

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001893.D
 Acq On : 06 Mar 2020 11:44
 Operator : SY/MD
 Sample : VY0306SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBL01

Quant Time: Mar 06 23:16:57 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	162537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116194	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	89767	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
35) Dibromofluoromethane	7.75	113	83958	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	10.20	98	352113	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.50	95	118299	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

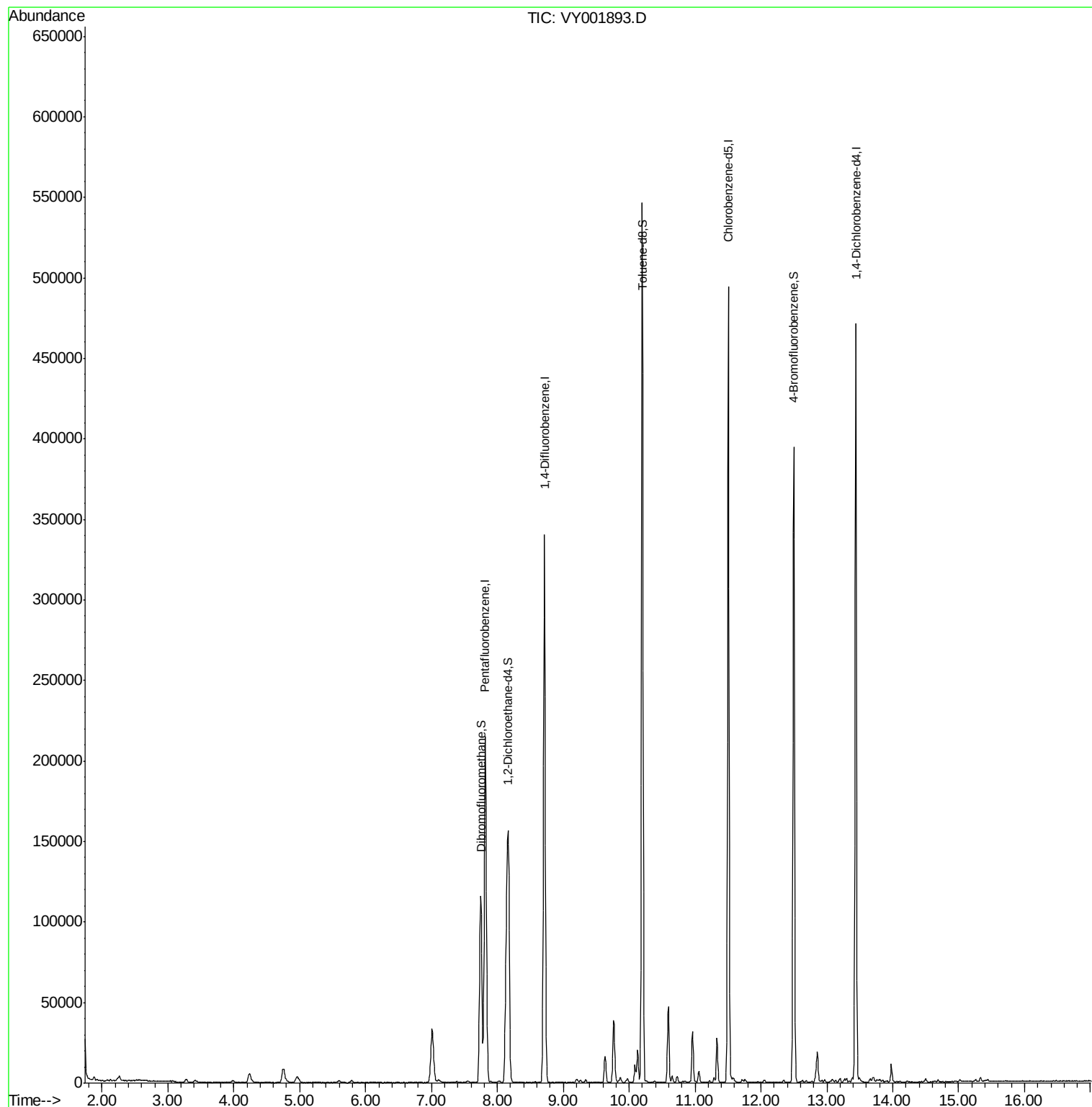
Target Compounds	Qvalue
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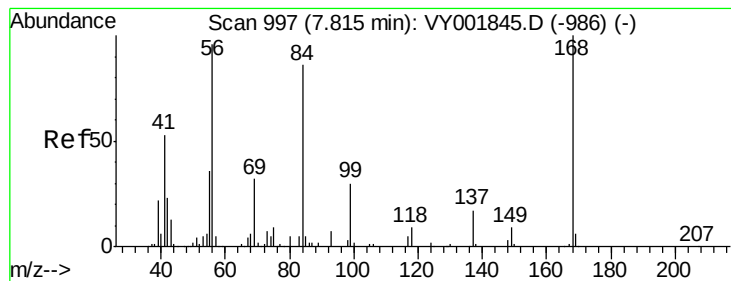
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001893.D

