

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000887.D
 Acq On : 05 Dec 2019 17:26
 Operator : SY/MD
 Sample : K6177-04
 Misc : 7.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

Quant Time: Dec 06 05:29:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

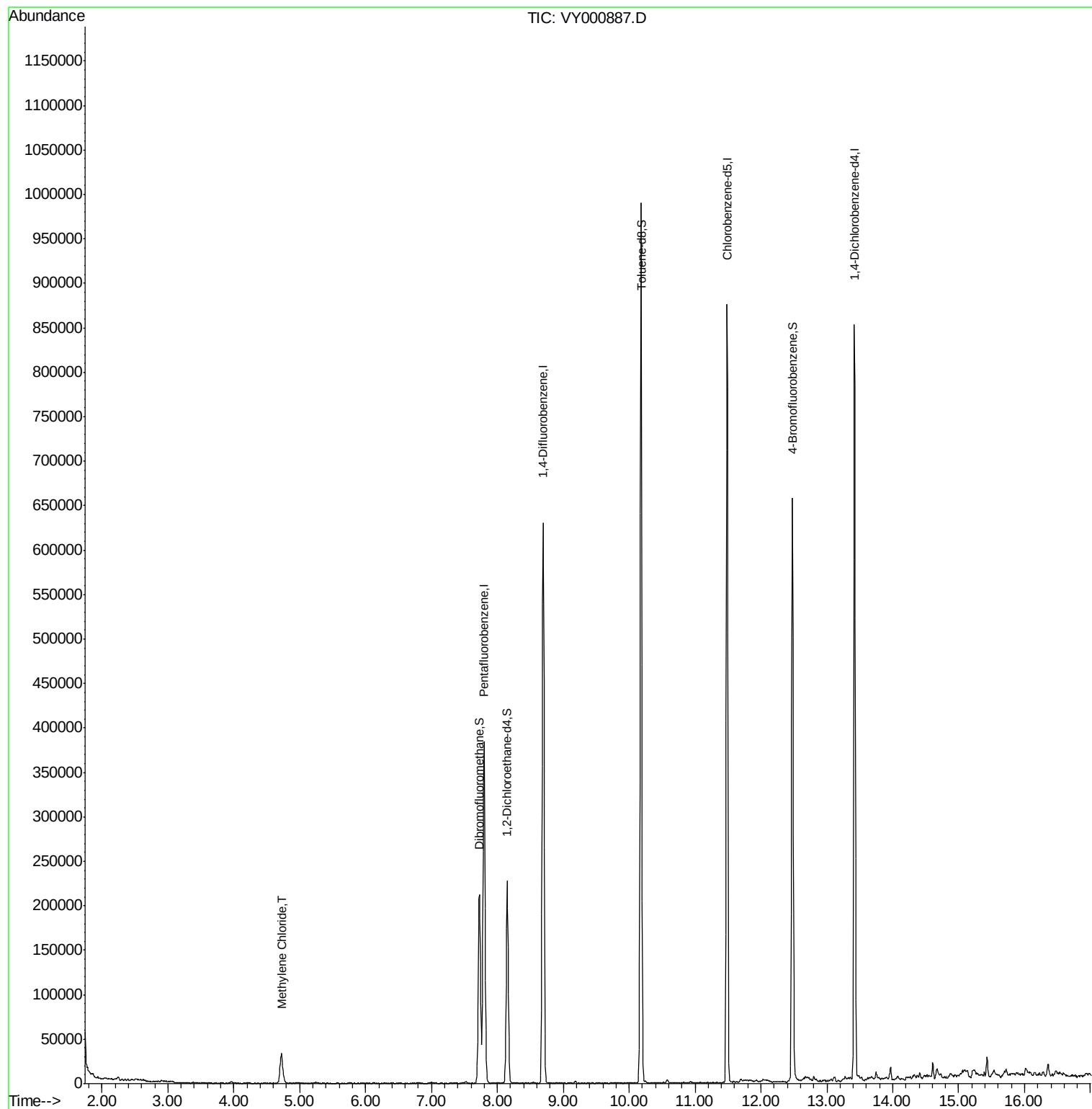
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	291433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	539404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	165574	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	7.73	113	156020	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	10.18	98	641581	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.48	95	212985	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
20) Methylene Chloride	4.72	84	23227	6.203	ug/l	Qvalue 97

