

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002095.D
 Acq On : 27 Mar 2020 11:13
 Operator : SY/MD
 Sample : VY0327SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBL01

Quant Time: Mar 30 08:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	135910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	261435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	86341	57.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.94%	
35) Dibromofluoromethane	7.73	113	77508	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.19	98	320498	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.48	95	109762	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

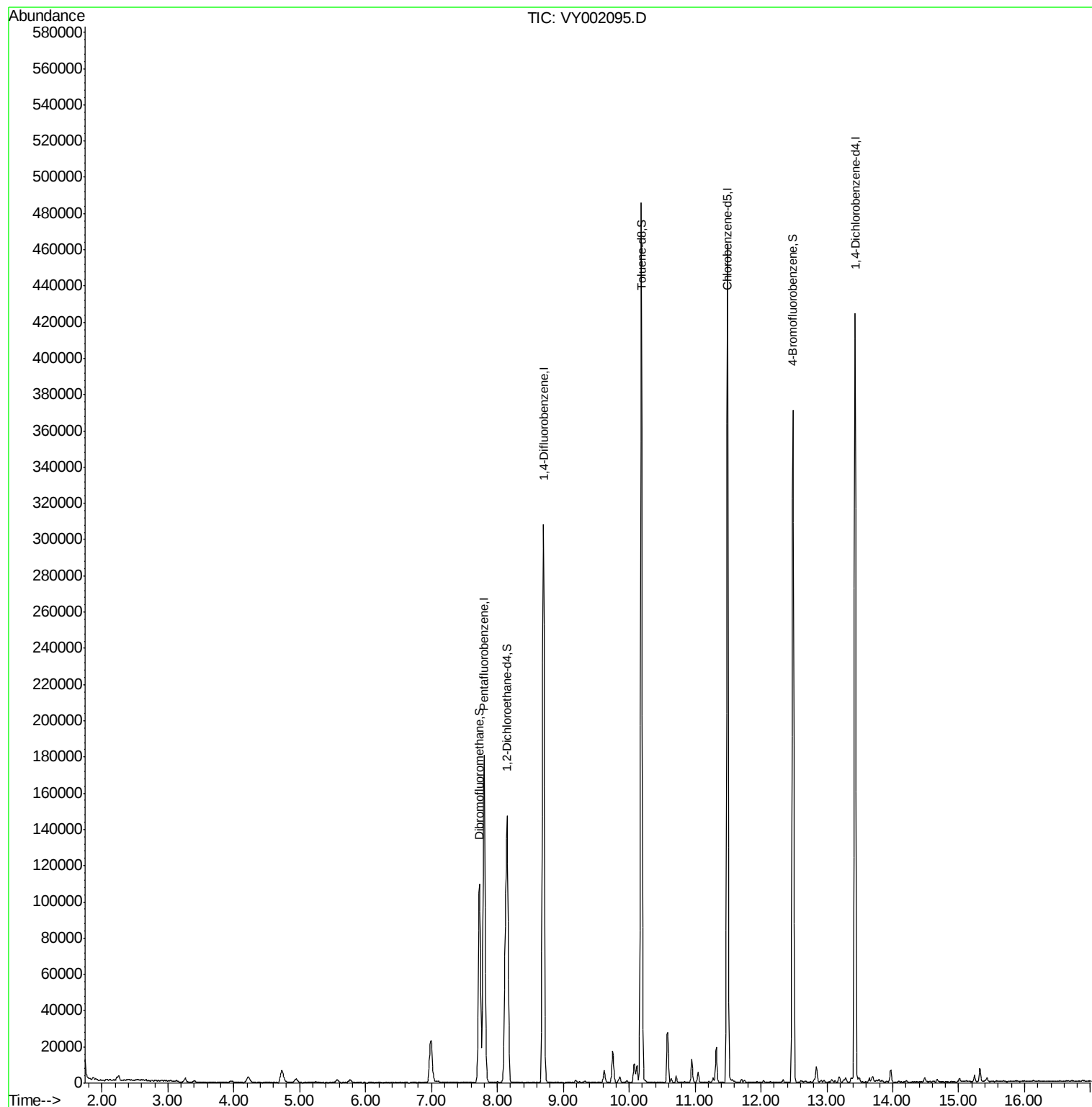
