

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000511.D
 Acq On : 31 Oct 2019 18:07
 Operator : SY/MD
 Sample : K5614-01RE
 Misc : 1.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 01 09:06:54 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 30 13:30:53 2019

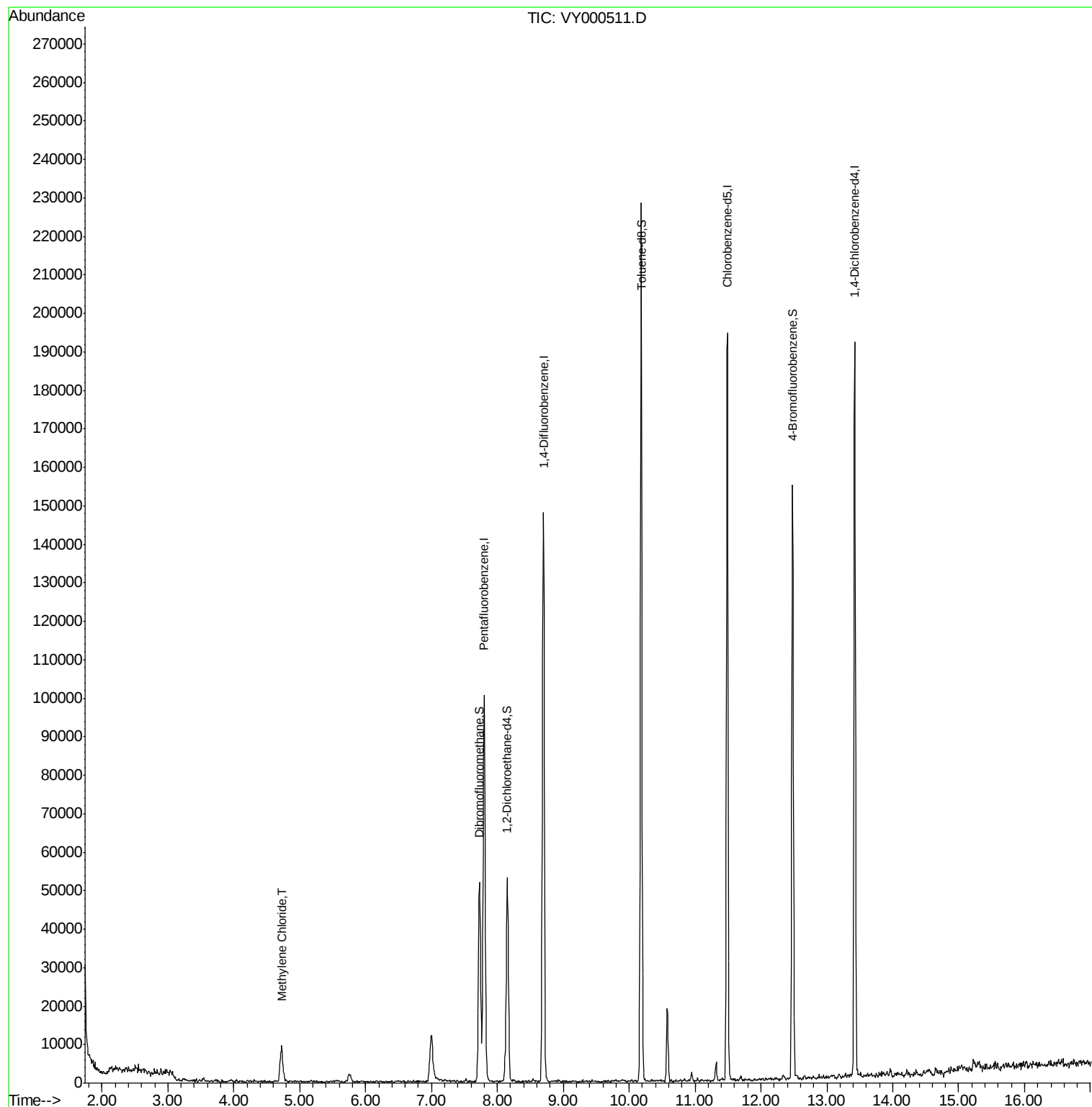
Response via : Initial Calibration

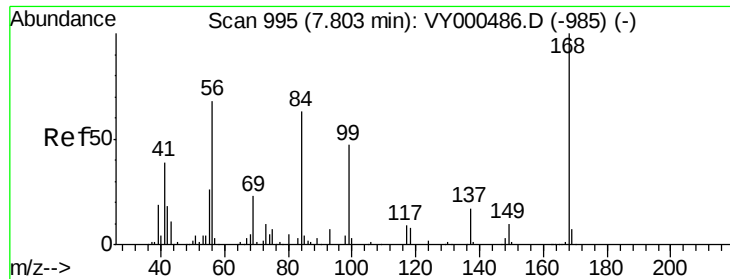
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.80	168	76658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	127282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	102881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	45809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	40805	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.73	113	36774	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.18	98	145481	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.48	95	43080	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	
