

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001556.D
 Acq On : 07 Feb 2020 16:03
 Operator : SY/MD
 Sample : L1421-01RE
 Misc : 4.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12017RE

Quant Time: Feb 08 03:05:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	100927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	165599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	128228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	52709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	47943	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	7.74	113	44347	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	10.19	98	191030	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.49	95	55610	39.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.14%	

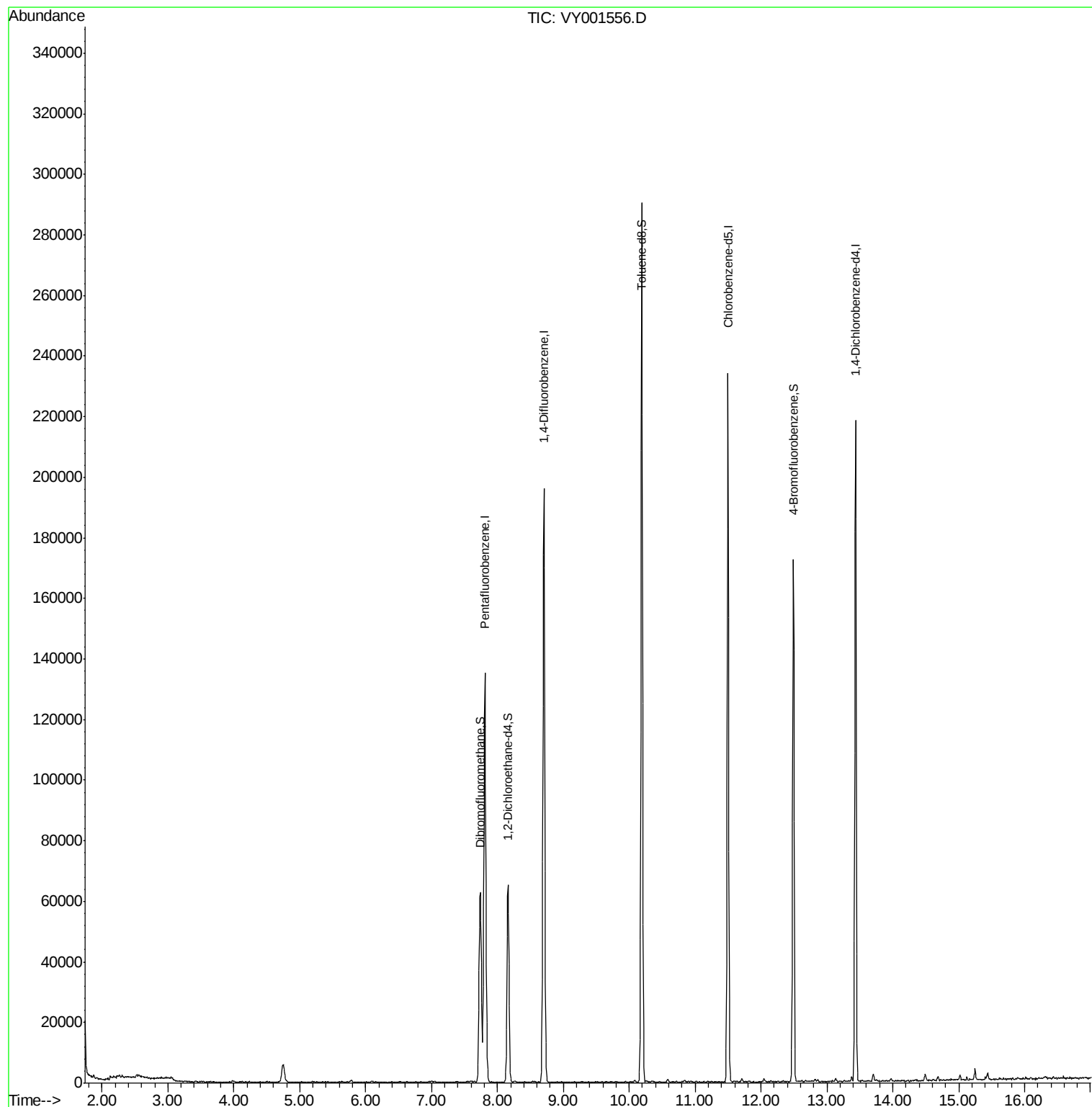
Target Compounds	Qvalue

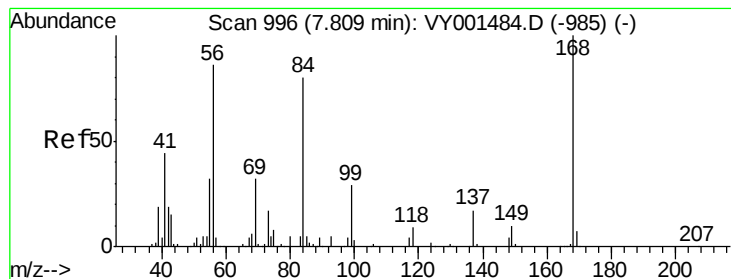
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
Data File : VY001556.D
Acq On : 07 Feb 2020 16:03
Operator : SY/MD
Sample : L1421-01RE
Misc : 4.88G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-12017RE

Quant Time: Feb 08 03:05:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

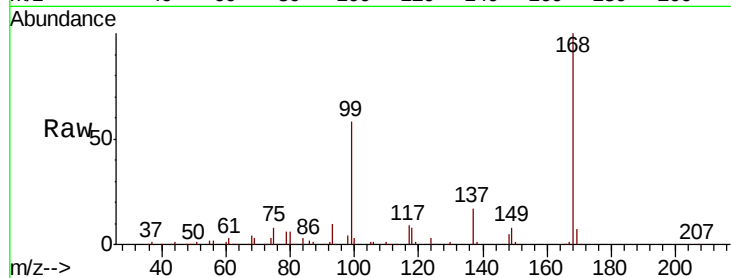
72-12017RE

Tot Ion:168 Resp: 100927

Ion Ratio Lower Upper

168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.81

50000

40000

30000

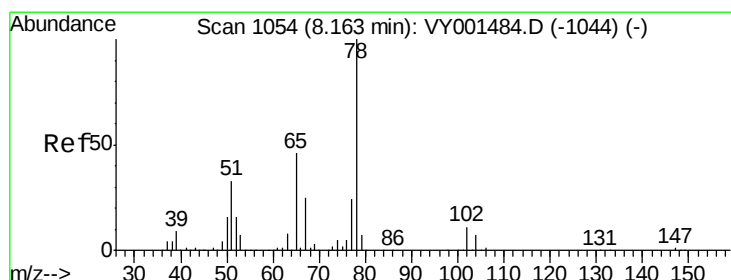
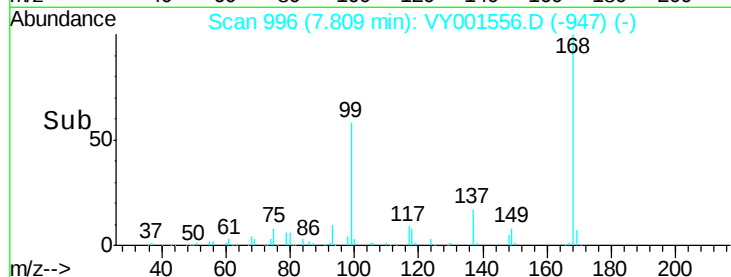
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 47.179 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY001556.D