Target Compounds	Qvalue

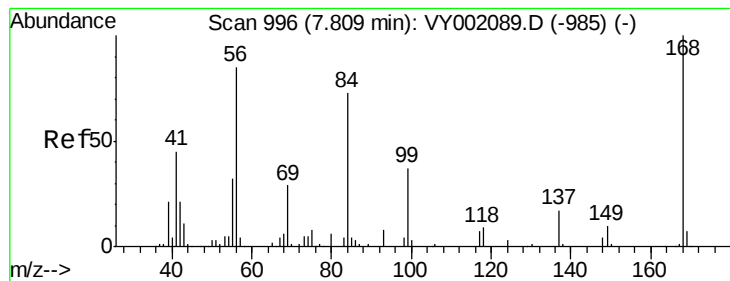
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

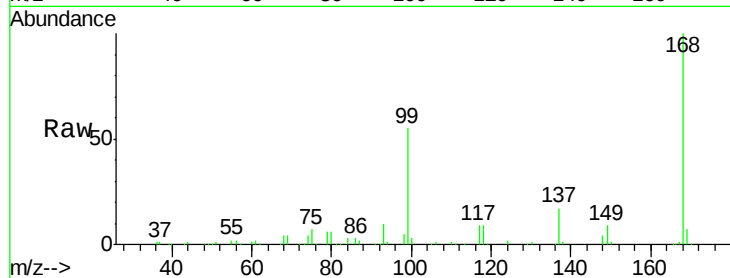
VY0327SBL01

Tot Ion:168 Resp: 135910

Ion Ratio Lower Upper

168 100

99 55.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.80

60000

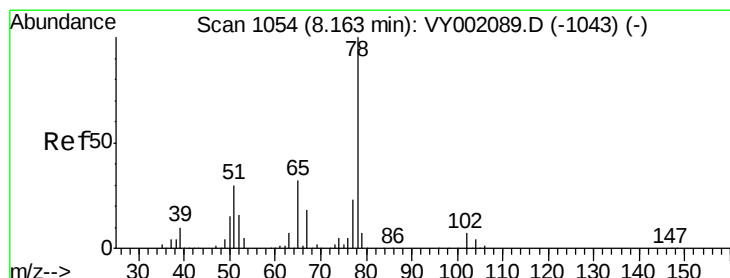
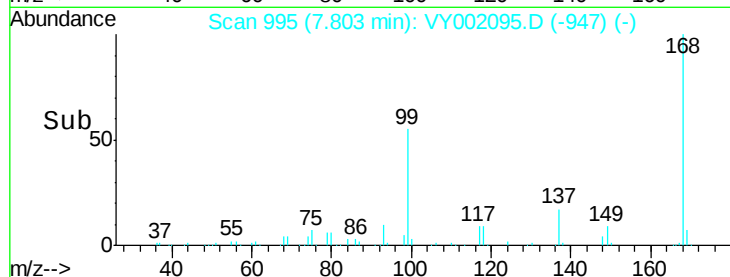
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.467 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002095.D

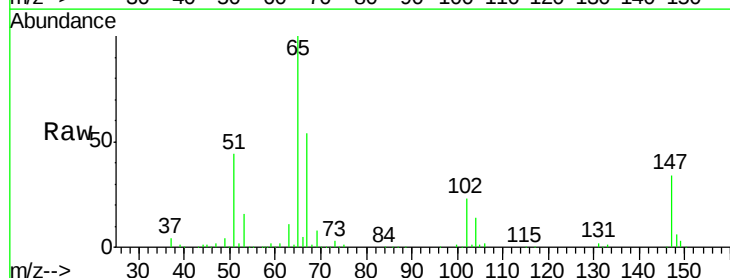
Acq: 27 Mar 2020 11:13

Tgt Ion: 65 Resp: 86341

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002089.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002089.D (-1043) (-)

