

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000955.D
 Acq On : 16 Dec 2019 15:27
 Operator : SY/MD
 Sample : K6317-01
 Misc : 7.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB1

Quant Time: Dec 17 07:36:52 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

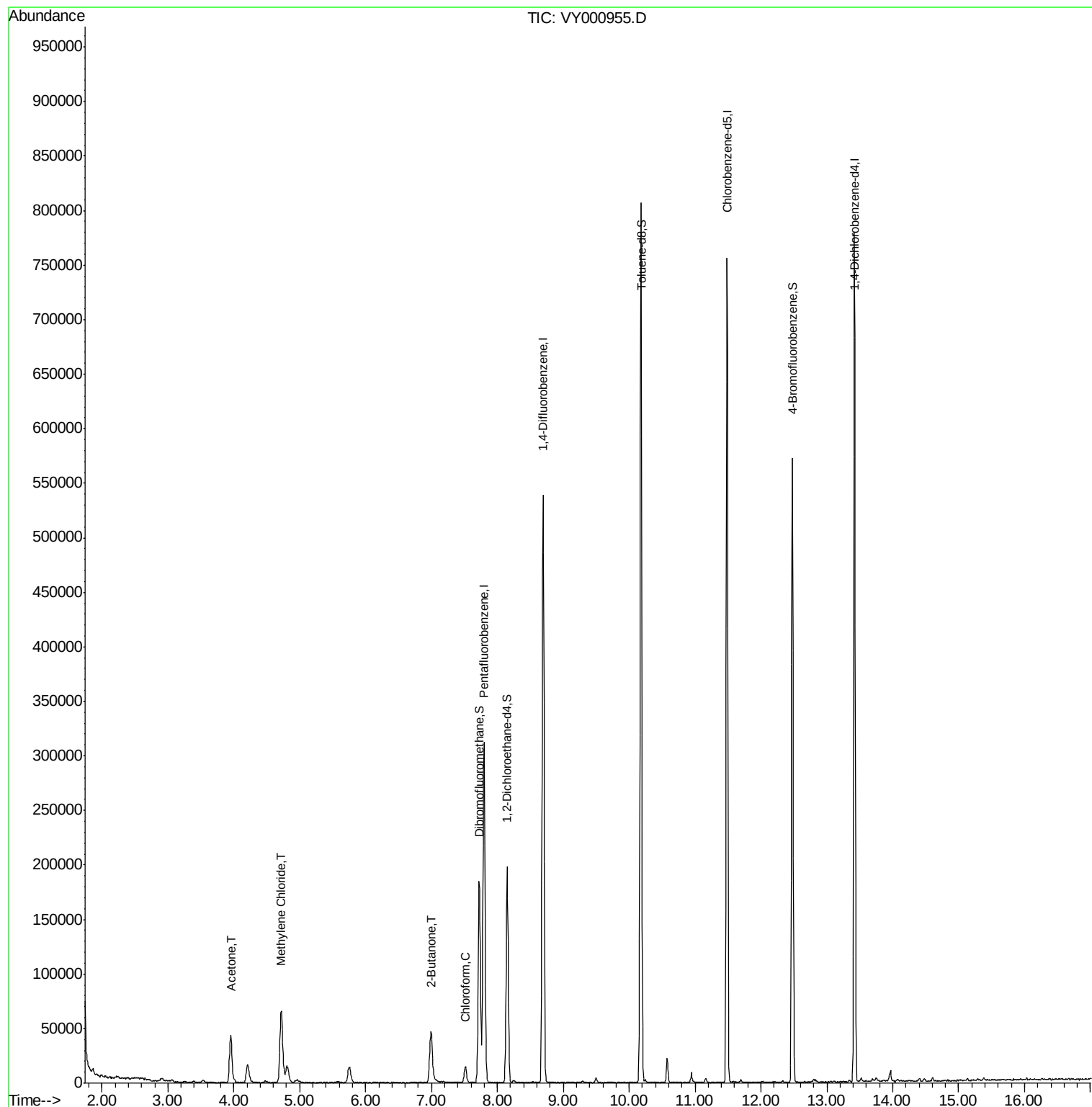
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	453588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	146911	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	7.72	113	133517	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.18	98	539596	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.47	95	181704	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
16) Acetone	3.96	43	69599	116.609	ug/l	97
20) Methylene Chloride	4.72	84	50537	16.063	ug/l	90
25) 2-Butanone	7.00	43	20127	18.255	ug/l	99
30) Chloroform	7.52	83	14240	2.722	ug/l	94