Target Compounds						Qvalue
20) Methylene Chloride	4.73	84	6823	7.283	ug/l #	78
-----	-----	-----	-----	-----	-----	-----

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

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY103119\
Data File : VY000511.D
Acq On : 31 Oct 2019 18:07
Operator : SY/MD
Sample : K5614-01RE
Misc : 1.08G/5ML/MSV0A_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 01 09:06:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000511.D

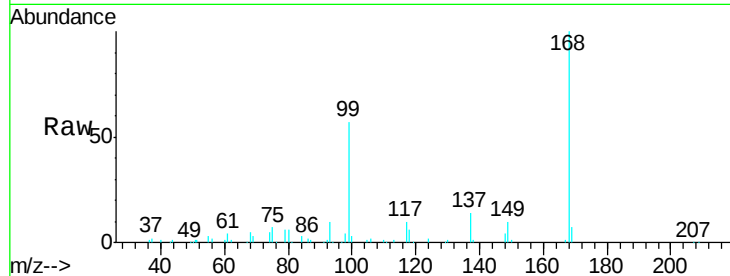
Acq: 31 Oct 2019 18:07

Tgt Ion:168 Resp: 76658

Ion Ratio Lower Upper

168 100

99 57.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

40000

30000

20000

10000

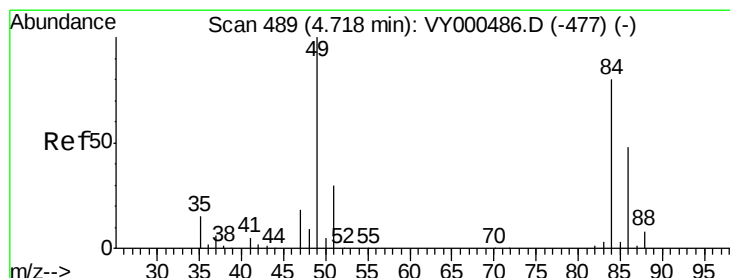
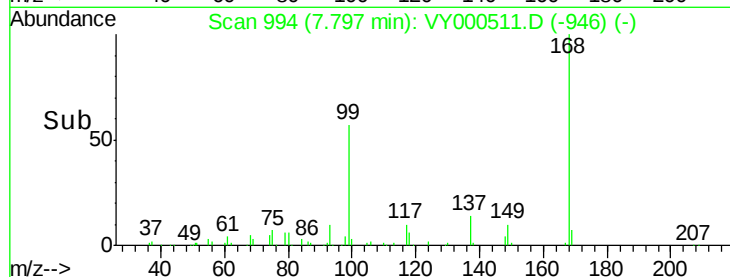
0

