

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001446.D
 Acq On : 31 Jan 2020 11:38
 Operator : SY/MD
 Sample : VY0131SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL01

Quant Time: Jan 31 13:38:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	168698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	313212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	286410	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	128744	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	100571	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	
35) Dibromofluoromethane	7.75	113	92691	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.20	98	372207	52.11	ug/l	0.01
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.50	95	134535	47.30	ug/l	0.01
Spiked Amount			Recovery	=	94.60%	

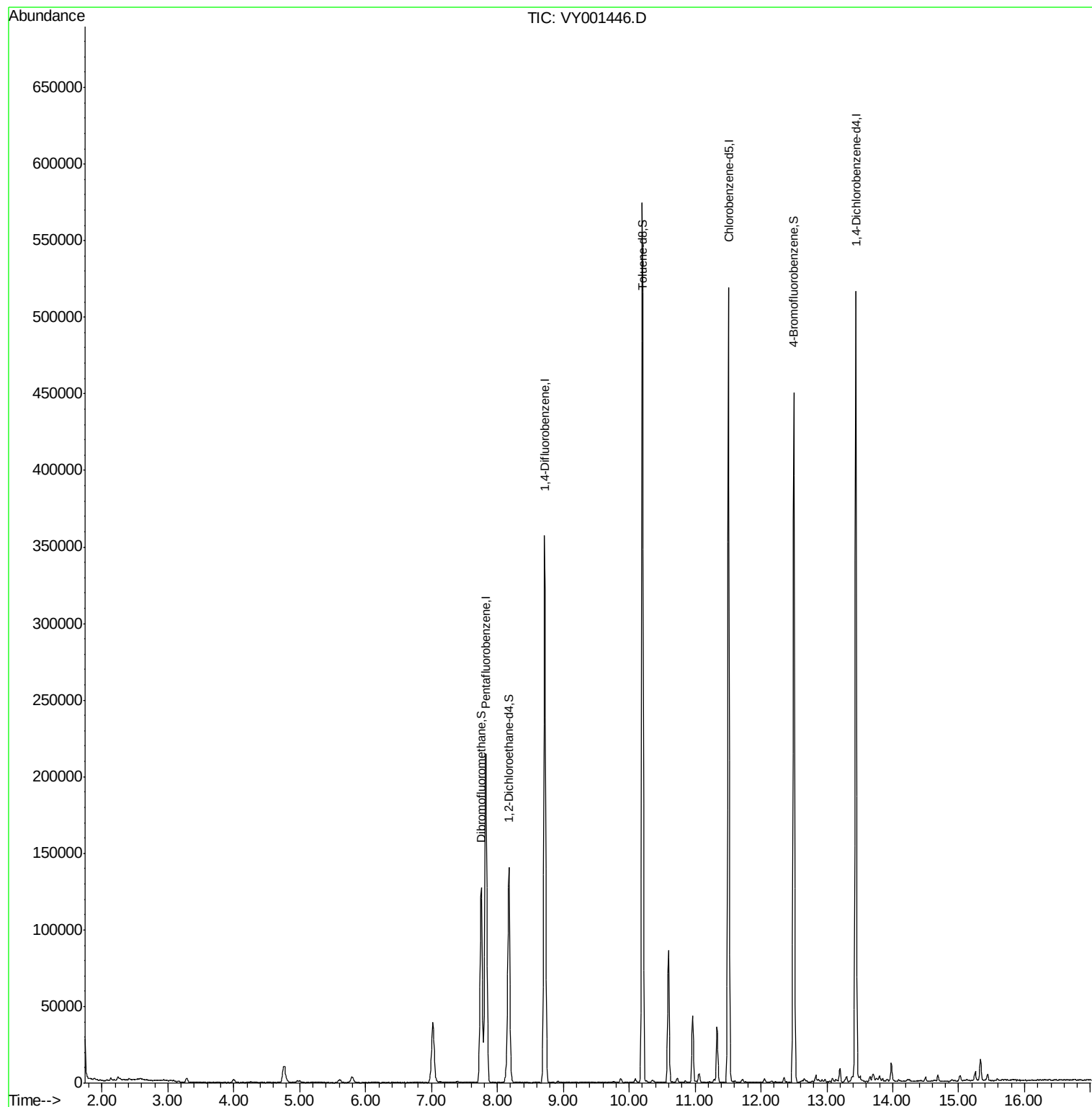
Target Compounds	Qvalue
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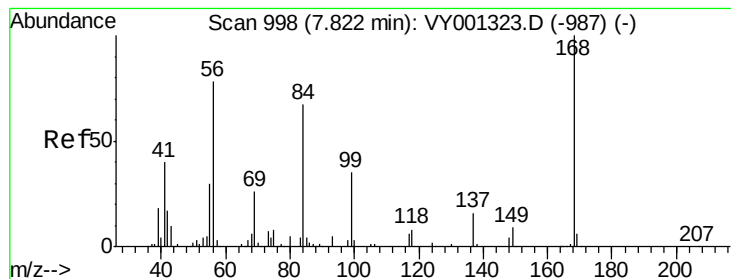
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001446.D

