

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001925.D
 Acq On : 10 Mar 2020 16:26
 Operator : SY/MD
 Sample : L1859-09
 Misc : 6.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-(3-4)

Quant Time: Mar 11 05:25:24 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	143765	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	282439	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	254747	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	111444	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90002	58.64	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.28%	
35) Dibromofluoromethane	7.73	113	82343	53.39	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.18	98	341212	52.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	116019	51.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.62%	

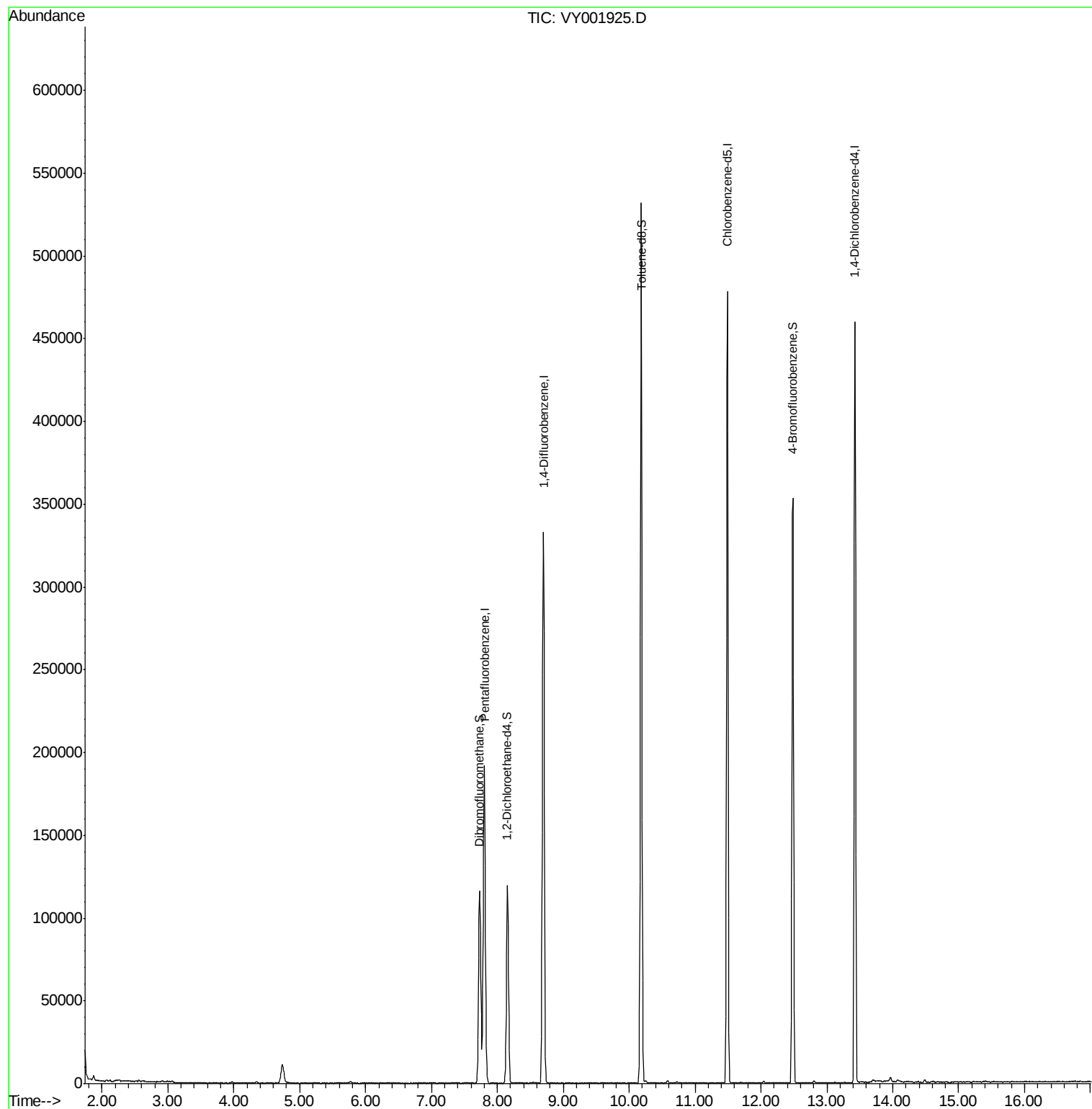
Target Compounds	Qvalue

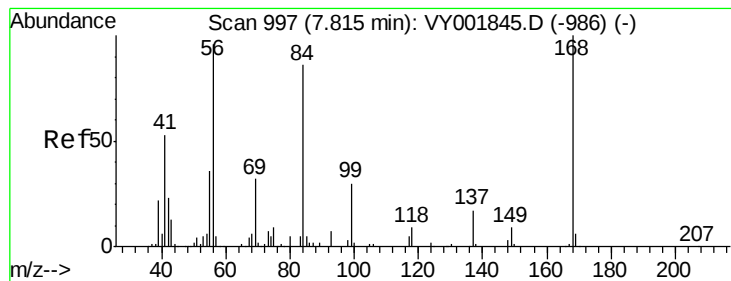
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

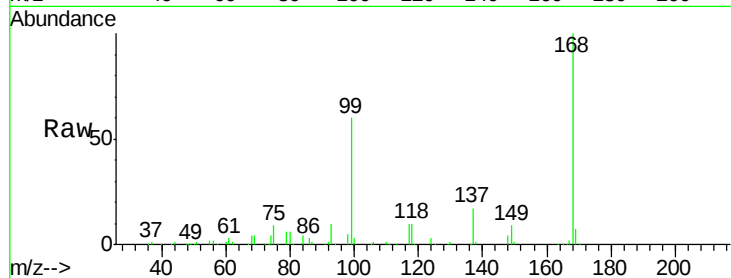
TP-8-(3-4)

Tot Ion:168 Resp: 143765

Ion Ratio Lower Upper

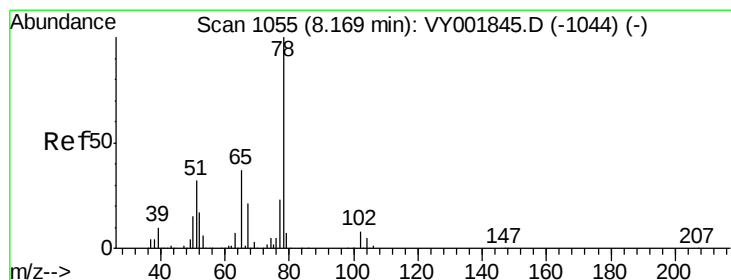
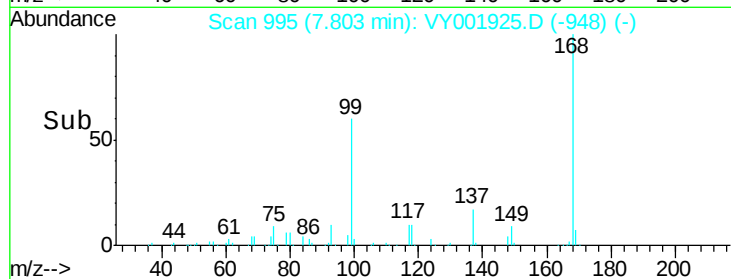
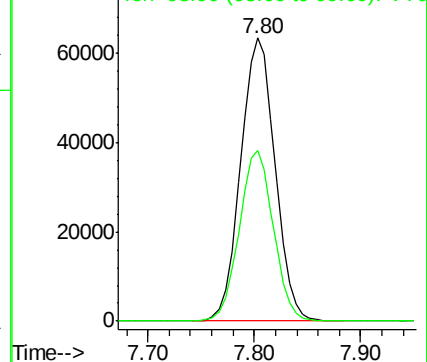
168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.641 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001925.D