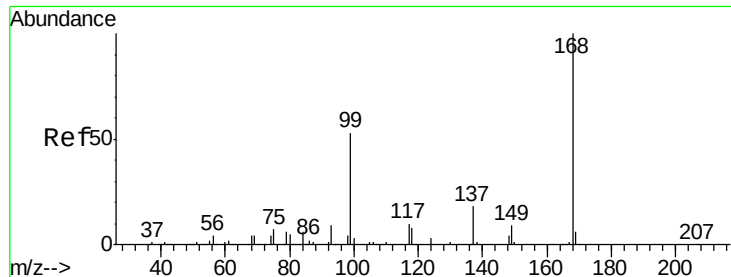
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

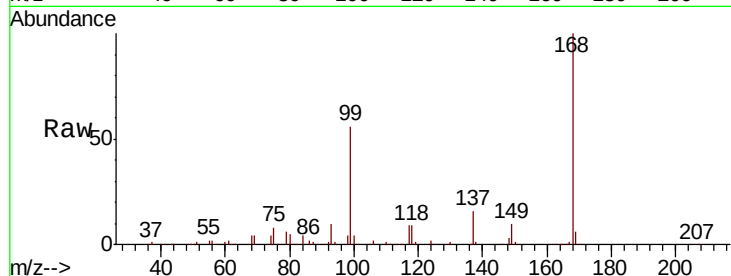
EP-4

Tot Ion:168 Resp: 291433

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

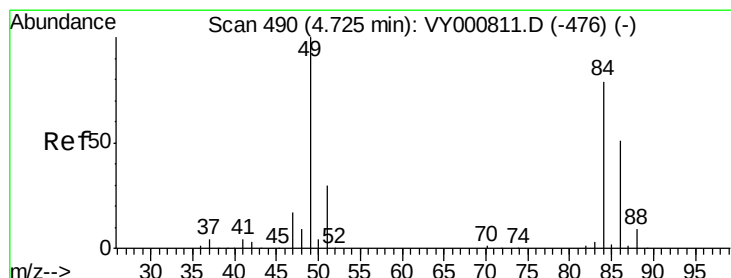
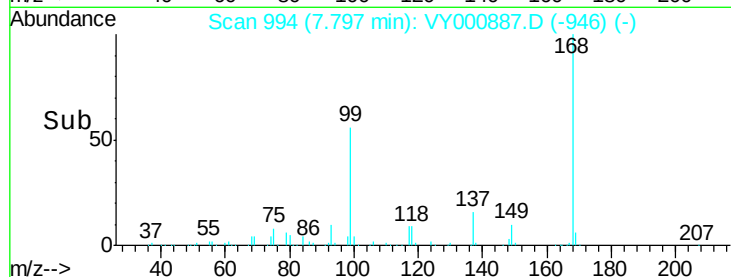
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 6.203 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Tgt Ion: 84 Resp: 23227