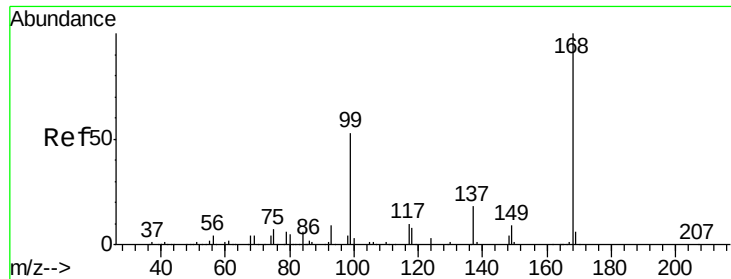
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
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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: VY000955.D

Acq: 16 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

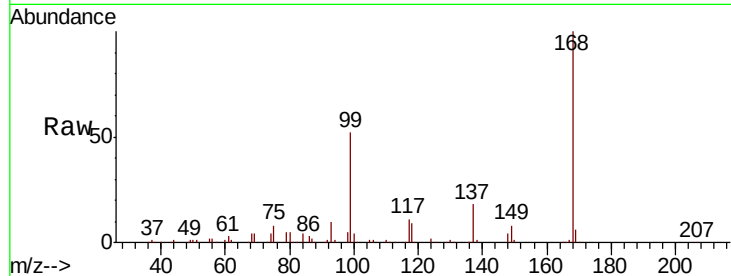
178K-SB1

Tot Ion:168 Resp: 244859

Ion Ratio Lower Upper

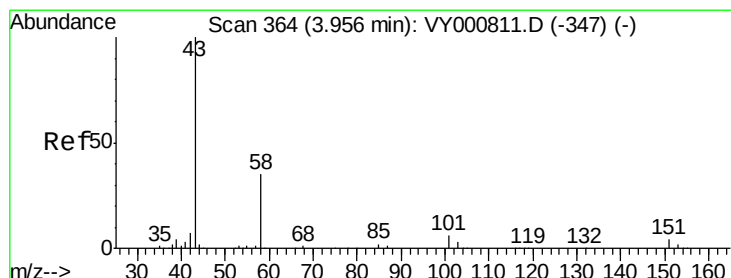
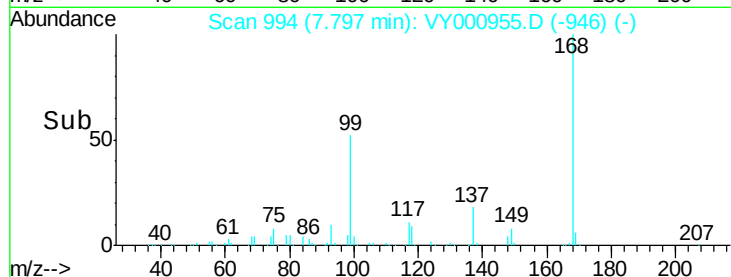
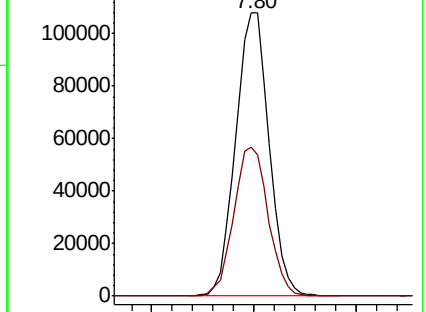
168 100

99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000955.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000955.D (-946) (-)