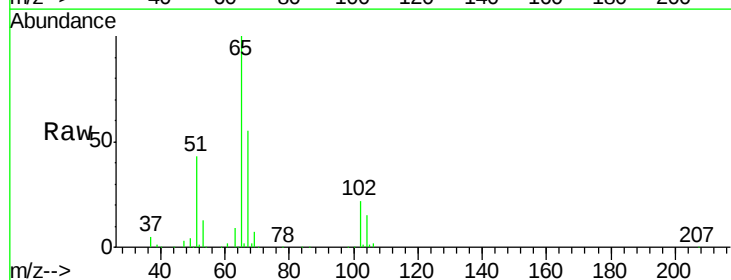
Acq: 10 Mar 2020 16:26

Tgt Ion: 65 Resp: 90002

Ion Ratio Lower Upper

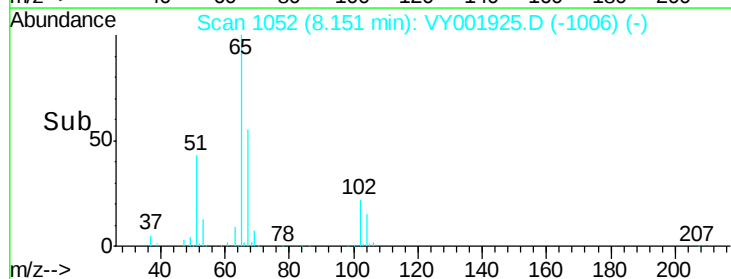
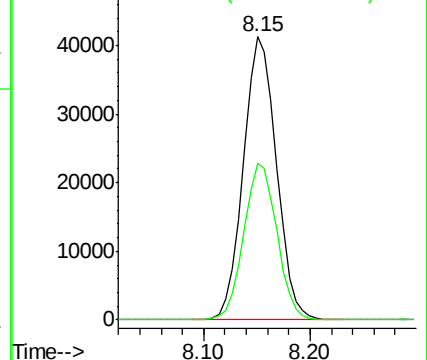
65 100

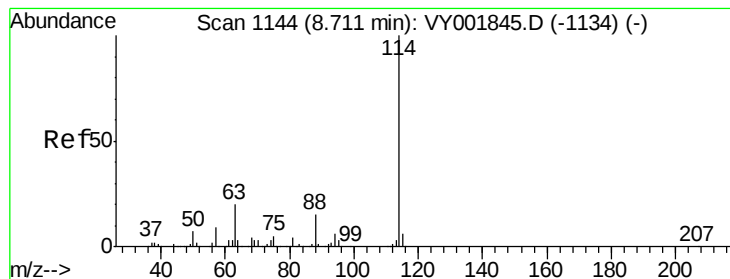
67 55.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-8-(3-4)

