

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001774.D
 Acq On : 26 Feb 2020 10:49
 Operator : SY/MD
 Sample : VY0226SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Quant Time: Feb 26 15:48:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	164899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	97645	55.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.74	113	90246	51.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.19	98	371453	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.49	95	126258	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

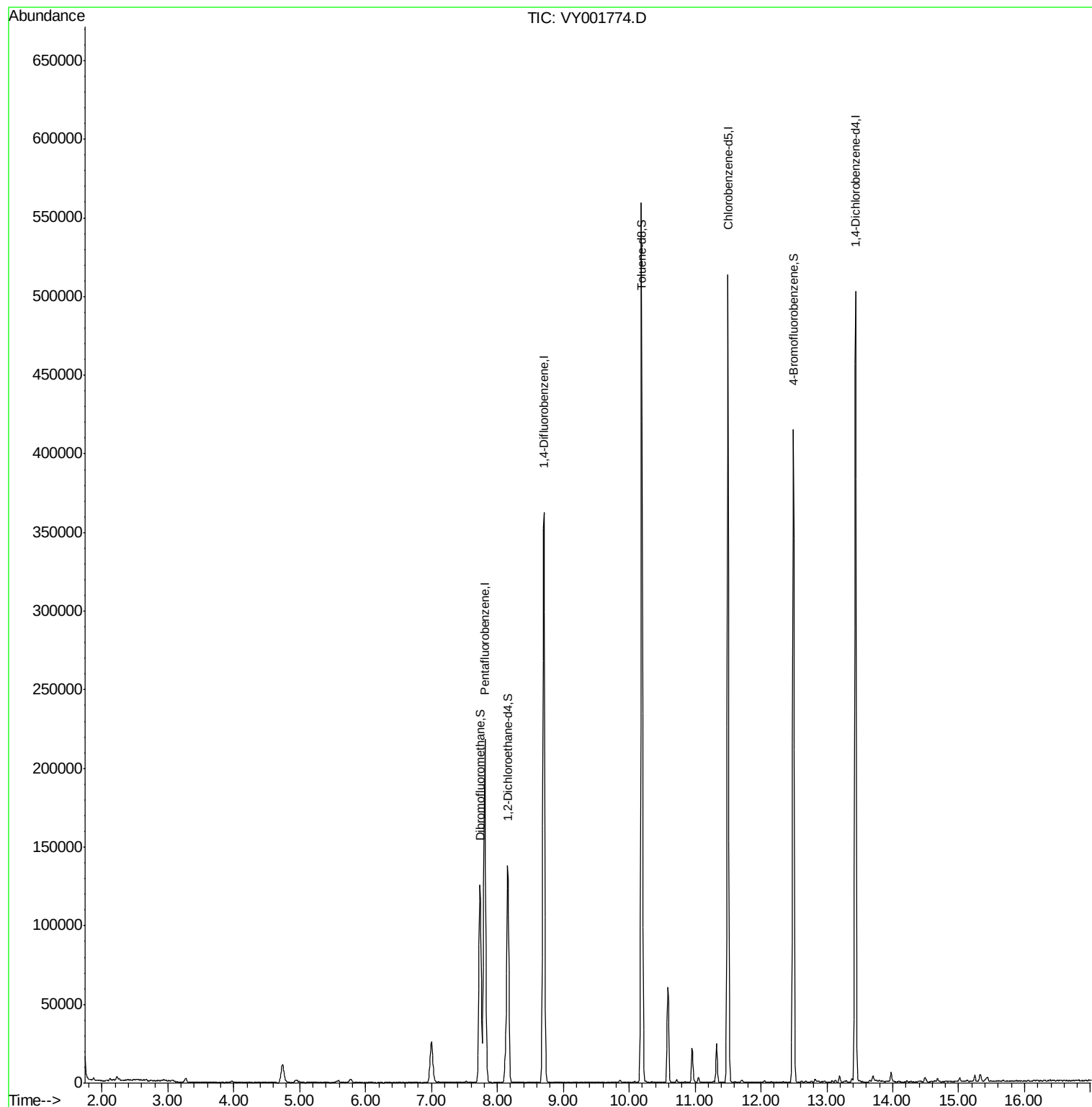
Target Compounds	Qvalue

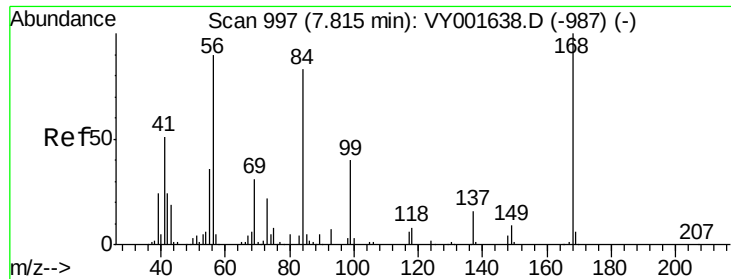
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