Time-->

7.70

7.80

7.90



#20

Methylene Chloride

Concen: 7.283 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000511.D

Acq: 31 Oct 2019 18:07

Tgt Ion: 84 Resp: 6823

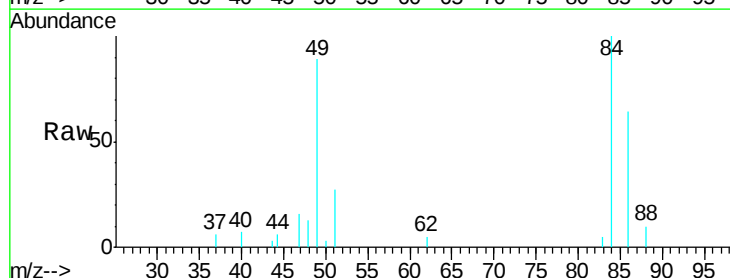
Ion Ratio Lower Upper

84 100

49 89.0 100.2 150.4#

51 27.2 29.6 44.4#

86 63.9 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4000

3000

2000

1000

0

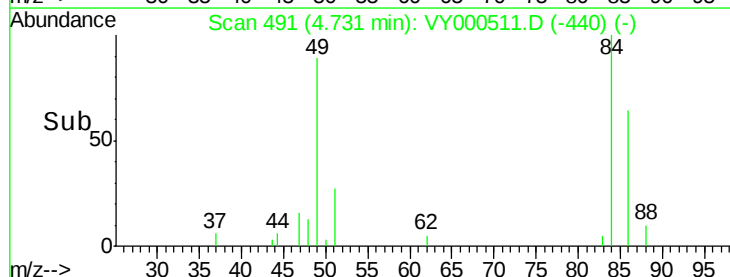
Time-->

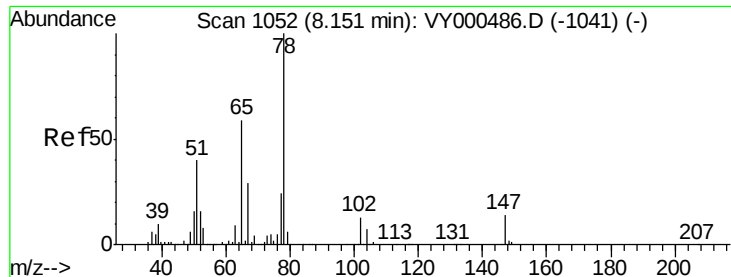
4.65

4.70

4.73

4.80





#33

1,2-Dichloroethane-d4

Concen: 51.436 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000511.D

