

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002177.D
 Acq On : 01 Apr 2020 20:32
 Operator : SY/MD
 Sample : L2129-41
 Misc : 6.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 02 08:24:15 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	113650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	222268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	197760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	80946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	68734	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.74	113	63875	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.19	98	271401	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	84998	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

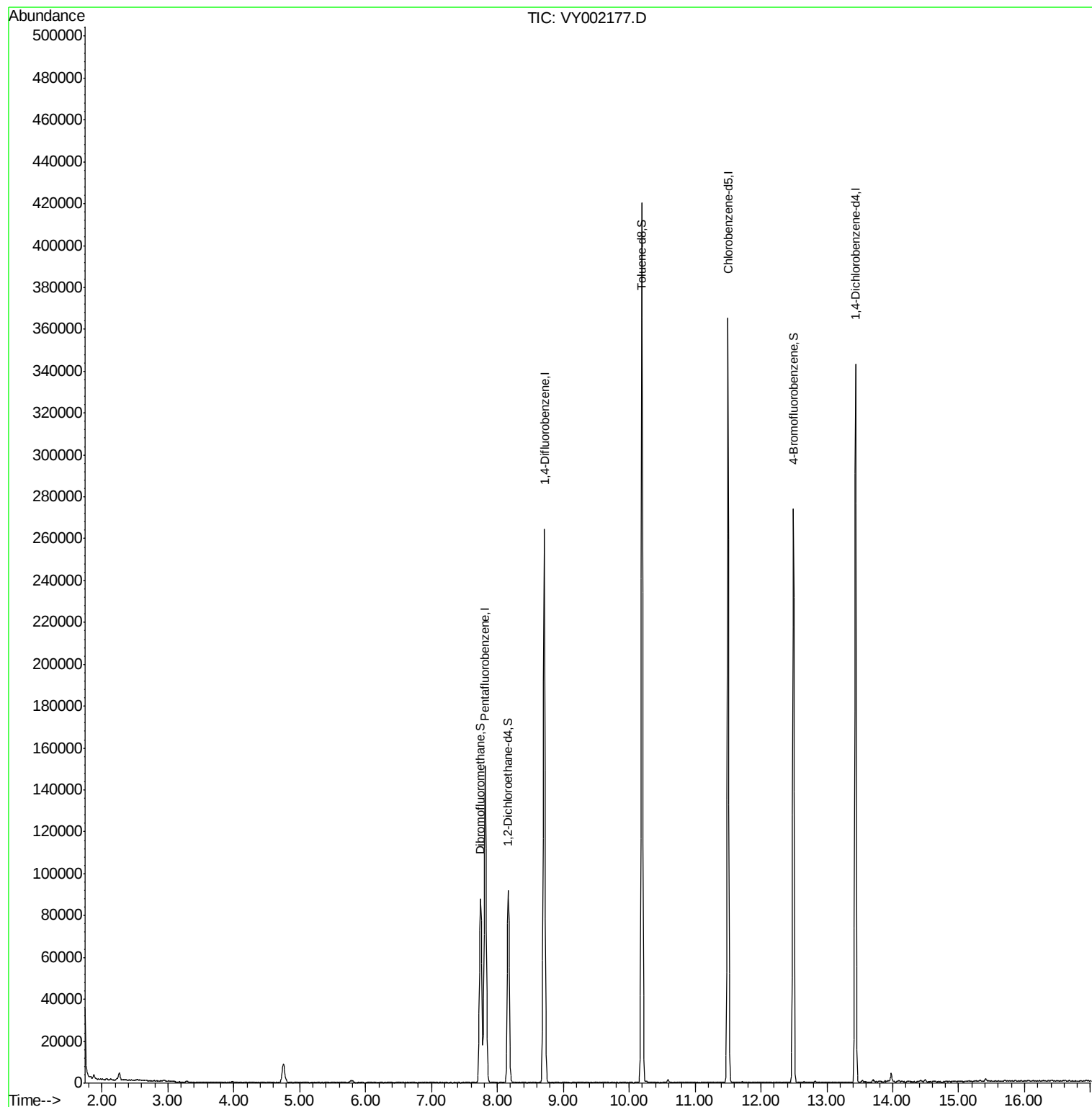
Target Compounds	Qvalue

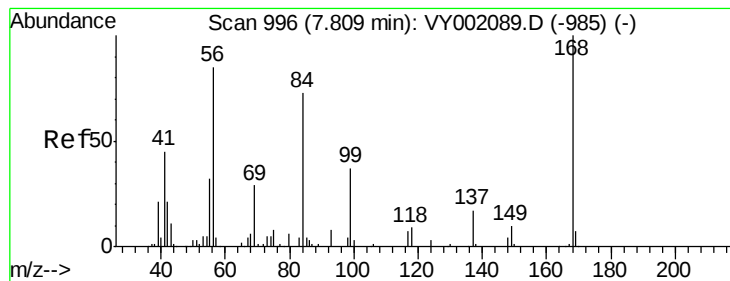
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

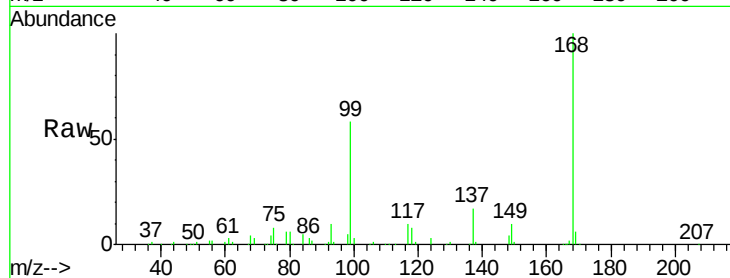
TP-3

Tot Ion:168 Resp: 113650

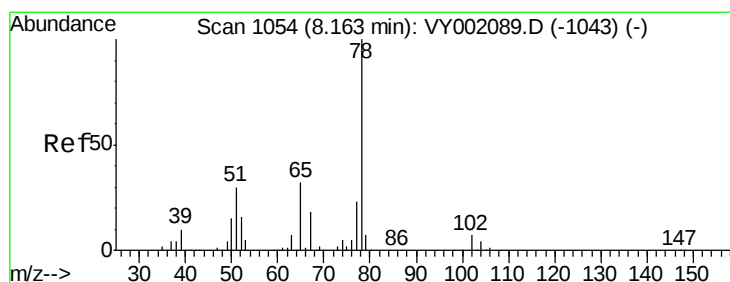
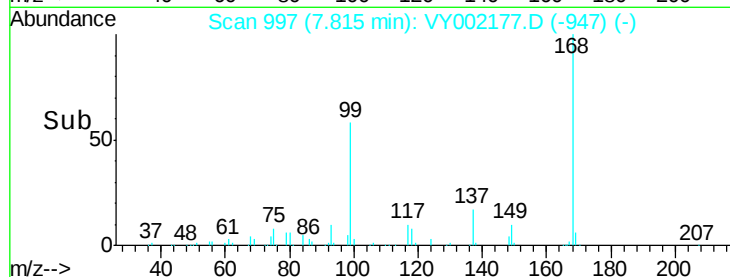
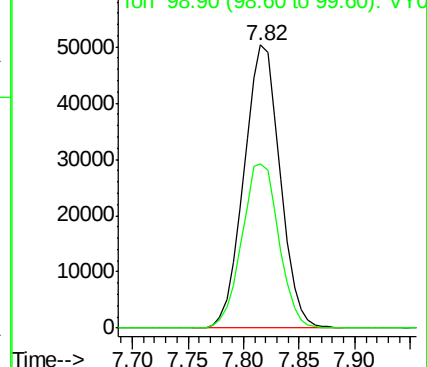
Ion Ratio Lower Upper

168 100

99 58.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002177.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.708 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002177.D