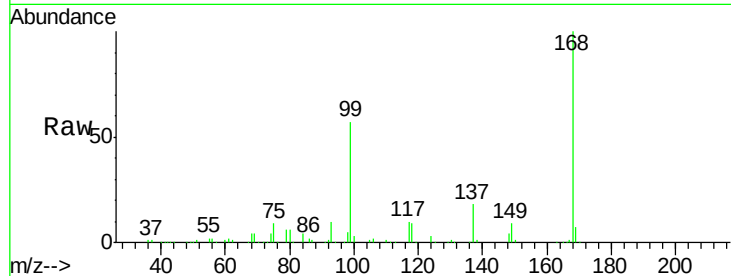
VY0226SBL01

Tot Ion:168 Resp: 164899

Ion Ratio Lower Upper

168 100

99 57.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

80000

60000

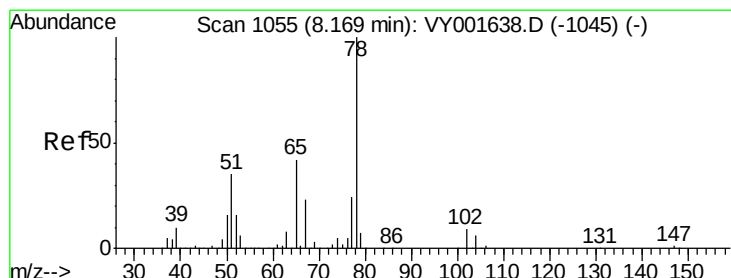
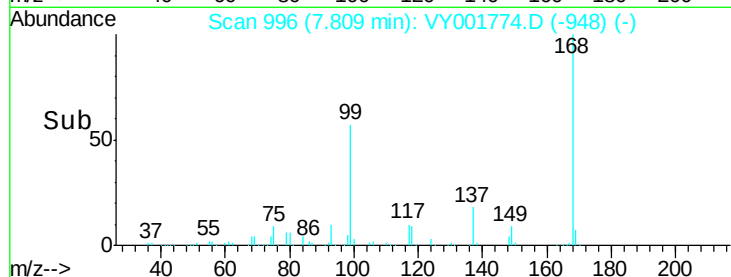
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.051 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001774.D

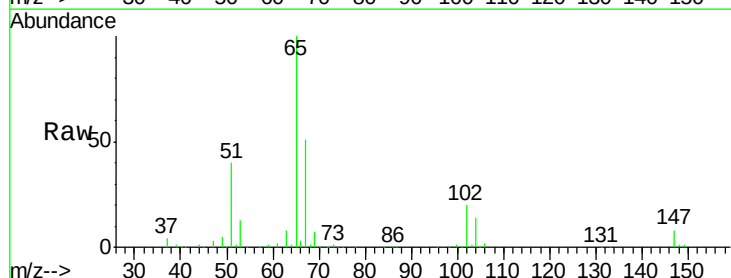
Acq: 26 Feb 2020 10:49

Tgt Ion: 65 Resp: 97645

Ion Ratio Lower Upper

65 100

67 56.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.16

50000

40000

30000

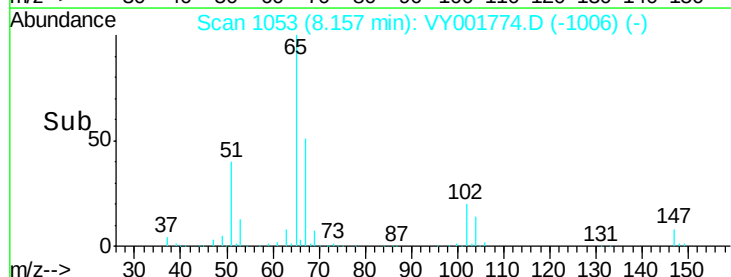
20000

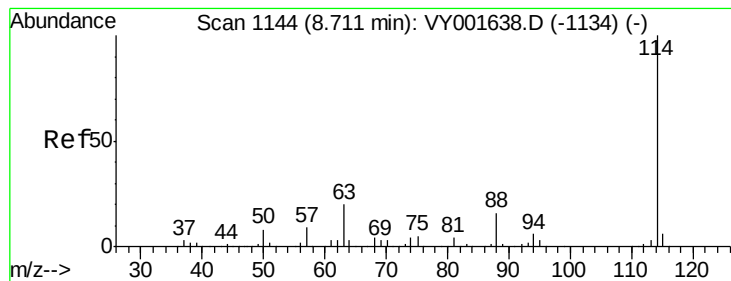
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01

