

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY000996.D
 Acq On : 18 Dec 2019 13:48
 Operator : SY/MD
 Sample : K6357-15
 Misc : 5.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-J

Quant Time: Dec 19 06:01:59 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

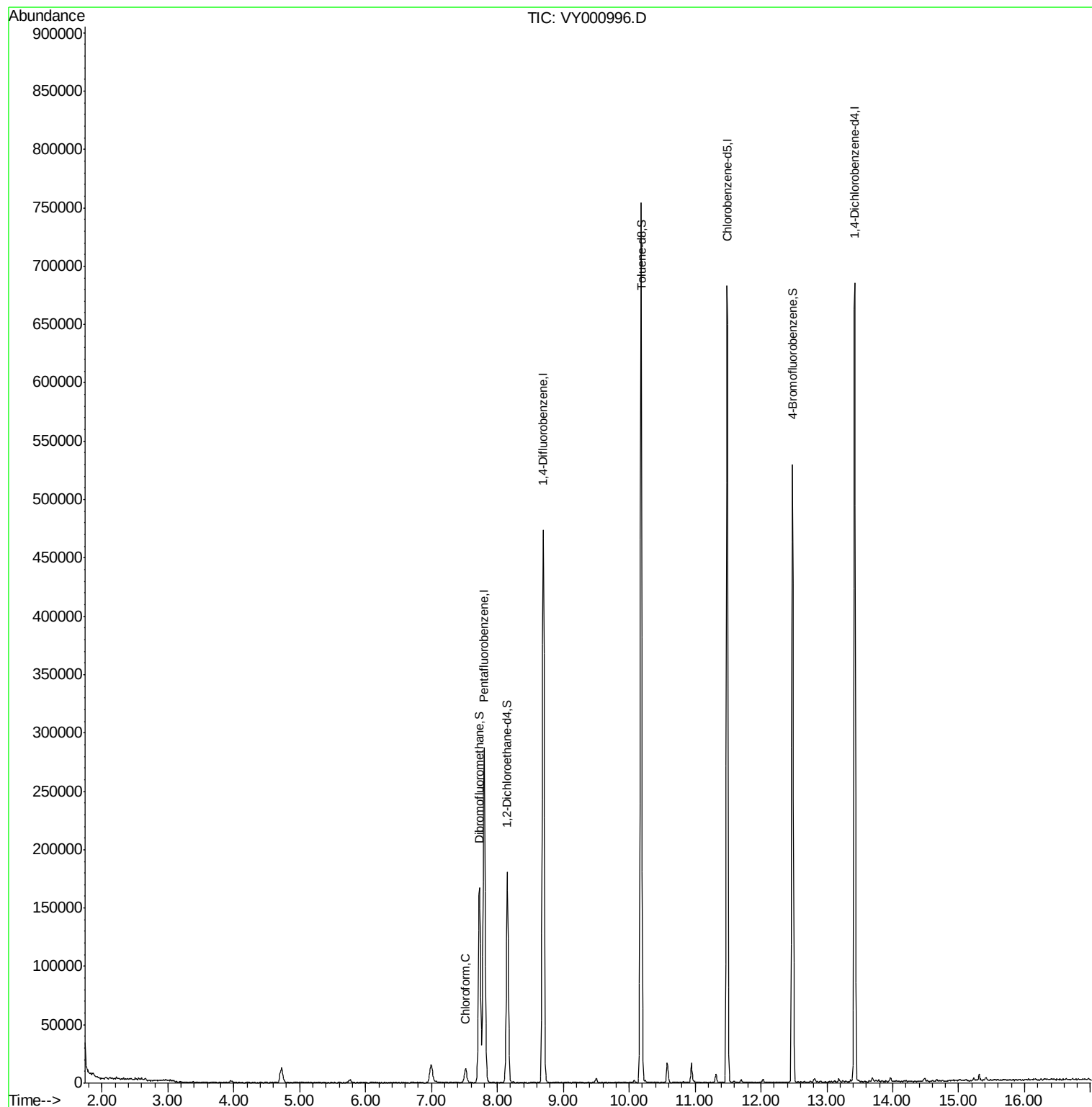
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	410501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	374137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	126860	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	7.73	113	120052	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.18	98	498523	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.48	95	162564	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
30) Chloroform	7.52	83	11869	2.519	ug/l	Qvalue 95