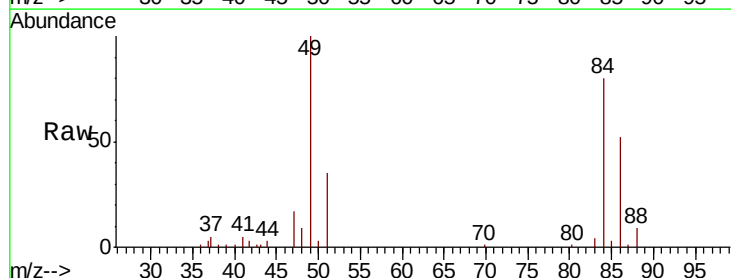
Ion Ratio Lower Upper

84 100

49 124.4 101.3 151.9

51 43.1 30.6 45.8

86 64.6 51.3 76.9



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

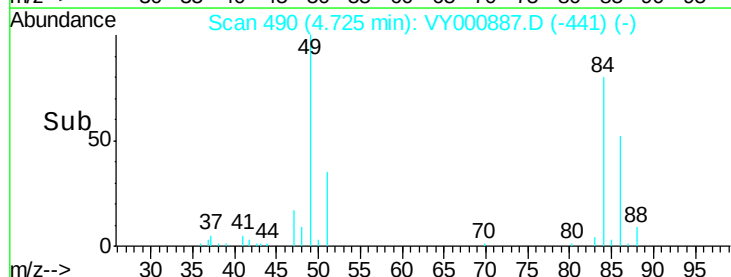
15000

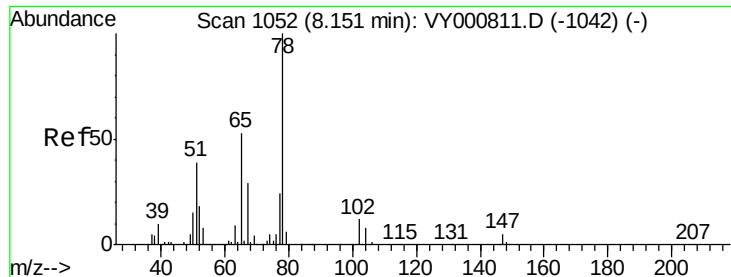
10000

5000

0

Time--> 4.60 4.70 4.80

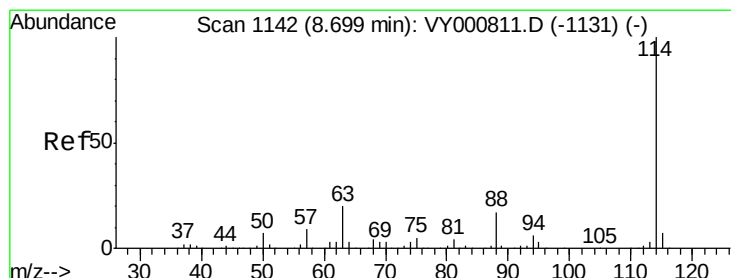
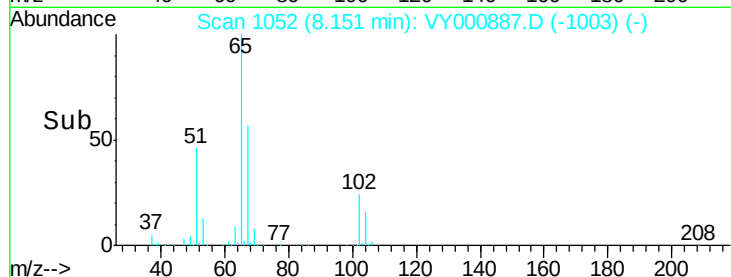
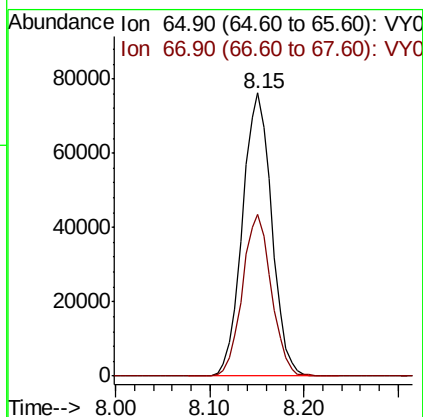
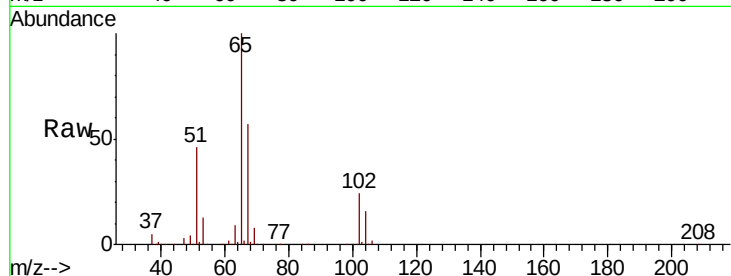




#33
 1,2-Dichloroethane-d4
 Concen: 53.468 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