Acq: 06 Mar 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

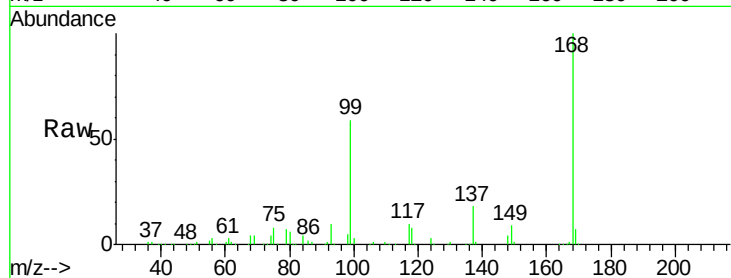
VY0306SBL01

Tot Ion:168 Resp: 162537

Ion Ratio Lower Upper

168 100

99 58.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

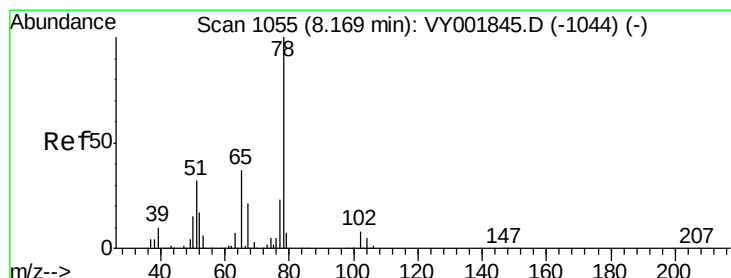
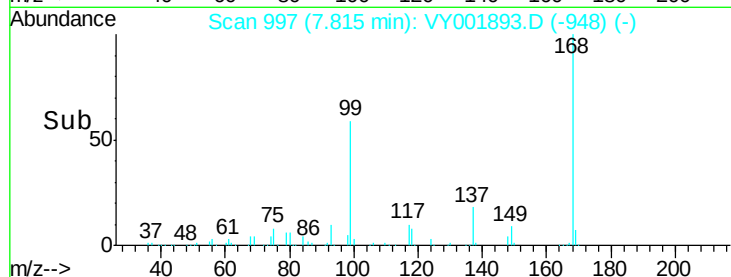
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.733 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001893.D