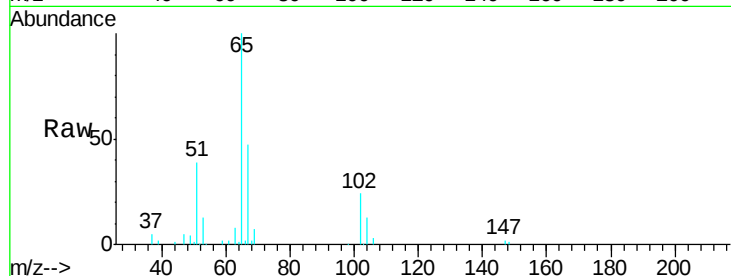
Acq: 31 Oct 2019 18:07

Tgt Ion: 65 Resp: 40805

Ion Ratio Lower Upper

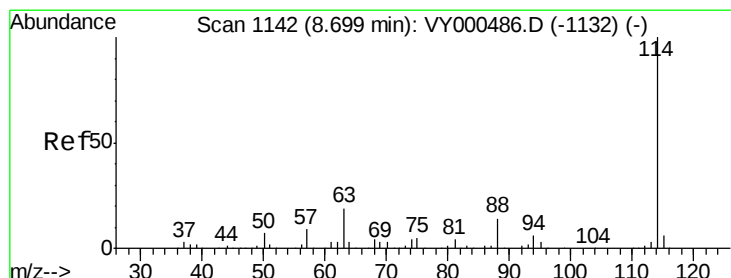
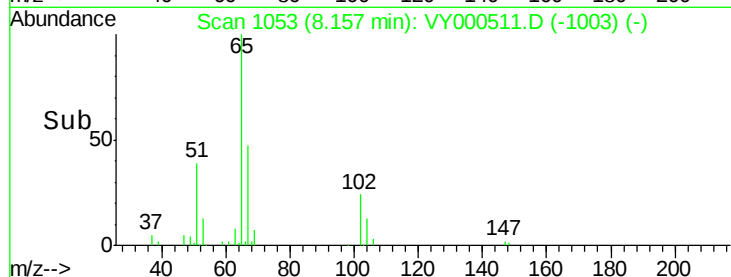
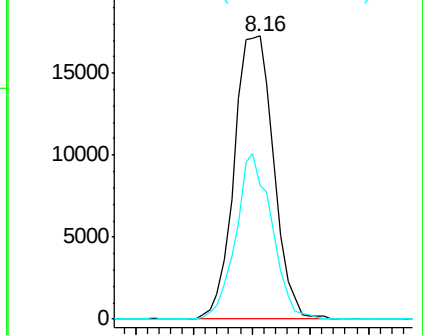
65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000511.D

Acq: 31 Oct 2019 18:07

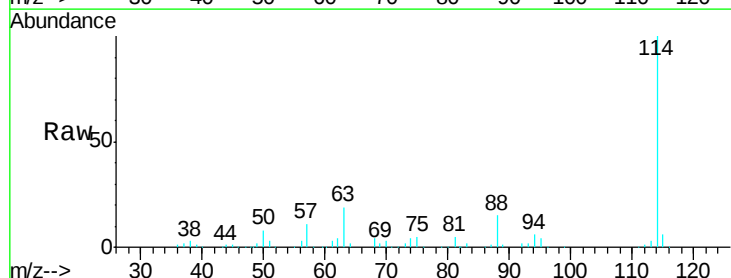
Tgt Ion: 114 Resp: 127282

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

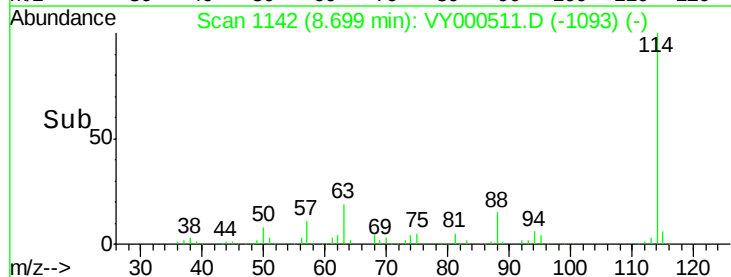
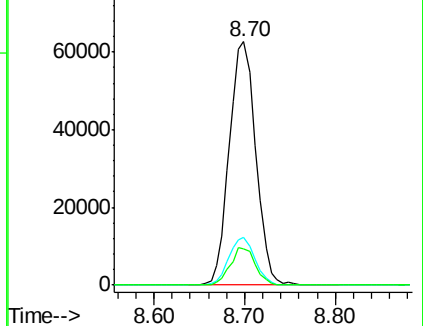
88 14.9 0.0 28.6