Acq: 31 Jan 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

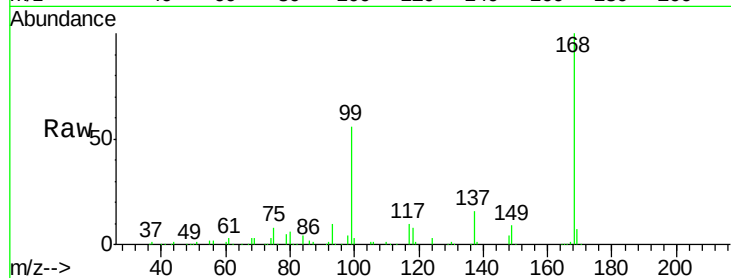
VY0131SBL01

Tot Ion:168 Resp: 168698

Ion Ratio Lower Upper

168 100

99 56.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.83

80000

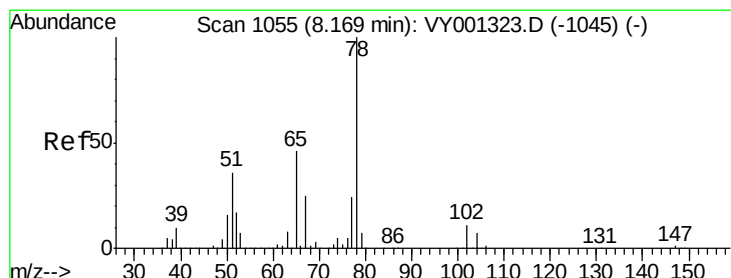
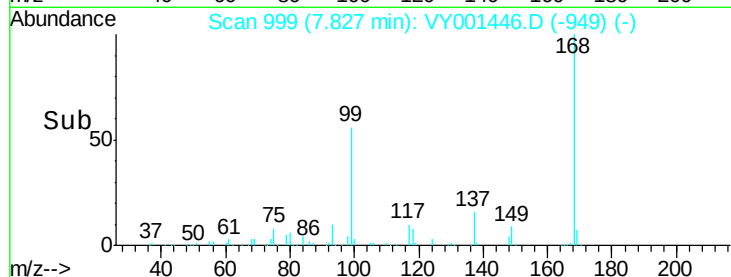
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 54.787 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001446.D

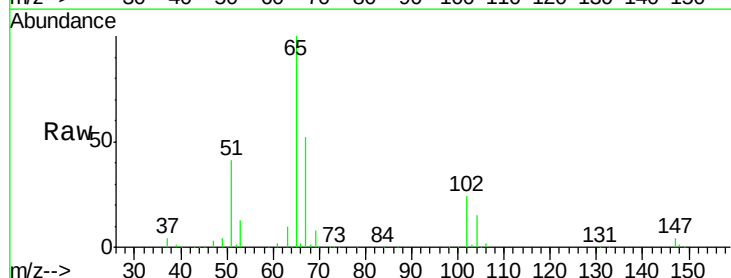
Acq: 31 Jan 2020 11:38

Tgt Ion: 65 Resp: 100571

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

50000

40000

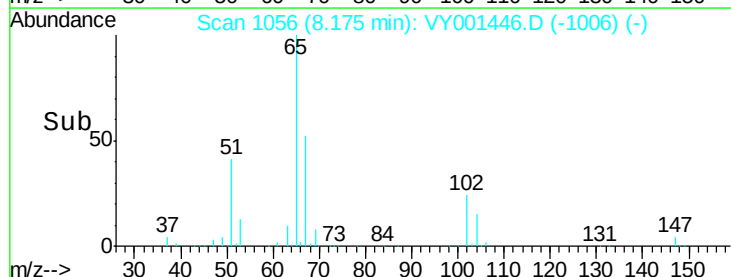
30000

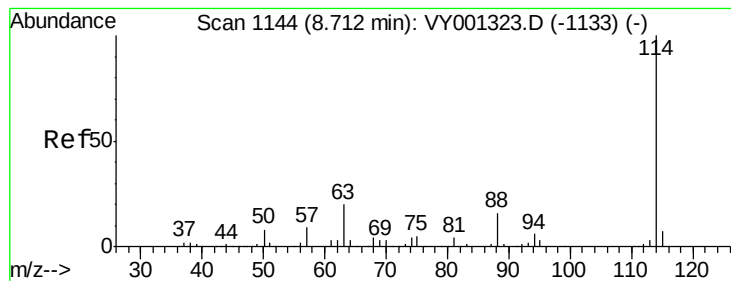
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001446.D

