

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001372.D
 Acq On : 24 Jan 2020 11:19
 Operator : SY/MD
 Sample : VY0124SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBL01

Quant Time: Jan 25 04:05:20 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	7.82	168	162483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	98031	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	7.74	113	89766	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.19	98	349220	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.49	95	128124	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

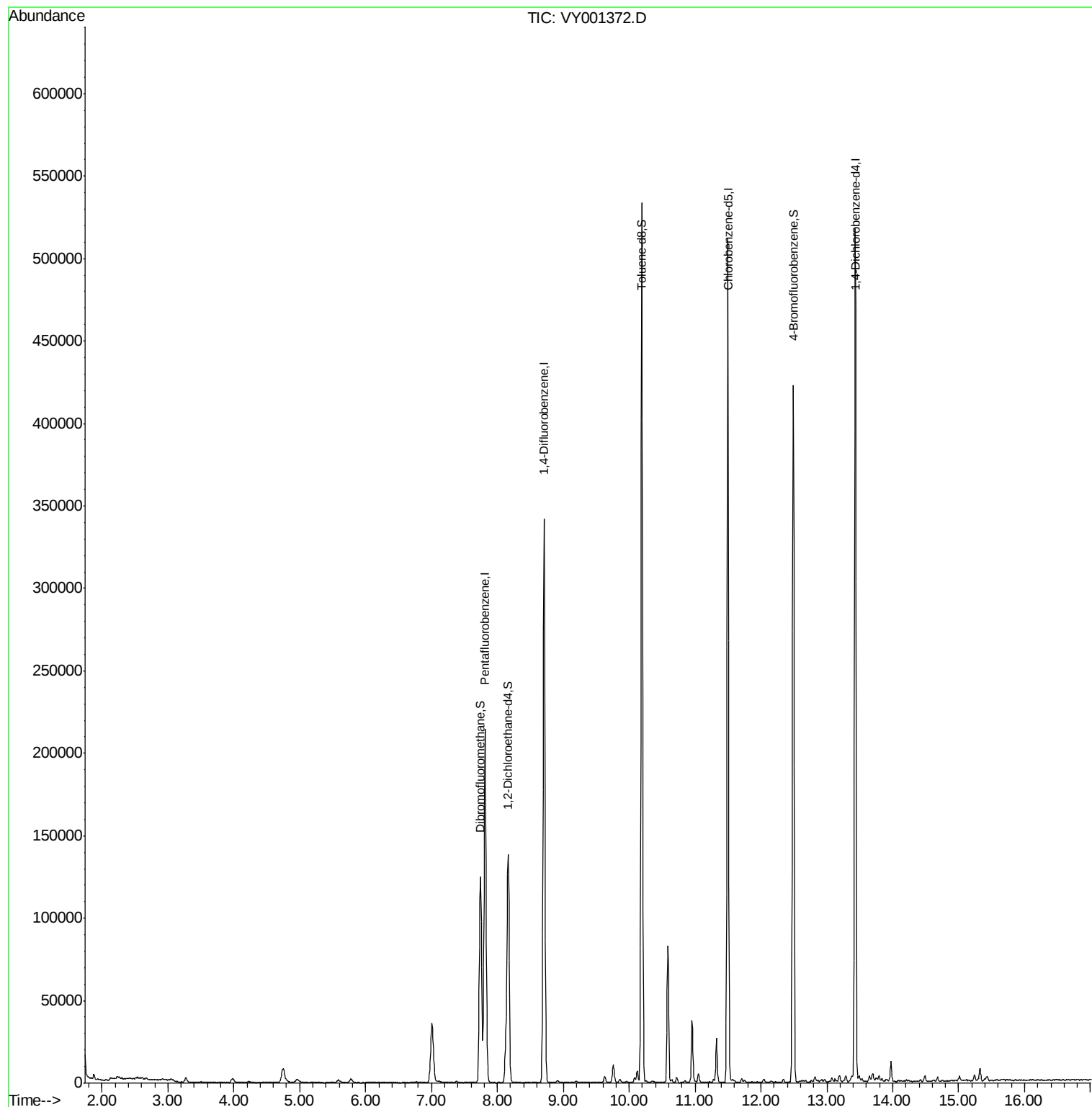
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