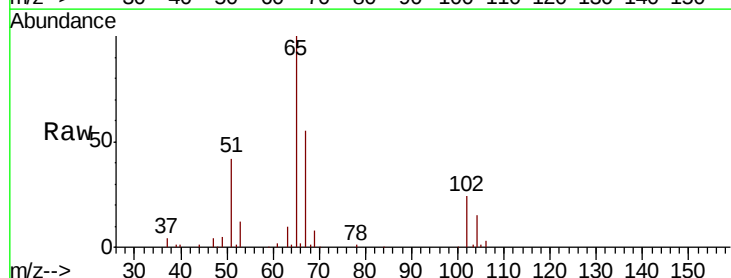
Acq: 07 Feb 2020 16:03

Tgt Ion: 65 Resp: 47943

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)

8.16

25000

20000

15000

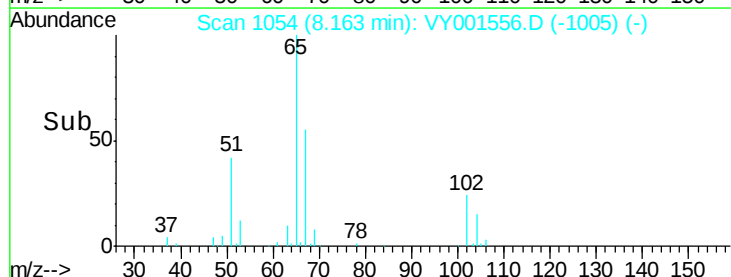
10000

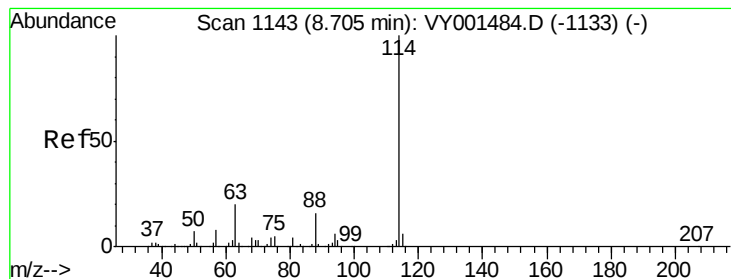
5000

0

Time-->

8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

72-12017RE

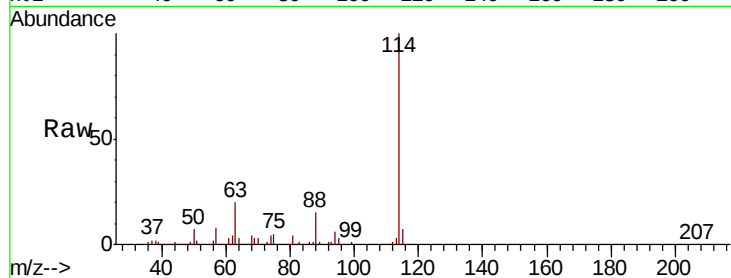
Tot Ion:114 Resp: 165599

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

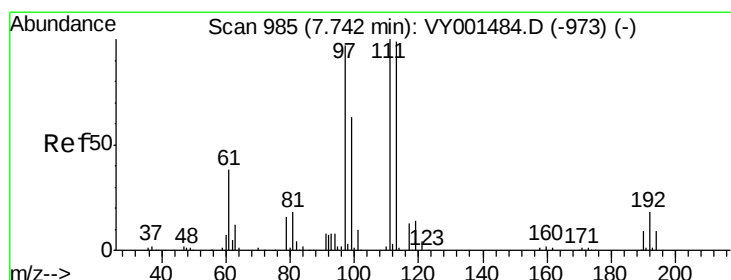
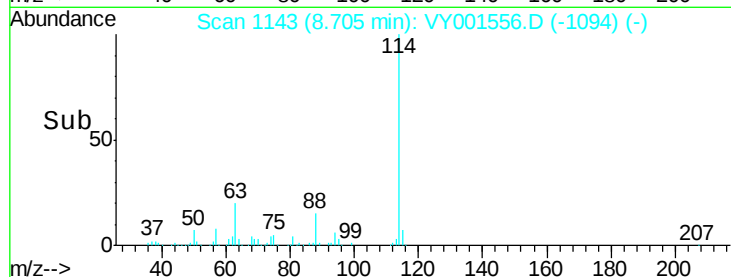
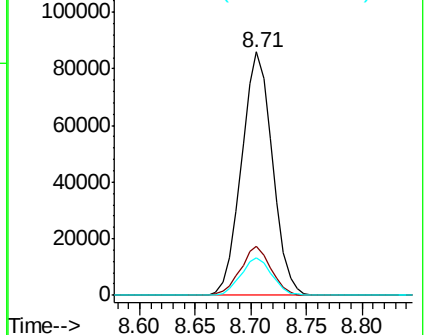
88 15.4 0.0 32.6