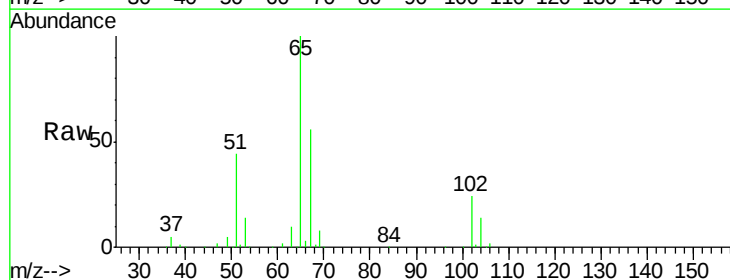
Acq: 01 Apr 2020 20:32

Tgt Ion: 65 Resp: 68734

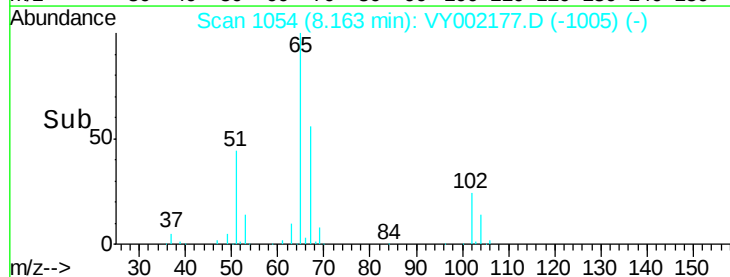
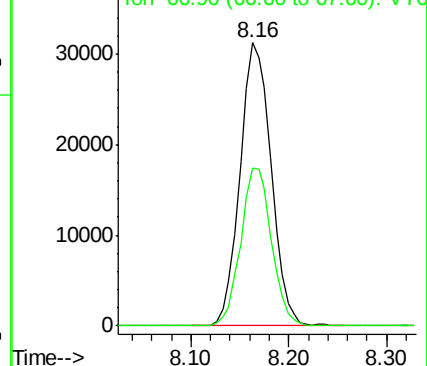
Ion Ratio Lower Upper

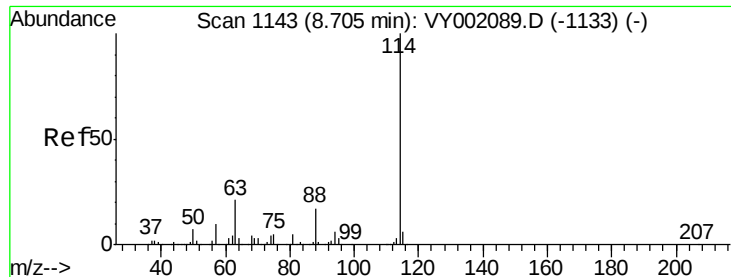
65 100

67 55.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002177.D (-1005) (-)