8.15

40000

30000

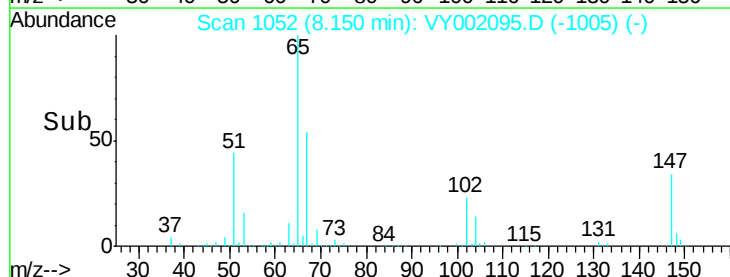
20000

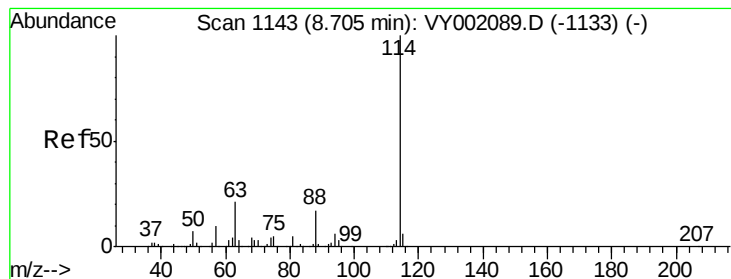
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01

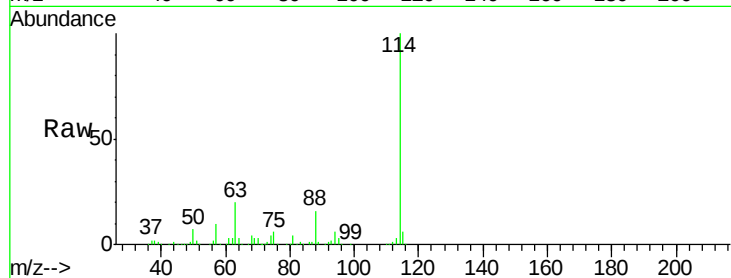
Tot Ion:114 Resp: 261435

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

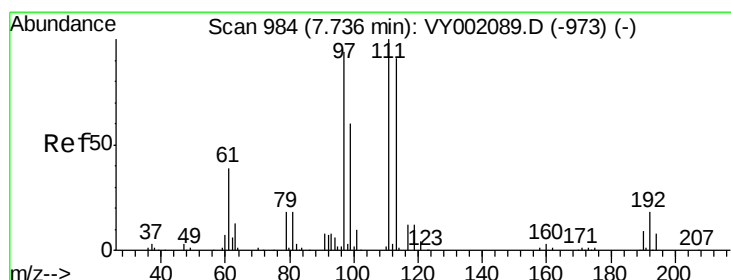
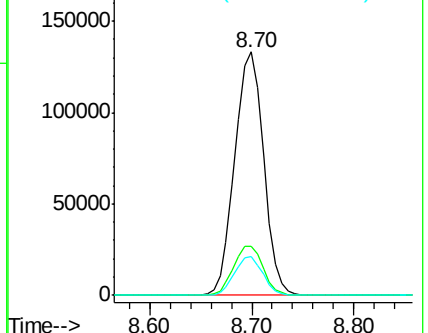
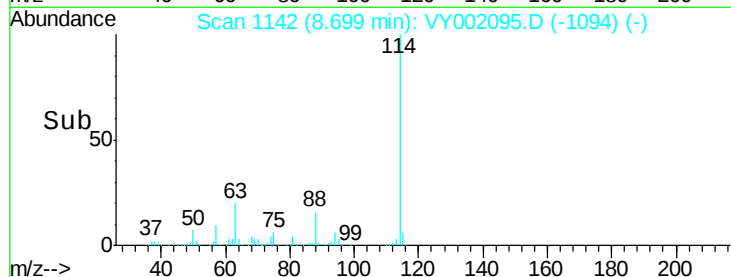
88 16.0 0.0 33.0