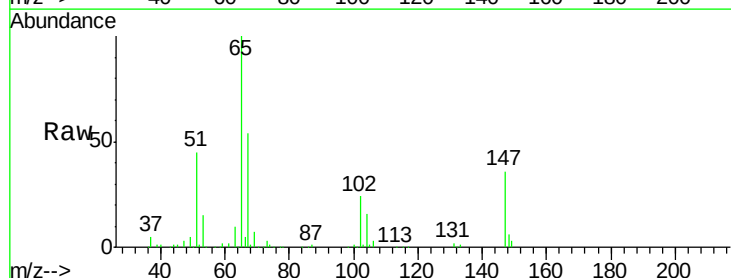
Acq: 06 Mar 2020 11:44

Tgt Ion: 65 Resp: 89767

Ion Ratio Lower Upper

65 100

67 57.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

40000

30000

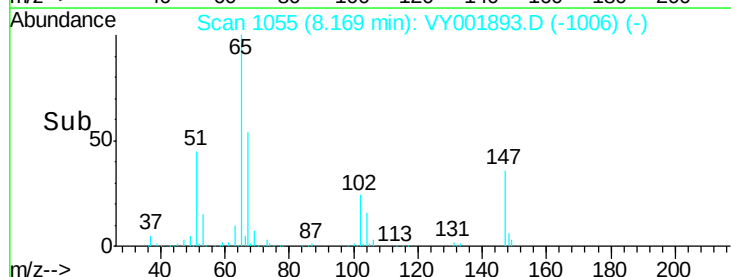
20000

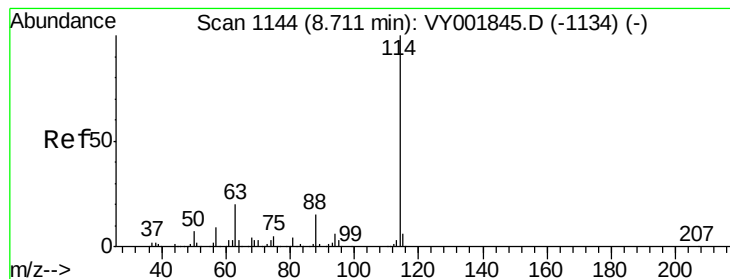
10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001893.D

Acq: 06 Mar 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBL01

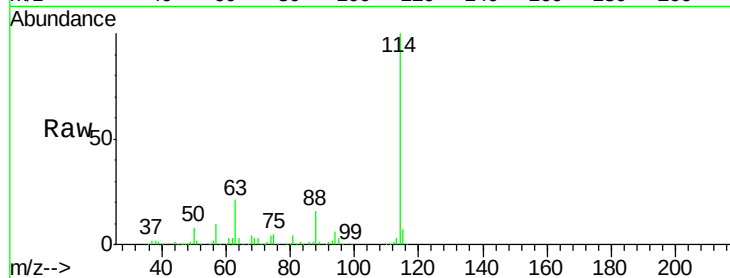
Tot Ion:114 Resp: 289479

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

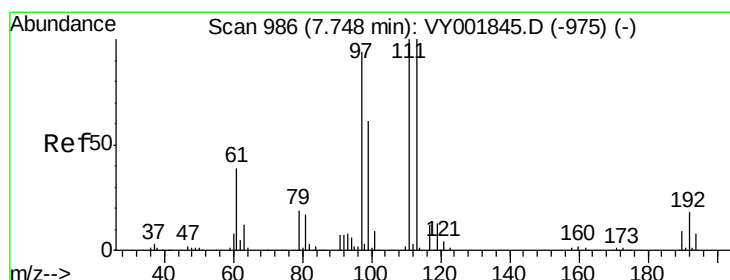
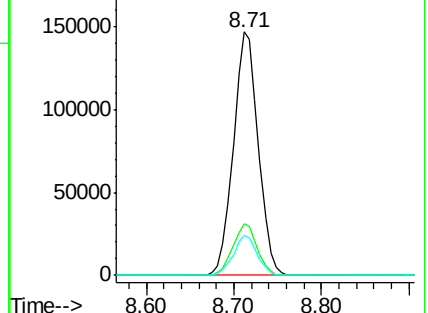
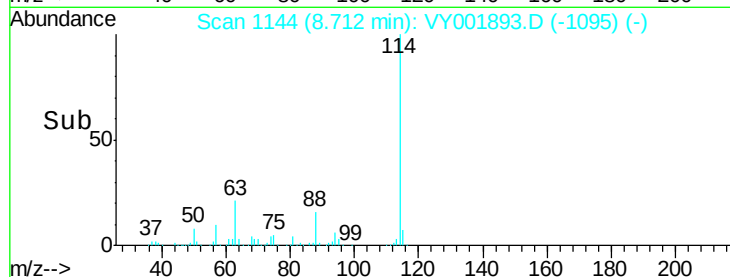
88 16.3 0.0 30.4



