

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002466.D
 Acq On : 23 Apr 2020 17:47
 Operator : SY/MD
 Sample : L2351-09
 Misc : 6.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21-(1-2)

Quant Time: Apr 24 02:11:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	299176	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	465594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	408522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	191636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	150290	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
35) Dibromofluoromethane	7.74	113	139617	53.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.19	98	539739	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.49	95	166602	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

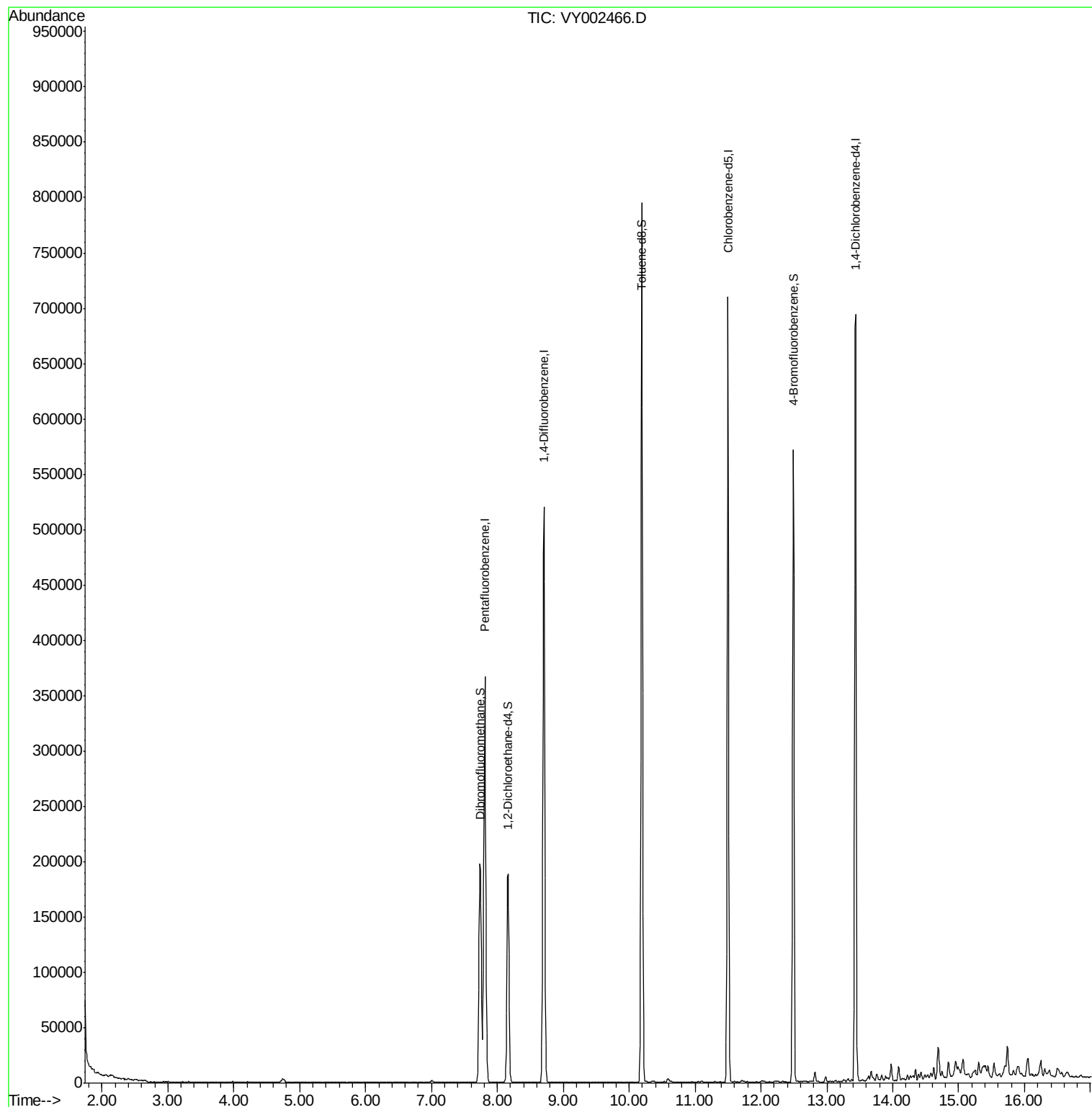
Target Compounds Qvalue

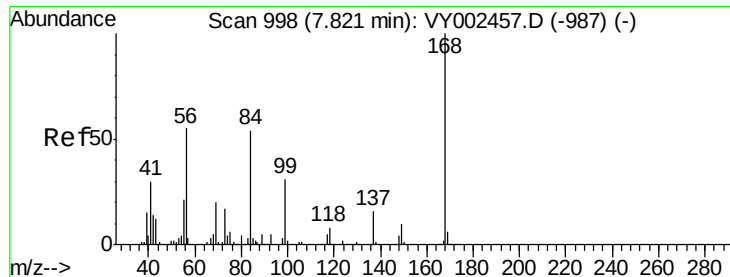
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002466.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_Y

ClientSampled :

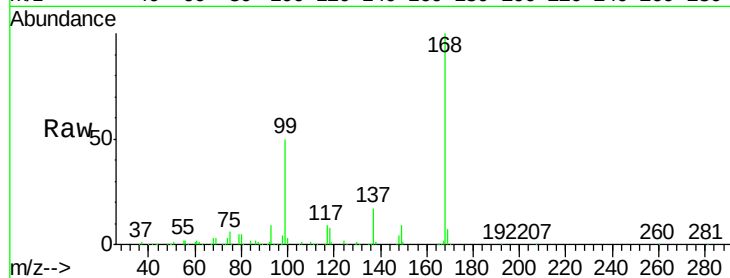
TP-21-(1-2)

Tot Ion:168 Resp: 299176

Ion Ratio Lower Upper

168 100

99 50.0 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

150000

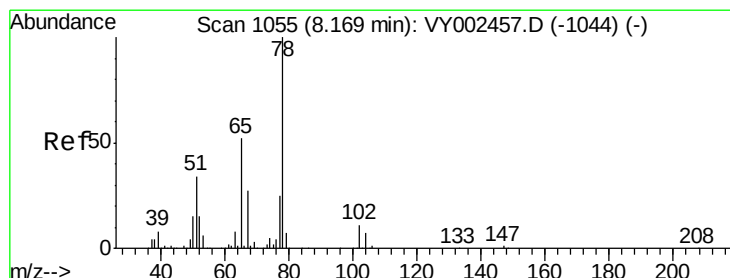
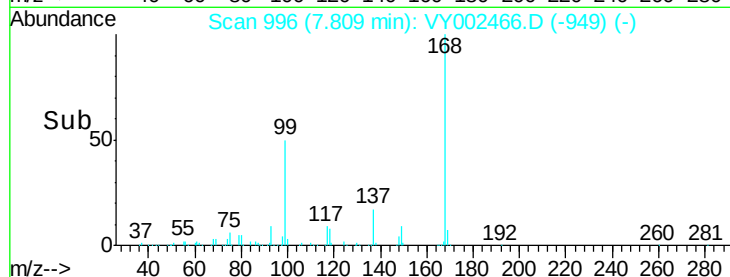
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.475 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002466.D