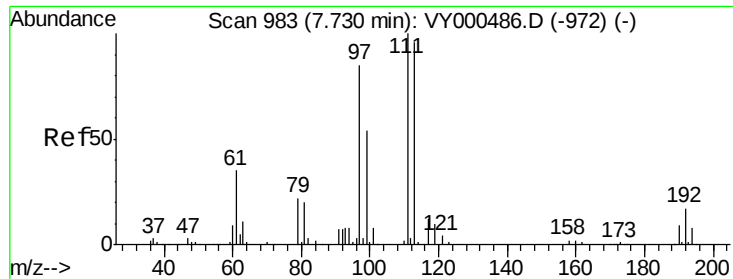


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

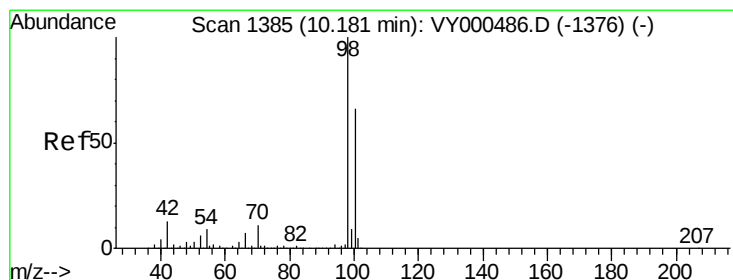
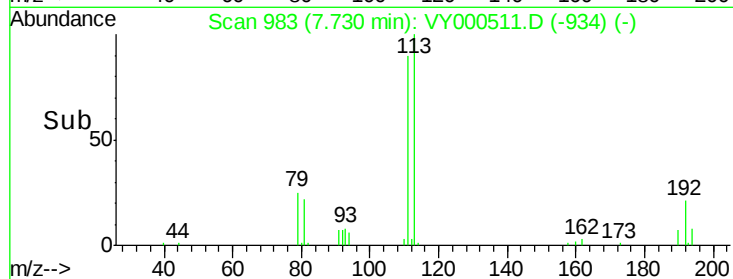
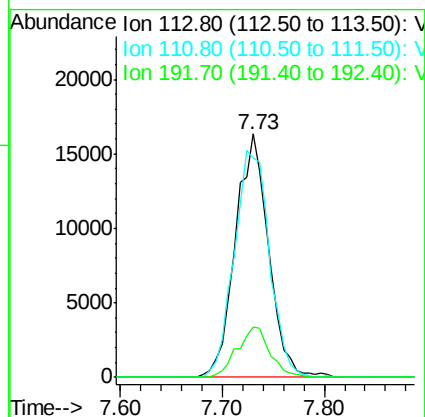
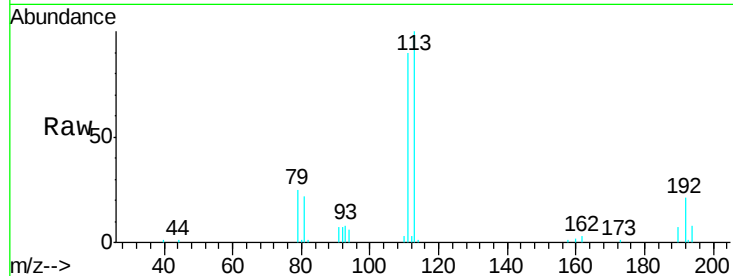
Ion 87.90 (87.60 to 88.60): VY0





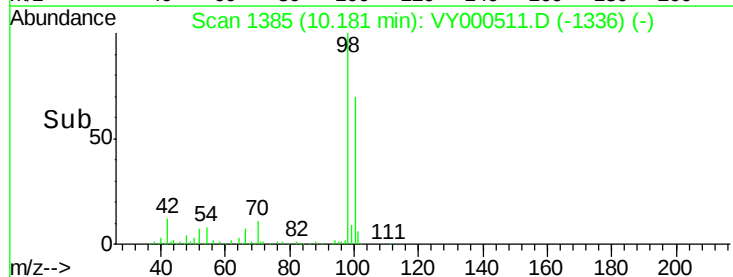
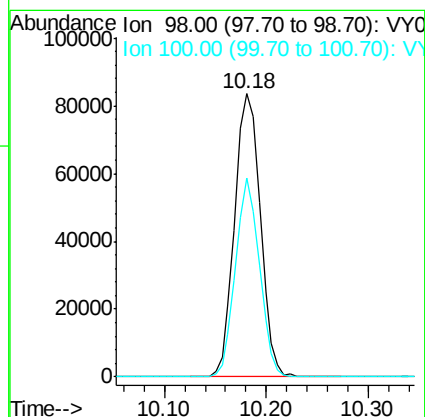
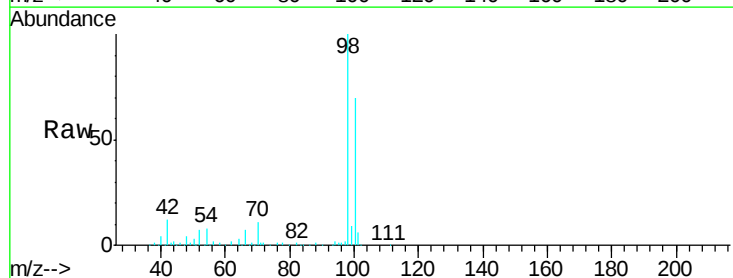
#35
 Dibromofluoromethane
 Concen: 49.214 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