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: 53.115 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001893.D

Acq: 06 Mar 2020 11:44

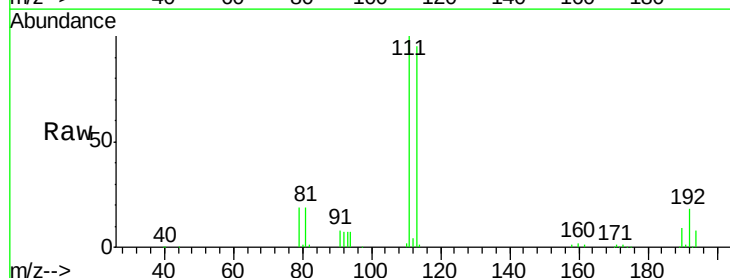
Tgt Ion:113 Resp: 83958

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.8

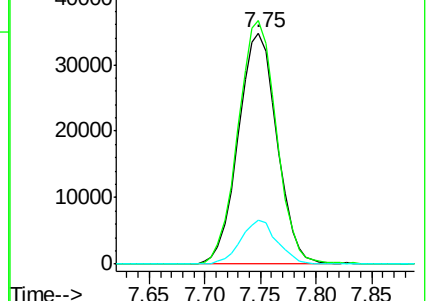
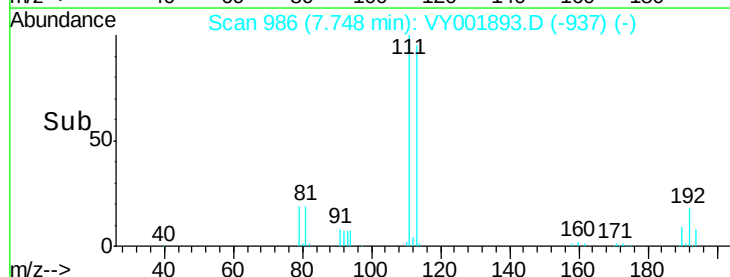
192 17.8 14.2 21.2

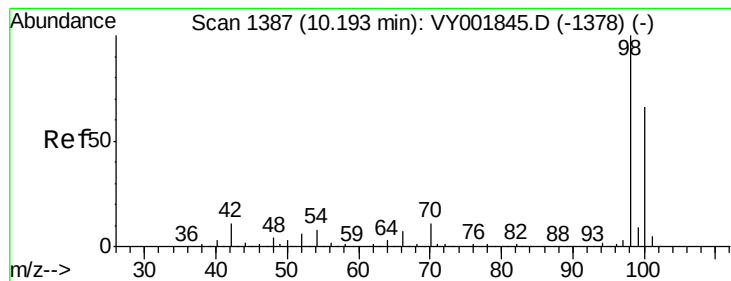


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.826 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001893.D