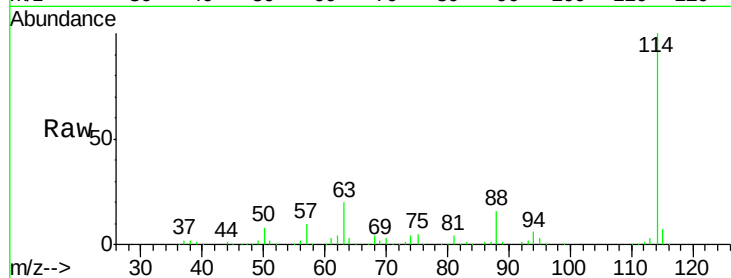
Tot Ion:114 Resp: 308955

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

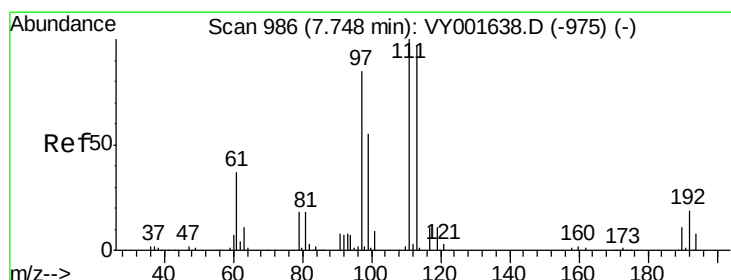
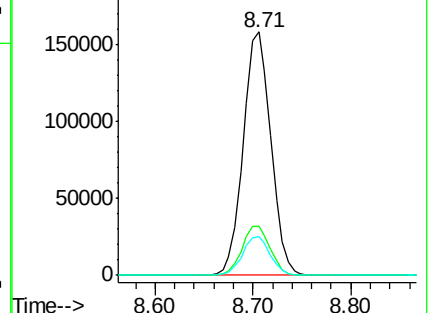
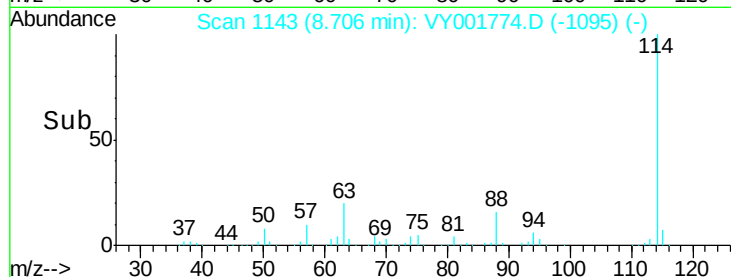
88 16.1 0.0 32.8



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: 50.999 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

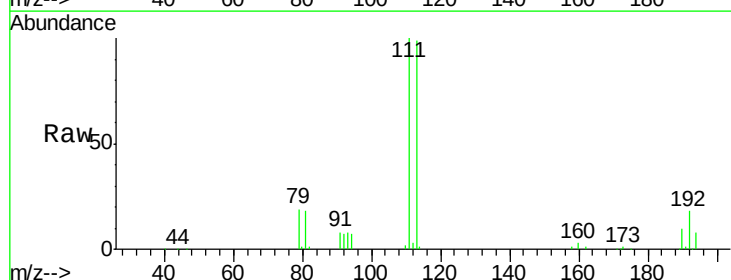
Tgt Ion:113 Resp: 90246

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

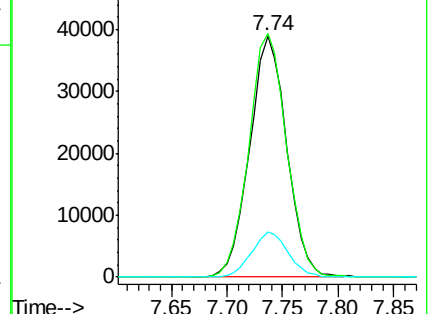
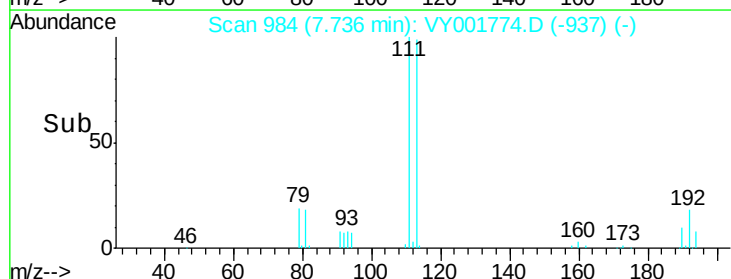
192 18.4 14.3 21.5

