

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000951.D
 Acq On : 16 Dec 2019 13:20
 Operator : SY/MD
 Sample : K6118-06
 Misc : 5.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-121319

Quant Time: Dec 17 07:17:35 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

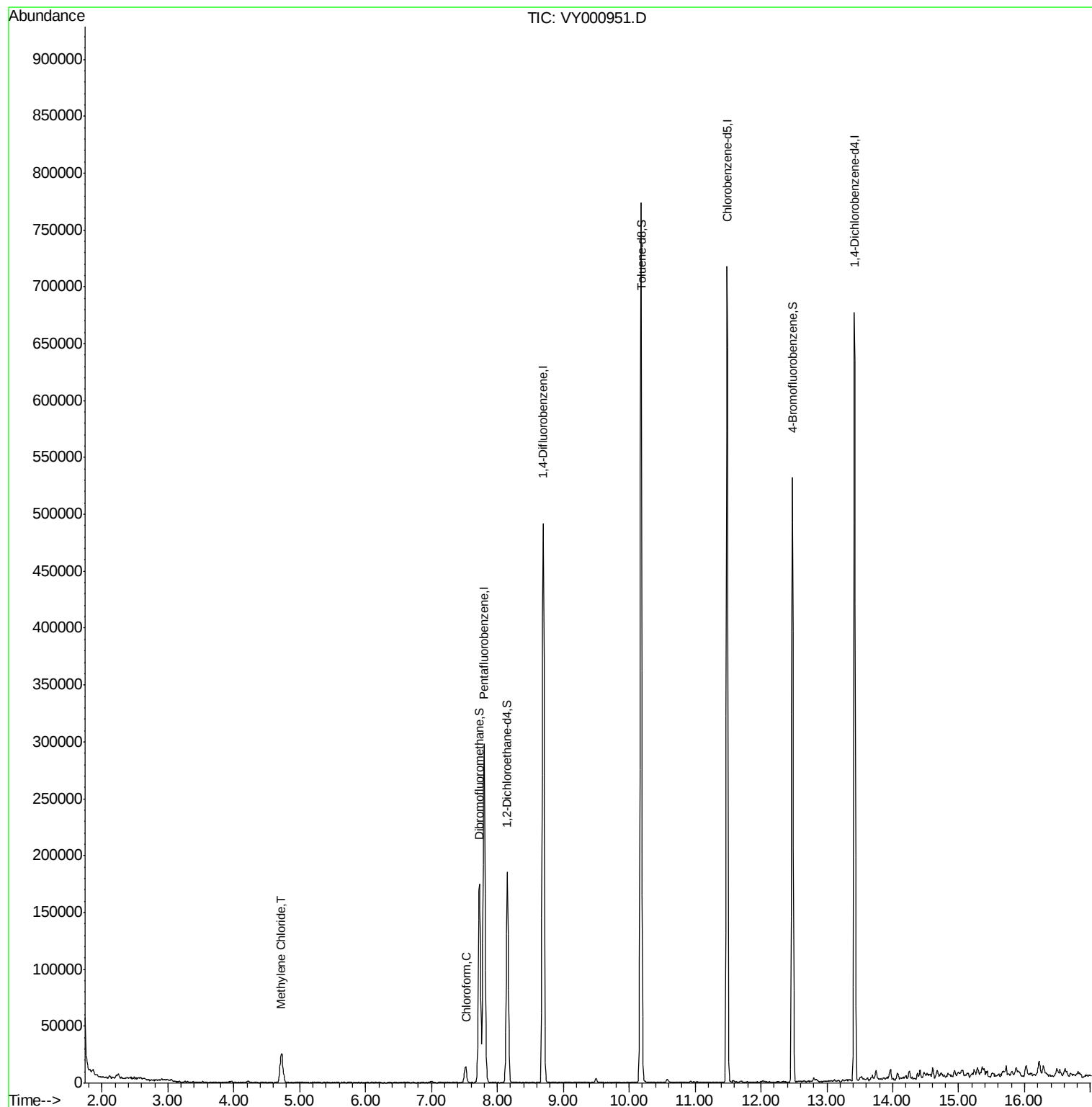
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	386324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139373	56.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.72%	
35) Dibromofluoromethane	7.72	113	127078	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.18	98	513180	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	167254	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
20) Methylene Chloride	4.72	84	18602	6.276	ug/l	95
30) Chloroform	7.52	83	14509	2.944	ug/l	88