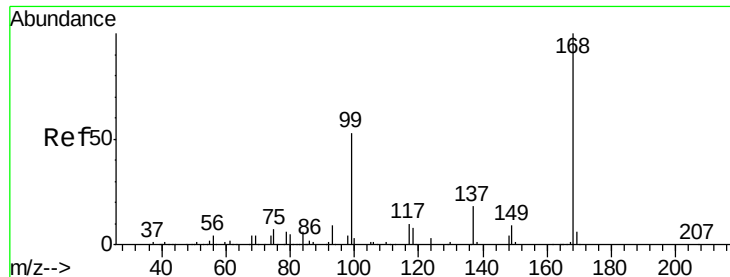
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
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QLast Update : Wed Nov 27 12:40:47 2019
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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: VY000996.D

Acq: 18 Dec 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

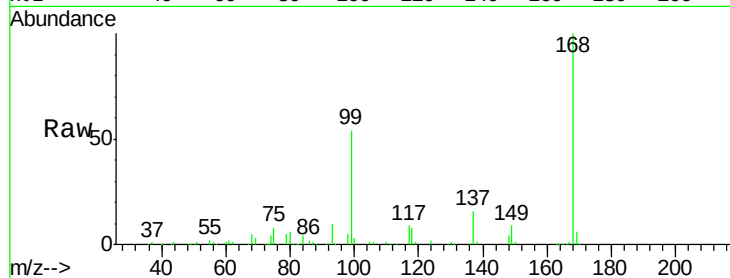
PF-J

Tot Ion:168 Resp: 220500

Ion Ratio Lower Upper

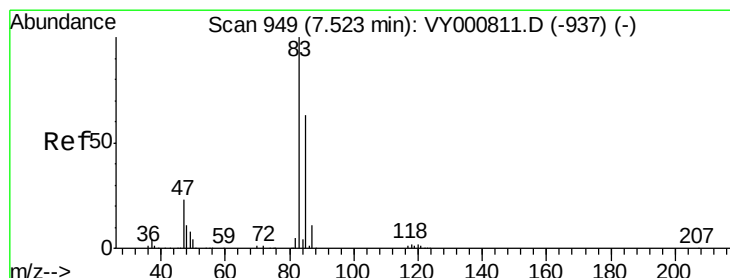
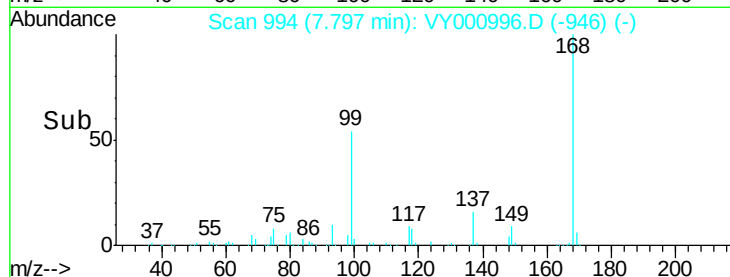
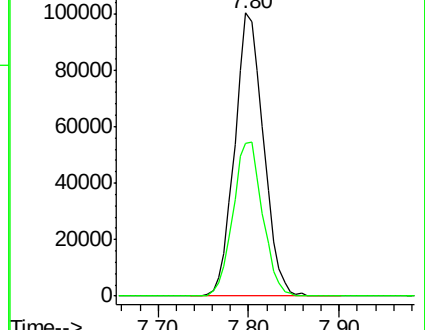
168 100

99 54.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000996.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000996.D (-946) (-)