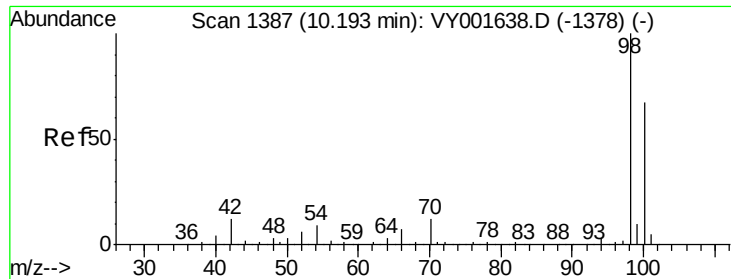


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.581 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

Instrument :

MSVOA_Y

ClientSampleId :

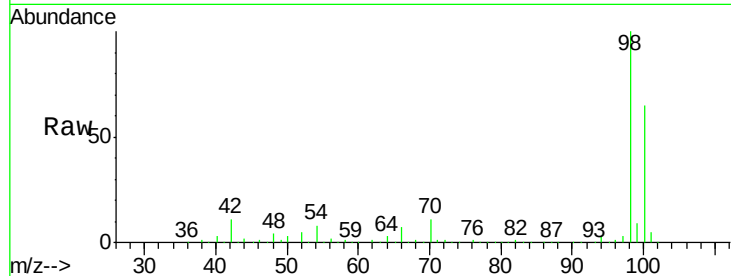
VY0226SBL01

Tot Ion: 98 Resp: 371453

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

250000

200000

150000

100000

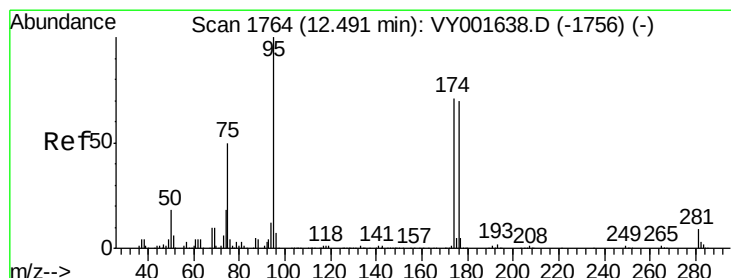
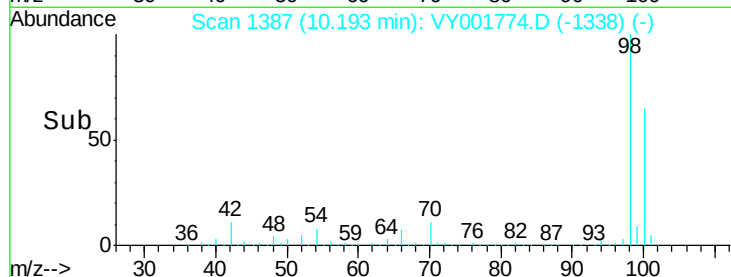
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 46.879 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001774.D