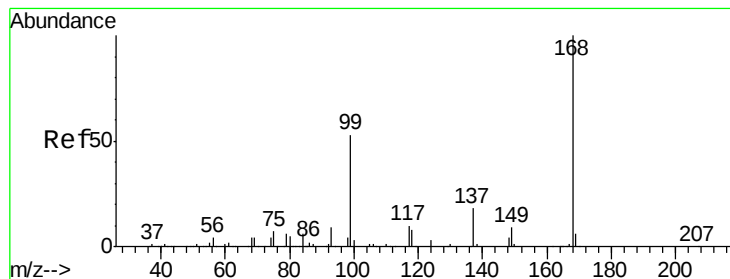
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 12:40:47 2019
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: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

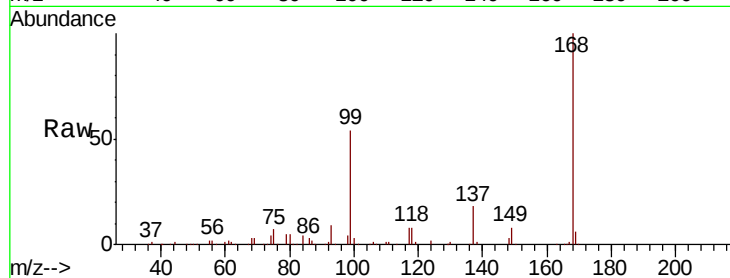
SU-03-121319

Tot Ion:168 Resp: 230676

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000951.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000951.D (-946) (-)

7.80

100000

80000

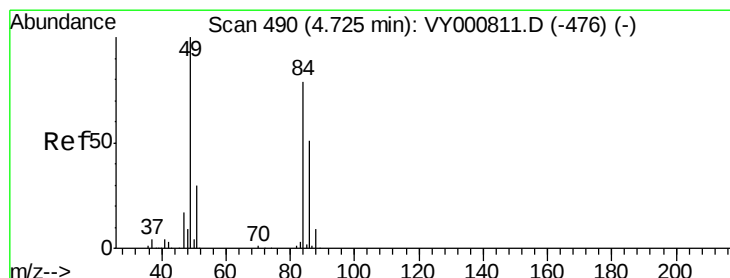
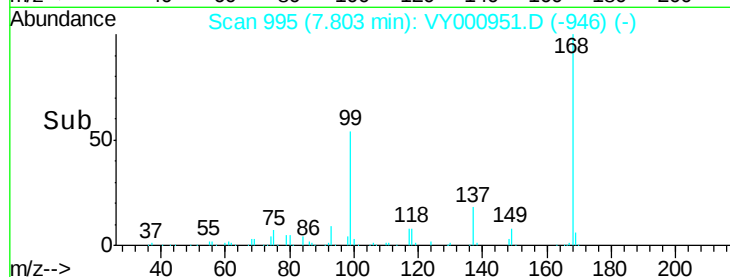
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 6.276 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Tgt Ion: 84 Resp: 18602

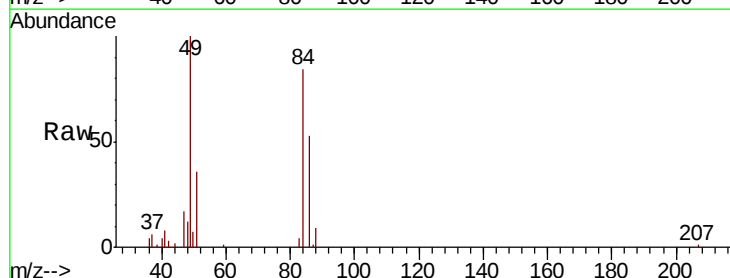
Ion Ratio Lower Upper

84 100

49 119.2 101.3 151.9

51 43.2 30.6 45.8

86 62.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000951.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000951.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000951.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000951.D (-441) (-)

