

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000728.D
 Acq On : 18 Nov 2019 15:41
 Operator : SY/MD
 Sample : K5861-21RE
 Misc : 4.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-18RE

Quant Time: Nov 18 16:03:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	119613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	181772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	134196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57862	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	45500	36.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.52%	
35) Dibromofluoromethane	7.73	113	47612	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
50) Toluene-d8	10.18	98	201490	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	55929	36.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.56%	

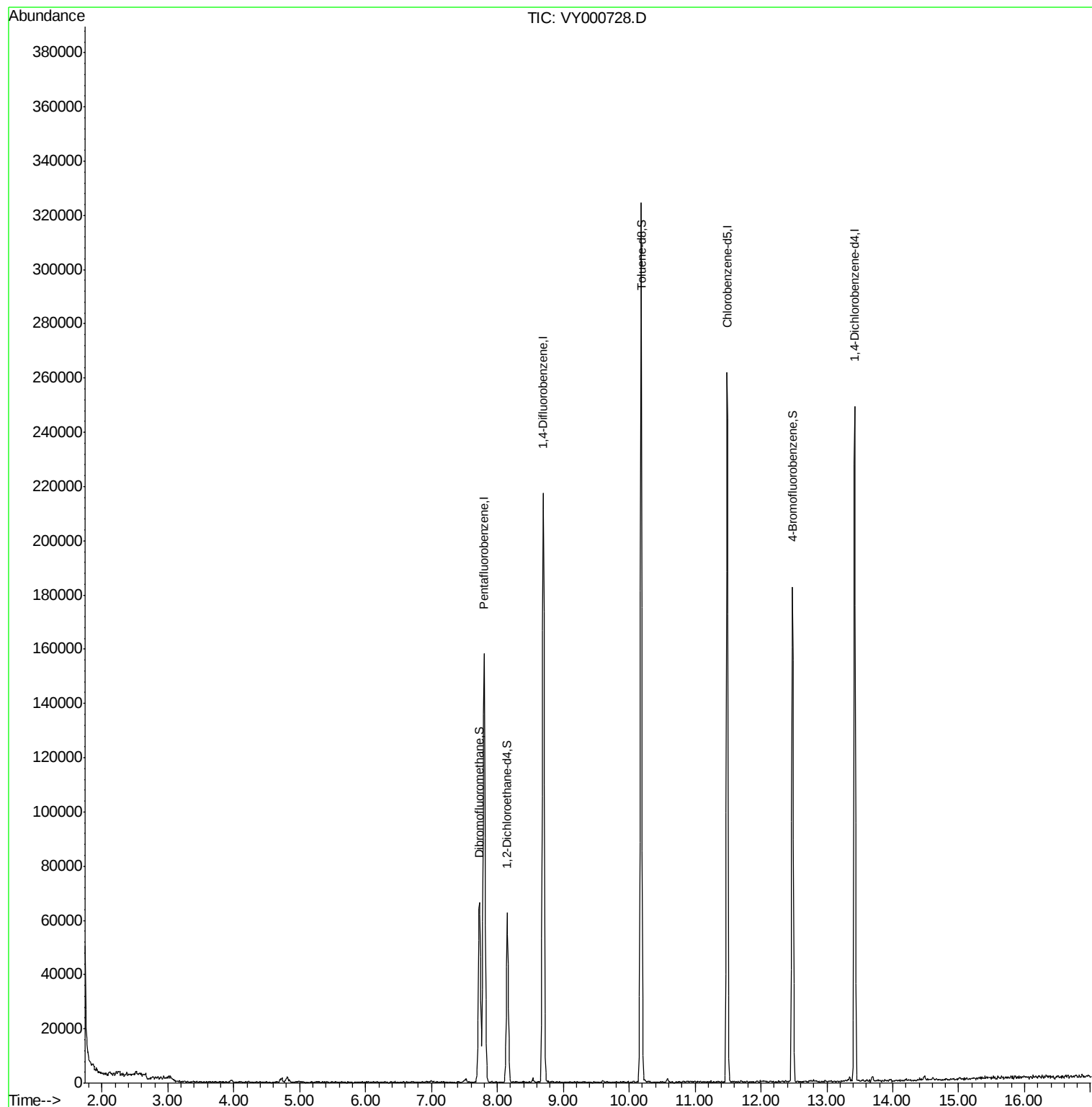
Target Compounds	Qvalue

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampled :