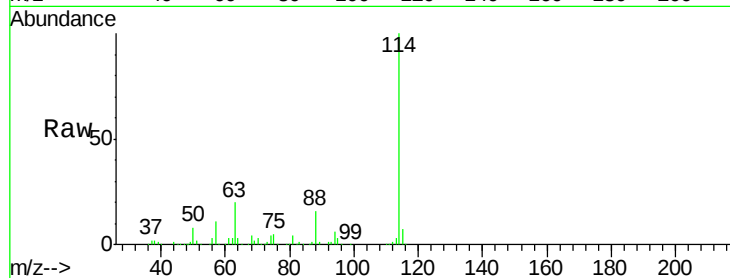
Tot Ion:114 Resp: 282439

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

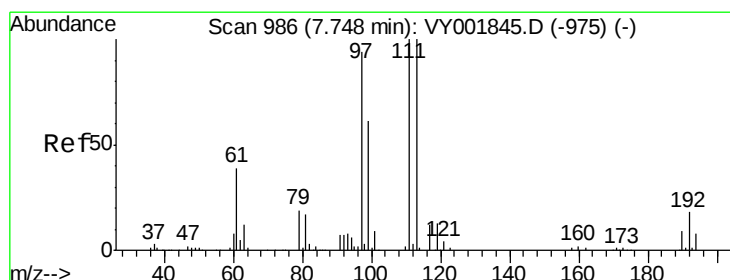
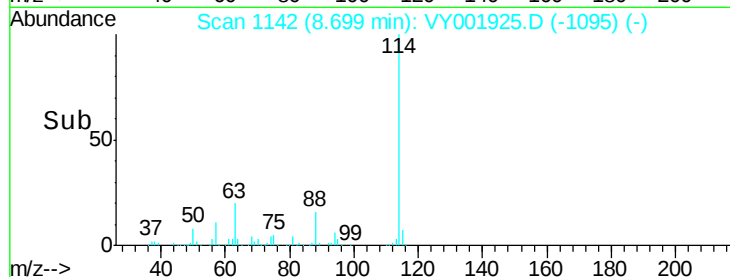
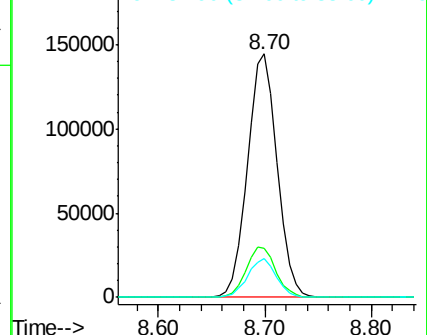
88 15.8 0.0 30.4



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: 53.392 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

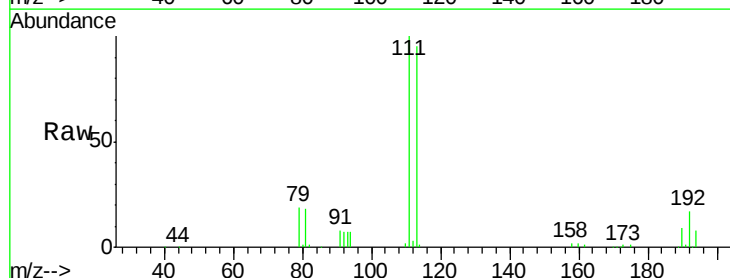
Tgt Ion:113 Resp: 82343

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

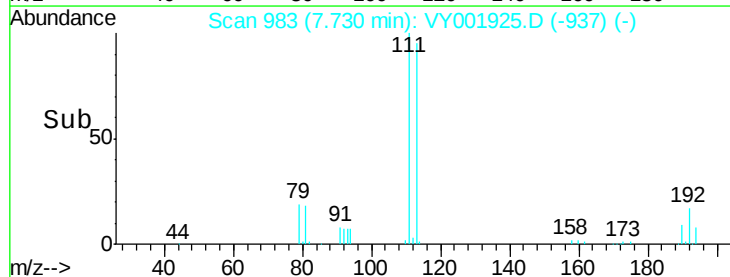
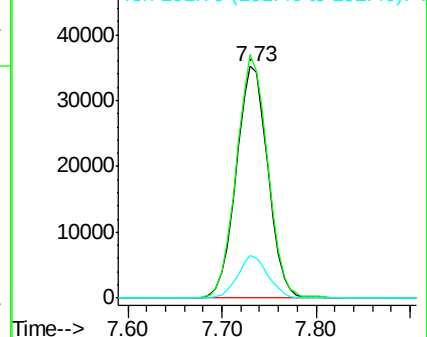
192 17.5 14.2 21.2

