

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000954.D
 Acq On : 16 Dec 2019 15:05
 Operator : SY/MD
 Sample : K6267-01
 Misc : 2.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-3

Quant Time: Dec 17 08:58:59 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

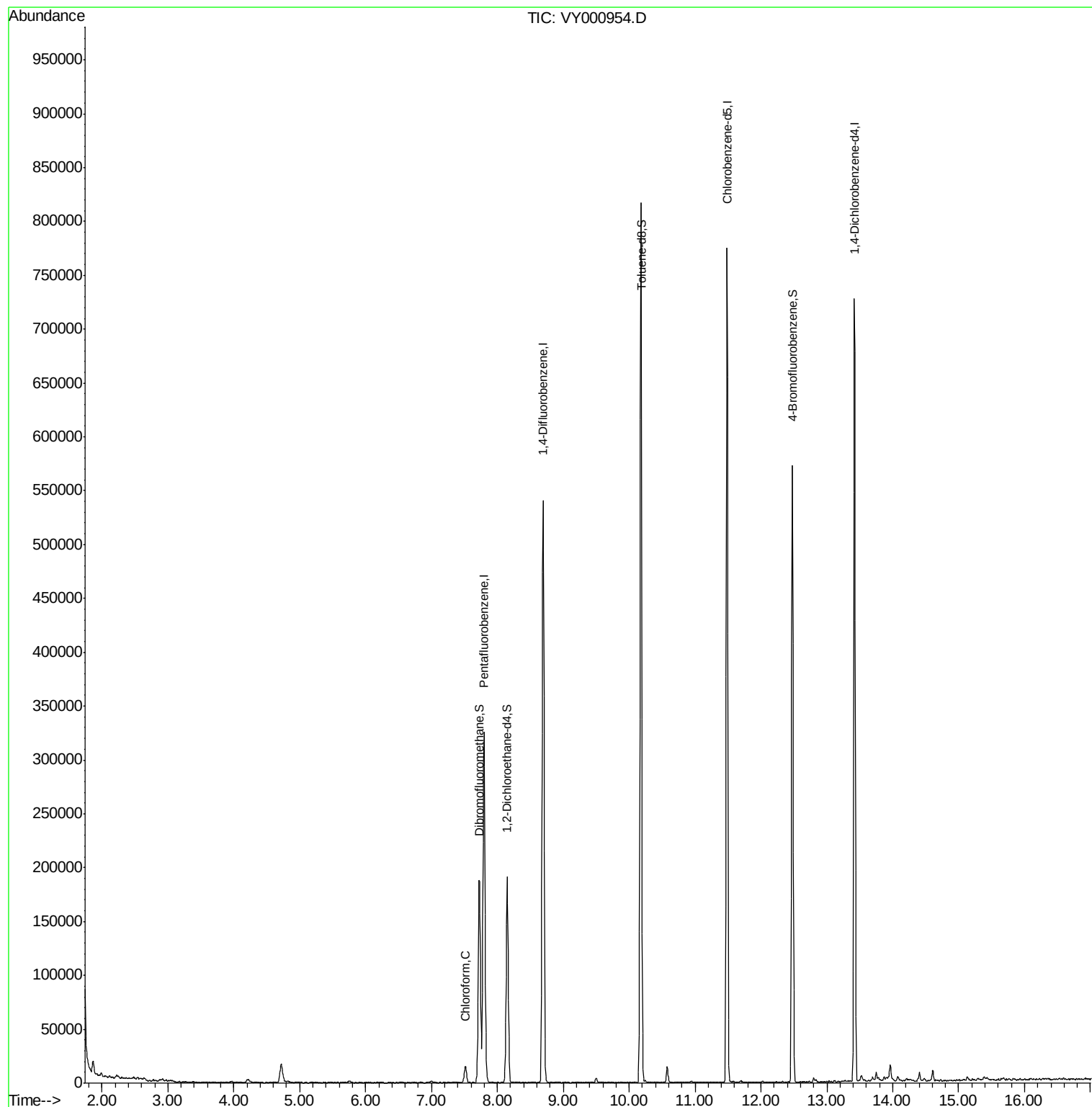
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	143142	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.72	113	134761	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.18	98	549538	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.47	95	181038	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
Target Compounds						
30) Chloroform	7.52	83	15641	2.961	ug/l	Qvalue 87