4.72

12000

10000

8000

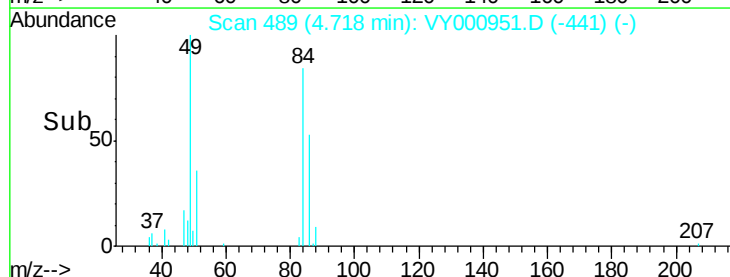
6000

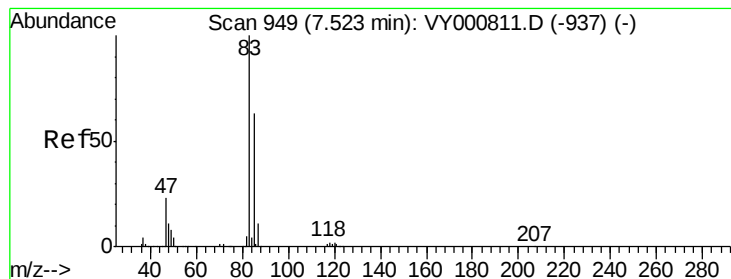
4000

2000

0

Time--> 4.60 4.70 4.80





#30

Chloroform

Concen: 2.944 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

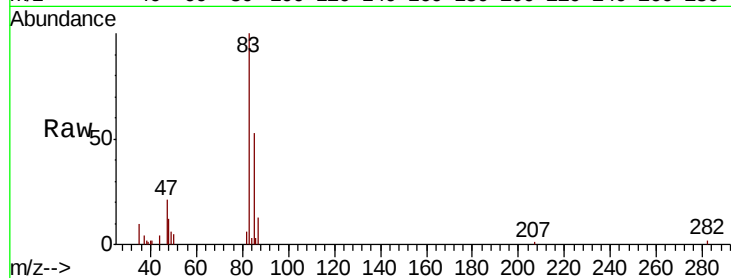
SU-03-121319

Tot Ion: 83 Resp: 14509

Ion Ratio Lower Upper

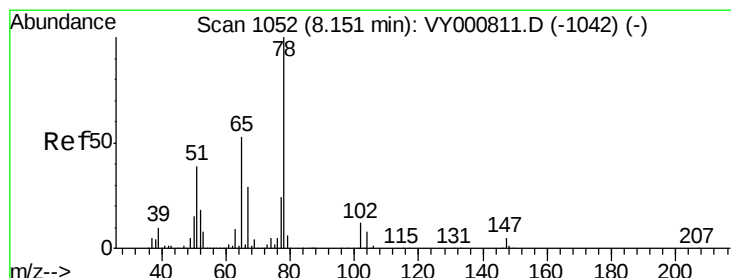
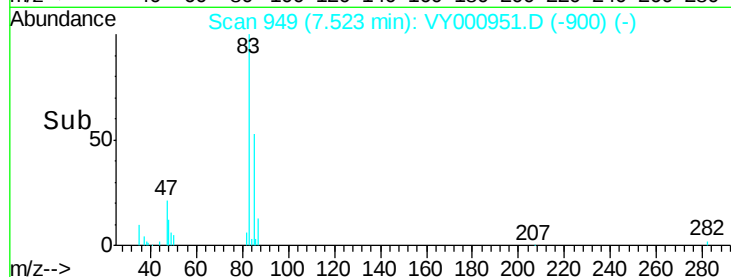
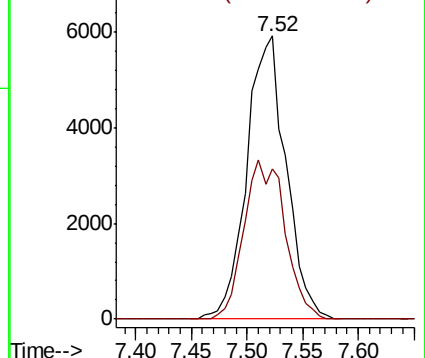
83 100

85 53.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.861 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000951.D