ClientSampleId :

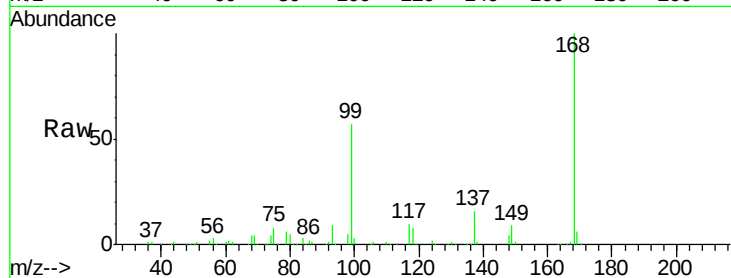
VY0124SBL01

Tot Ion:168 Resp: 162483

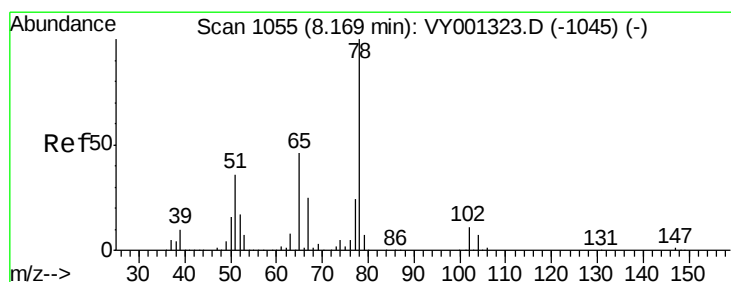
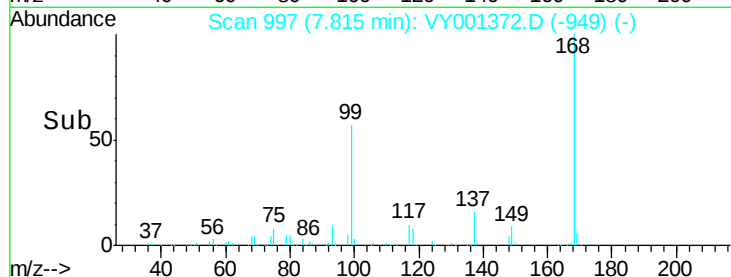
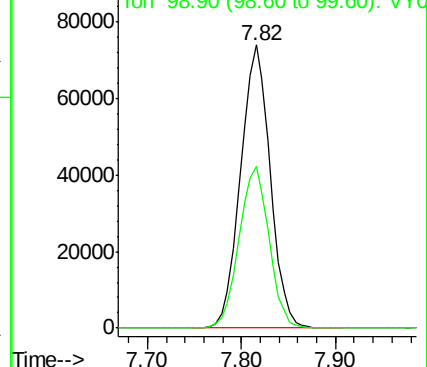
Ion Ratio Lower Upper

168 100

99 57.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001372.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.446 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001372.D