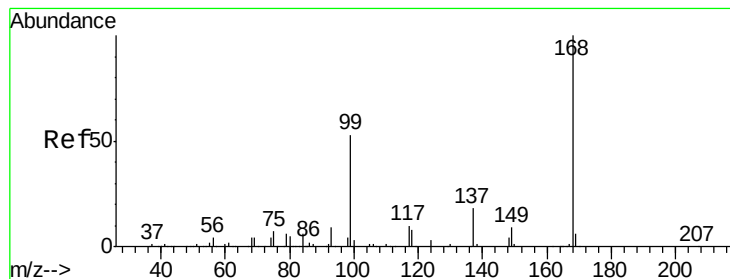
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000954.D

Acq: 16 Dec 2019 15:05

Instrument :

MSVOA_Y

ClientSampled :

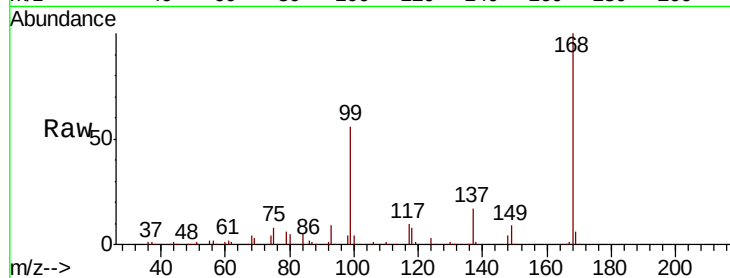
WO-3

Tot Ion:168 Resp: 247257

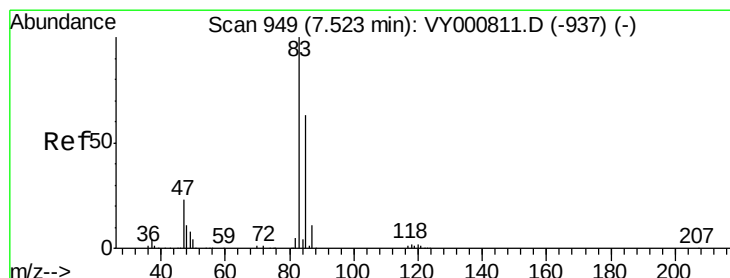
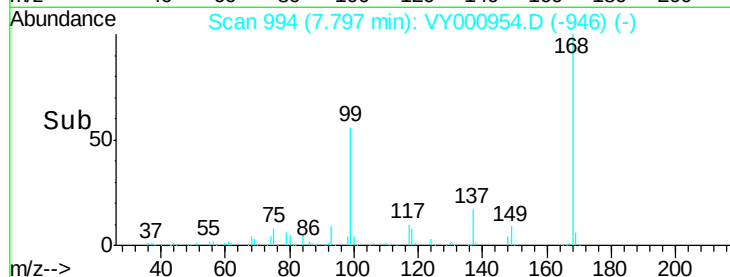
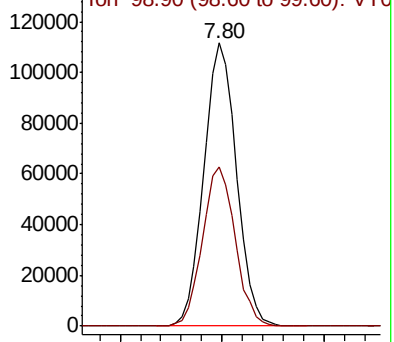
Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000954.D (-946) (-)