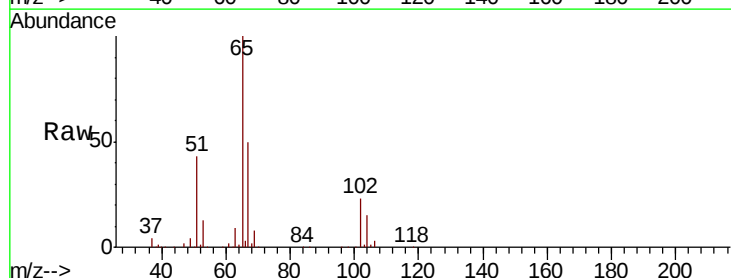
Acq: 16 Dec 2019 13:20

Tgt Ion: 65 Resp: 139373

Ion Ratio Lower Upper

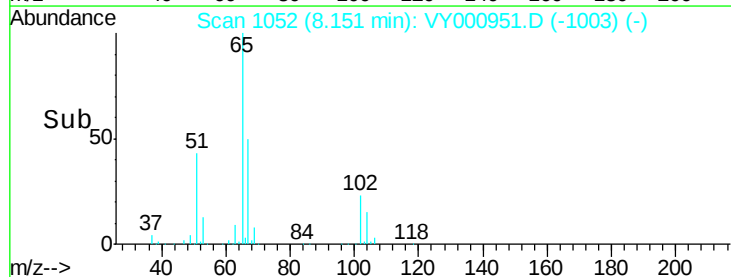
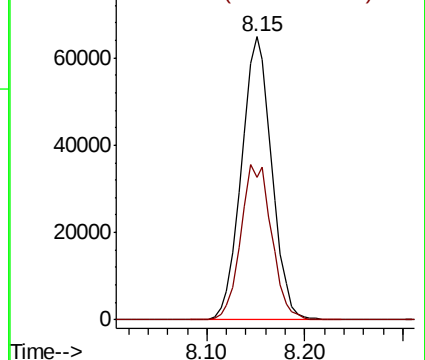
65 100

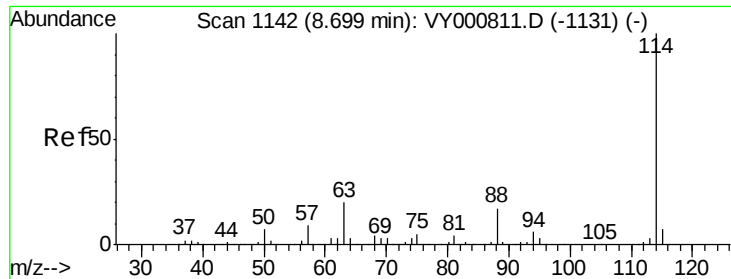
67 55.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

