

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001865.D
 Acq On : 04 Mar 2020 19:34
 Operator : SY/MD
 Sample : L1778-16
 Misc : 7.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S7

Quant Time: Mar 05 05:38:42 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	137142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	264658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	223746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	75717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	86884	59.34	ug/l	0.00
Spiked Amount						
			Recovery	=	118.68%	
35) Dibromofluoromethane	7.75	113	78500	54.32	ug/l	0.00
Spiked Amount						
			Recovery	=	108.64%	
50) Toluene-d8	10.19	98	319708	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	91903	43.37	ug/l	0.00
Spiked Amount						
			Recovery	=	86.74%	

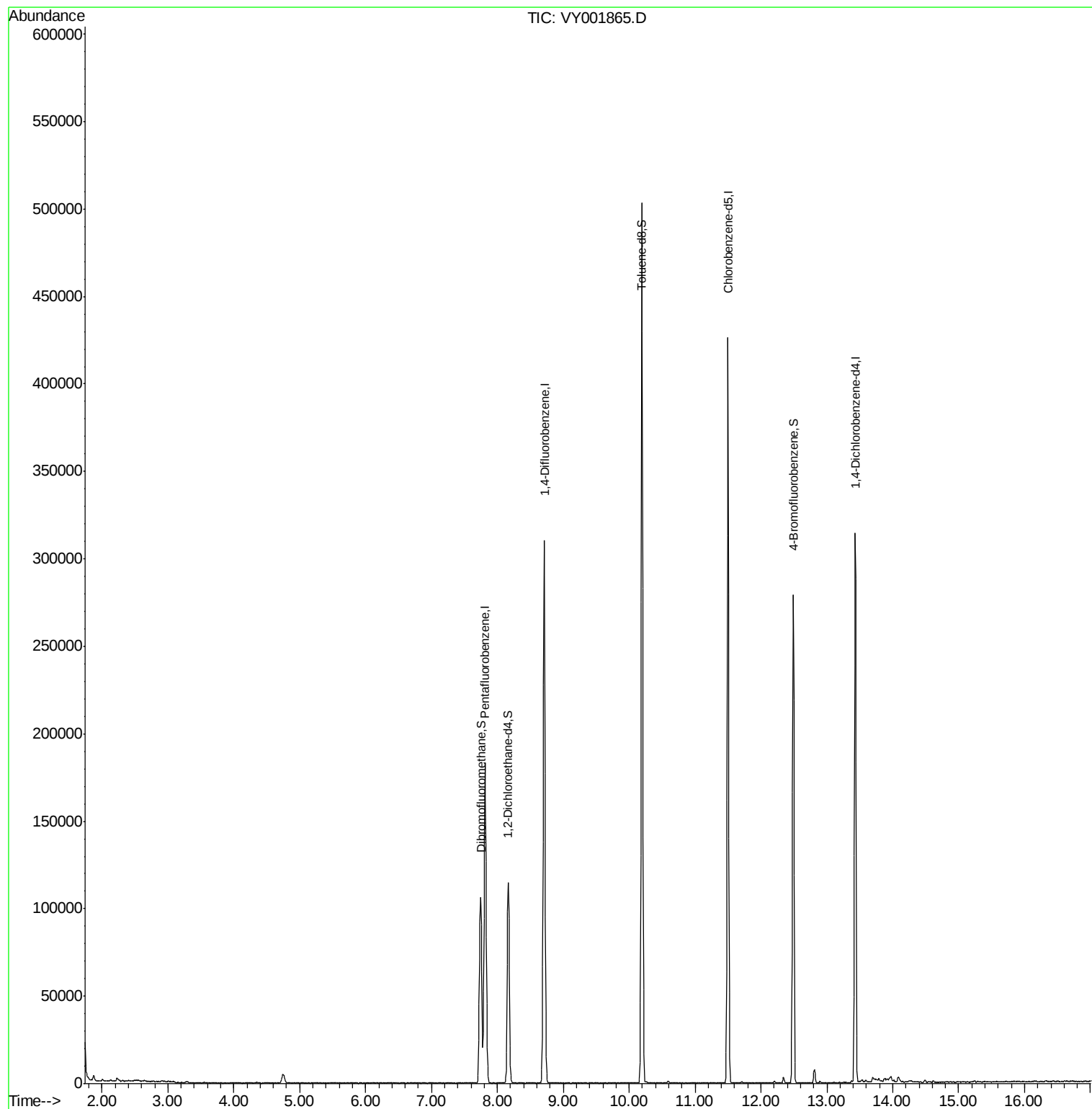
Target Compounds	Qvalue
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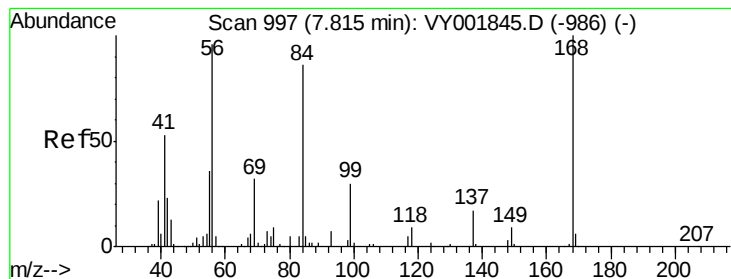
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