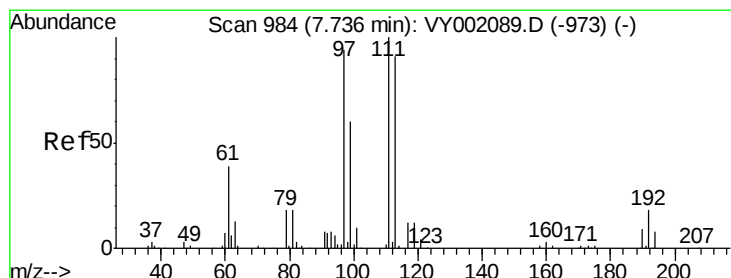
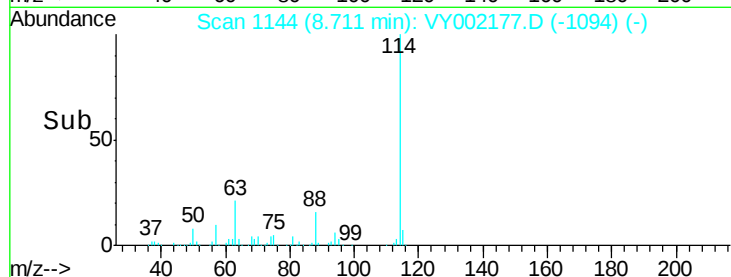
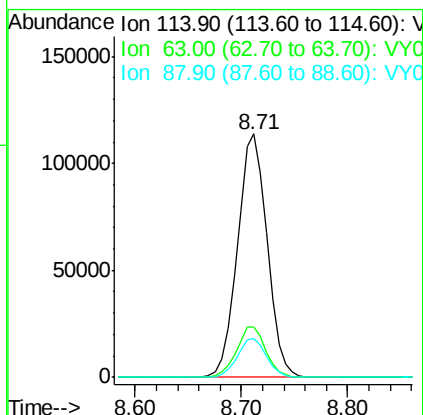
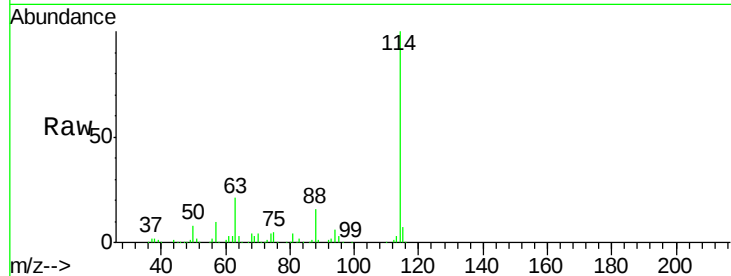




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002177.D
 Acq: 01 Apr 2020 20:32

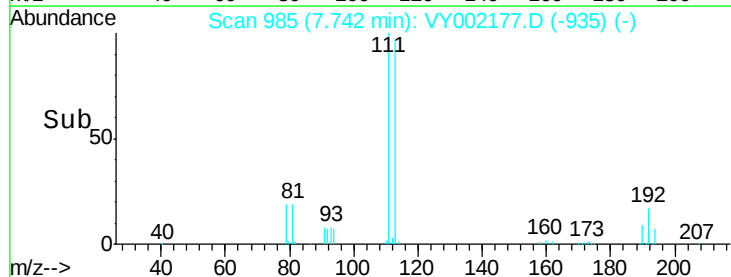
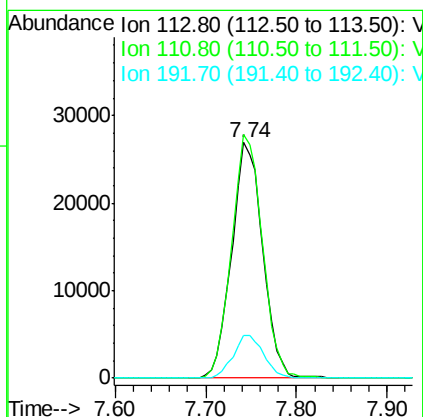
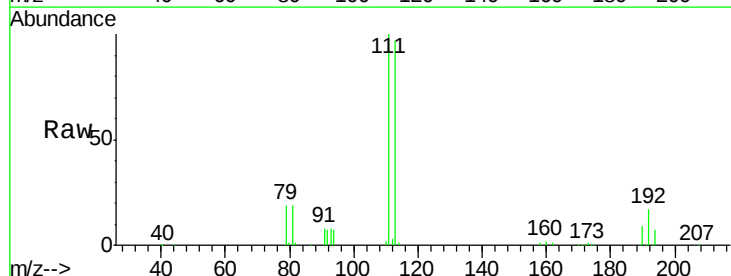
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

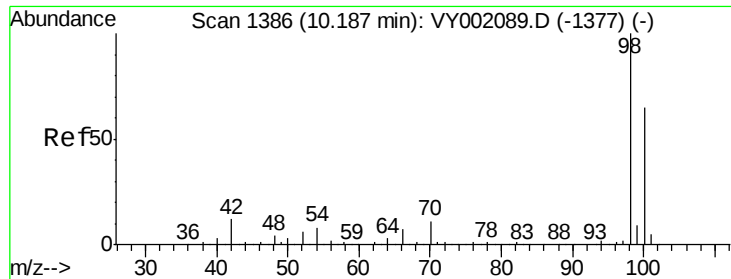
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	16.0	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 51.289 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002177.D
 Acq: 01 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.4	126.6
192	17.9	14.6	21.8