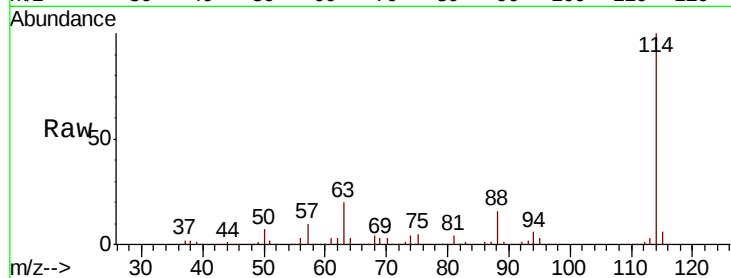




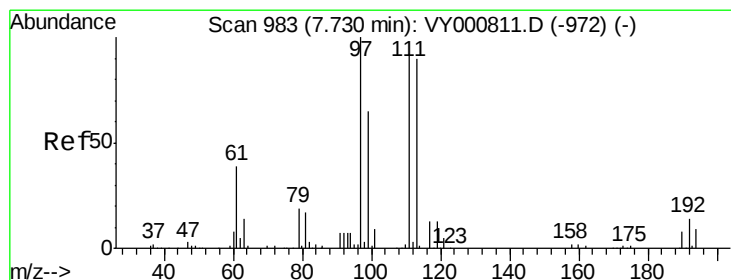
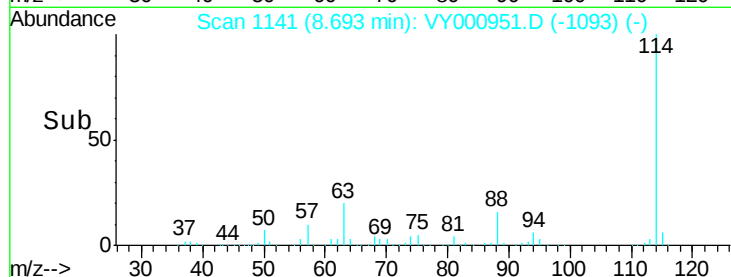
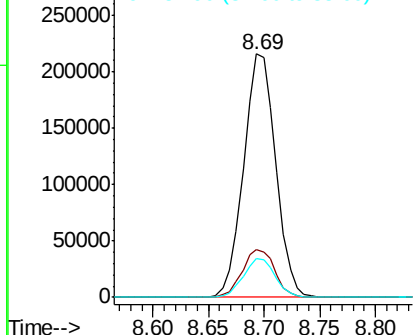
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-121319

Tot Ion:114 Resp: 432671
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.8
88 15.8 0.0 33.2

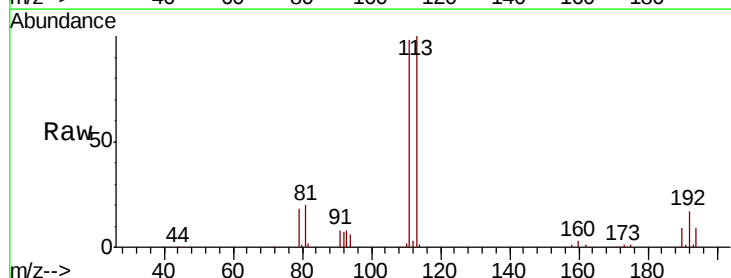


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

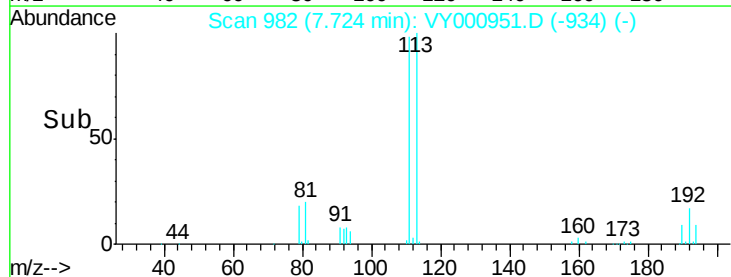
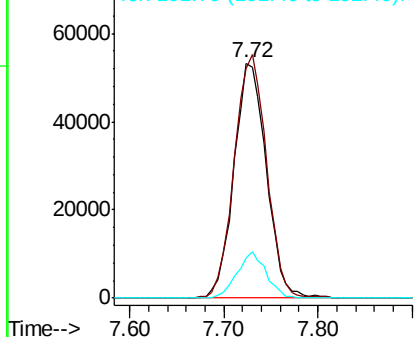


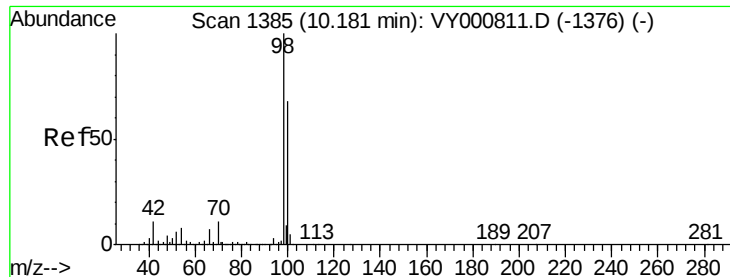
#35
Dibromofluoromethane
Concen: 50.396 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Tgt Ion:113 Resp: 127078
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.6 14.2 21.2



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: 50.904 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