Acq: 06 Mar 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

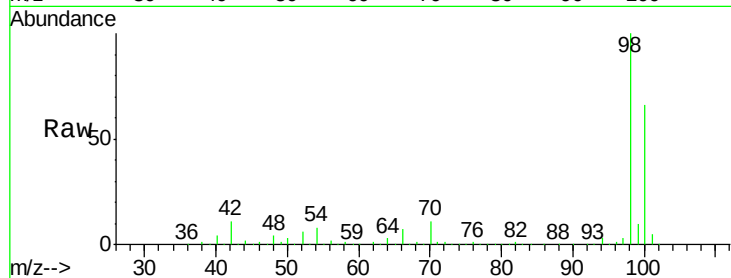
VY0306SBL01

Tot Ion: 98 Resp: 352113

Ion Ratio Lower Upper

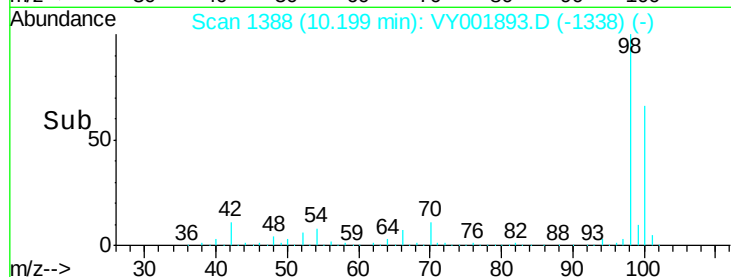
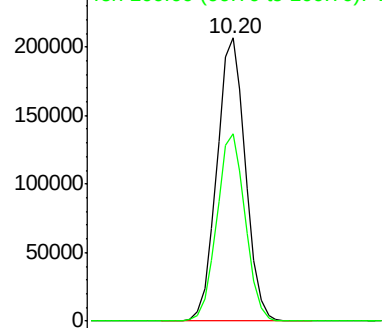
98 100

100 66.0 53.0 79.4

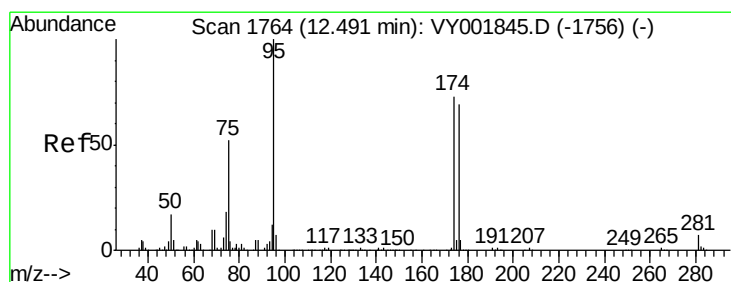


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 51.042 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001893.D

Acq: 06 Mar 2020 11:44

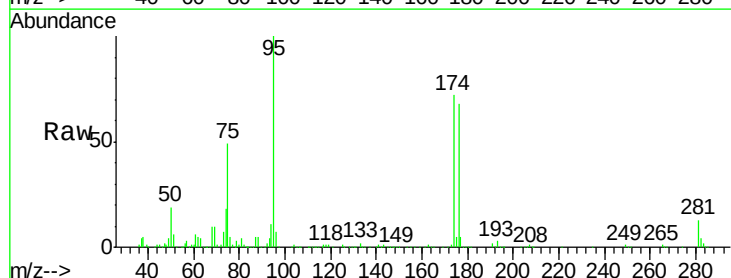
Tgt Ion: 95 Resp: 118299

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.0

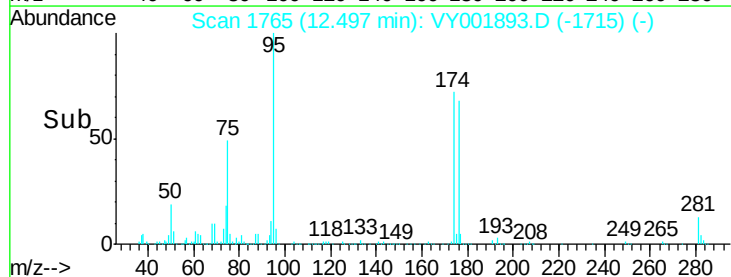
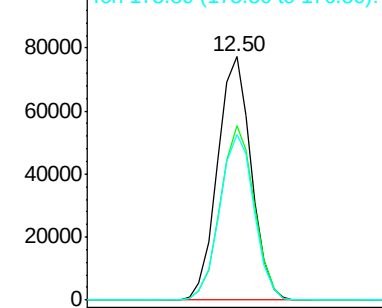
176 69.5 0.0 137.4