#16

Acetone

Concen: 116.609 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000955.D

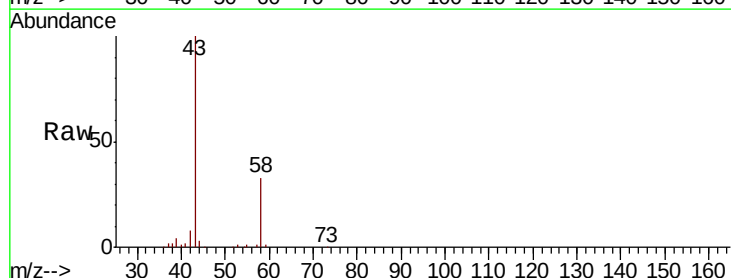
Acq: 16 Dec 2019 15:27

Tgt Ion: 43 Resp: 69599

Ion Ratio Lower Upper

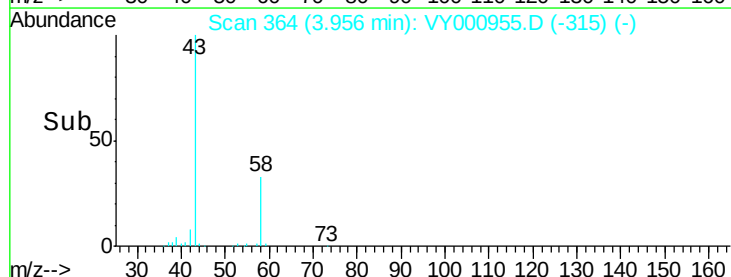
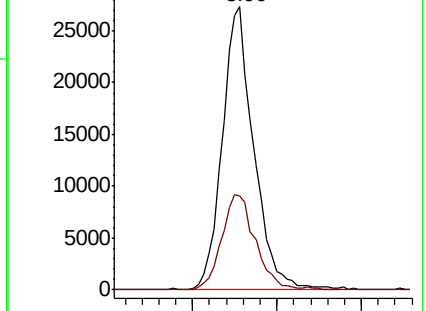
43 100

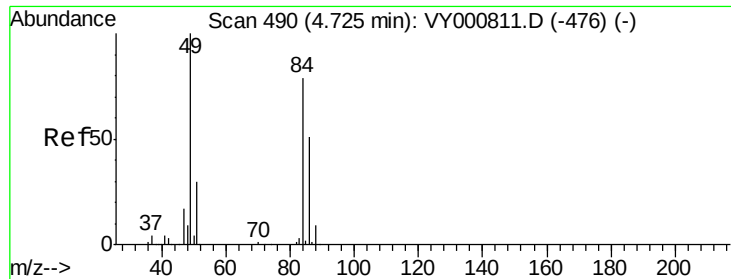
58 33.0 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000955.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000955.D (-315) (-)

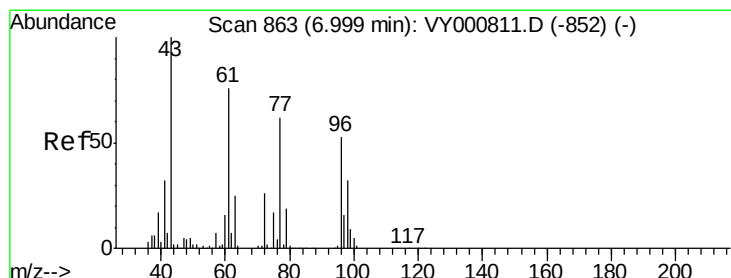
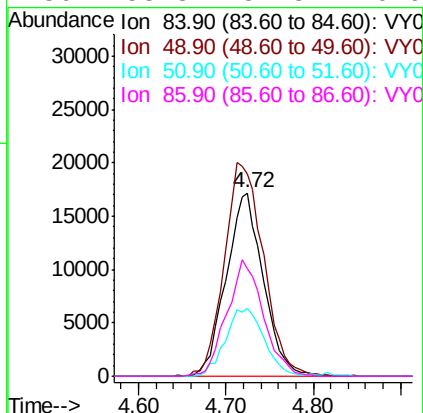
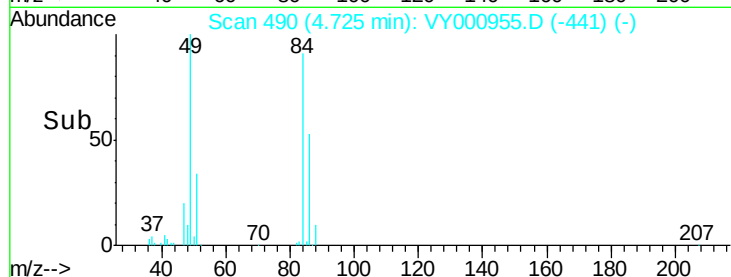
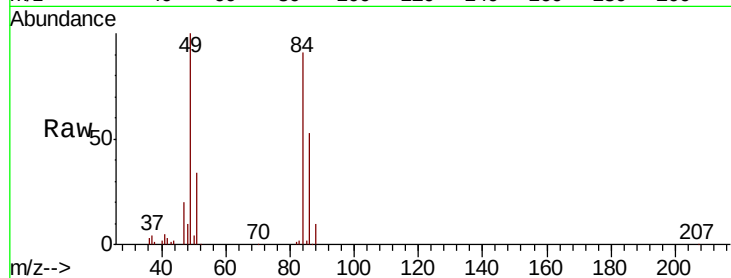




#20
Methylene Chloride
Concen: 16.063 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000955.D
Acq: 16 Dec 2019 15:27