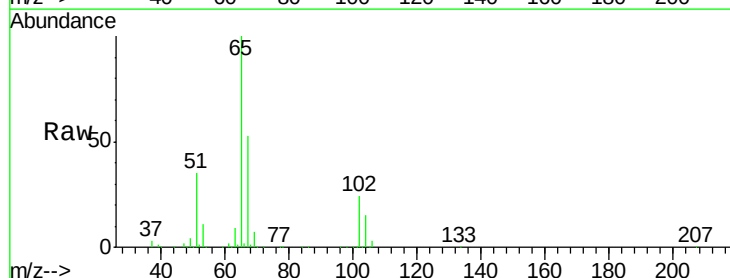
Acq: 23 Apr 2020 17:47

Tgt Ion: 65 Resp: 150290

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.16

80000

60000

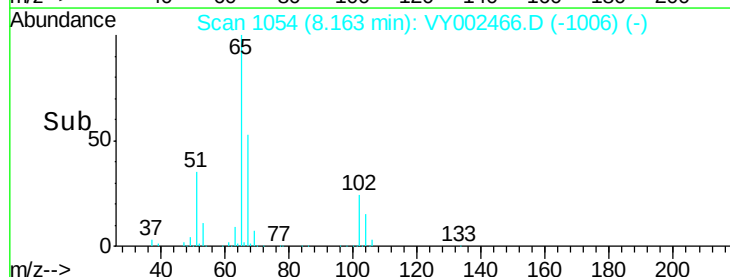
40000

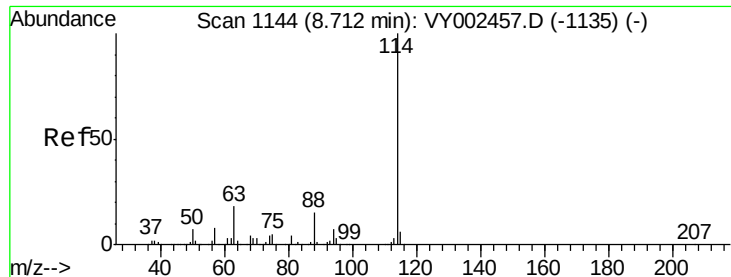
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002466.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-21-(1-2)

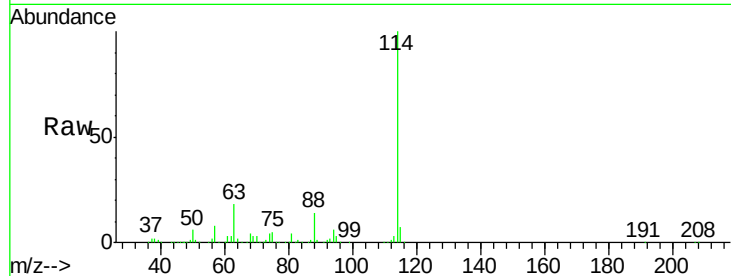
Tot Ion:114 Resp: 465594

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

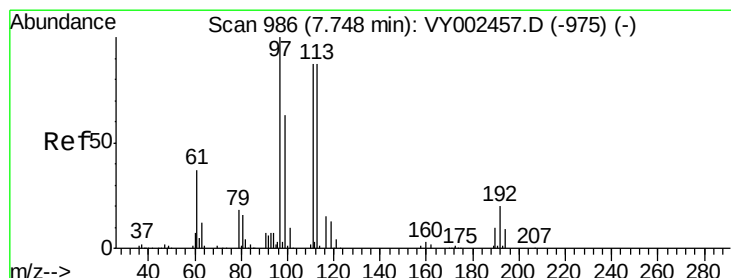
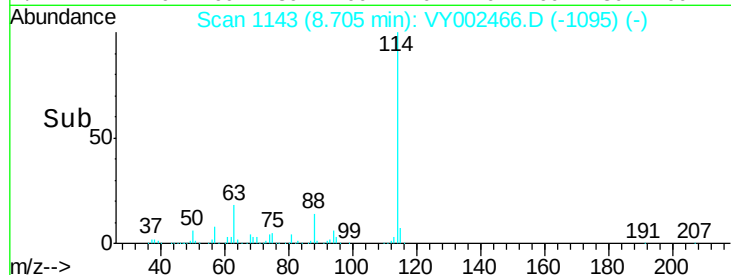
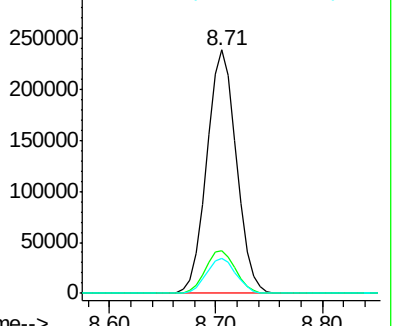
88 14.4 0.0 29.4