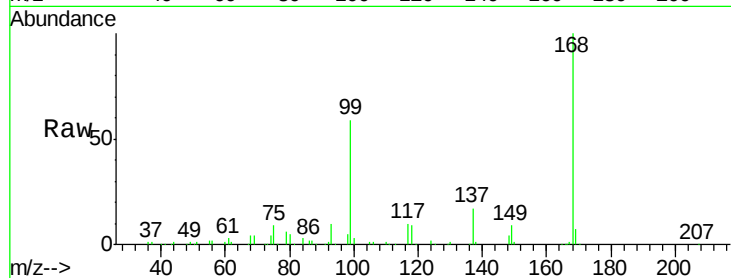
S7

Tot Ion:168 Resp: 137142

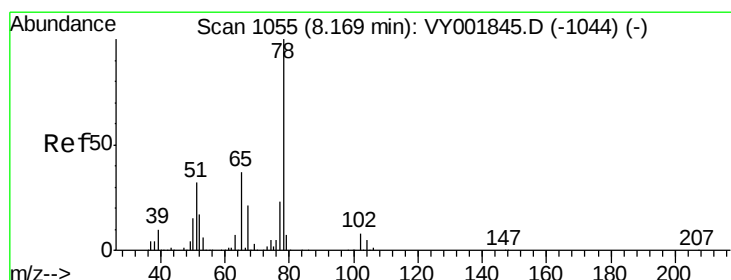
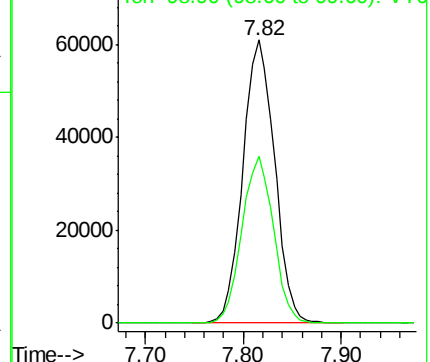
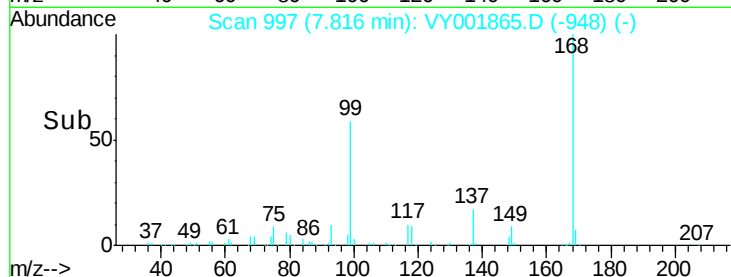
Ion Ratio Lower Upper

168 100

99 59.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001865.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.344 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001865.D