#50

Toluene-d8

Concen: 52.458 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

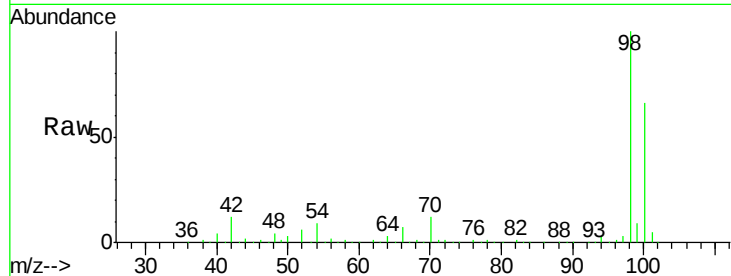
TP-3

Tot Ion: 98 Resp: 271401

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



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

Ion 100.00 (99.70 to 100.70): VY002177.D (-1337) (-)

10.19

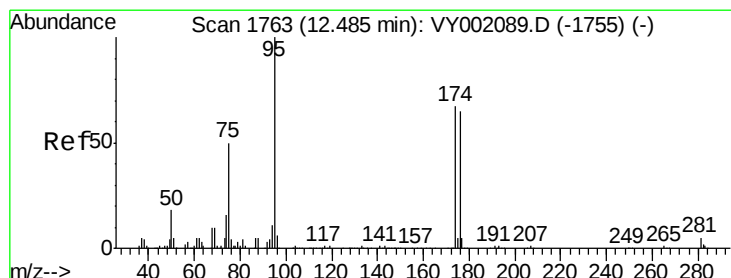
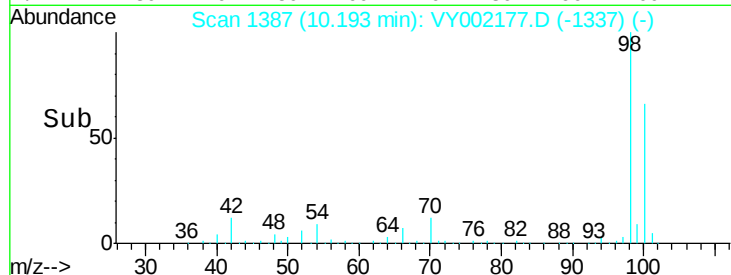
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.975 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002177.D

Acq: 01 Apr 2020 20:32

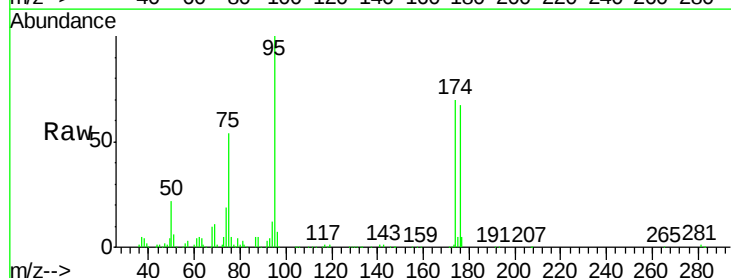
Tgt Ion: 95 Resp: 84998

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

176 69.9 0.0 137.0



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

Ion 173.80 (173.50 to 174.50): VY002177.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002177.D (-1714) (-)