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: 52.912 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

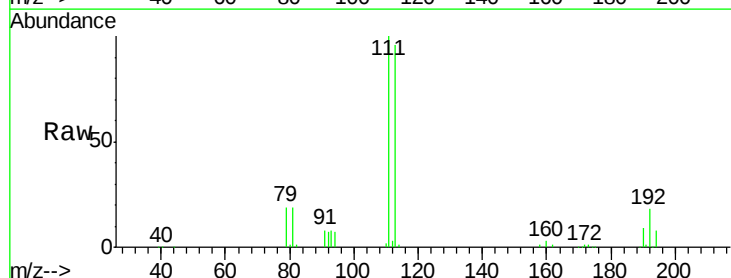
Tgt Ion:113 Resp: 77508

Ion Ratio Lower Upper

113 100

111 102.6 84.4 126.6

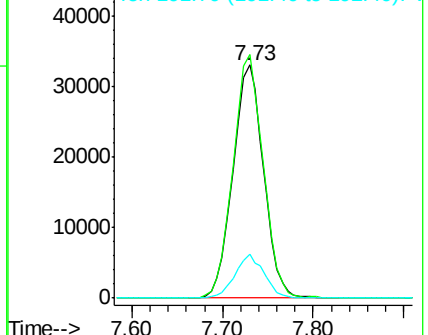
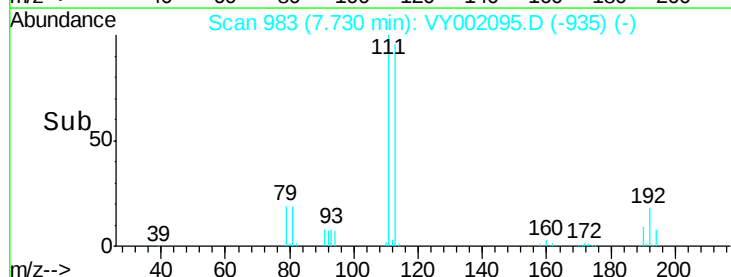
192 17.9 14.6 21.8

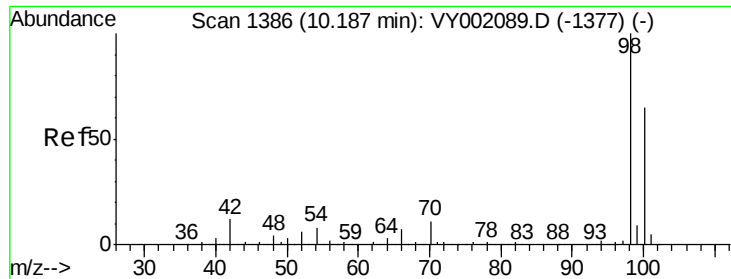


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.667 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