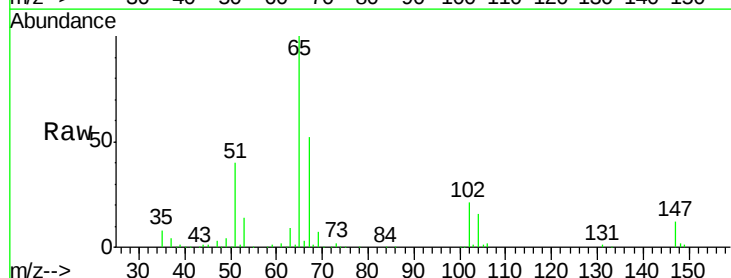
Acq: 24 Jan 2020 11:19

Tgt Ion: 65 Resp: 98031

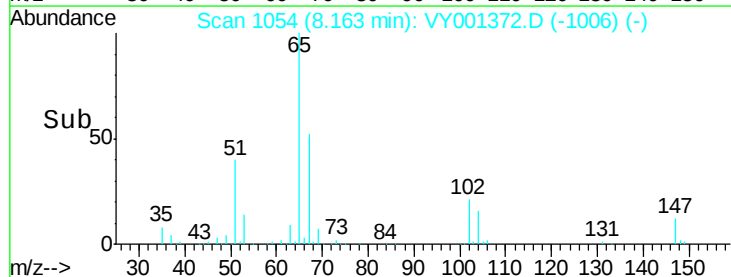
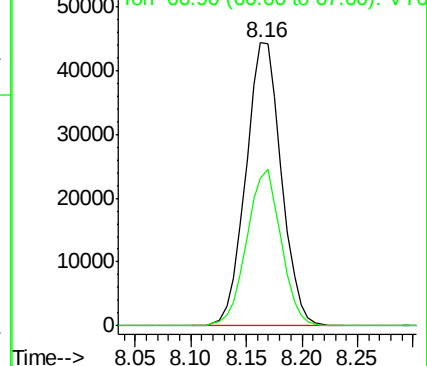
Ion Ratio Lower Upper

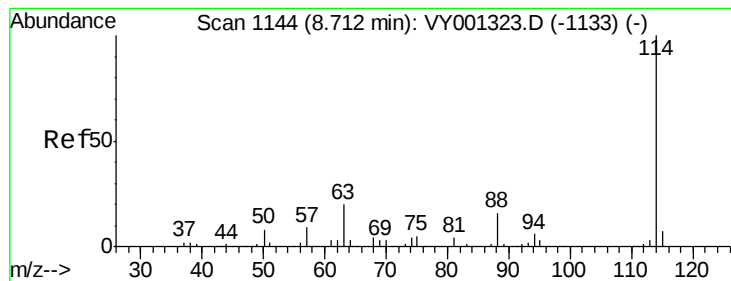
65 100

67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001372.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBL01

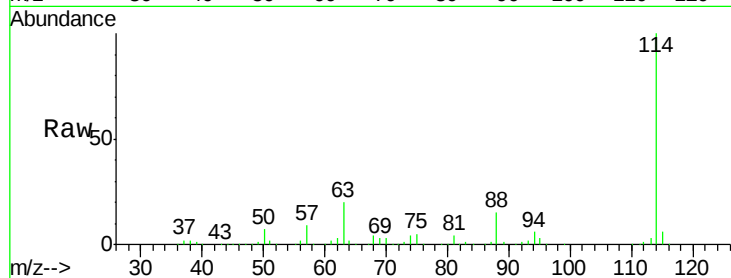
Tot Ion:114 Resp: 298954

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

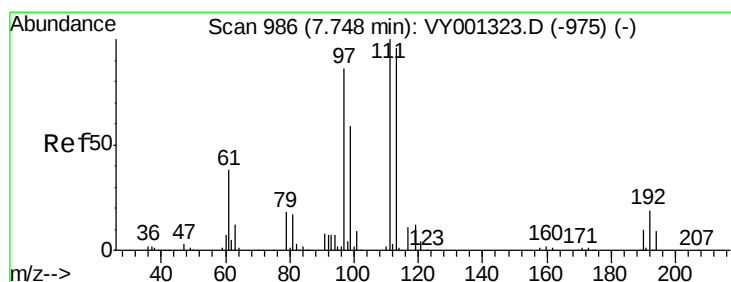
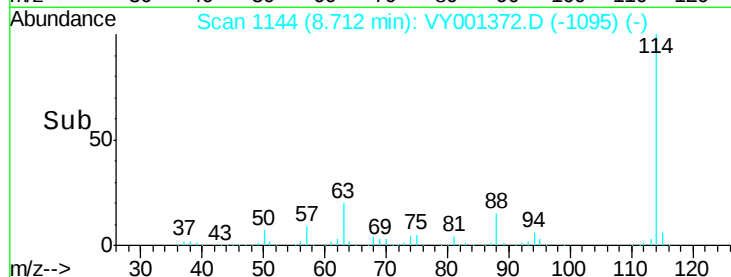
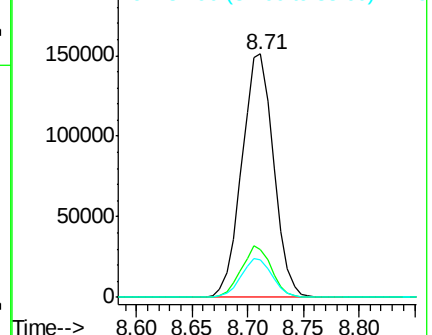
88 15.3 0.0 31.0