#30

Chloroform

Concen: 2.961 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000954.D

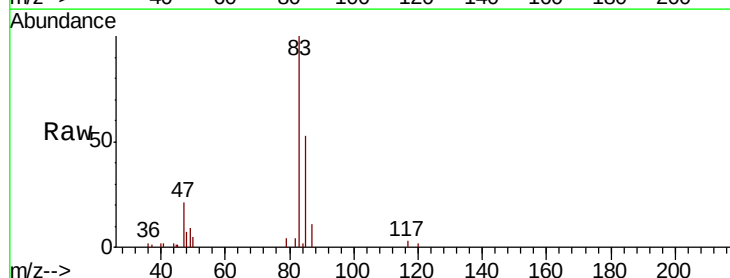
Acq: 16 Dec 2019 15:05

Tgt Ion: 83 Resp: 15641

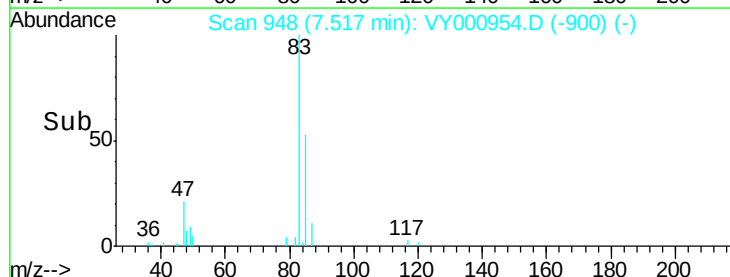
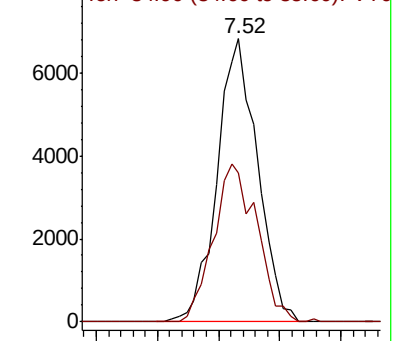
Ion Ratio Lower Upper

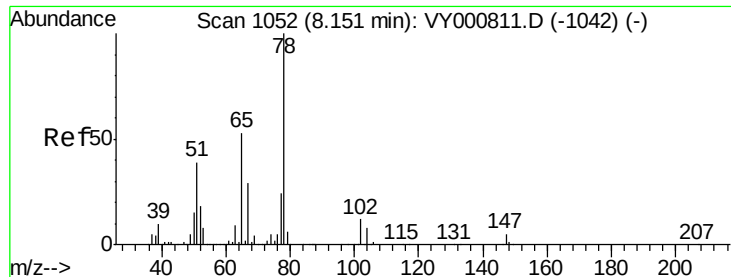
83 100

85 52.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY000954.D (-900) (-)

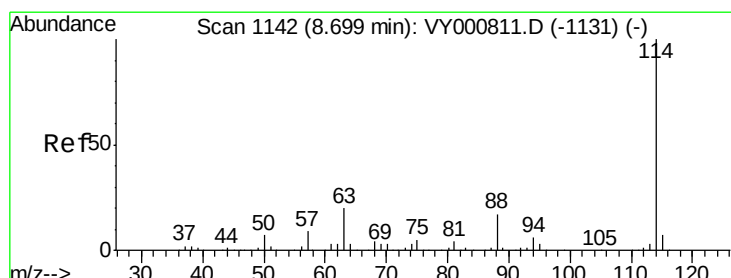
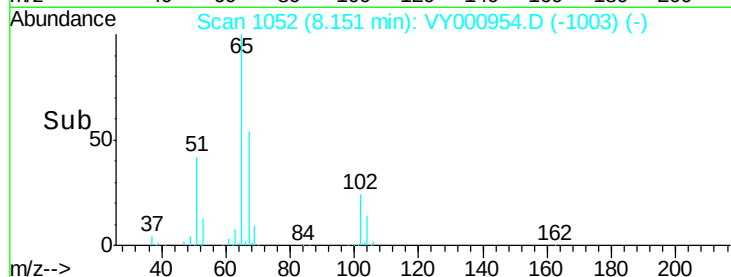
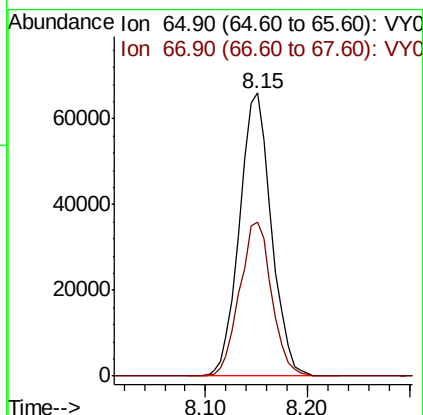
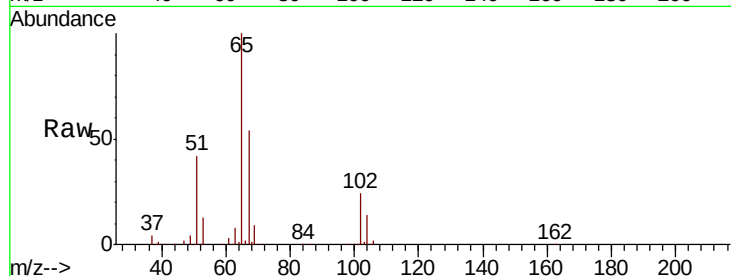