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: 53.163 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002466.D

Acq: 23 Apr 2020 17:47

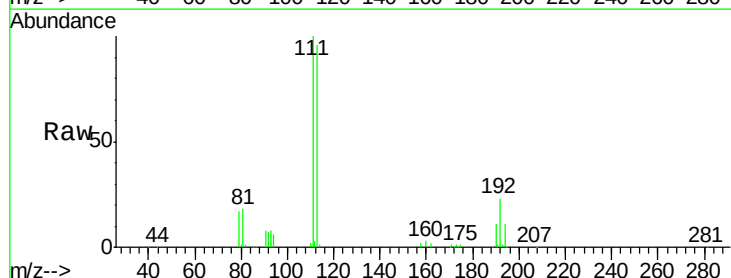
Tgt Ion:113 Resp: 139617

Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.4

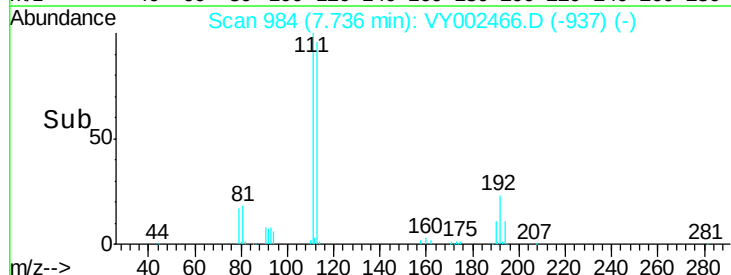
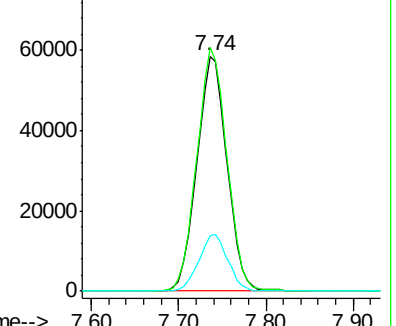
192 23.2 18.6 27.8

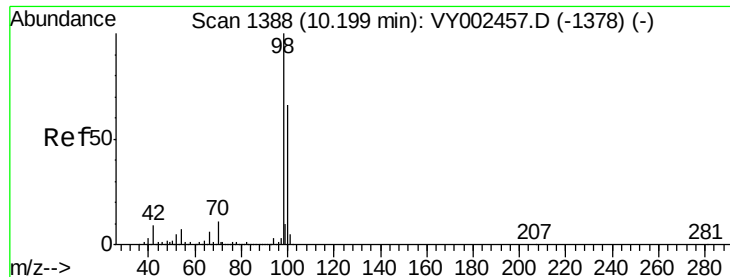


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.134 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002466.D

Acq: 23 Apr 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

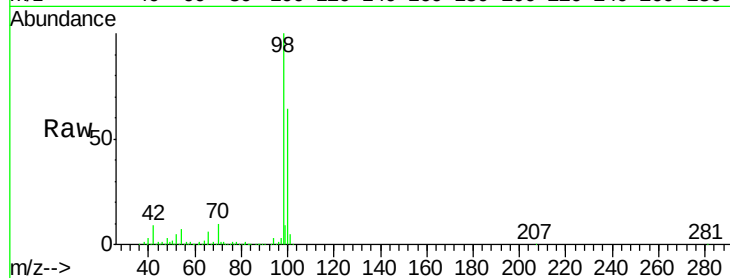
TP-21-(1-2)