12.49

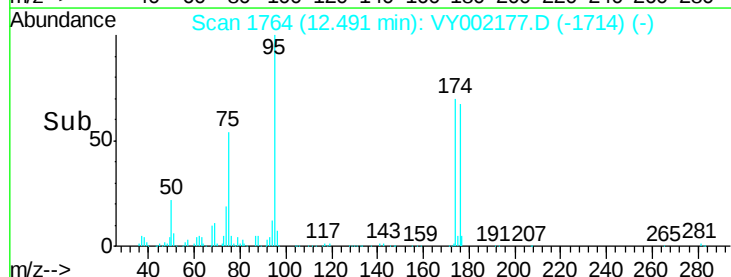
60000

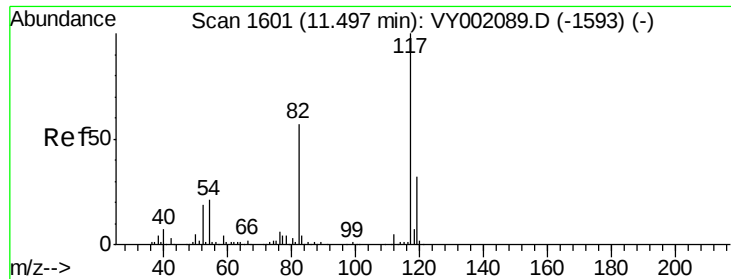
40000

20000

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Time-->

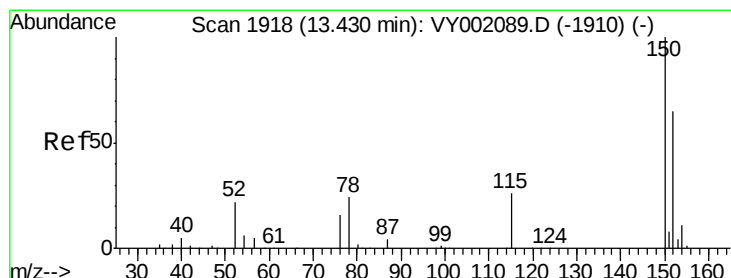
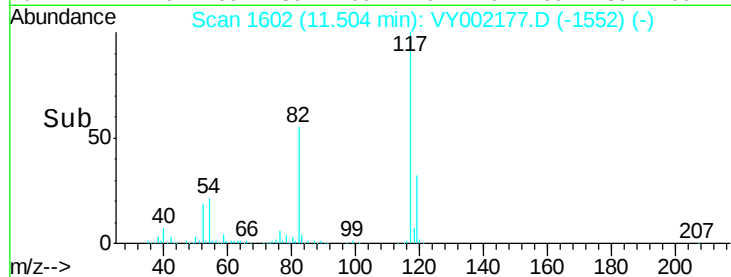
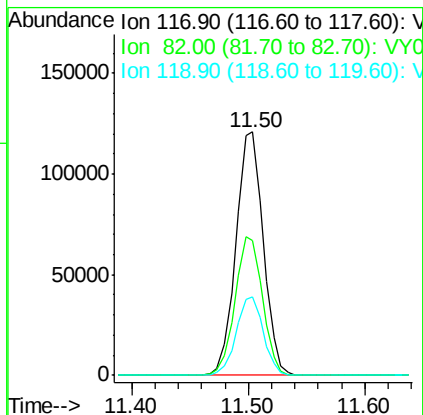
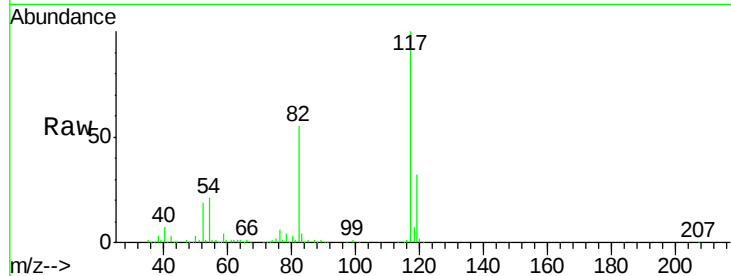




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tot Ion:117 Resp: 197760
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002177.D
Acq: 01 Apr 2020 20:32

Tgt Ion:152 Resp: 80946
Ion Ratio Lower Upper
152 100
115 59.2 31.2 93.6
150 156.7 0.0 354.8