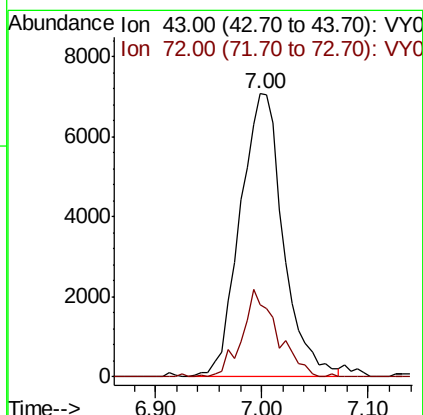
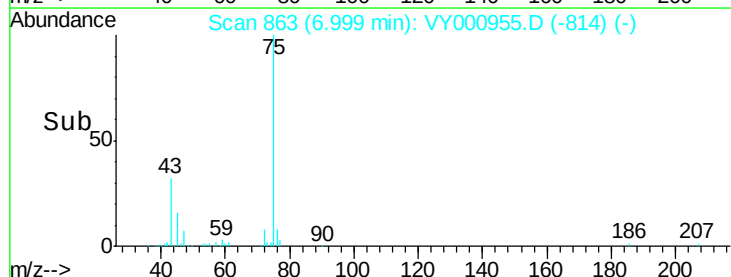
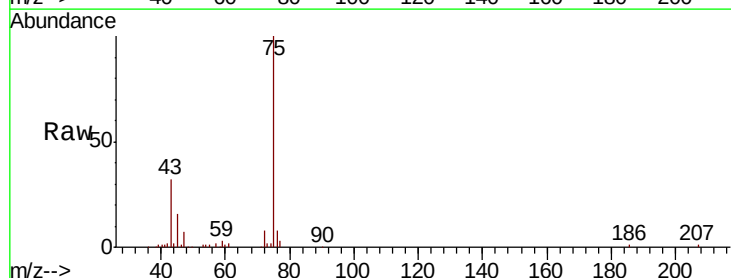
Instrument :
MSVOA_Y
ClientSampleId :
178K-SB1

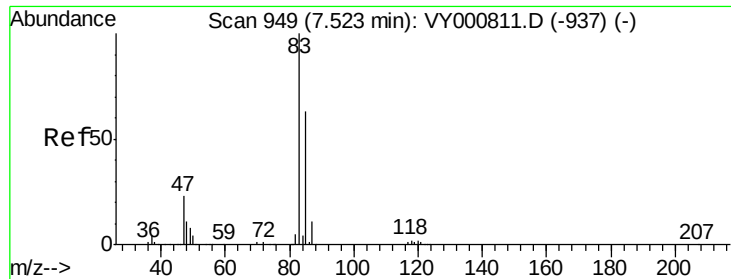
Tot Ion:	84	Resp:	50537
Ion	Ratio	Lower	Upper
84	100		
49	110.1	101.3	151.9
51	36.6	30.6	45.8
86	58.8	51.3	76.9



#25
2-Butanone
Concen: 18.255 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000955.D
Acq: 16 Dec 2019 15:27

Tgt Ion:	43	Resp:	20127
Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.0	31.4

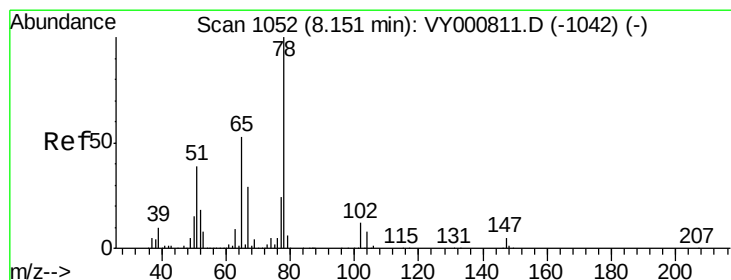
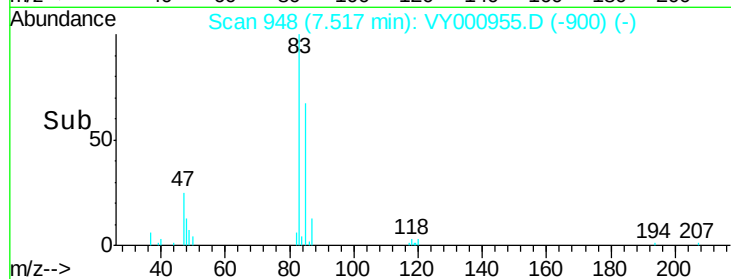
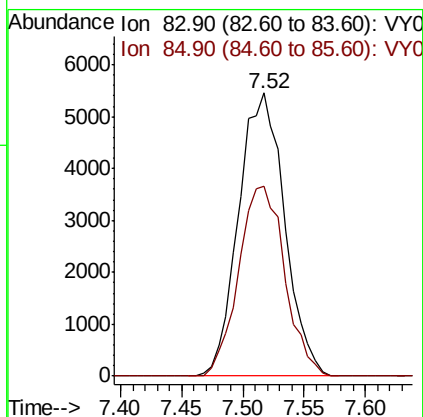
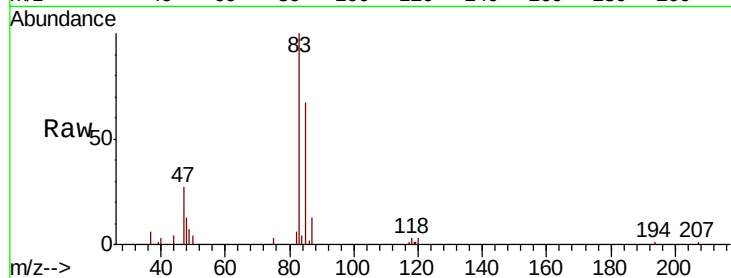