Tot Ion: 98 Resp: 539739

Ion Ratio Lower Upper

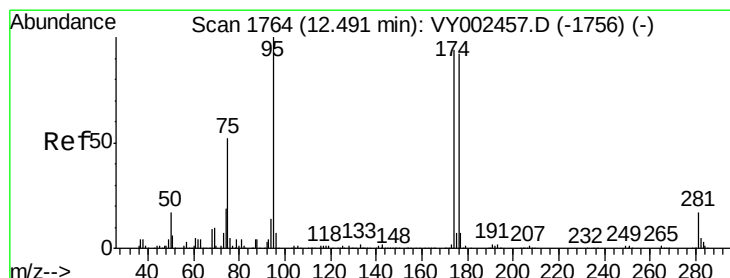
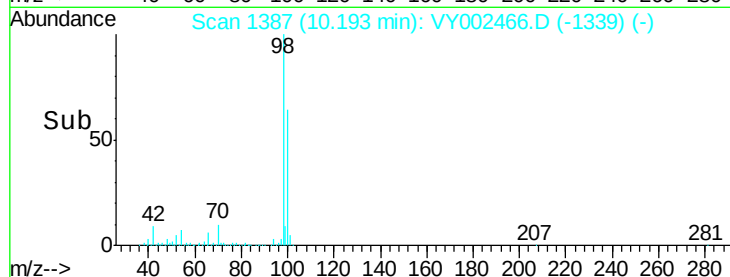
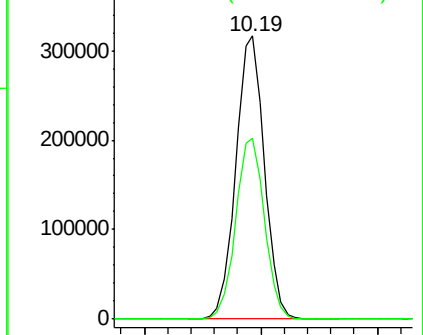
98 100

100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.040 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002466.D

Acq: 23 Apr 2020 17:47

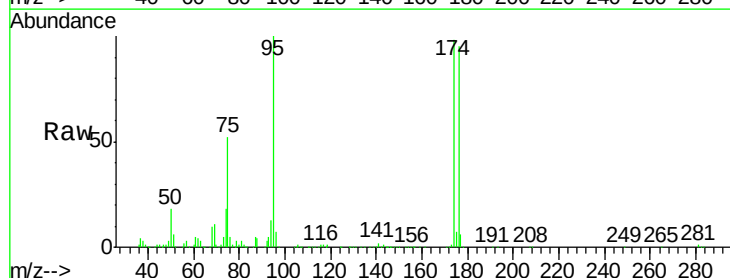
Tgt Ion: 95 Resp: 166602

Ion Ratio Lower Upper

95 100

174 96.1 0.0 193.0

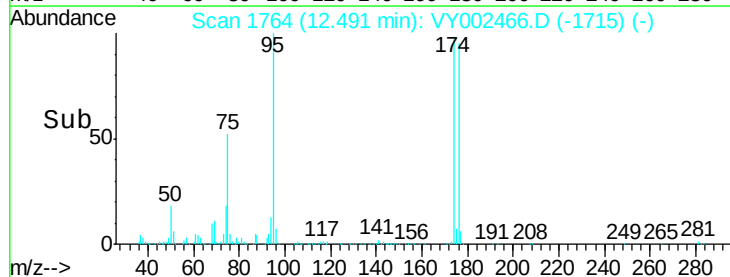
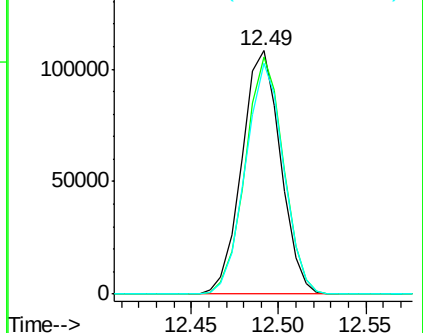
176 93.5 0.0 190.4