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: 51.160 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

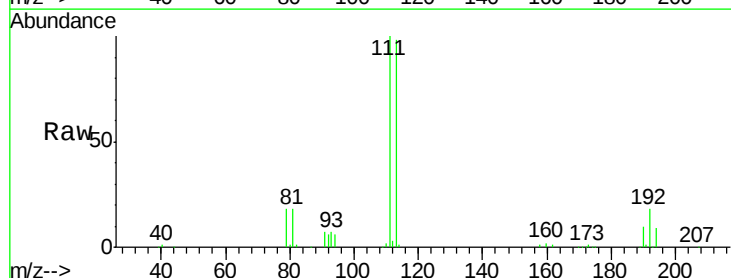
Tgt Ion:113 Resp: 89766

Ion Ratio Lower Upper

113 100

111 101.0 82.8 124.2

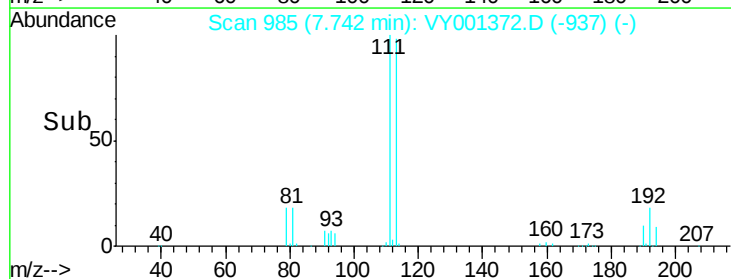
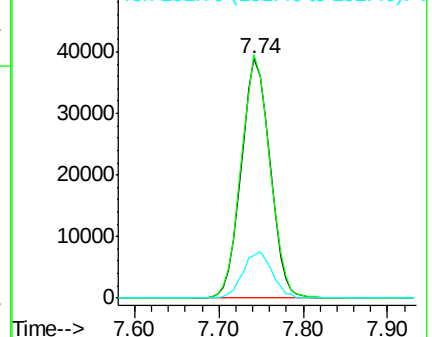
192 19.6 15.5 23.3

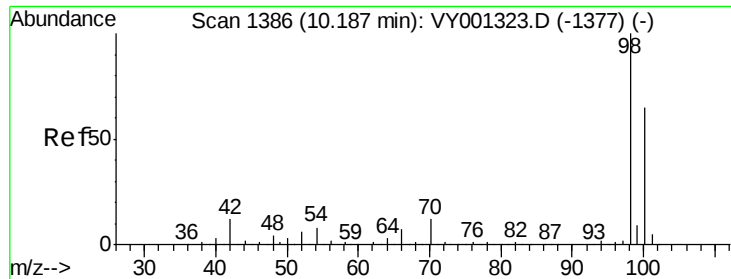


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.228 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

ClientSampleId :