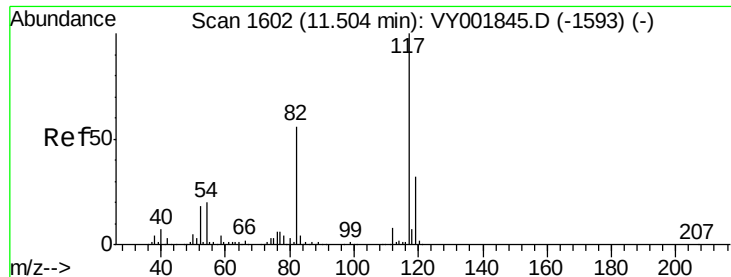
Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



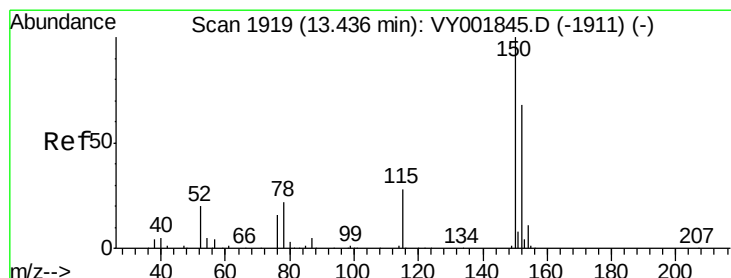
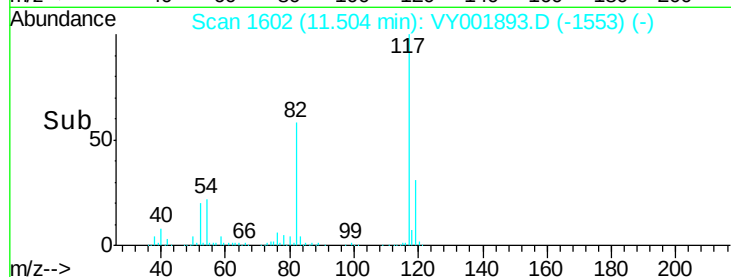
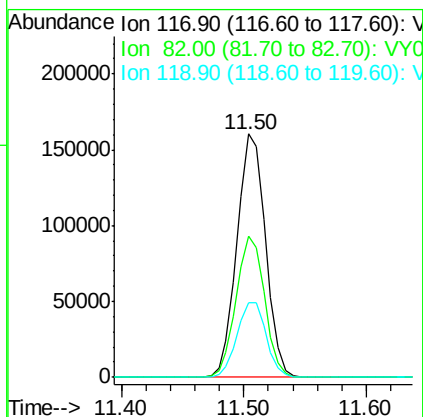
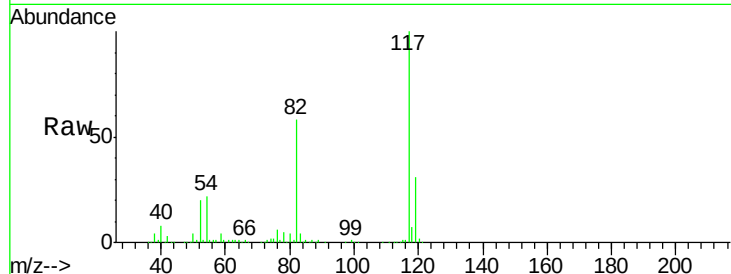
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001893.D
Acq: 06 Mar 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tot Ion:117 Resp: 259454
Ion Ratio Lower Upper
117 100
82 58.2 44.5 66.7
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001893.D
Acq: 06 Mar 2020 11:44

Tgt Ion:152 Resp: 116194
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 157.7 0.0 340.6