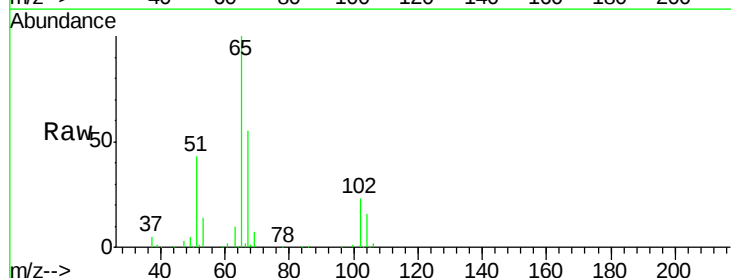
Acq: 04 Mar 2020 19:34

Tgt Ion: 65 Resp: 86884

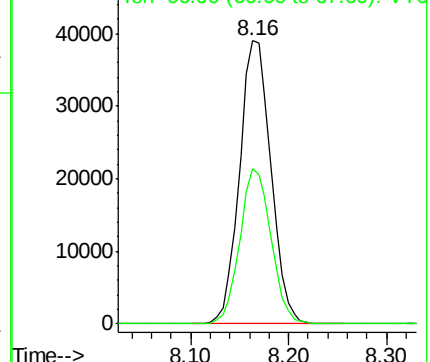
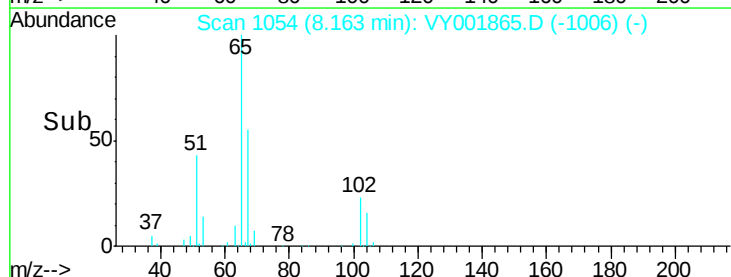
Ion Ratio Lower Upper

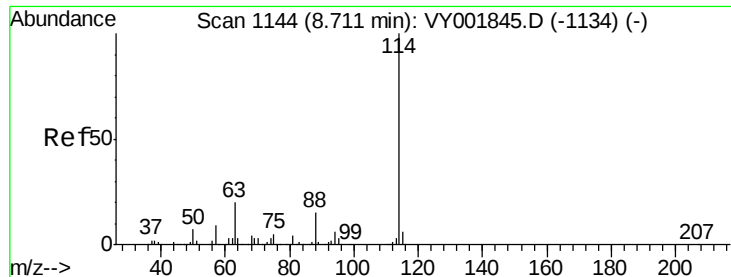
65 100

67 54.4 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001865.D (-1006) (-)

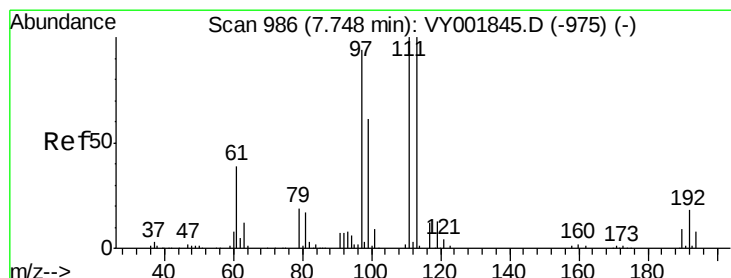
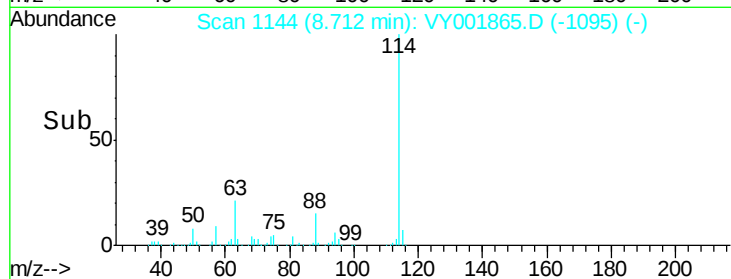
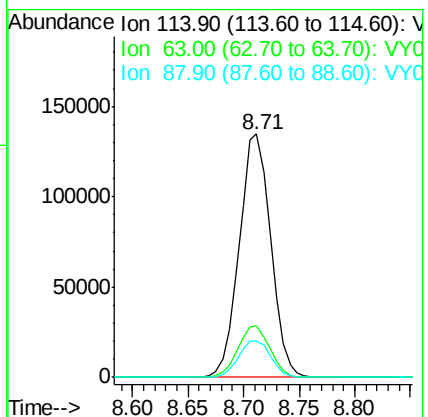
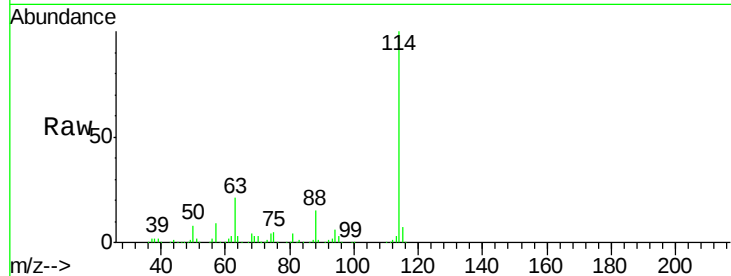