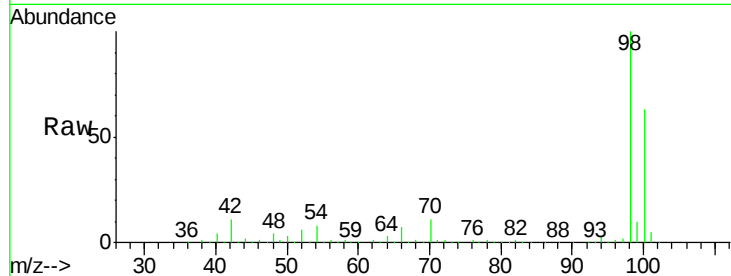
VY0327SBL01

Tot Ion: 98 Resp: 320498

Ion Ratio Lower Upper

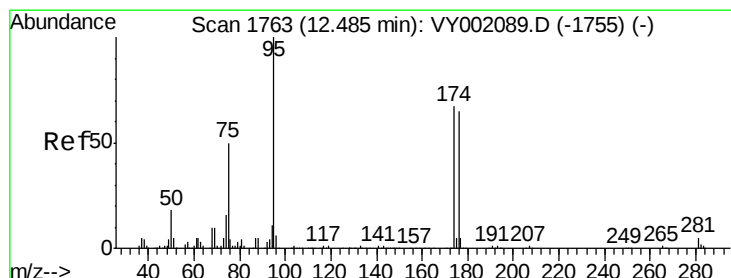
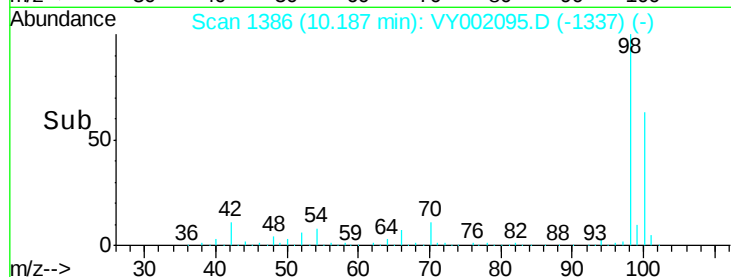
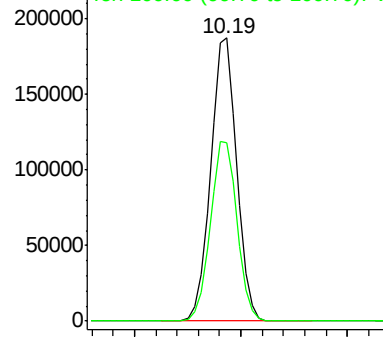
98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 51.574 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002095.D

Acq: 27 Mar 2020 11:13

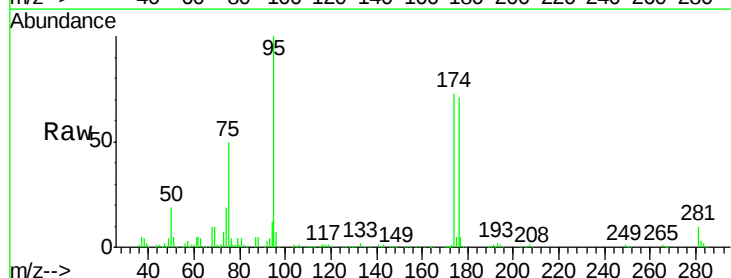
Tgt Ion: 95 Resp: 109762

Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.4

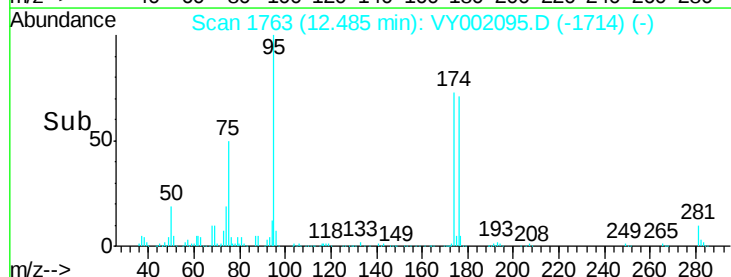
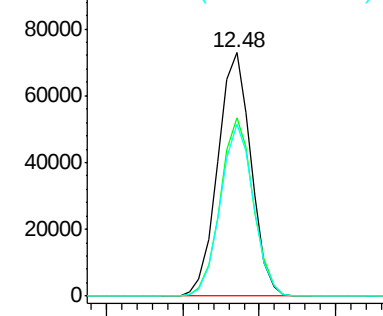
176 70.2 0.0 137.0