#30

Chloroform

Concen: 2.519 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000996.D

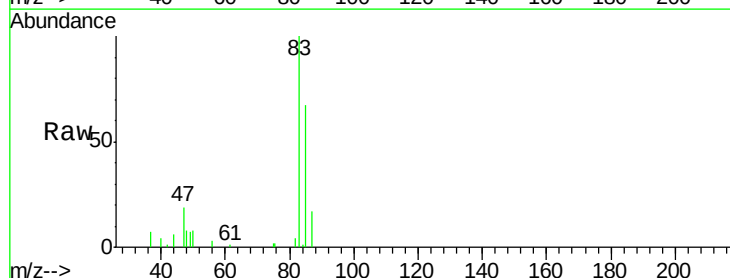
Acq: 18 Dec 2019 13:48

Tgt Ion: 83 Resp: 11869

Ion Ratio Lower Upper

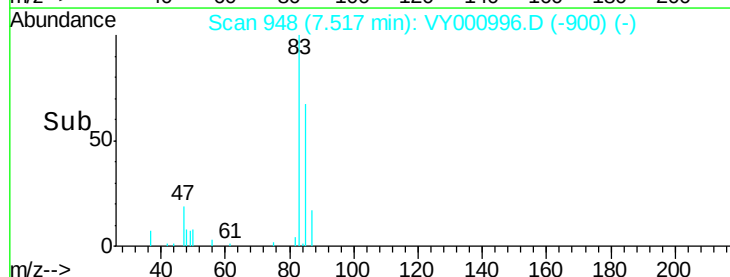
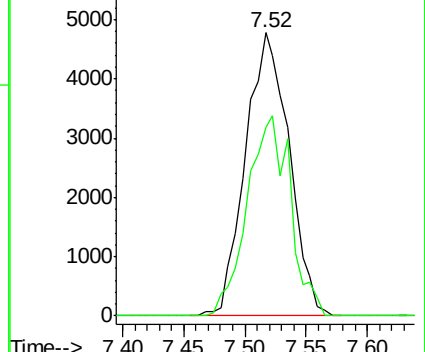
83 100

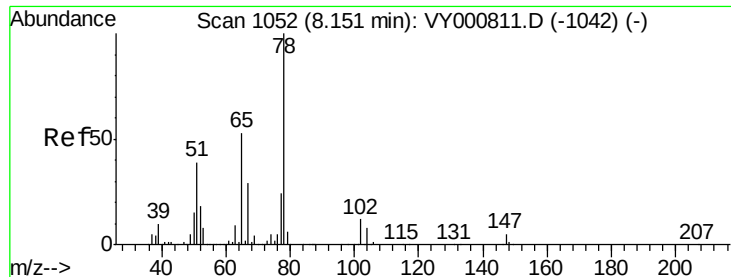
85 66.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY000996.D (-900) (-)

Ion 84.90 (84.60 to 85.60): VY000996.D (-900) (-)

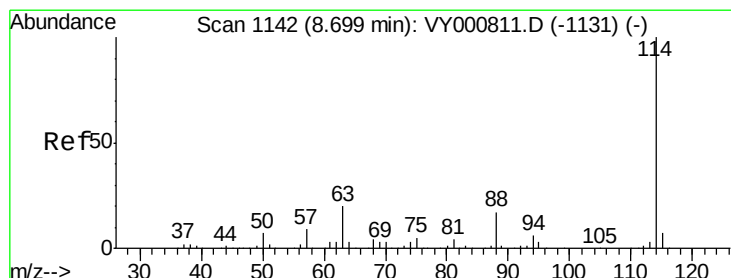
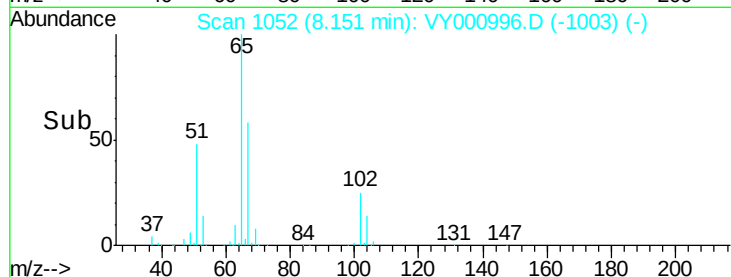
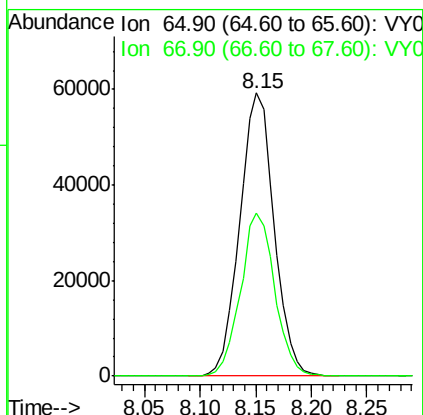
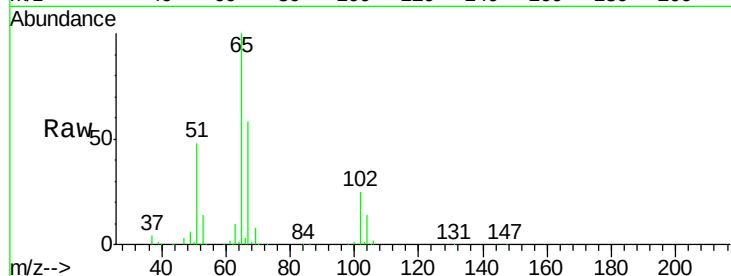