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001865.D
 Acq: 04 Mar 2020 19:34

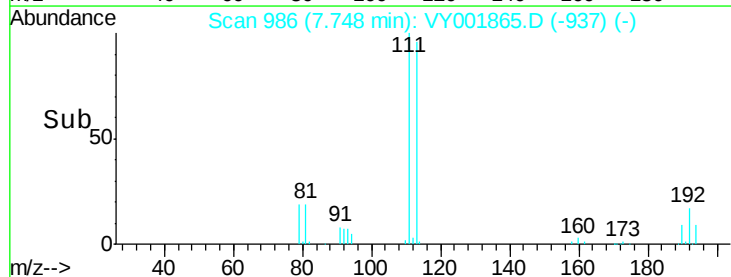
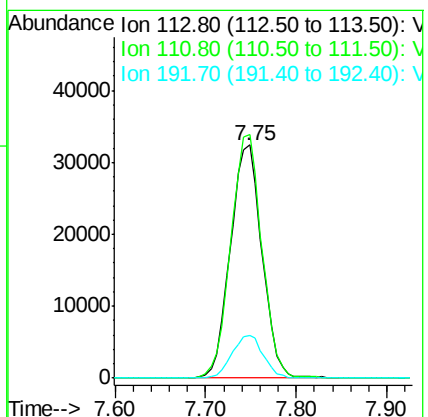
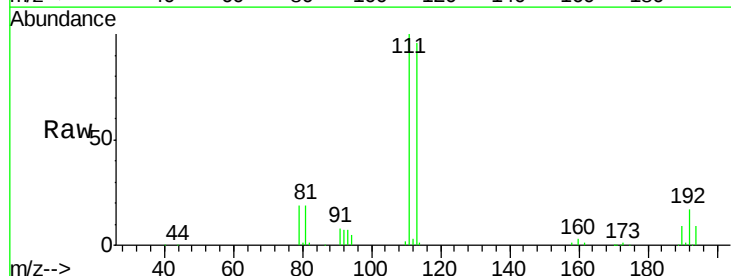
Instrument :
 MSVOA_Y
 ClientSampleId :
 S7

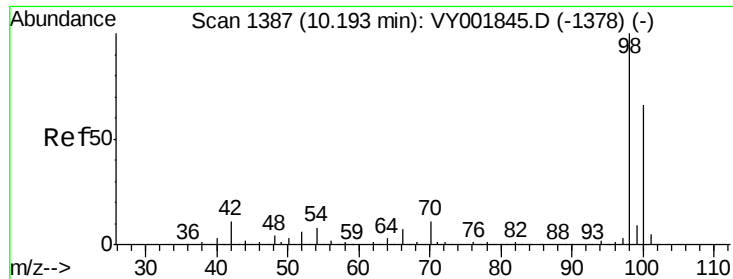
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.4
88	15.0	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 54.320 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001865.D
 Acq: 04 Mar 2020 19:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	17.8	14.2	21.2