#33
 1,2-Dichloroethane-d4
 Concen: 54.482 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000954.D
 Acq: 16 Dec 2019 15:05

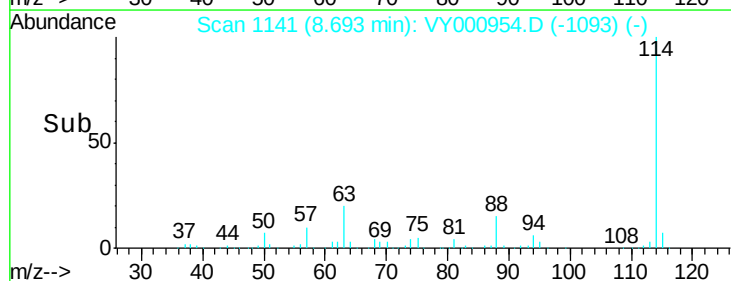
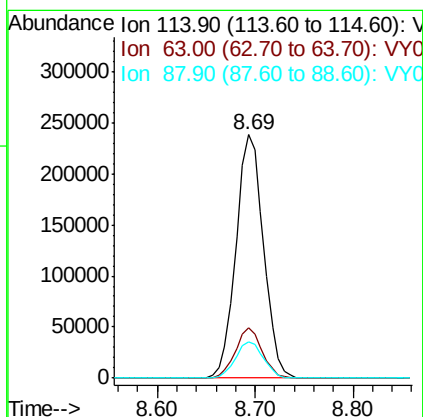
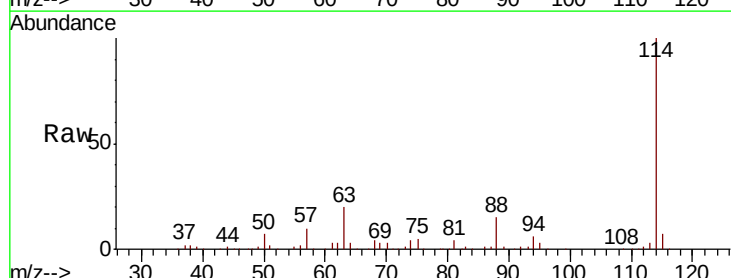
Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-3

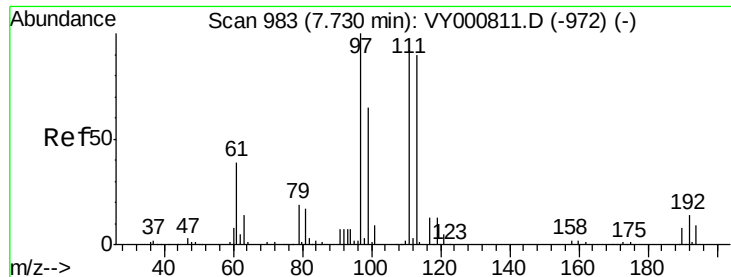
Tot Ion: 65 Resp: 143142
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000954.D
 Acq: 16 Dec 2019 15:05

Tgt Ion: 114 Resp: 463553
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.882 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000954.D