Acq: 31 Jan 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL01

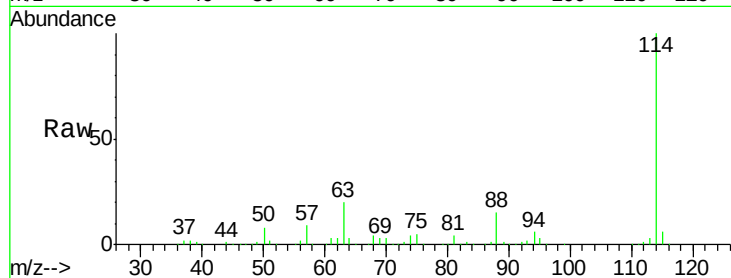
Tot Ion:114 Resp: 313212

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

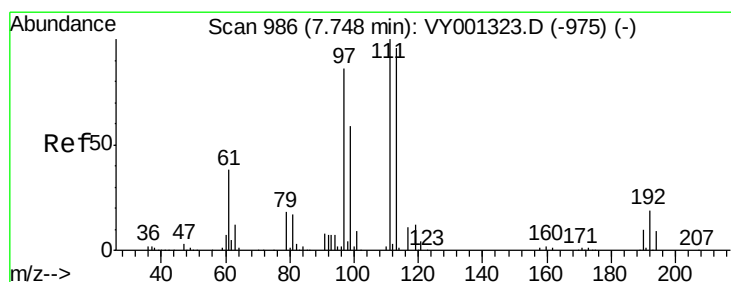
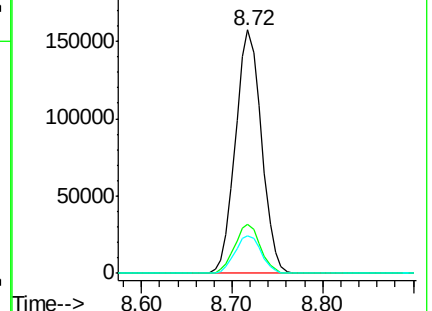
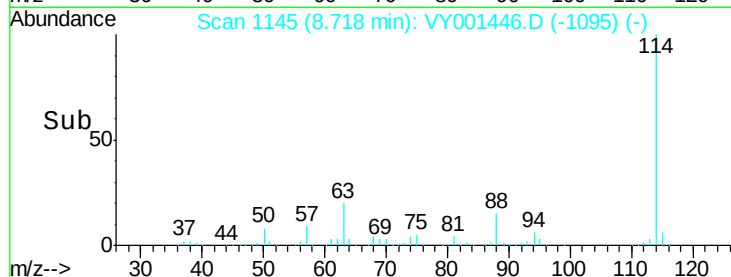
88 15.4 0.0 31.0



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: 50.423 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001446.D