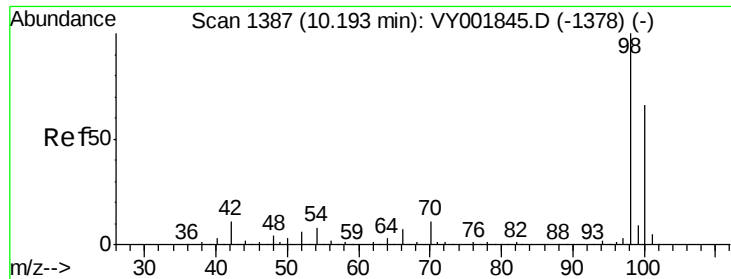


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.467 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

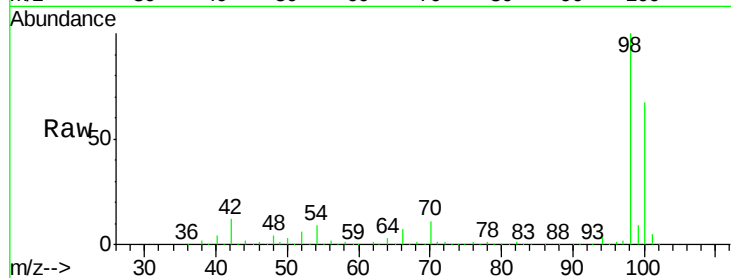
TP-8-(3-4)

Tot Ion: 98 Resp: 341212

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

200000

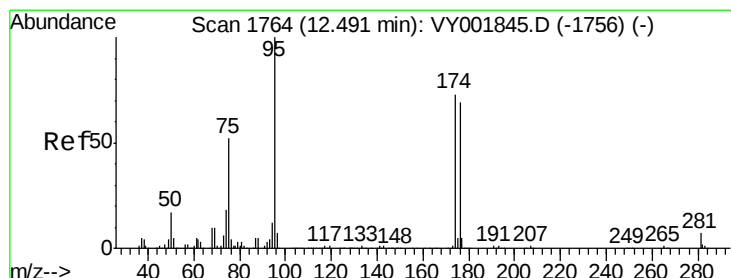
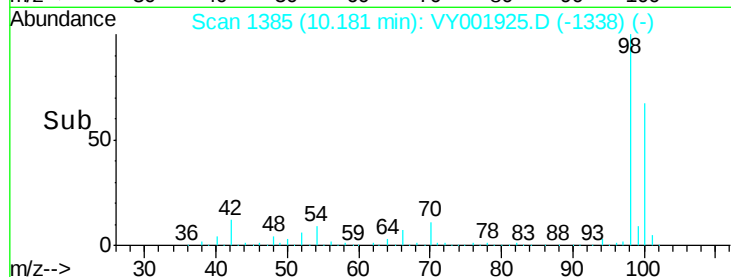
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.306 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001925.D