Acq: 26 Feb 2020 10:49

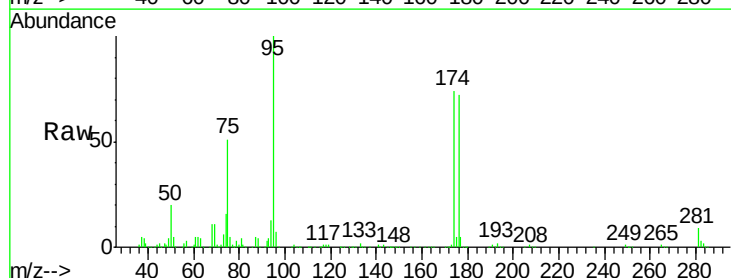
Tgt Ion: 95 Resp: 126258

Ion Ratio Lower Upper

95 100

174 73.5 0.0 138.4

176 71.8 0.0 131.8



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

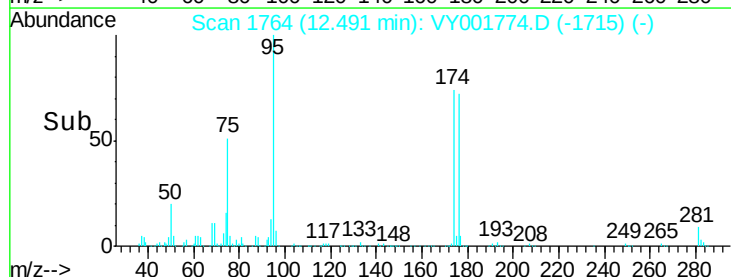
20000

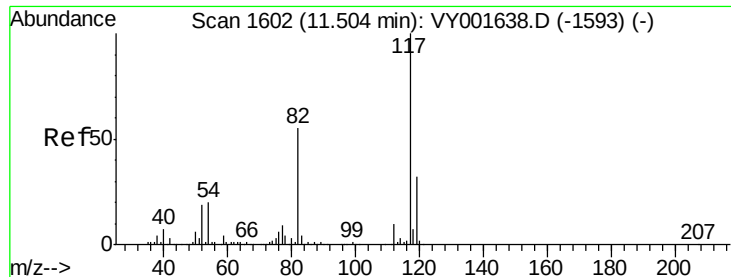
0

12.40

12.50

Time-->

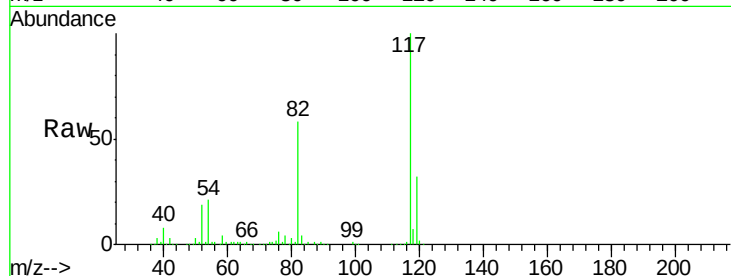




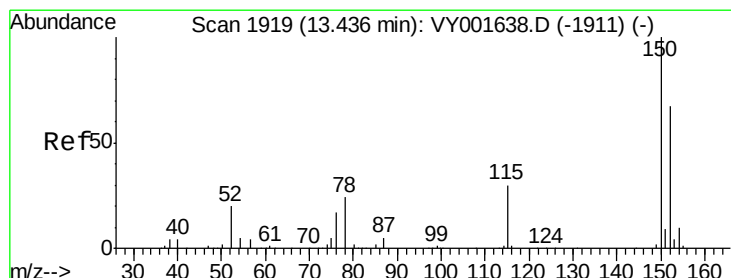
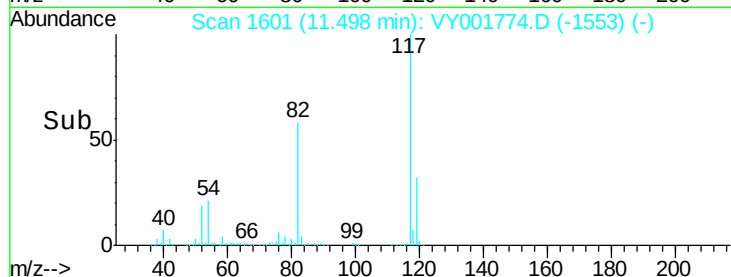
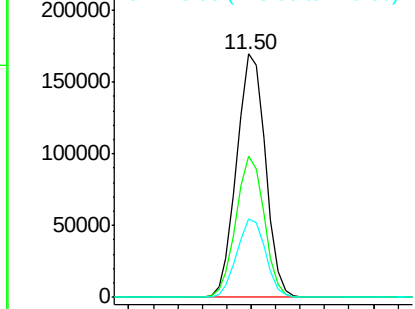
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001774.D
Acq: 26 Feb 2020 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tot Ion:117 Resp: 276197
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 32.3 25.8 38.6

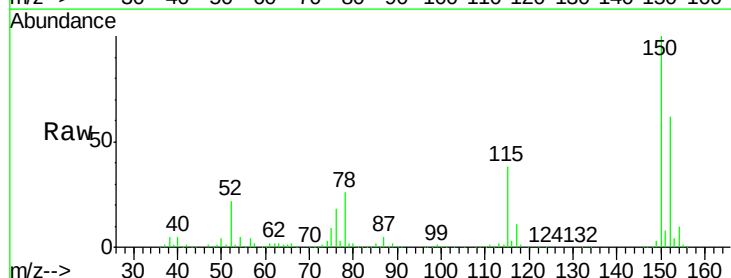


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001774.D
Acq: 26 Feb 2020 10:49

Tgt Ion:152 Resp: 120765
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 159.2 0.0 407.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