#33
 1,2-Dichloroethane-d4
 Concen: 54.144 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000996.D
 Acq: 18 Dec 2019 13:48

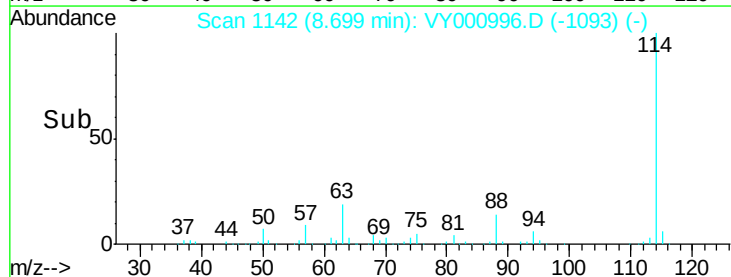
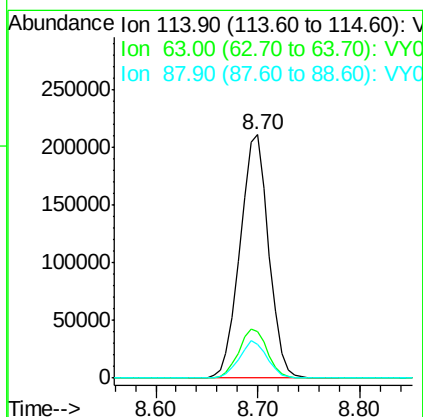
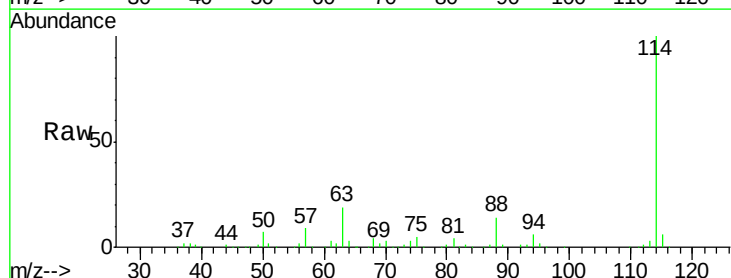
Instrument :
 MSVOA_Y
 ClientSampled :
 PF-J

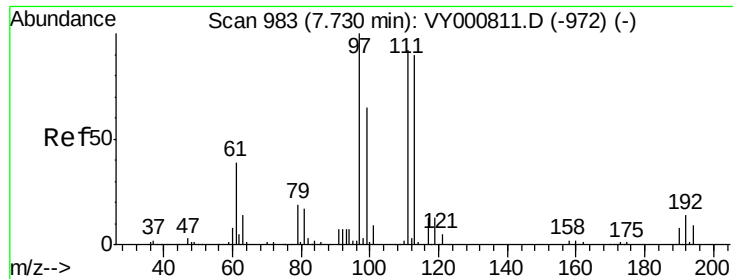
Tot Ion: 65 Resp: 126860
 Ion Ratio Lower Upper
 65 100
 67 57.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000996.D
 Acq: 18 Dec 2019 13:48