Acq: 31 Jan 2020 11:38

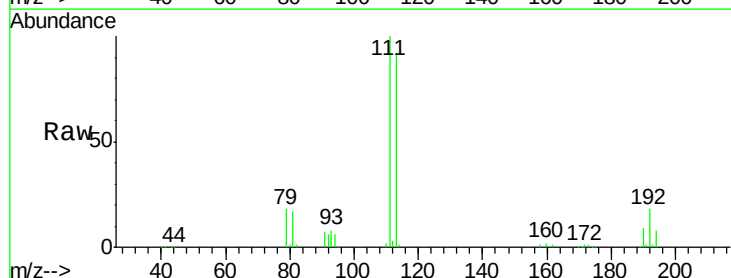
Tgt Ion:113 Resp: 92691

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

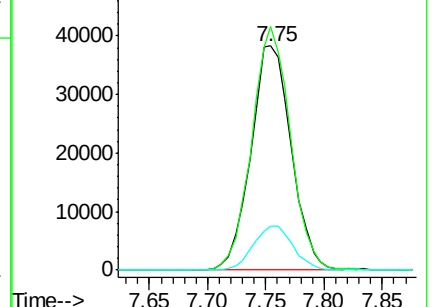
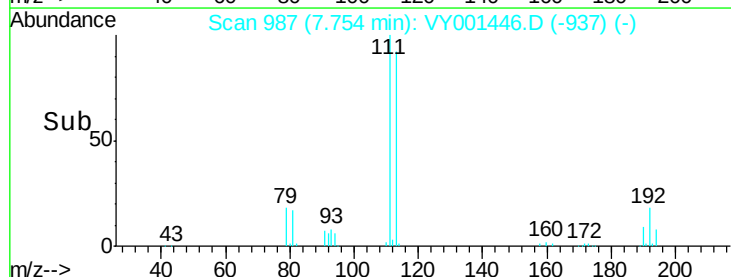
192 19.1 15.5 23.3

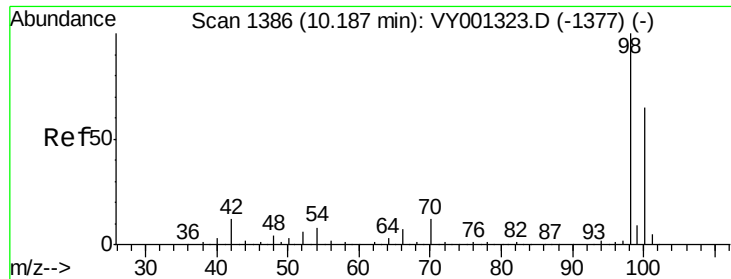


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.115 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001446.D

Acq: 31 Jan 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

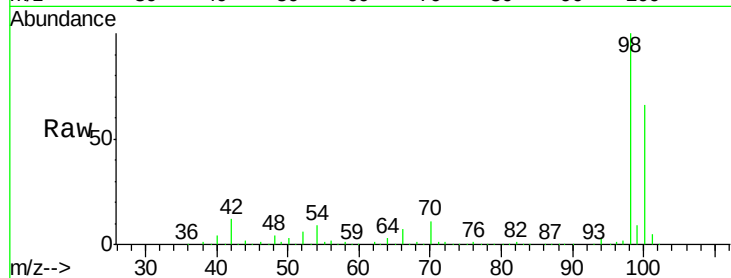
VY0131SBL01

Tot Ion: 98 Resp: 372207

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

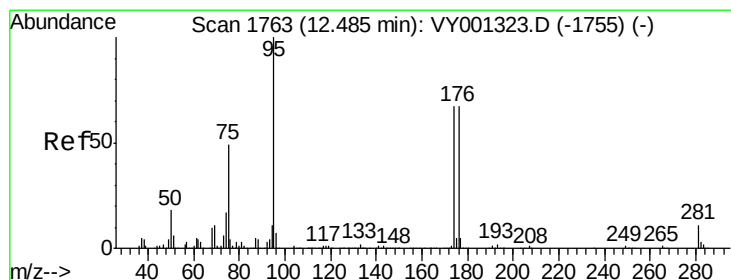
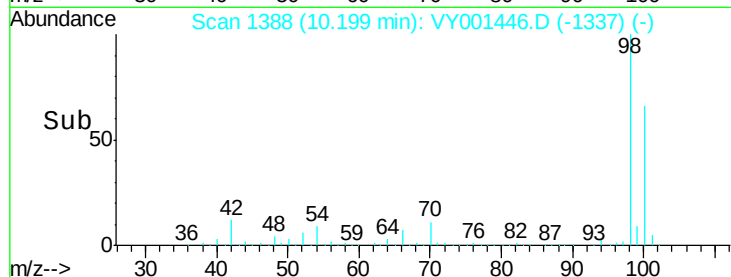
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 47.301 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001446.D