Acq: 16 Dec 2019 15:05

Instrument :

MSVOA_Y

ClientSampleId :

WO-3

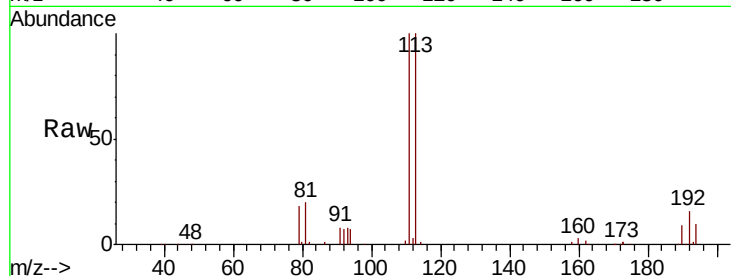
Tot Ion:113 Resp: 134761

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

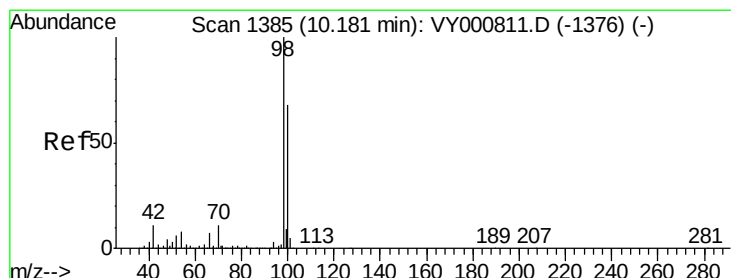
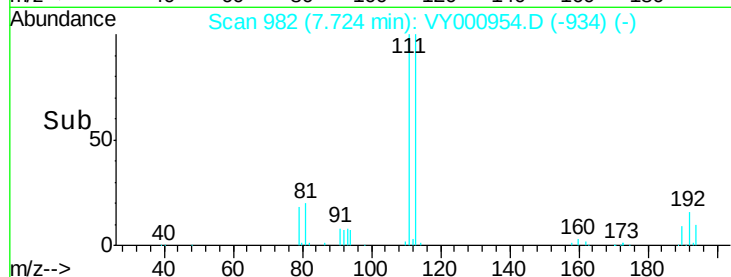
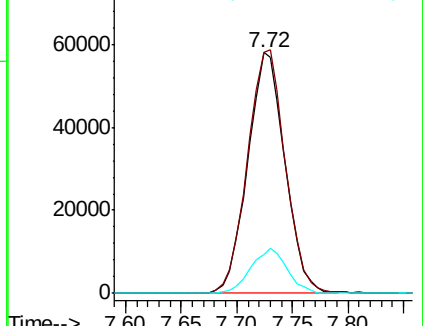
192 18.2 14.2 21.2



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: 50.879 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000954.D