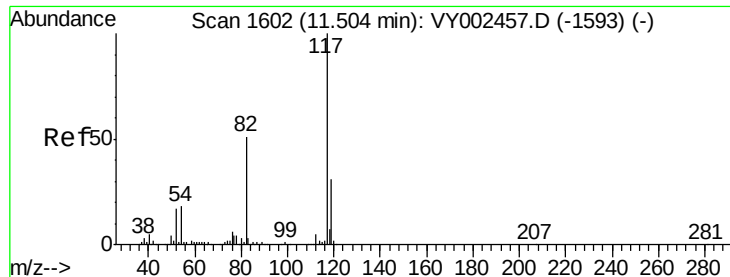


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

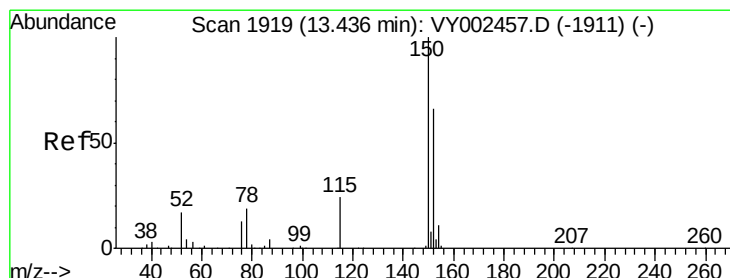
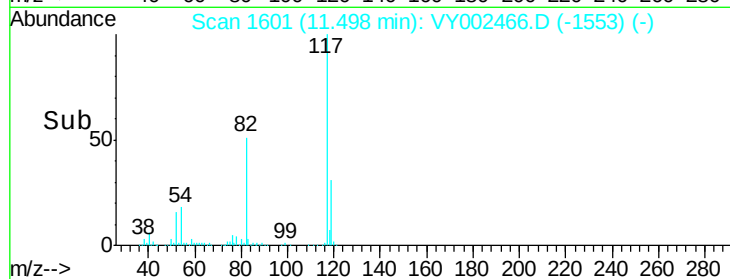
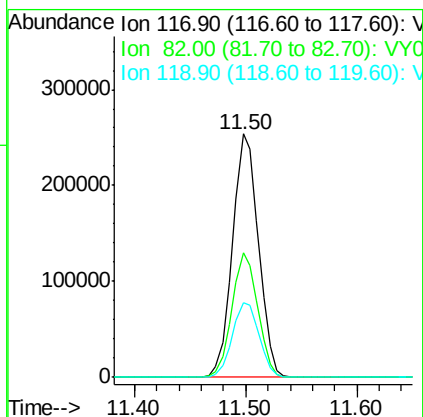
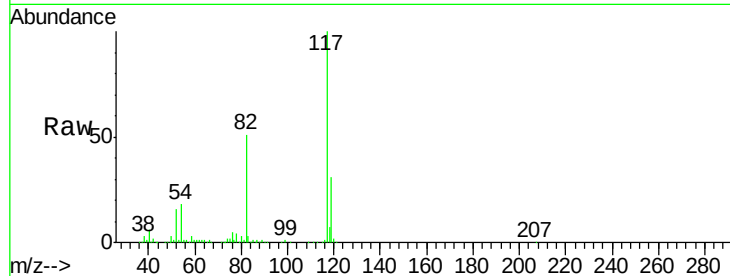




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002466.D
Acq: 23 Apr 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-21-(1-2)

Tot Ion:117 Resp: 408522
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 30.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002466.D
Acq: 23 Apr 2020 17:47

Tgt Ion:152 Resp: 191636
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.8
150 157.7 0.0 346.8