#30
Chloroform
Concen: 2.722 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000955.D
Acq: 16 Dec 2019 15:27

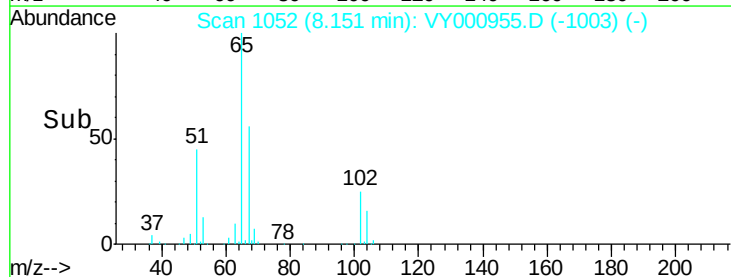
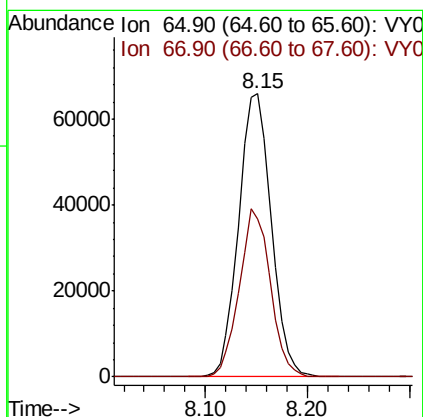
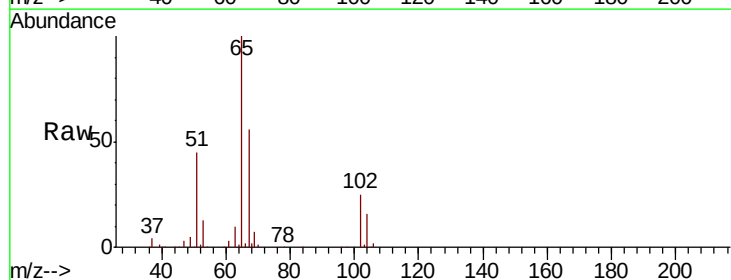
Instrument :
MSVOA_Y
ClientSampled :
178K-SB1

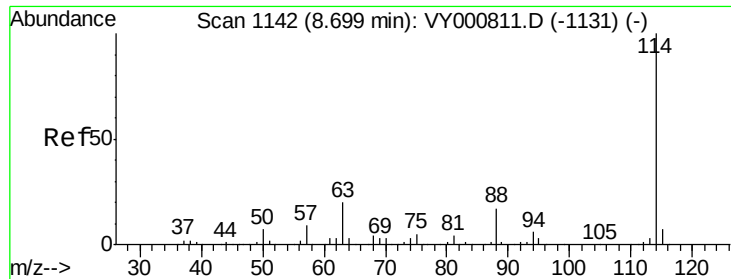
Tot Ion: 83 Resp: 14240
Ion Ratio Lower Upper
83 100
85 67.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 56.464 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000955.D
Acq: 16 Dec 2019 15:27