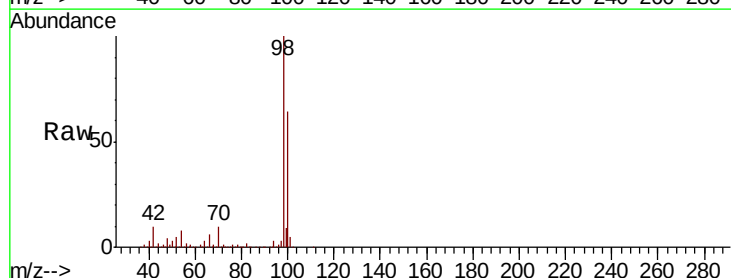
Acq: 16 Dec 2019 15:05

Tgt Ion: 98 Resp: 549538

Ion Ratio Lower Upper

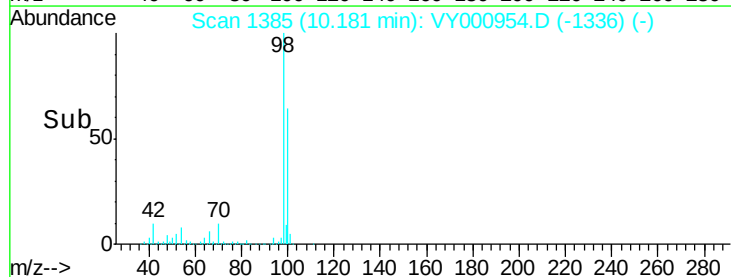
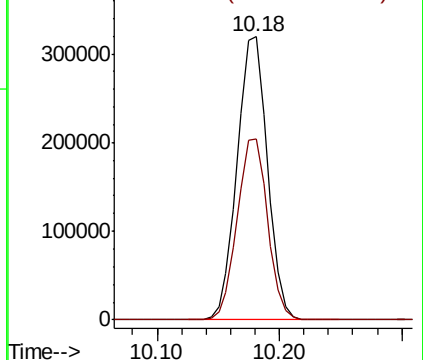
98 100

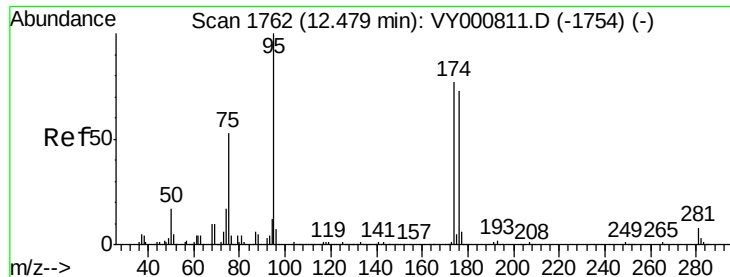
100 64.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.632 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000954.D

Acq: 16 Dec 2019 15:05

Instrument :

MSVOA_Y

ClientSampleId :

WO-3

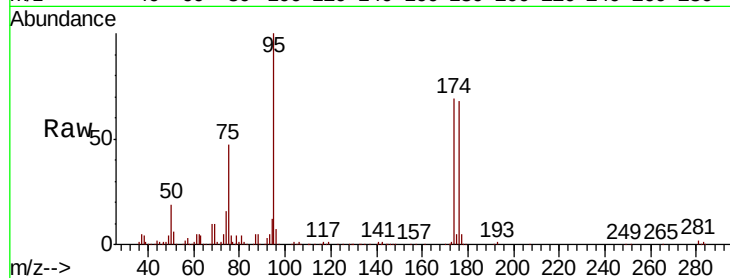
Tot Ion: 95 Resp: 181038

Ion Ratio Lower Upper

95 100

174 78.0 0.0 150.6

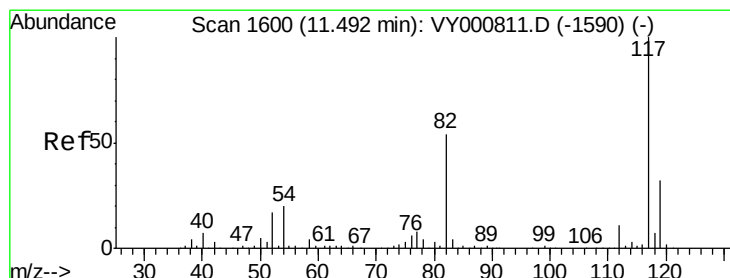
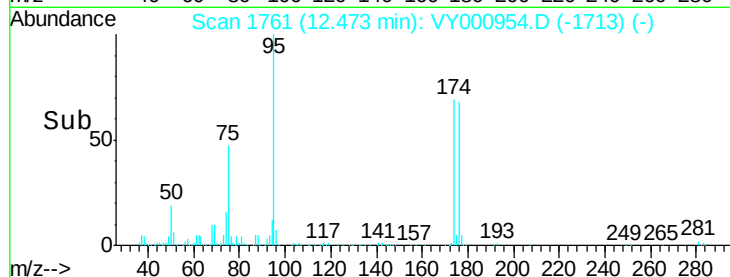
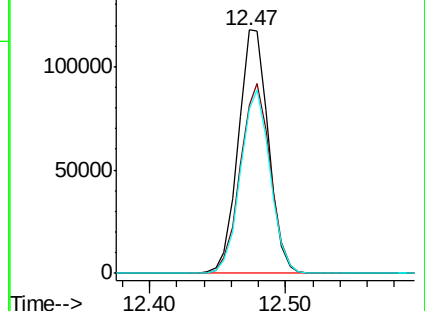
176 74.0 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000954.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000954.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000954.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000954.D