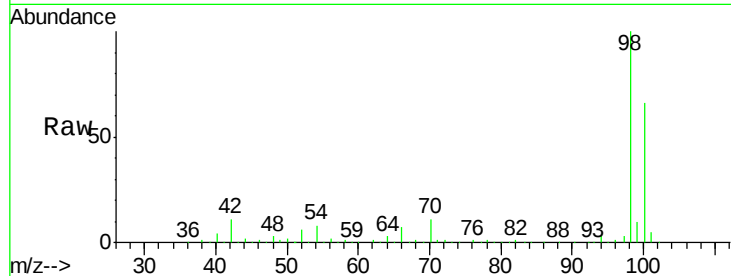
VY0124SBL01

Tot Ion: 98 Resp: 349220

Ion Ratio Lower Upper

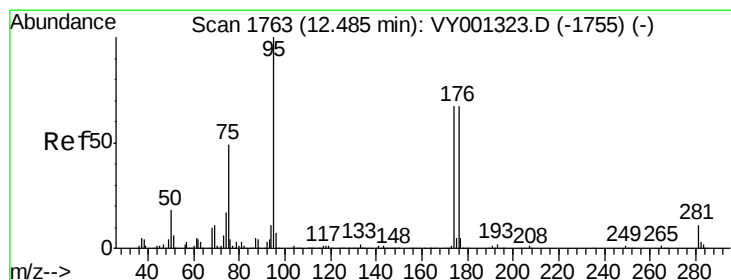
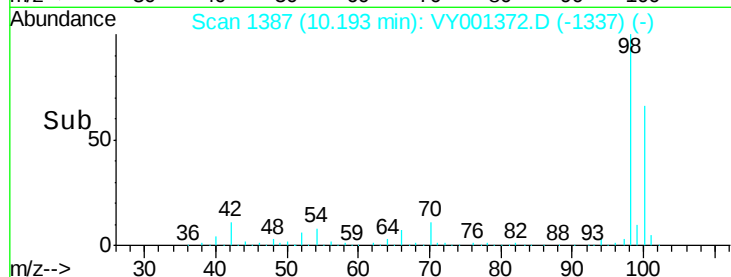
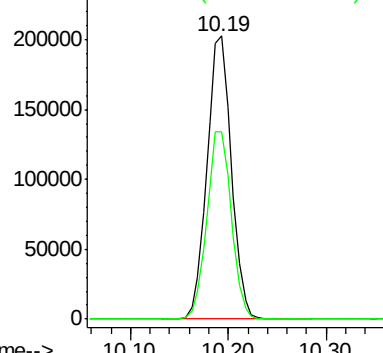
98 100

100 66.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

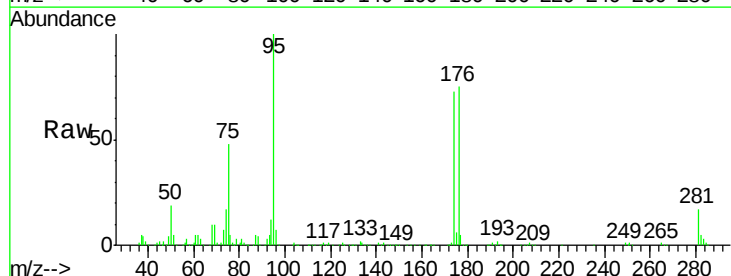
Tgt Ion: 95 Resp: 128124

Ion Ratio Lower Upper

95 100

174 75.4 0.0 142.0

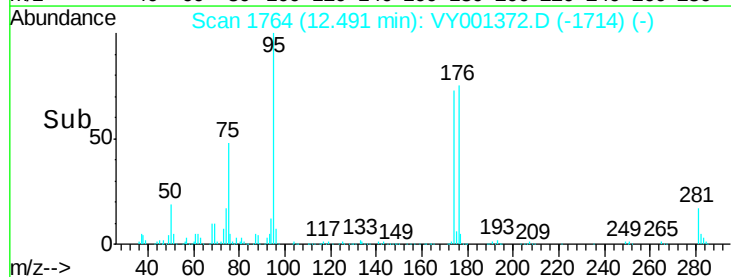
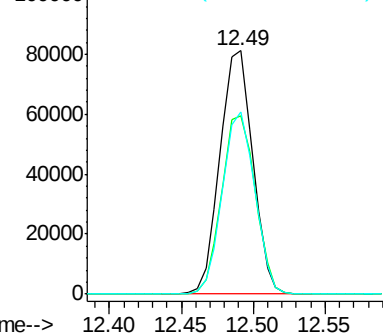
176 74.2 0.0 138.6