Tgt Ion: 65 Resp: 146911
Ion Ratio Lower Upper
65 100
67 56.5 0.0 112.0

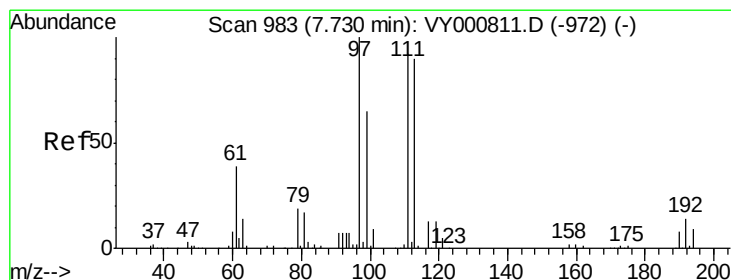
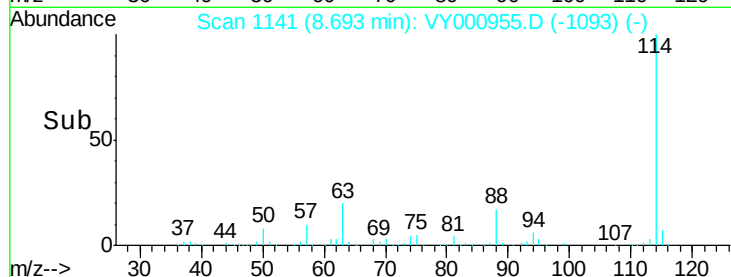
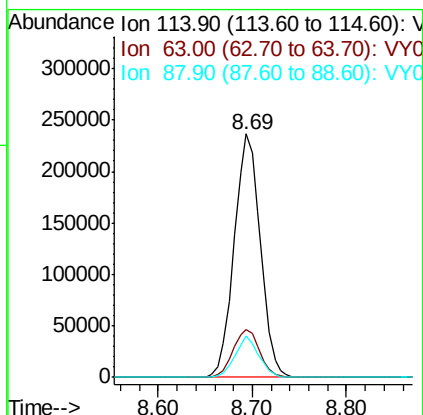
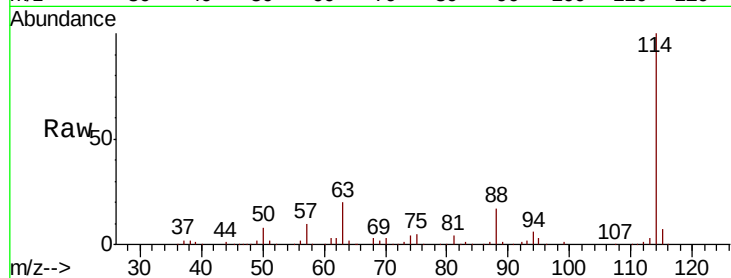




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000955.D
 Acq: 16 Dec 2019 15:27

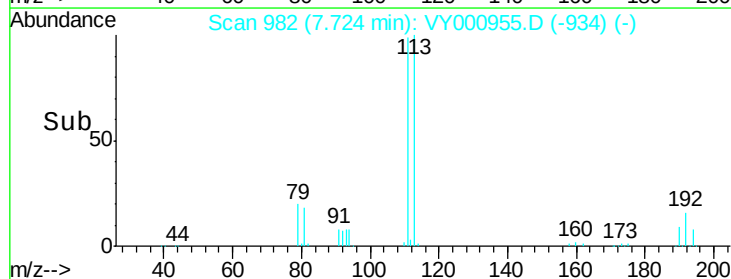
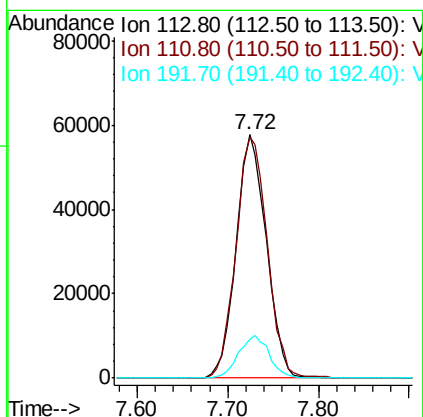
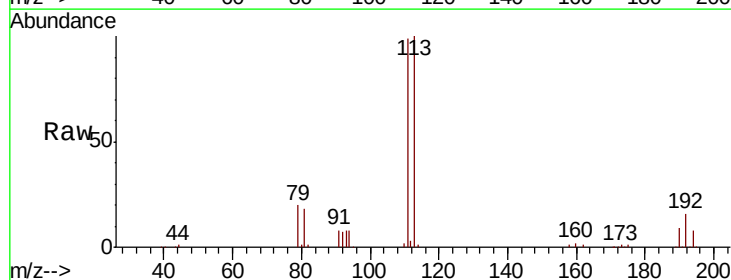
Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB1

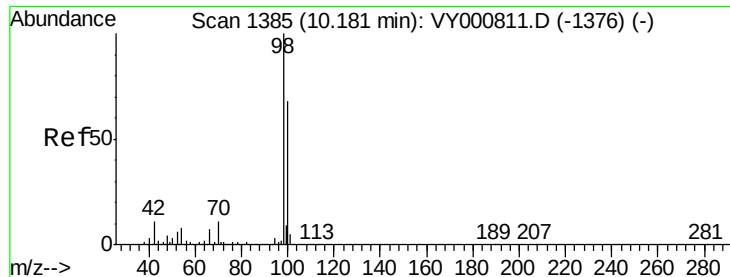
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	16.8	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 50.508 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000955.D
 Acq: 16 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	17.8	14.2	21.2