Tgt Ion: 114 Resp: 410501
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 14.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.181 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000996.D

Acq: 18 Dec 2019 13:48

Instrument :

MSVOA_Y

ClientSampleId :

PF-J

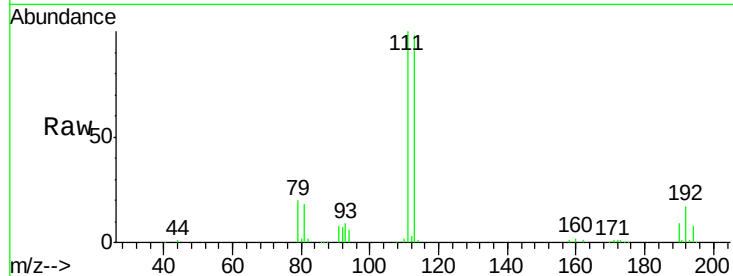
Tot Ion:113 Resp: 120052

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

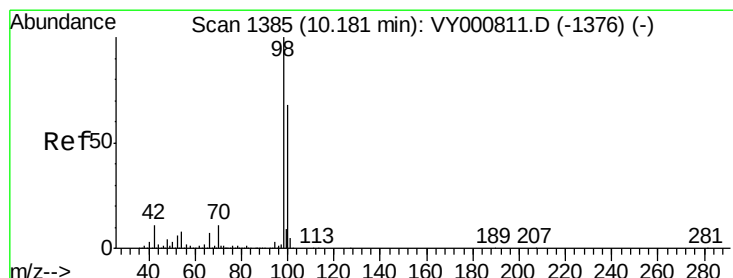
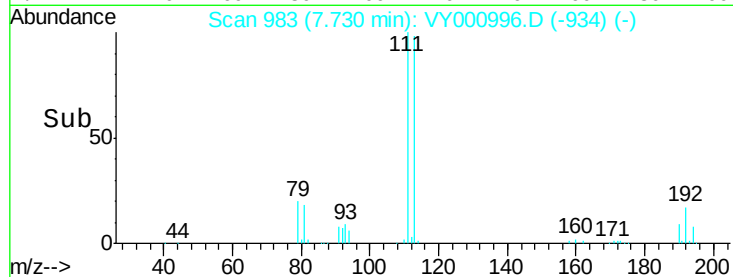
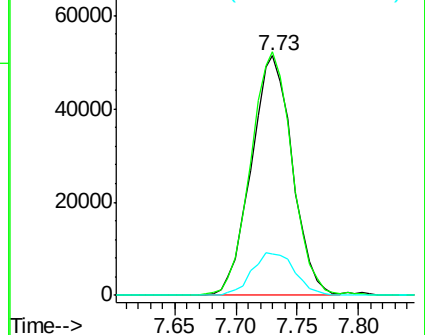
192 18.7 14.2 21.2



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: 52.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000996.D