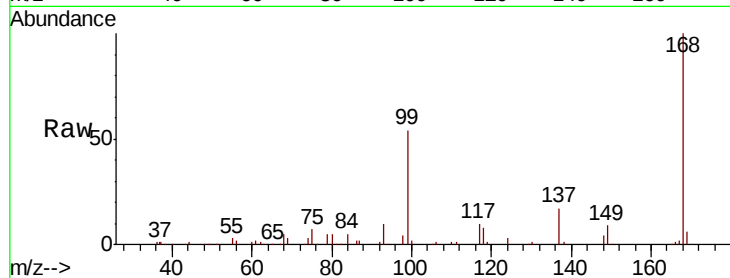
EP-18RE

Tot Ion:168 Resp: 119613

Ion Ratio Lower Upper

168 100

99 53.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000728.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000728.D (-946) (-)

7.80

60000

50000

40000

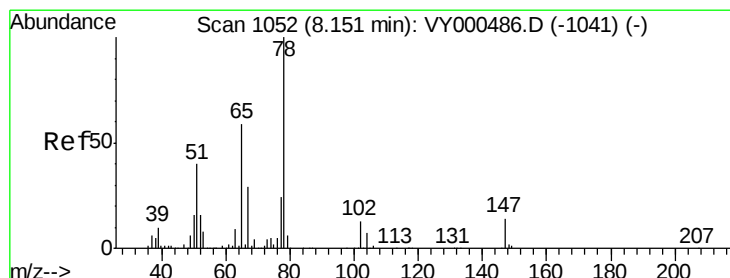
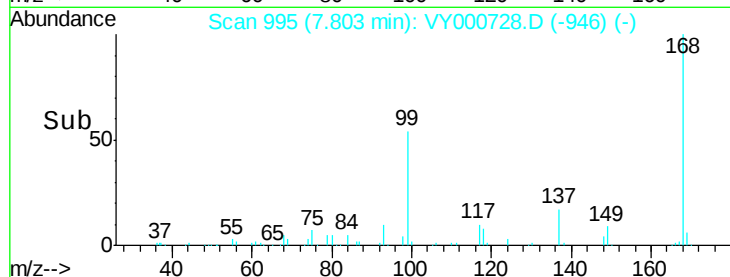
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.758 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000728.D

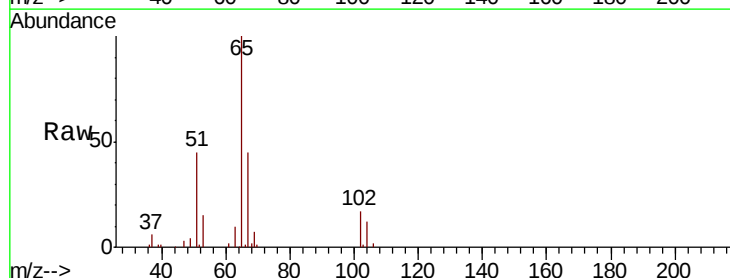
Acq: 18 Nov 2019 15:41

Tgt Ion: 65 Resp: 45500

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000728.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000728.D (-1003) (-)