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: 46.440 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.00 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

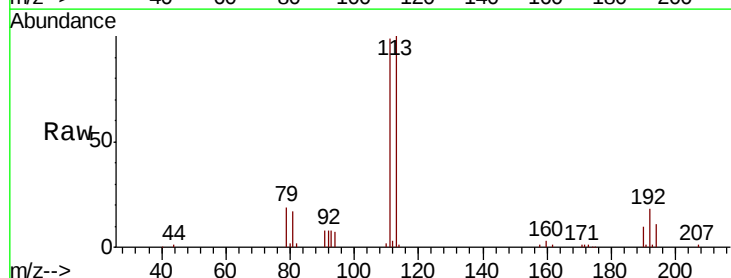
Tgt Ion:113 Resp: 44347

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

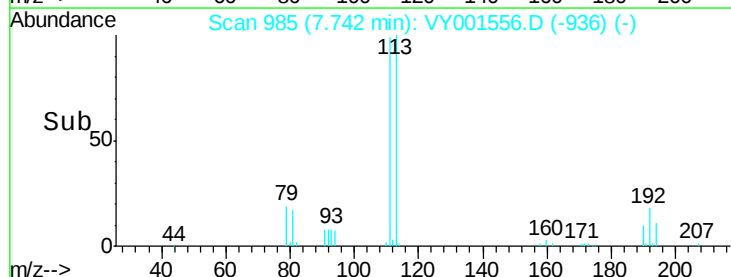
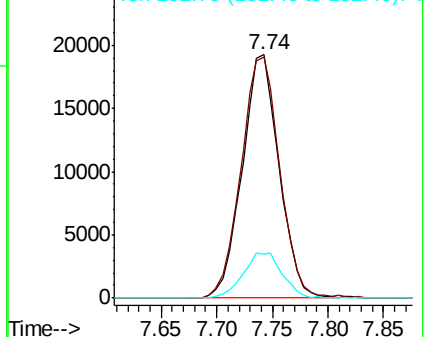
192 19.8 14.6 22.0

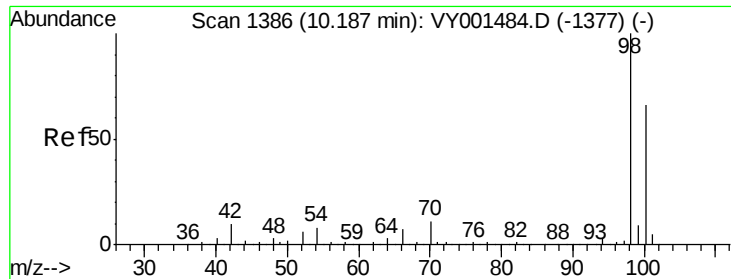


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.875 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