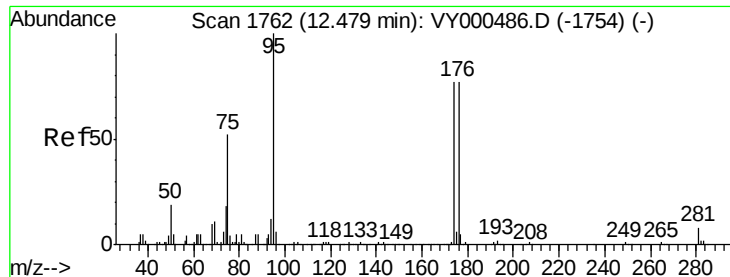
Tgt Ion: 113 Resp: 36774
 Ion Ratio Lower Upper
 113 100
 111 99.2 81.7 122.5
 192 20.3 15.0 22.4



#50
 Toluene-d8
 Concen: 51.310 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

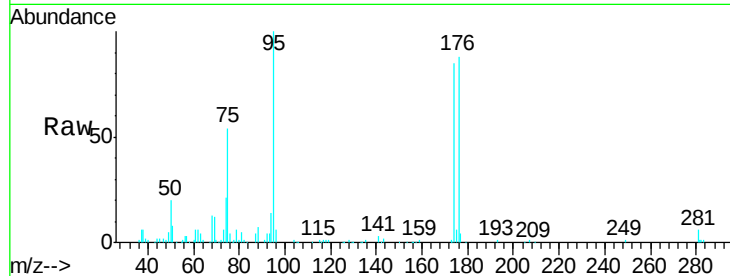
Tgt Ion: 98 Resp: 145481
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.9 79.3





#62
4-Bromofluorobenzene
Concen: 39.911 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

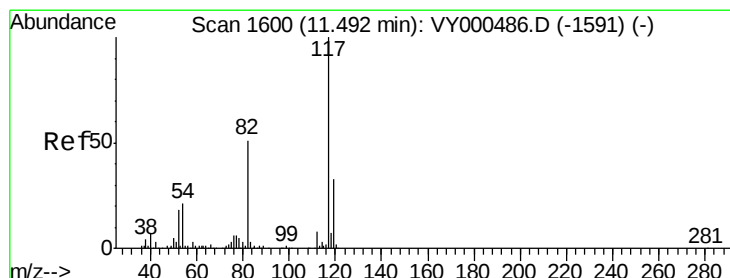
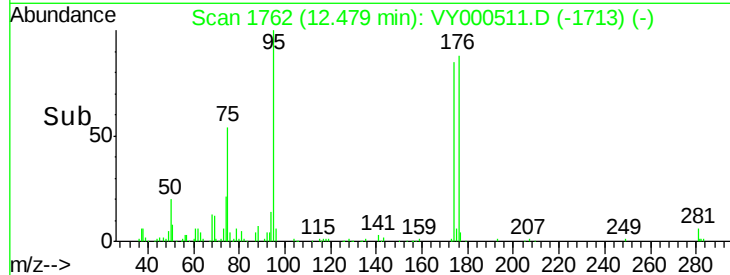
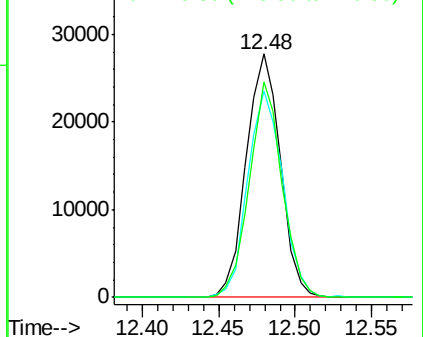
Tgt Ion:	95	Resp:	43080
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	161.6
176	85.2	0.0	157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000511.D (-1713) (-)