8.14

20000

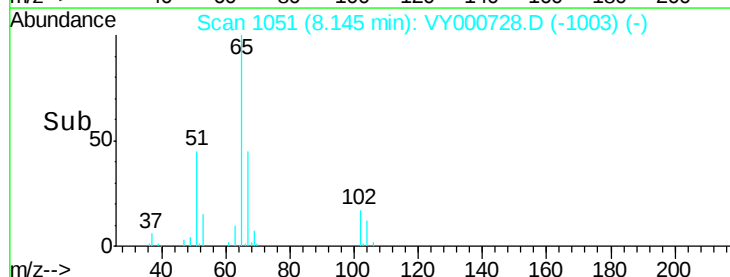
15000

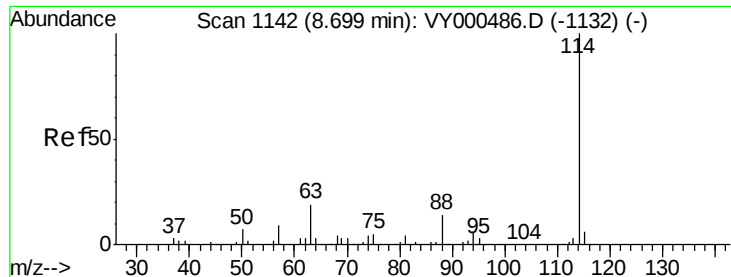
10000

5000

0

Time-->

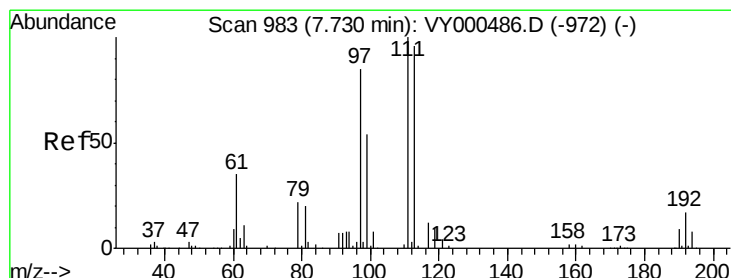
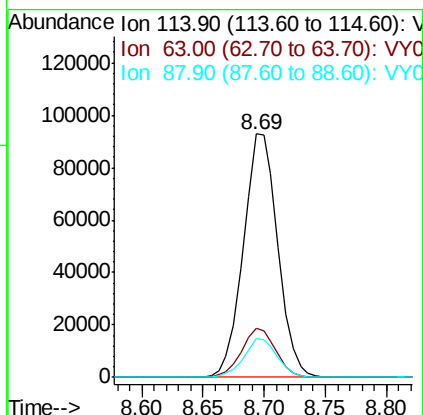
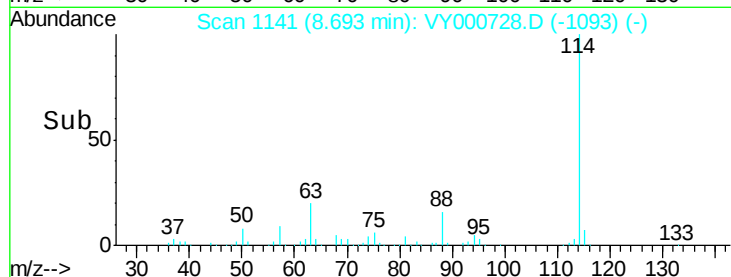
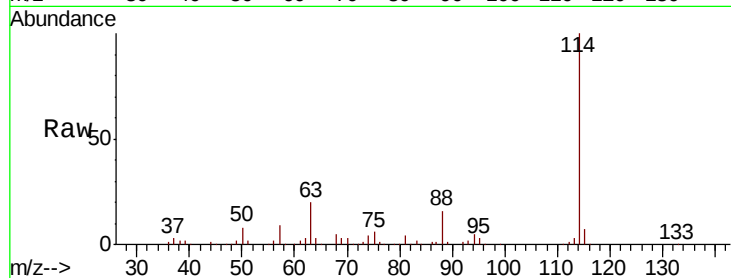




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000728.D
 Acq: 18 Nov 2019 15:41

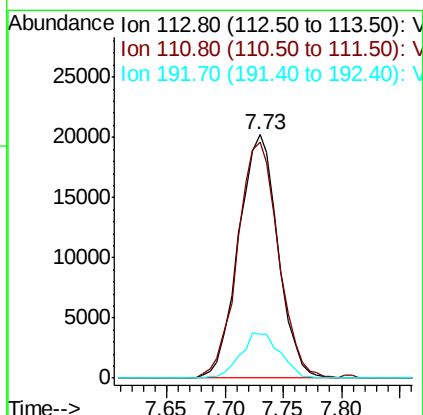
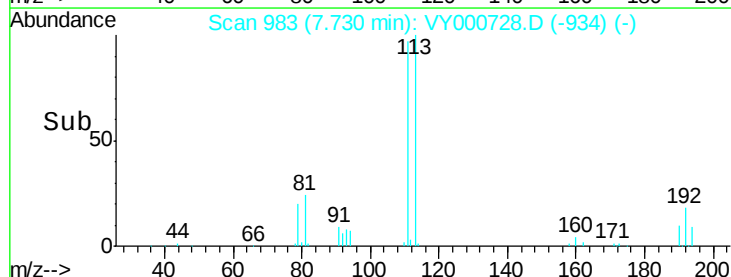
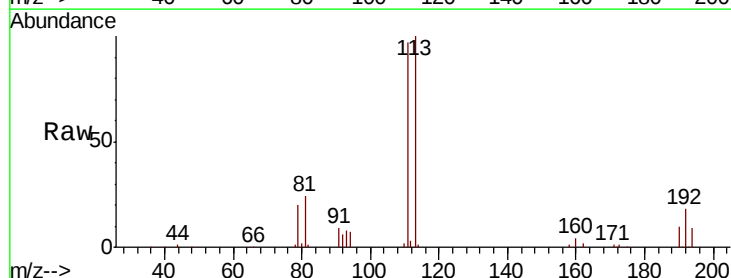
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-18RE