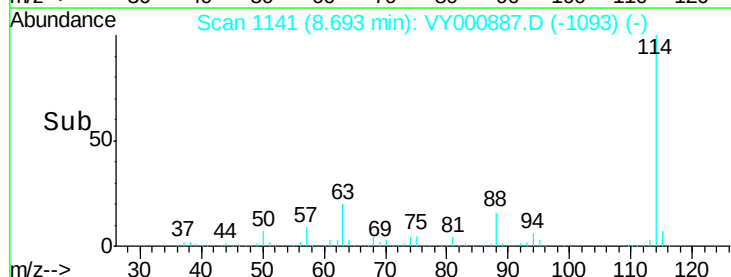
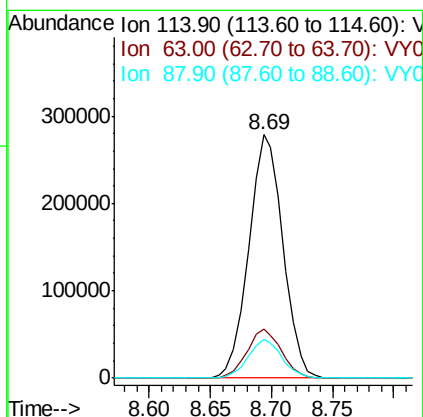
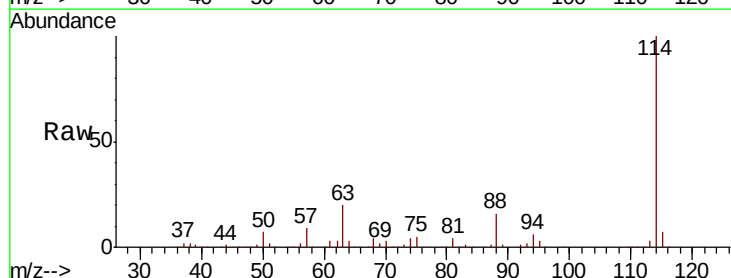
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

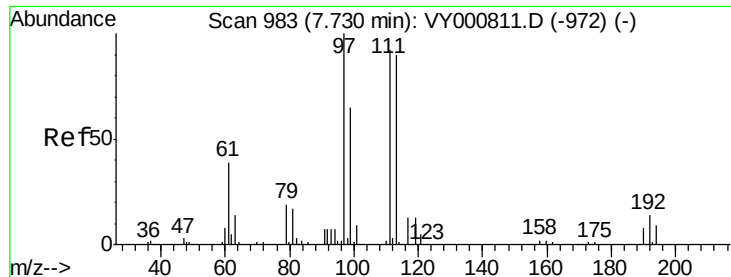
Tot Ion: 65 Resp: 165574
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

Tgt Ion: 114 Resp: 539404
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.7 0.0 33.2

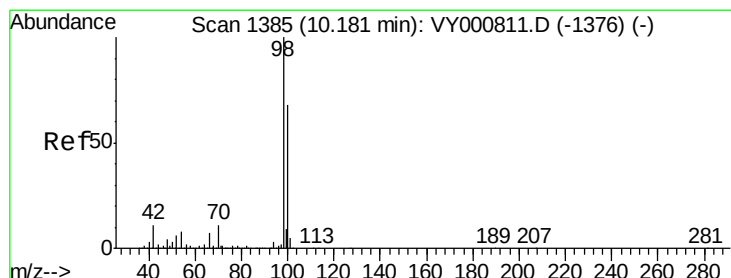
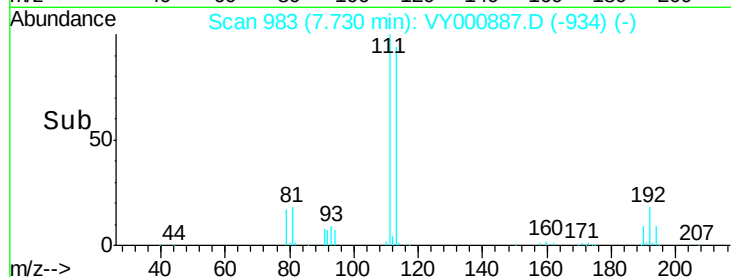
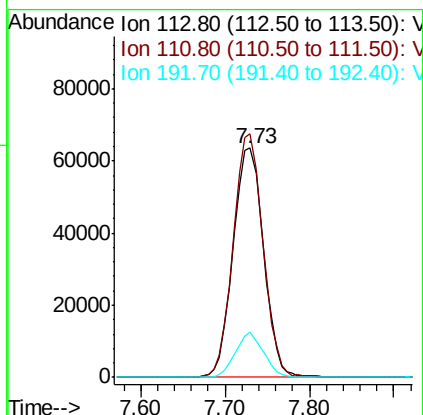
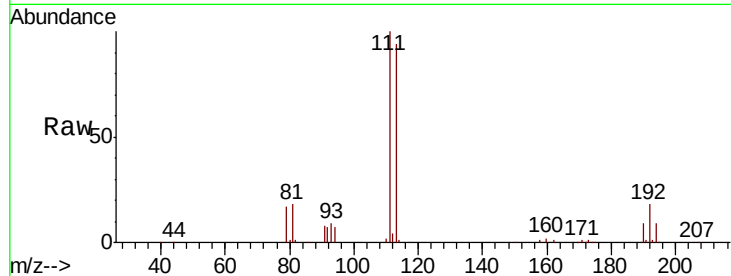