Acq: 10 Mar 2020 16:26

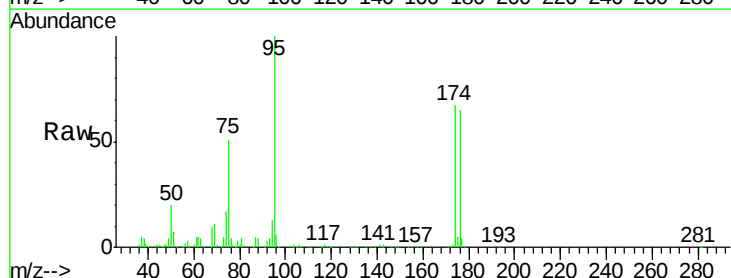
Tgt Ion: 95 Resp: 116019

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.0

176 70.2 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

100000

80000

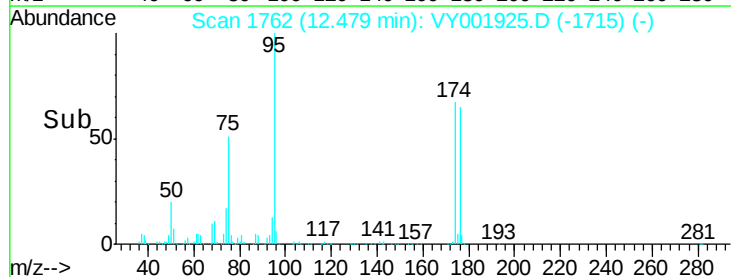
60000

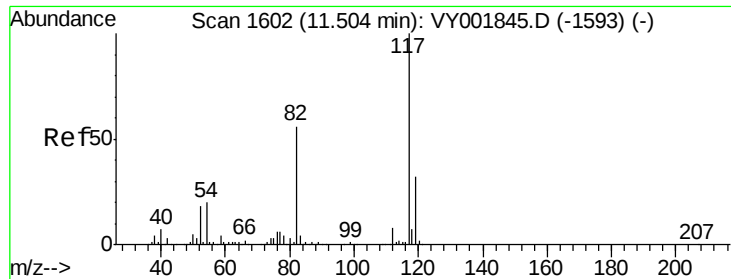
40000

20000

0

Time-->

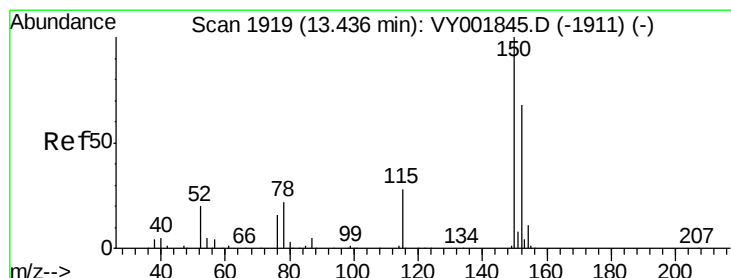
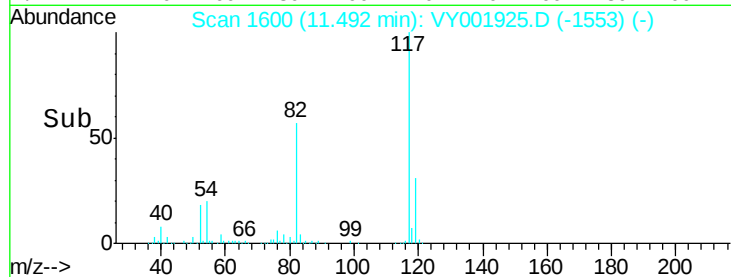
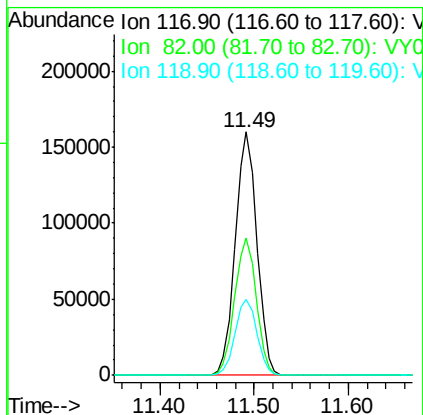
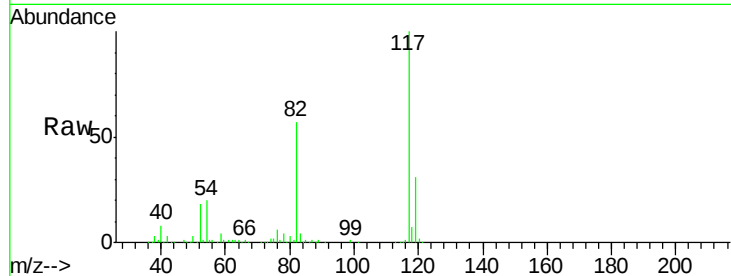




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001925.D
Acq: 10 Mar 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
TP-8-(3-4)

Tot Ion:117 Resp: 254747
Ion Ratio Lower Upper
117 100
82 56.6 44.5 66.7
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001925.D
Acq: 10 Mar 2020 16:26

Tgt Ion:152 Resp: 111444
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 160.3 0.0 340.6