#50

Toluene-d8

Concen: 51.056 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000955.D

Acq: 16 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

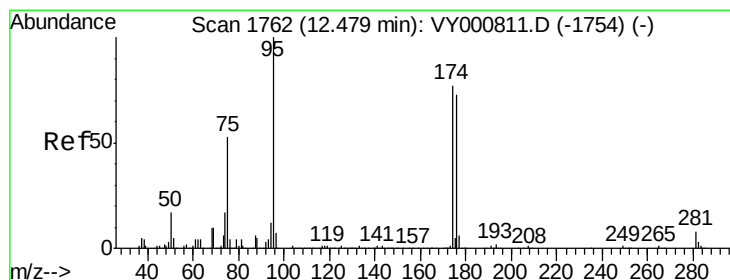
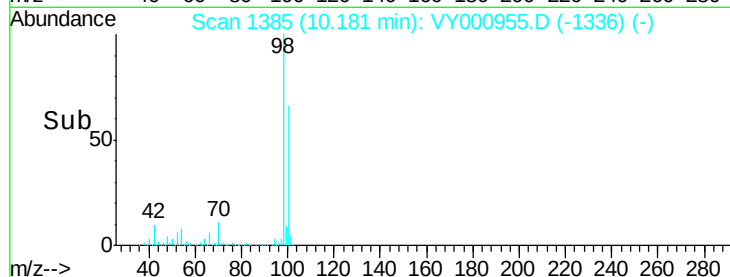
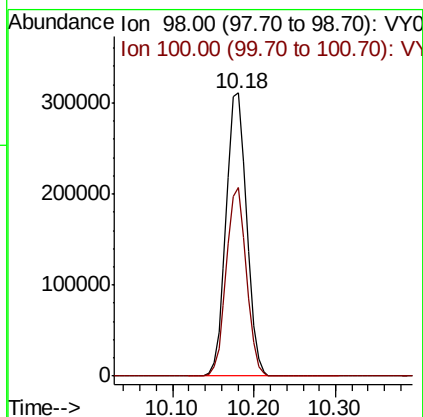
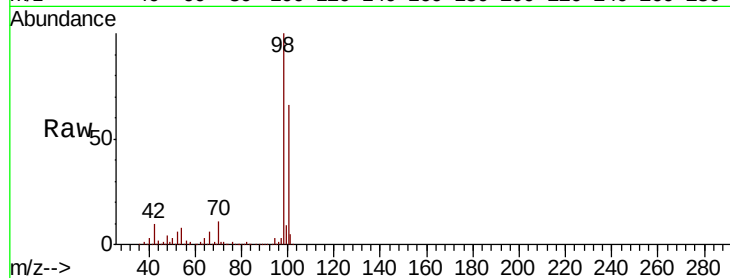
178K-SB1

Tot Ion: 98 Resp: 539596

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.780 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000955.D

Acq: 16 Dec 2019 15:27

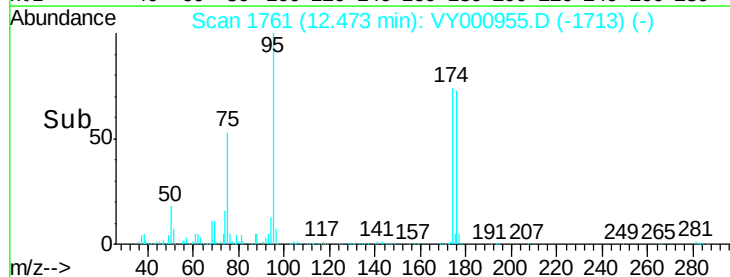
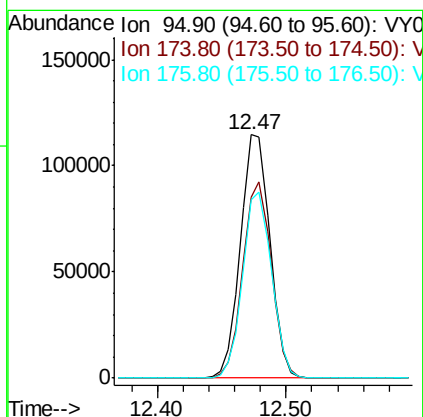
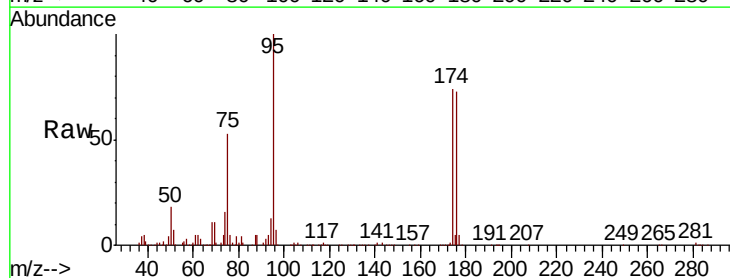
Tgt Ion: 95 Resp: 181704