#35
 Dibromofluoromethane
 Concen: 49.630 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

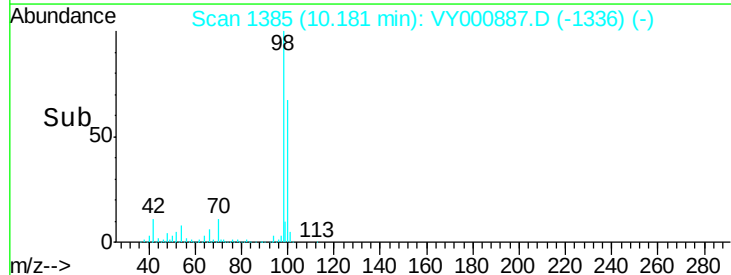
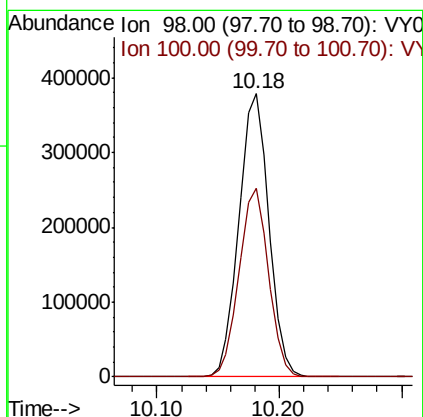
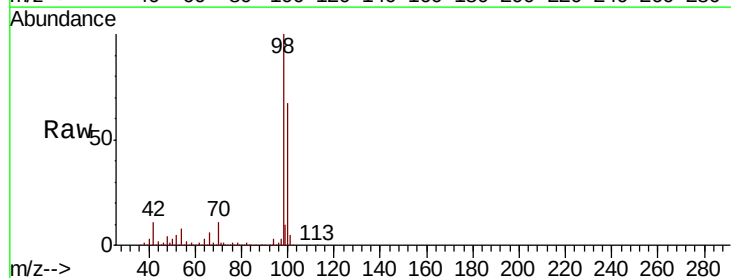
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-4

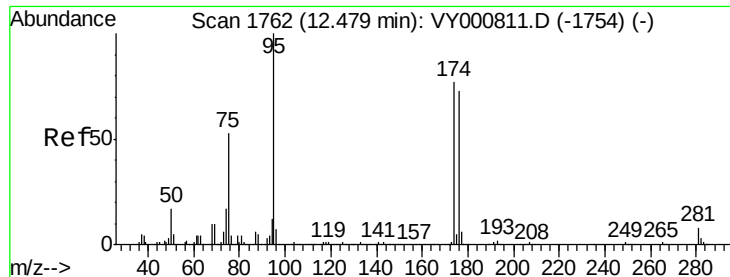
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	18.0	14.2	21.2



#50
 Toluene-d8
 Concen: 51.048 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000887.D
 Acq: 05 Dec 2019 17:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 45.124 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