#50

Toluene-d8

Concen: 52.463 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

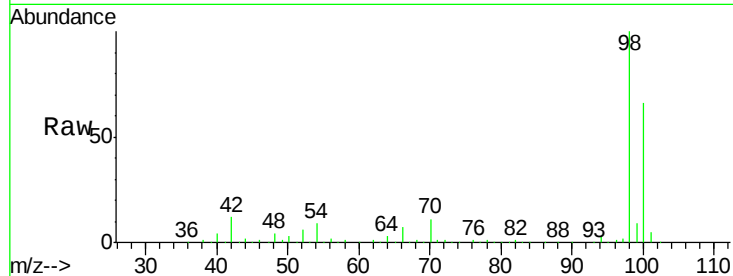
S7

Tot Ion: 98 Resp: 319708

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001865.D (-1338) (-)

10.19

200000

150000

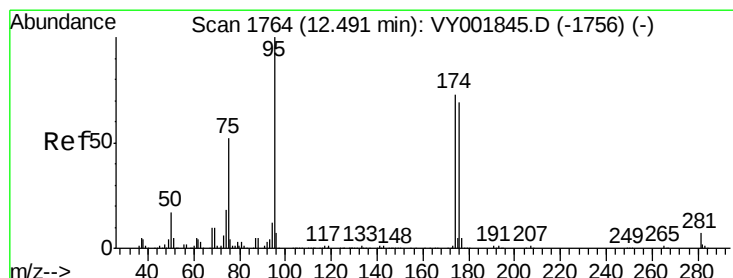
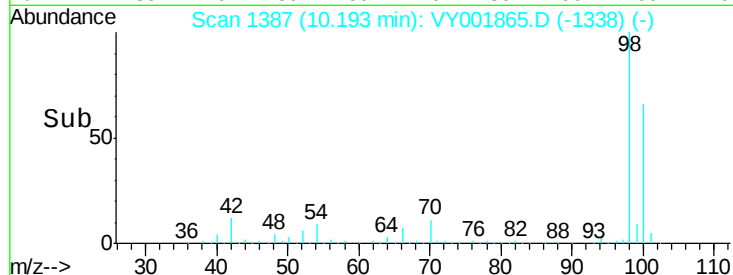
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 43.372 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001865.D

Acq: 04 Mar 2020 19:34

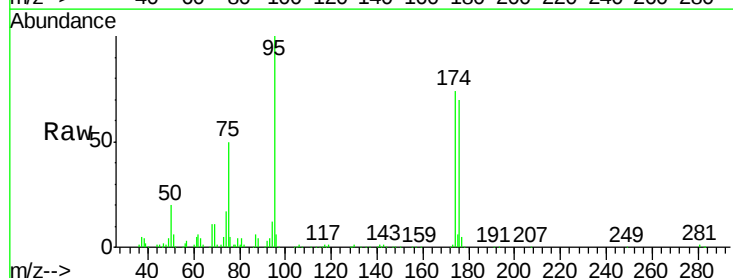
Tgt Ion: 95 Resp: 91903

Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.0

176 69.8 0.0 137.4



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

Ion 173.80 (173.50 to 174.50): VY001865.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001865.D (-1715) (-)

12.49

80000

60000

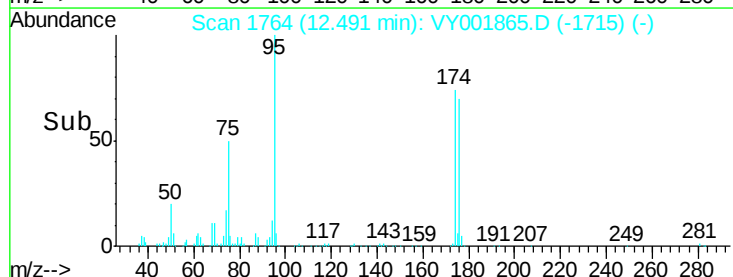
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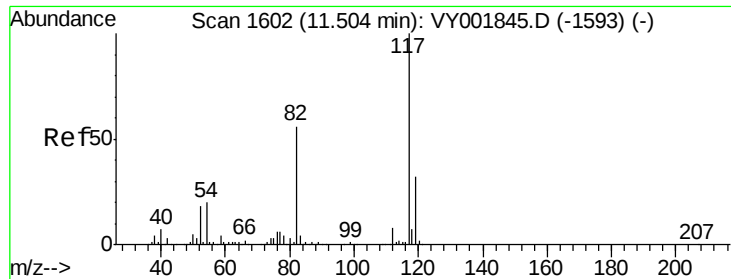
20000

