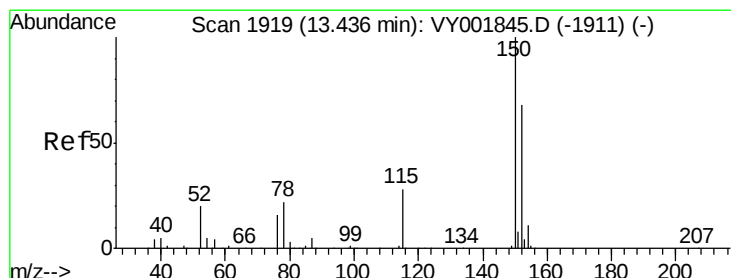
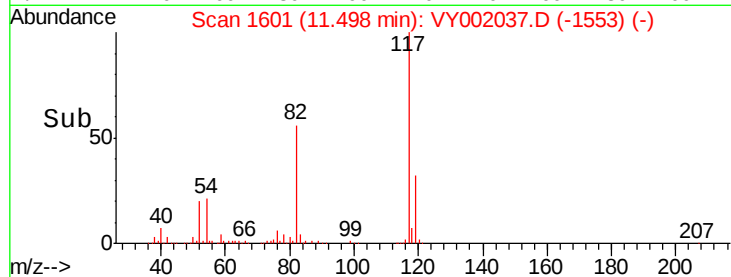
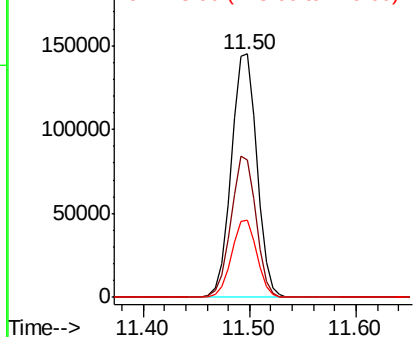


Abundance

Ion 116.90 (116.60 to 117.60): V

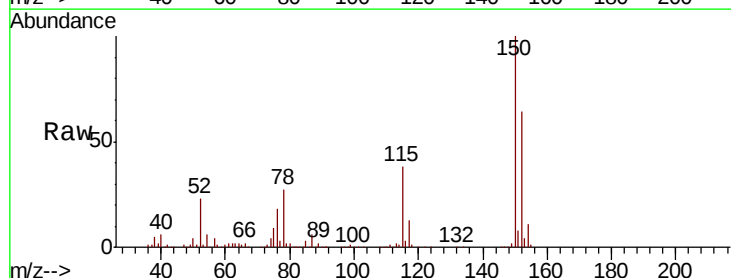
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002037.D
Acq: 20 Mar 2020 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.9	89.7
150	156.5	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