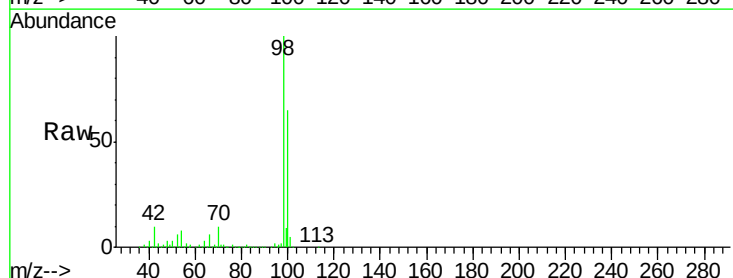
Acq: 18 Dec 2019 13:48

Tgt Ion: 98 Resp: 498523

Ion Ratio Lower Upper

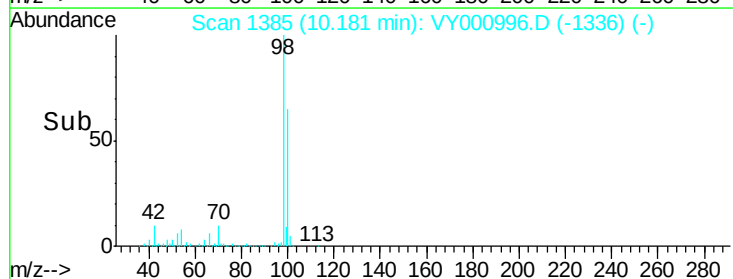
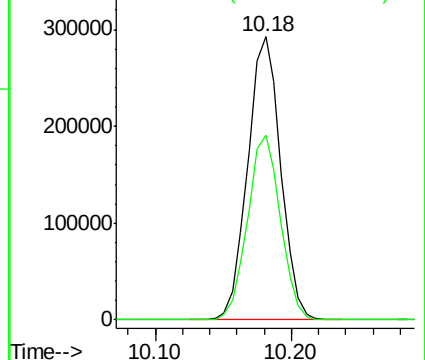
98 100

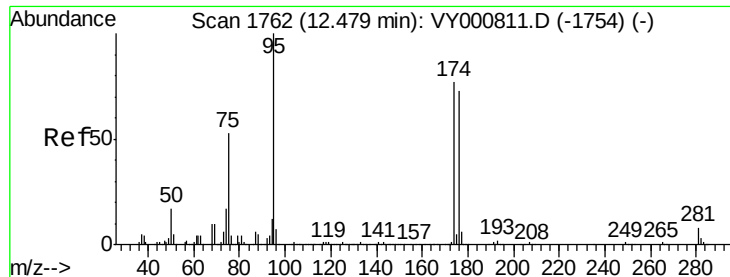
100 64.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.257 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000996.D

Acq: 18 Dec 2019 13:48

Instrument :

MSVOA_Y

ClientSampled :

PF-J

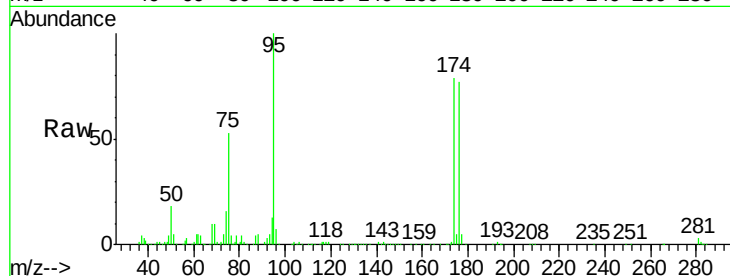
Tot Ion: 95 Resp: 162564

Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

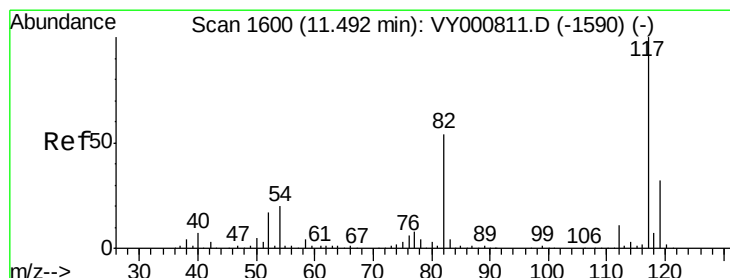
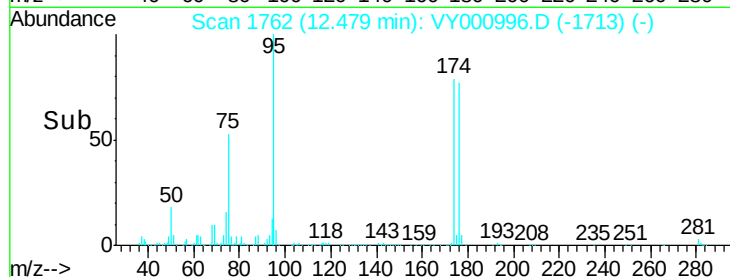
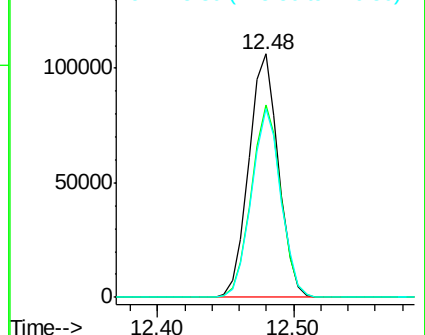
176 76.8 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000996.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000996.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000996.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000996.D