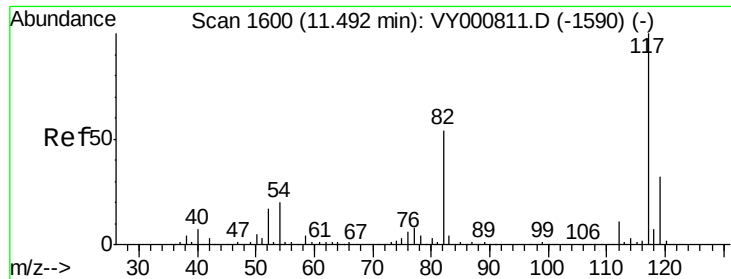
Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.6

176 74.8 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: VY000955.D

Acq: 16 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB1

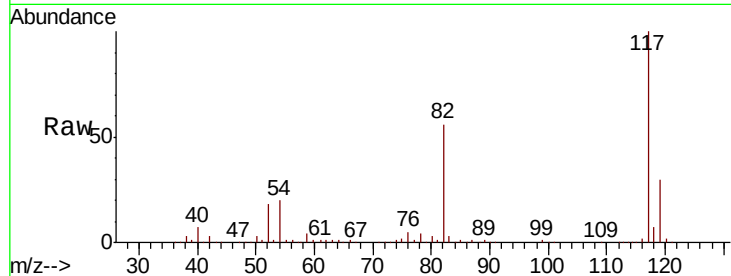
Tot Ion:117 Resp: 411087

Ion Ratio Lower Upper

117 100

82 55.7 43.1 64.7

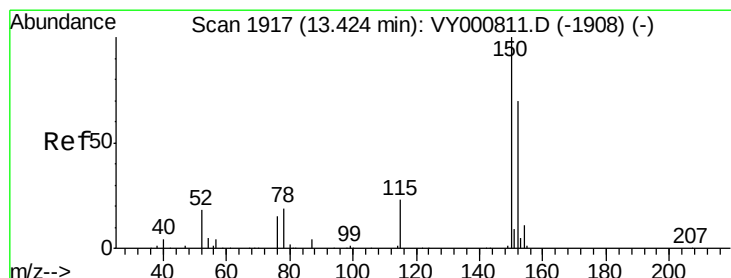
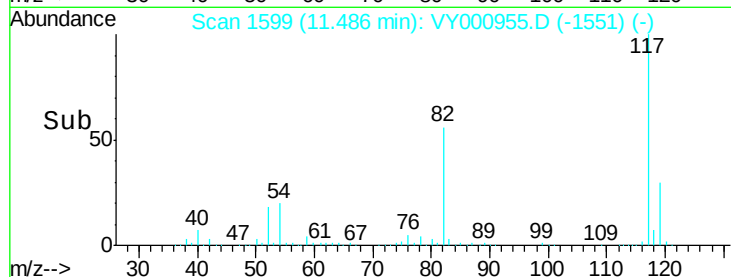
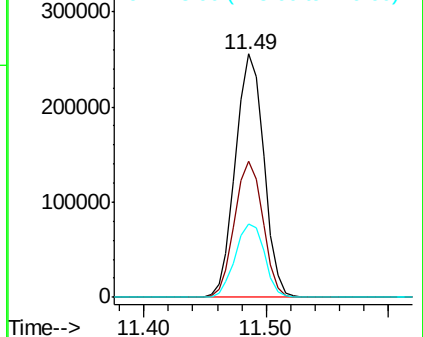
119 29.9 25.3 37.9



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: VY000955.D

Acq: 16 Dec 2019 15:27

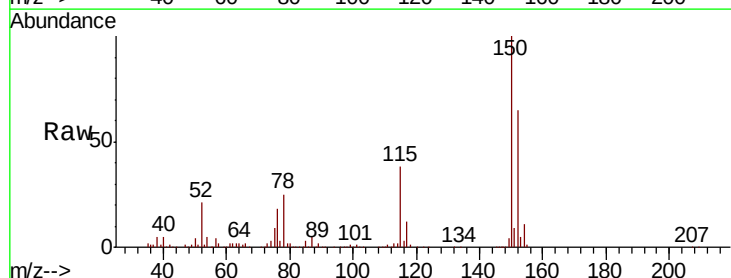
Tgt Ion:152 Resp: 184011

Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.8

150 155.2 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