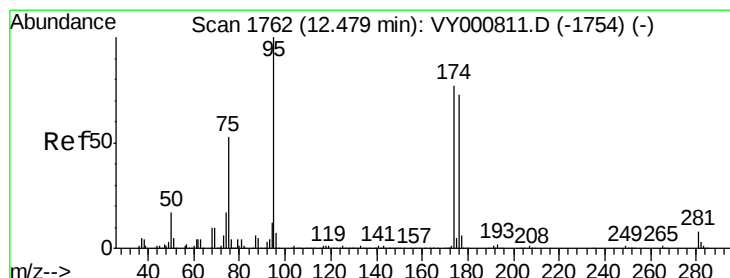
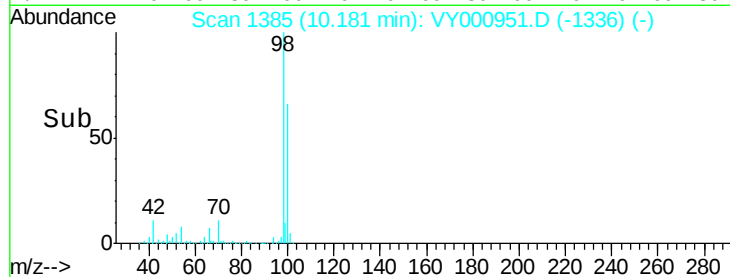
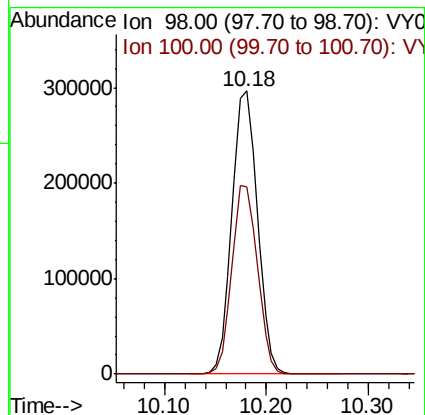
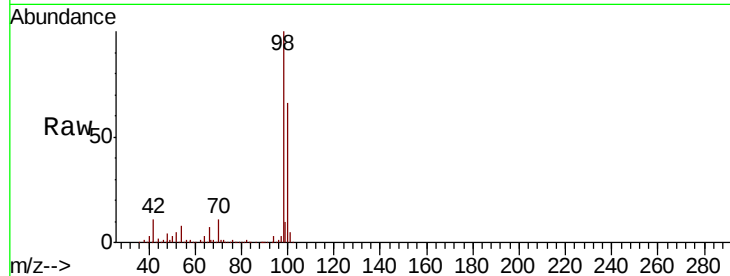
SU-03-121319

Tot Ion: 98 Resp: 513180

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.177 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

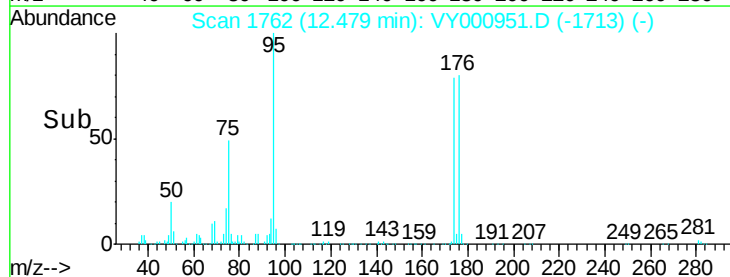
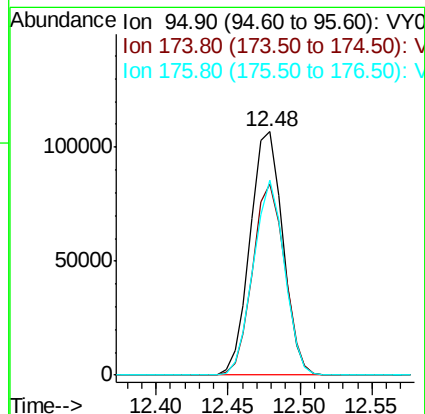
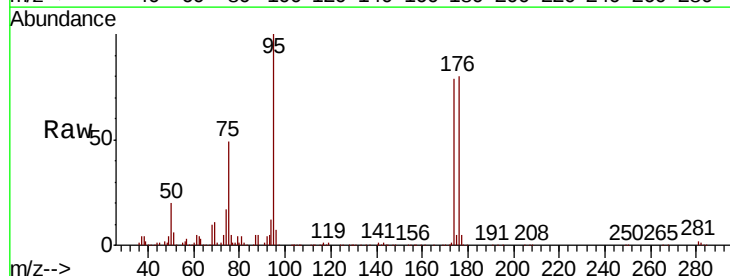
Tgt Ion: 95 Resp: 167254