Acq: 18 Dec 2019 13:48

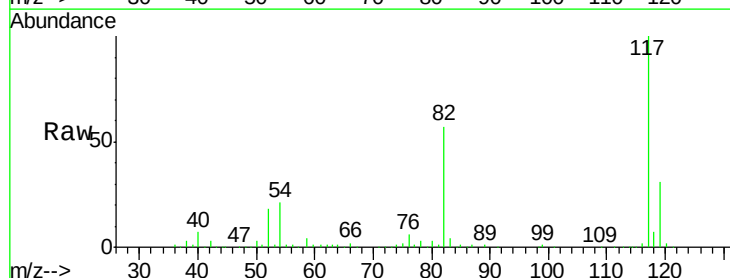
Tgt Ion: 117 Resp: 374137

Ion Ratio Lower Upper

117 100

82 57.2 43.1 64.7

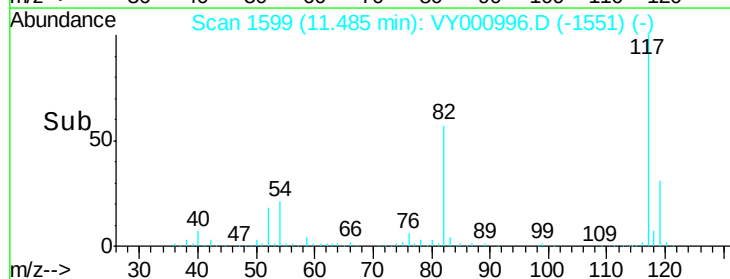
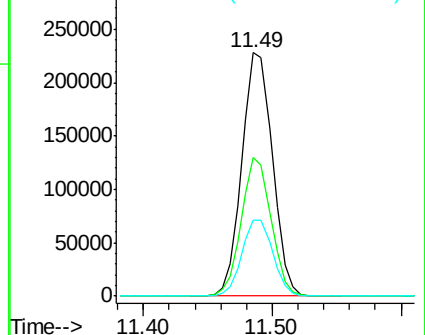
119 31.1 25.3 37.9

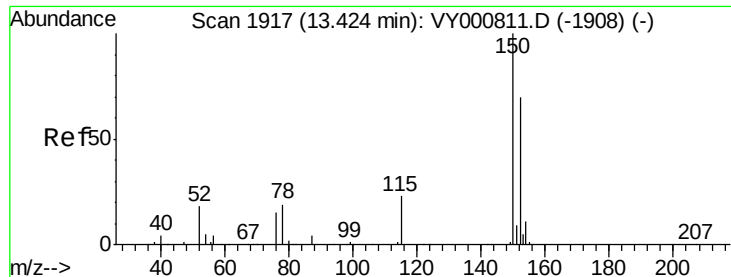


Abundance Ion 116.90 (116.60 to 117.60): VY000996.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000996.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000996.D (-1551) (-)



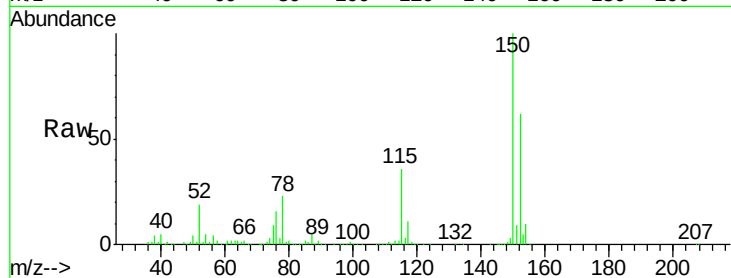


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000996.D
 Acq: 18 Dec 2019 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-J

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	87.8
150	157.4	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