Acq: 16 Dec 2019 15:05

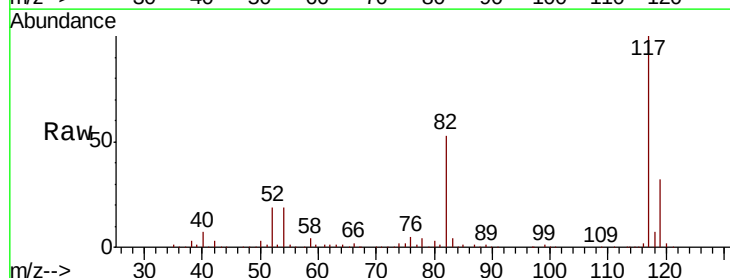
Tgt Ion: 117 Resp: 412413

Ion Ratio Lower Upper

117 100

82 52.8 43.1 64.7

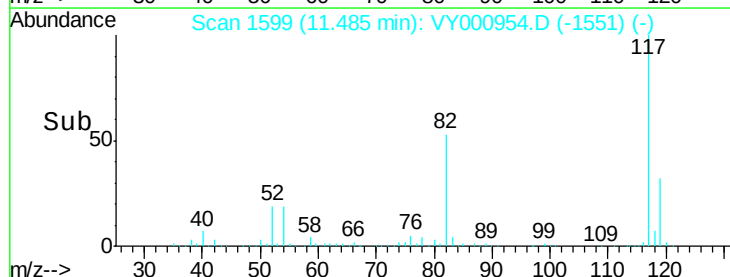
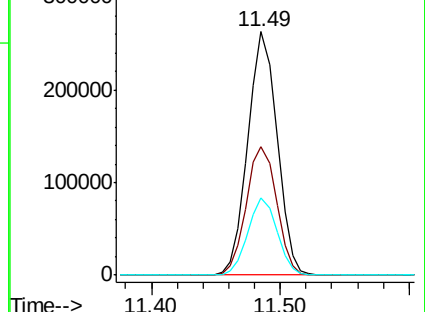
119 31.5 25.3 37.9

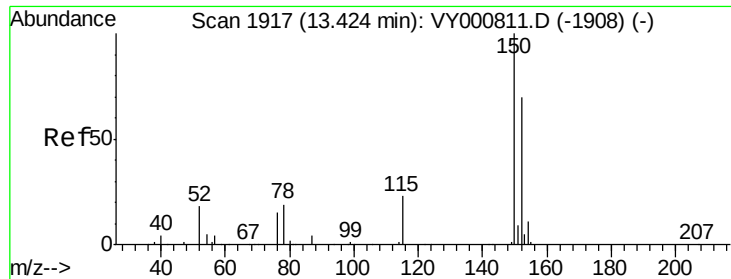


Abundance Ion 116.90 (116.60 to 117.60): VY000954.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000954.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000954.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000954.D

Acq: 16 Dec 2019 15:05

Instrument :

MSVOA_Y

ClientSampleId :

WO-3

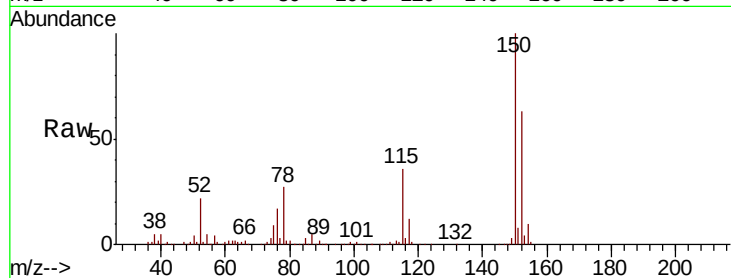
Tot Ion:152 Resp: 179306

Ion Ratio Lower Upper

152 100

115 58.8 29.3 87.8

150 157.0 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