EP-4

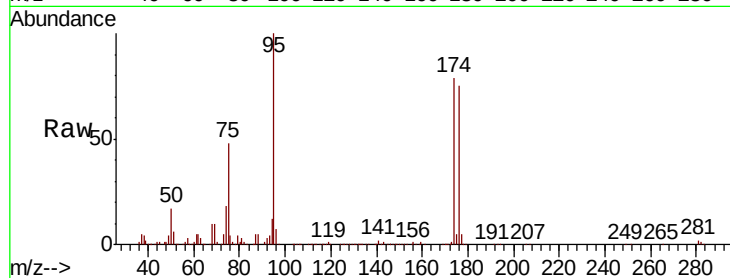
Tot Ion: 95 Resp: 212985

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 72.1 0.0 145.2

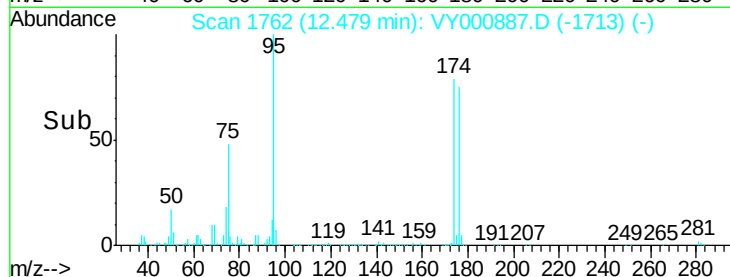


Abundance Ion 94.90 (94.60 to 95.60): VY000887.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000887.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000887.D (-1713) (-)

Time-->



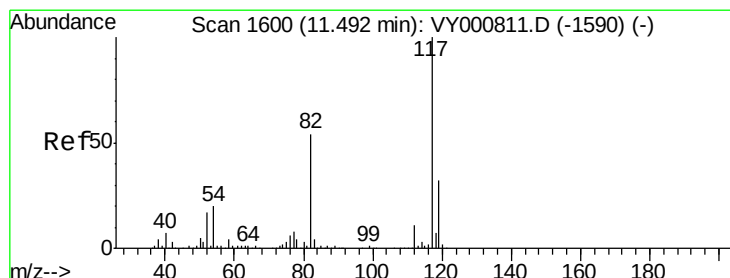
Abundance

Ion 94.90 (94.60 to 95.60): VY000887.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000887.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000887.D (-1713) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

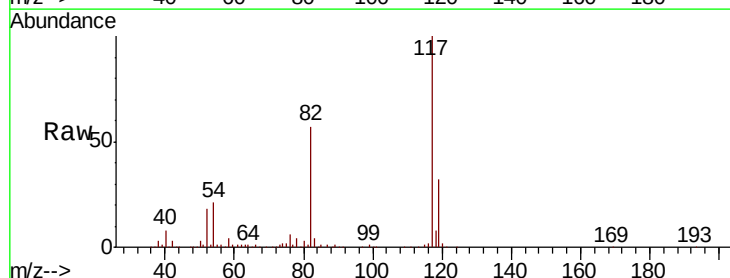
Tgt Ion: 117 Resp: 470937

Ion Ratio Lower Upper

117 100

82 56.8 43.1 64.7

119 32.4 25.3 37.9

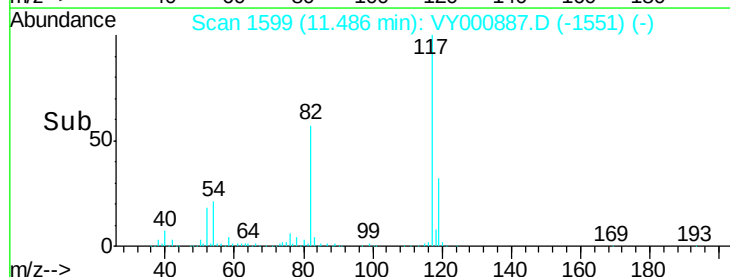


Abundance Ion 116.90 (116.60 to 117.60): VY000887.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000887.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000887.D (-1551) (-)

Time-->



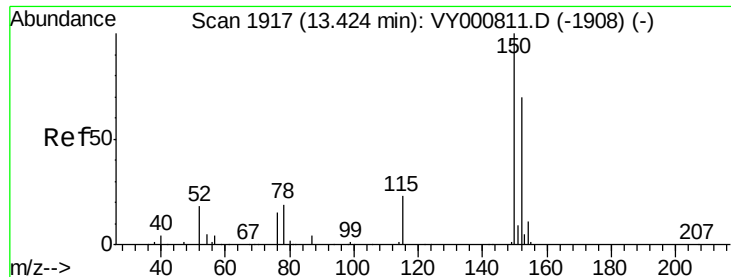
Abundance

Ion 116.90 (116.60 to 117.60): VY000887.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000887.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000887.D (-1551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000887.D

Acq: 05 Dec 2019 17:26

Instrument :

MSVOA_Y

ClientSampleId :

EP-4

Tot Ion:152 Resp: 200855

Ion Ratio Lower Upper

152 100

115 61.0 29.3 87.8

150 160.6 0.0 351.2