Acq: 31 Jan 2020 11:38

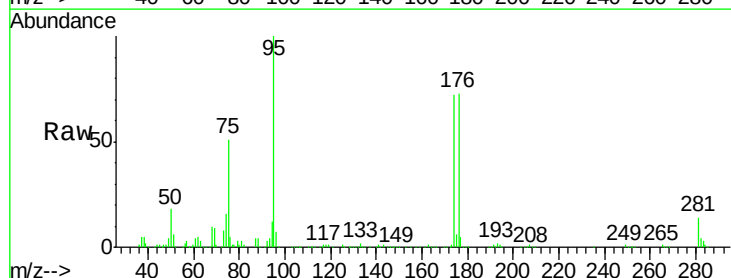
Tgt Ion: 95 Resp: 134535

Ion Ratio Lower Upper

95 100

174 73.9 0.0 142.0

176 72.1 0.0 138.6



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

120000

100000

80000

60000

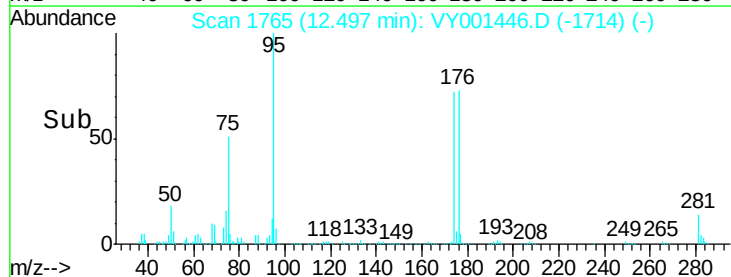
40000

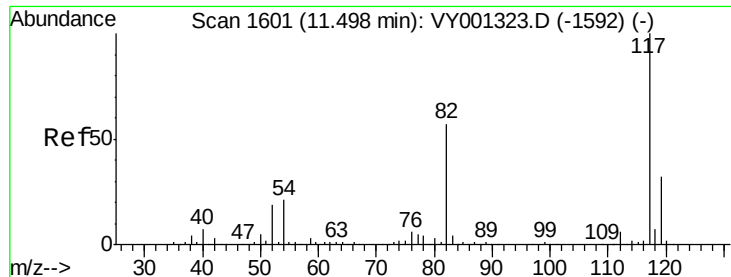
20000

0

12.40 12.45 12.50 12.55

Time-->

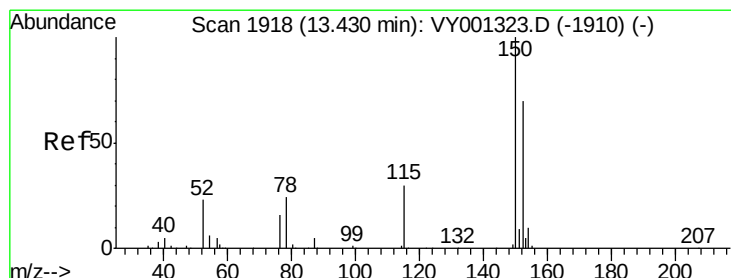
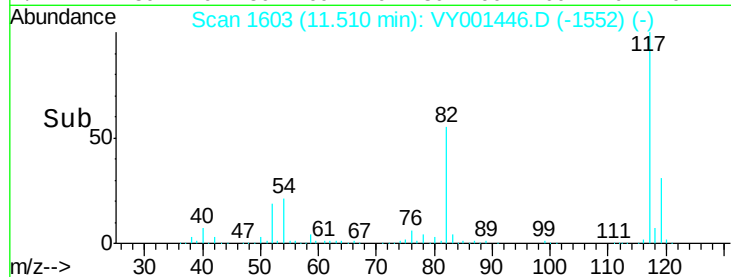
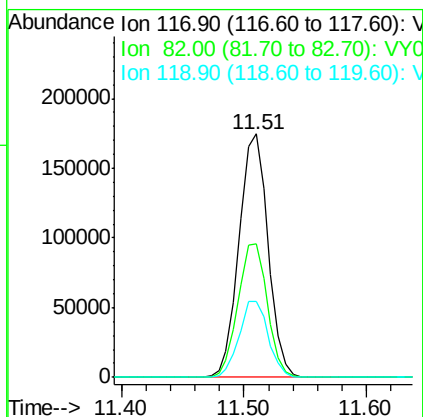
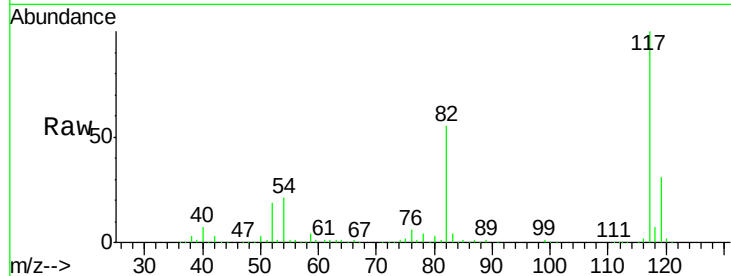




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001446.D
Acq: 31 Jan 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

Tot Ion:117 Resp: 286410
Ion Ratio Lower Upper
117 100
82 54.7 45.5 68.3
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001446.D
Acq: 31 Jan 2020 11:38

Tgt Ion:152 Resp: 128744
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.8
150 155.8 0.0 349.2