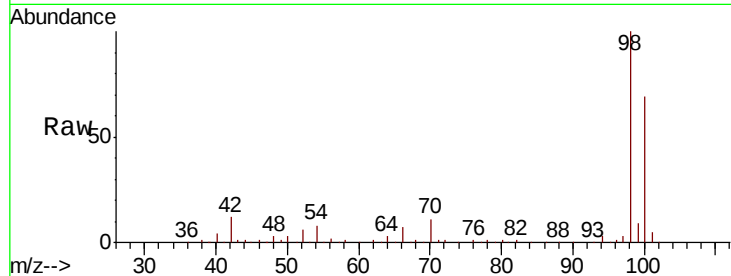
72-12017RE

Tot Ion: 98 Resp: 191030

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

120000

100000

80000

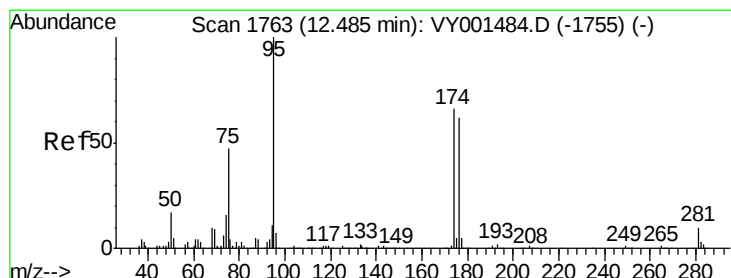
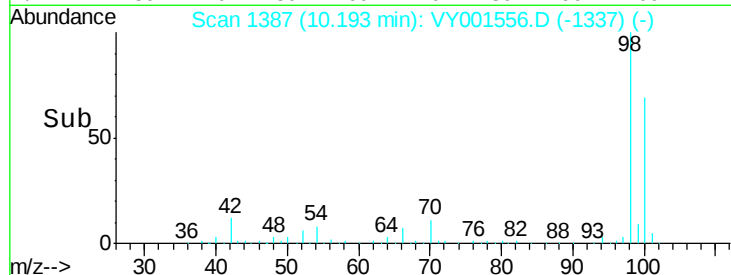
60000

40000

20000

0

Time--> 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 39.072 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001556.D