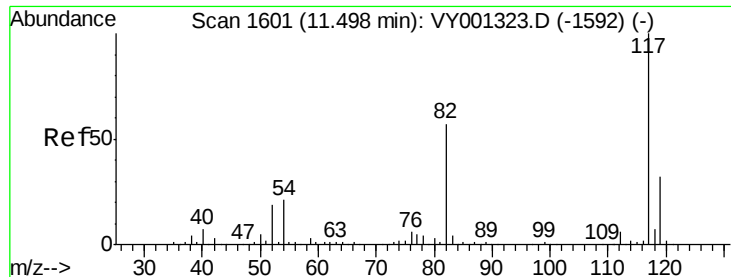


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

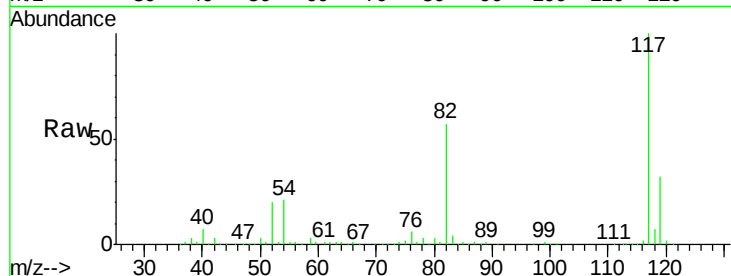




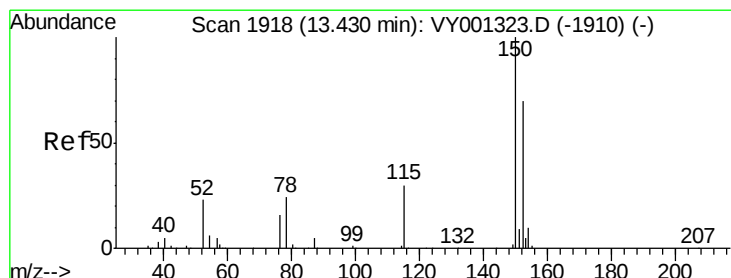
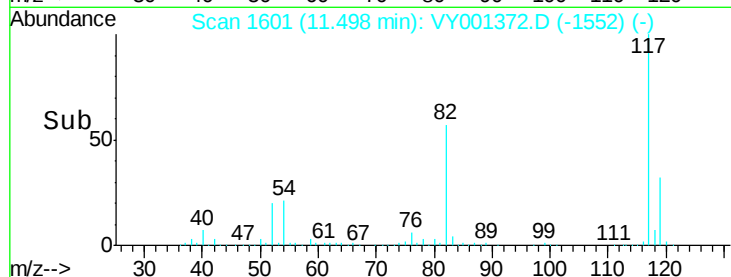
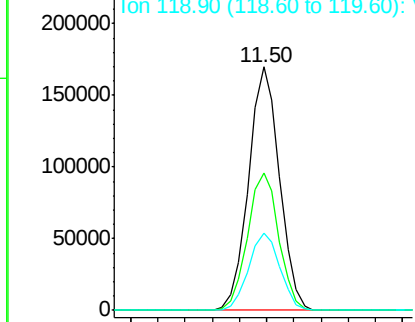
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBL01

Tot Ion:117 Resp: 270715
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 31.9 25.8 38.6

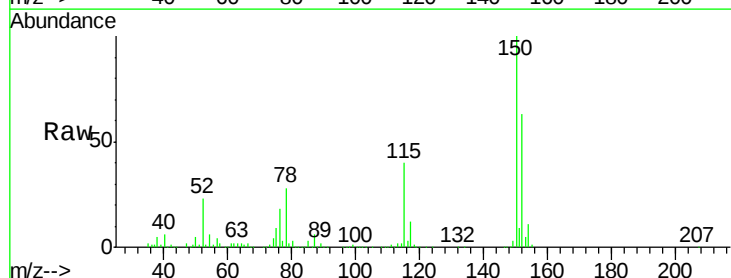


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Tgt Ion:152 Resp: 123556
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.8
150 160.6 0.0 349.2



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