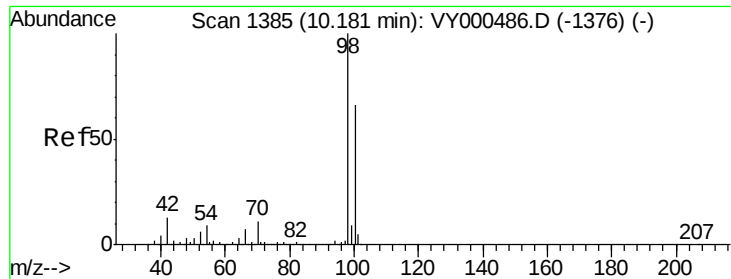
Tot Ion:114 Resp: 181772
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 16.0 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 44.617 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000728.D
 Acq: 18 Nov 2019 15:41

Tgt Ion:113 Resp: 47612
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.7 122.5
 192 18.5 15.0 22.4





#50

Toluene-d8

Concen: 49.761 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampled :

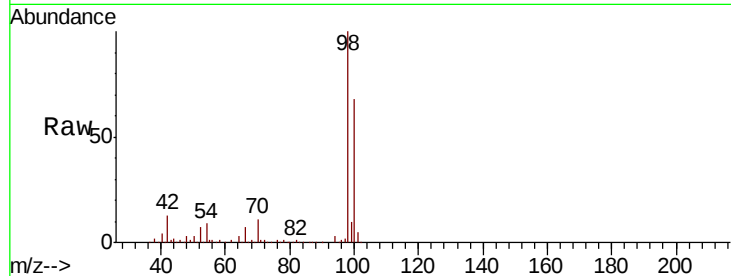
EP-18RE

Tot Ion: 98 Resp: 201490

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY000728.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY000728.D (-1376) (-)

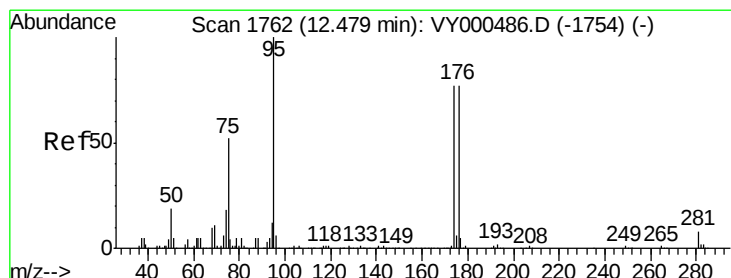
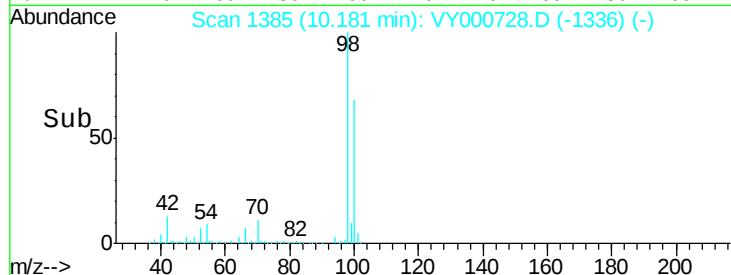
10.18

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.282 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

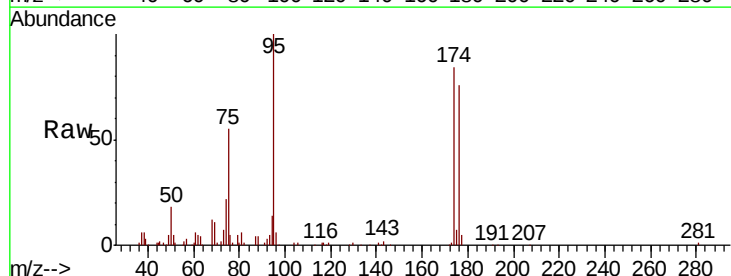
Tgt Ion: 95 Resp: 55929

Ion Ratio Lower Upper

95 100

174 78.5 0.0 161.6

176 76.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000728.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000728.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000728.D (-1713) (-)