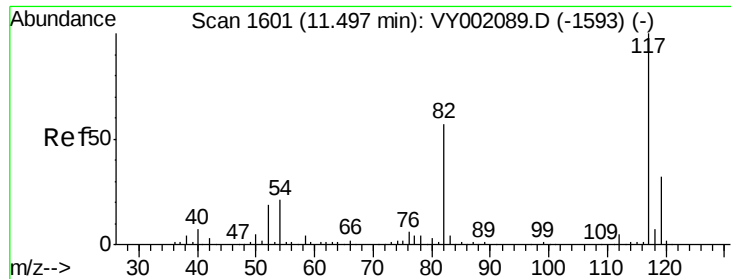


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

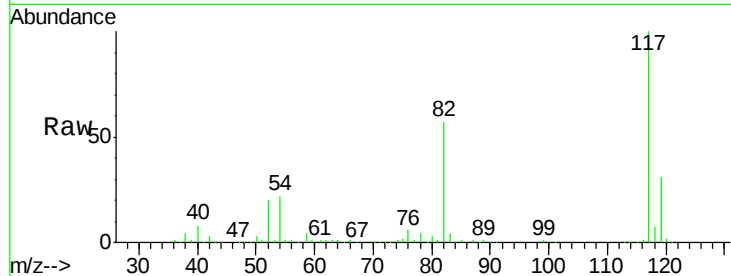




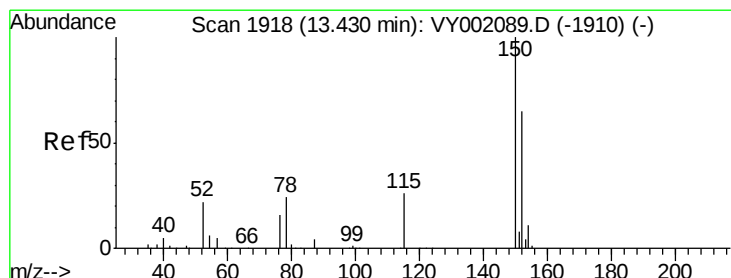
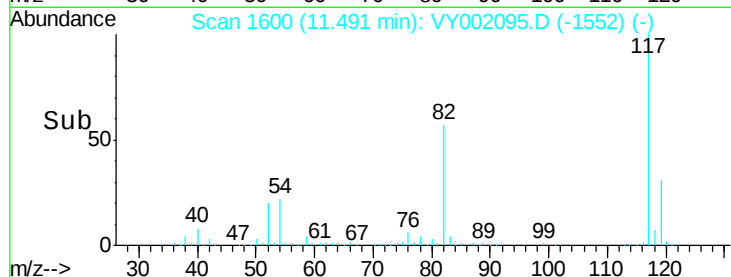
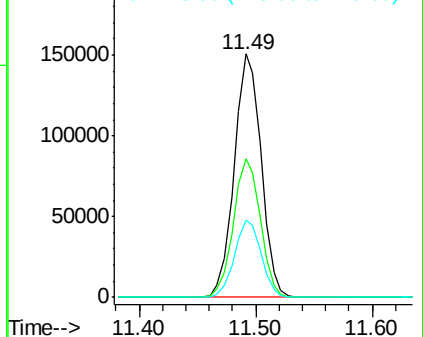
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

Tot Ion:117 Resp: 242480
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.5 25.3 37.9

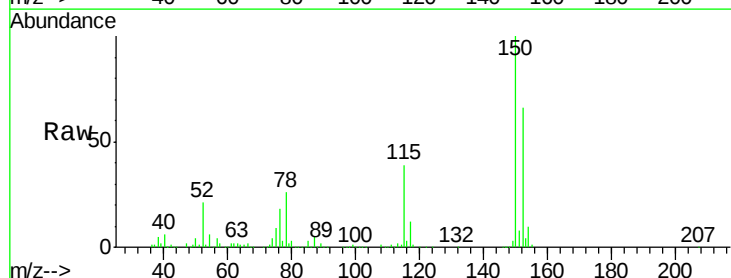


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002095.D
Acq: 27 Mar 2020 11:13

Tgt Ion:152 Resp: 105437
Ion Ratio Lower Upper
152 100
115 61.0 31.2 93.6
150 157.3 0.0 354.8



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