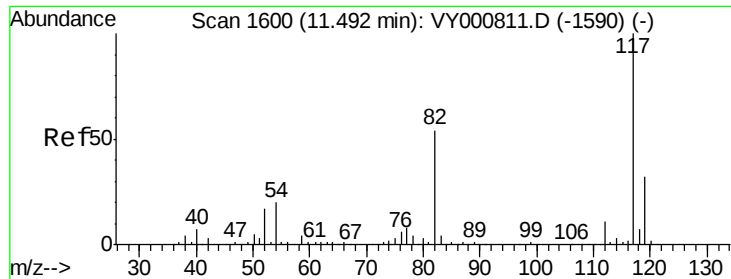
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 76.3 0.0 145.2

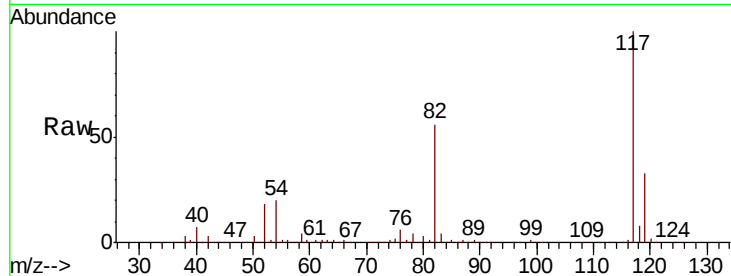




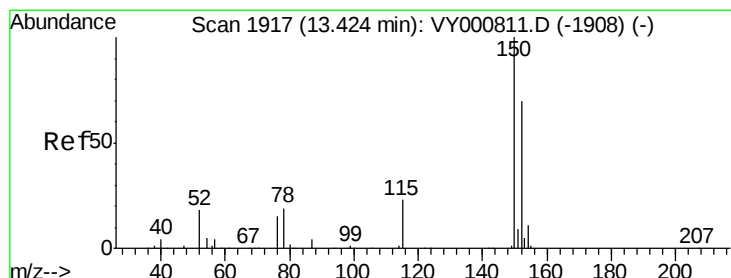
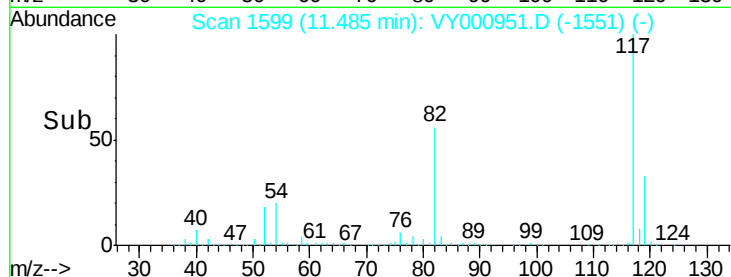
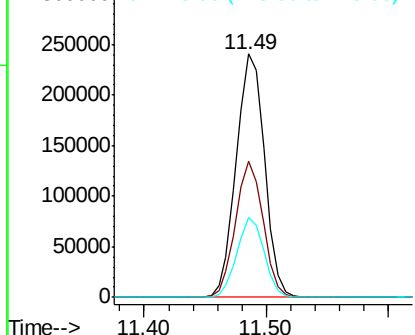
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-121319

Tot Ion:117 Resp: 386324
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 32.5 25.3 37.9

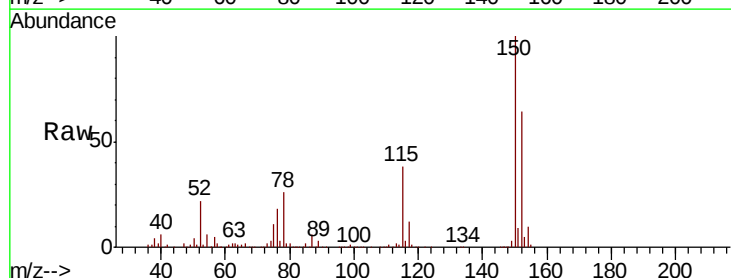


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Tgt Ion:152 Resp: 165365
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 157.7 0.0 351.2



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