12.48

40000

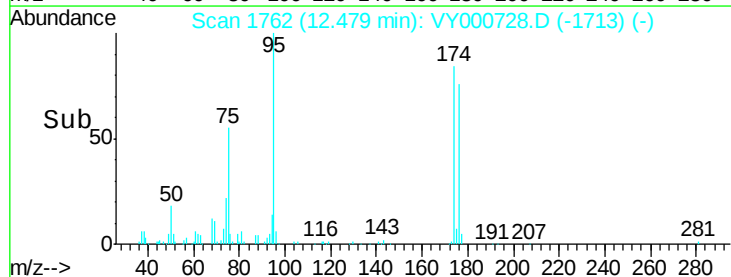
30000

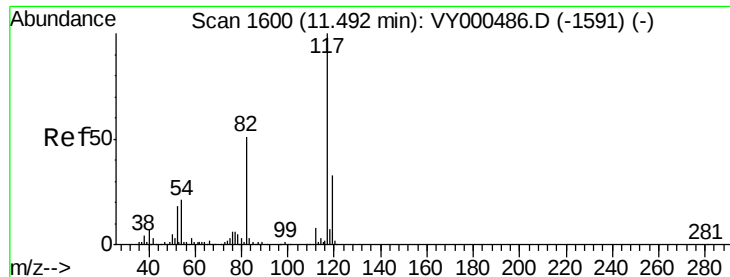
20000

10000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampled :

EP-18RE

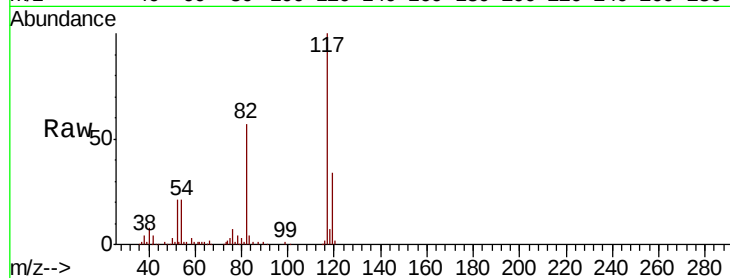
Tot Ion:117 Resp: 134196

Ion Ratio Lower Upper

117 100

82 57.1 40.8 61.2

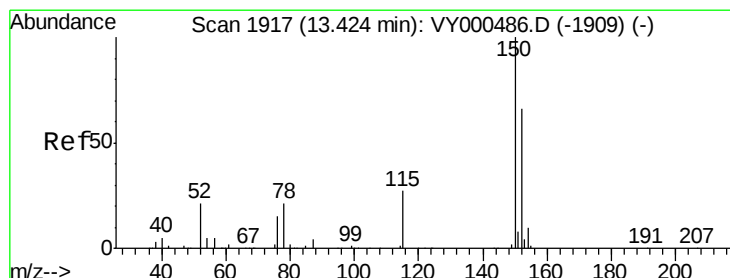
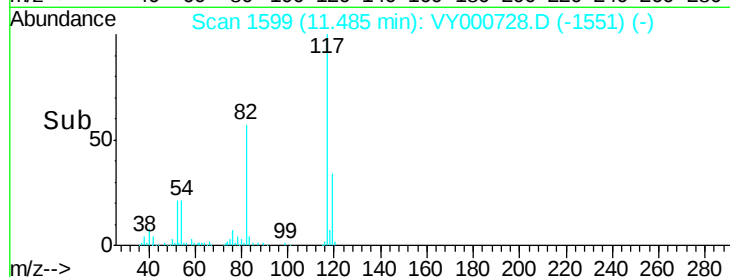
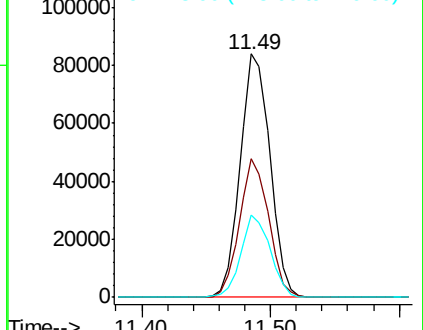
119 33.9 26.2 39.2



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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

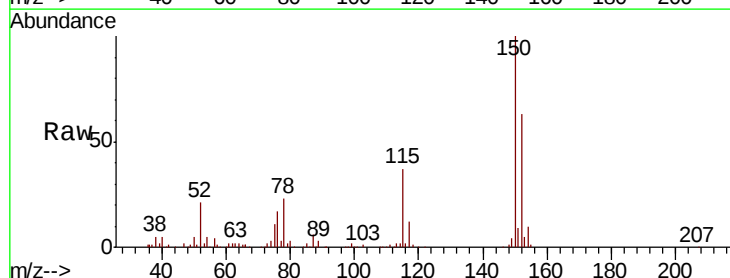
Tgt Ion:152 Resp: 57862

Ion Ratio Lower Upper

152 100

115 59.6 29.1 87.4

150 160.5 0.0 348.8



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