0

Time-->

12.40 12.45 12.50 12.55

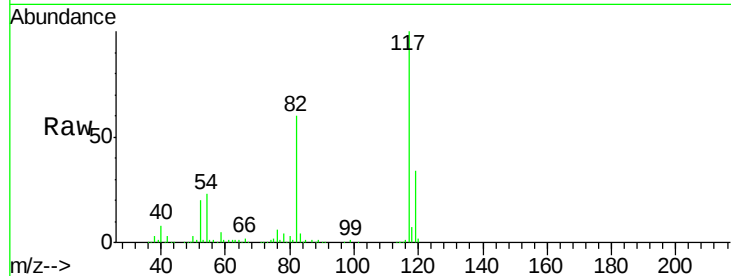




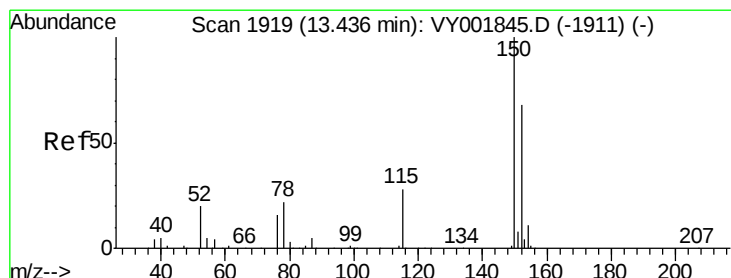
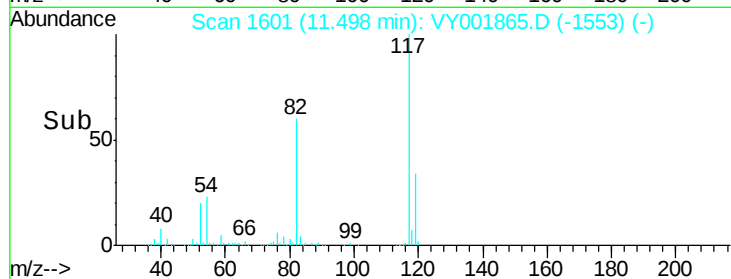
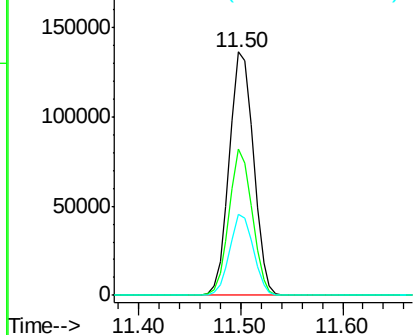
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :
S7

Tot Ion:117 Resp: 223746
Ion Ratio Lower Upper
117 100
82 59.9 44.5 66.7
119 33.5 25.7 38.5

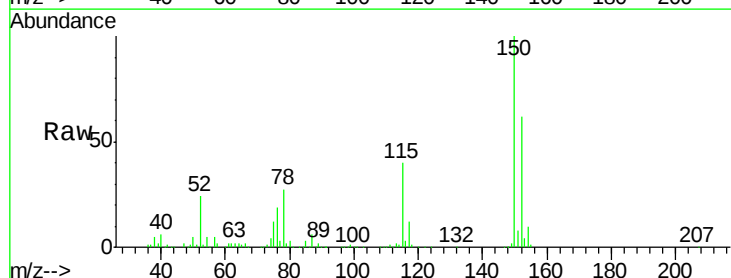


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001865.D
Acq: 04 Mar 2020 19:34

Tgt Ion:152 Resp: 75717
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 160.3 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