Acq: 07 Feb 2020 16:03

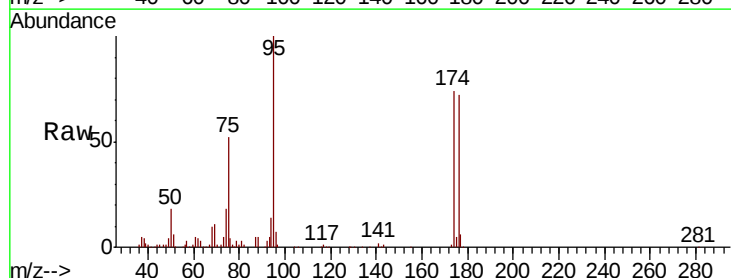
Tgt Ion: 95 Resp: 55610

Ion Ratio Lower Upper

95 100

174 75.8 0.0 141.4

176 73.6 0.0 135.4



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

50000

40000

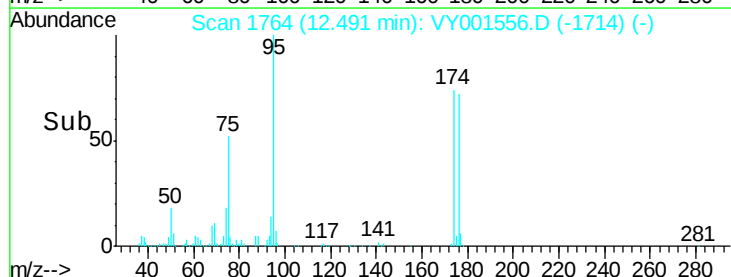
30000

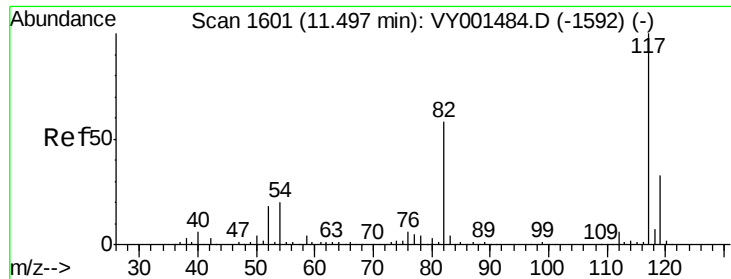
20000

10000

0

Time--> 12.40 12.45 12.50 12.55

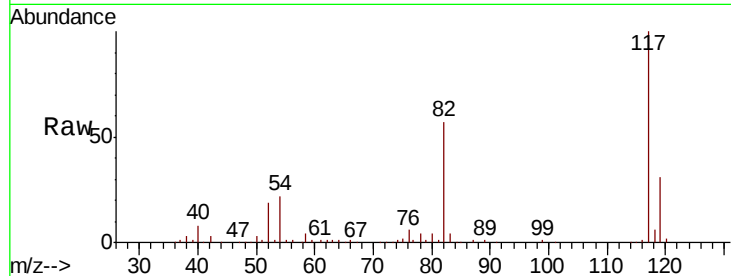




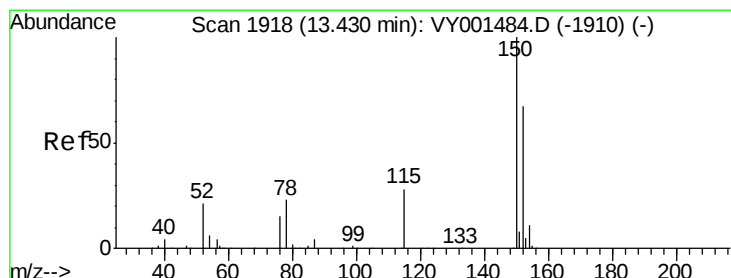
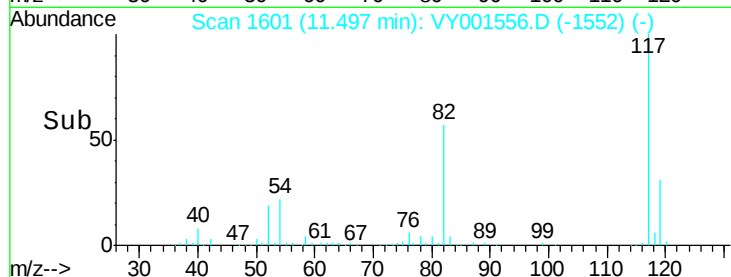
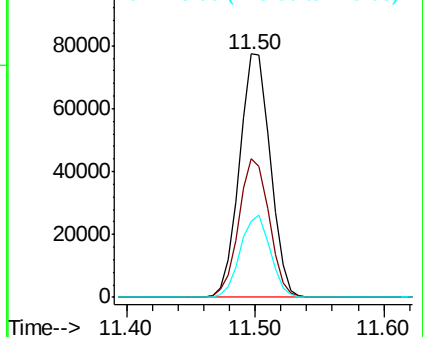
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
72-12017RE

Tot Ion:117 Resp: 128228
Ion Ratio Lower Upper
117 100
82 57.0 46.1 69.1
119 31.4 26.1 39.1

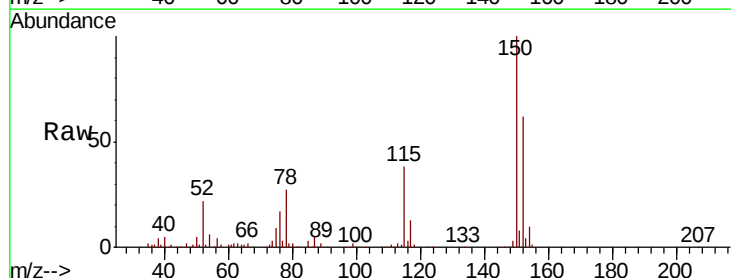


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001556.D
Acq: 07 Feb 2020 16:03

Tgt Ion:152 Resp: 52709
Ion Ratio Lower Upper
152 100
115 60.2 31.4 94.3
150 160.2 0.0 346.8



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