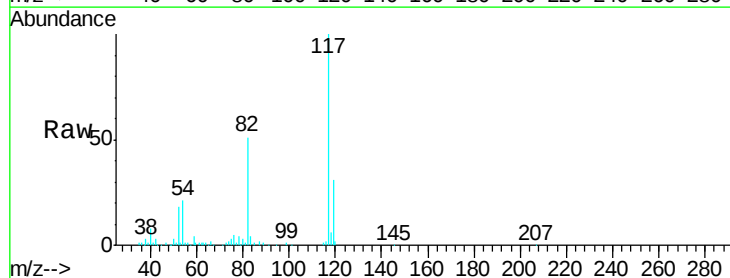
Ion 173.80 (173.50 to 174.50): VY000511.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000511.D (-1713) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000511.D
Acq: 31 Oct 2019 18:07

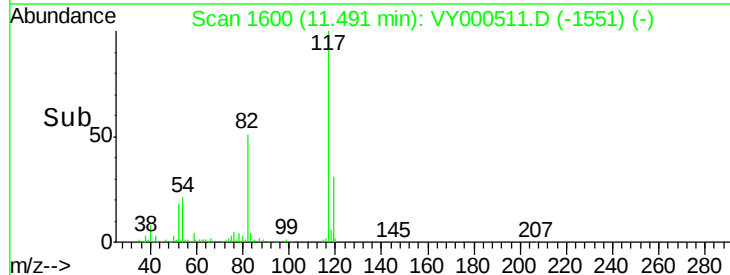
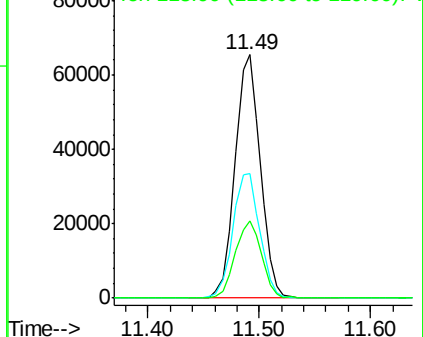
Tgt Ion:	117	Resp:	102881
Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	31.5	26.2	39.2

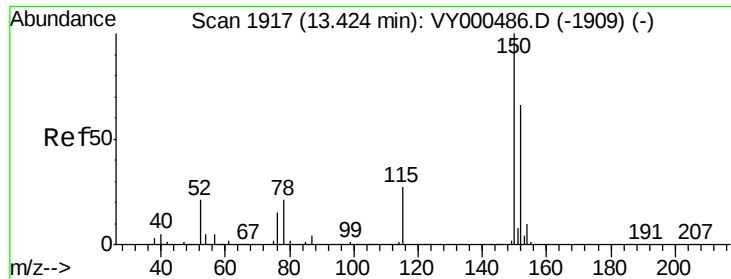


Abundance Ion 116.90 (116.60 to 117.60): VY000511.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000511.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000511.D (-1551) (-)

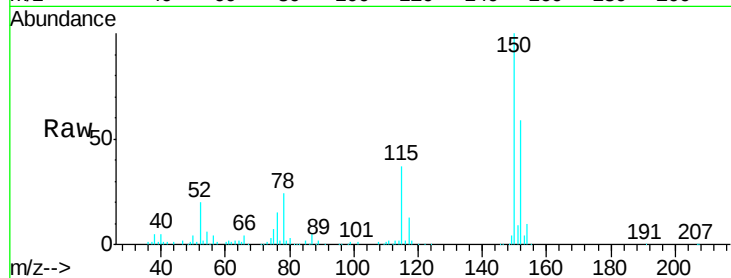




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000511.D
 Acq: 31 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.1	87.4
150	162.7	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

