

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000839.D
 Acq On : 03 Dec 2019 13:31
 Operator : SY/MD
 Sample : K6100-01
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-1

Quant Time: Dec 04 01:05:47 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

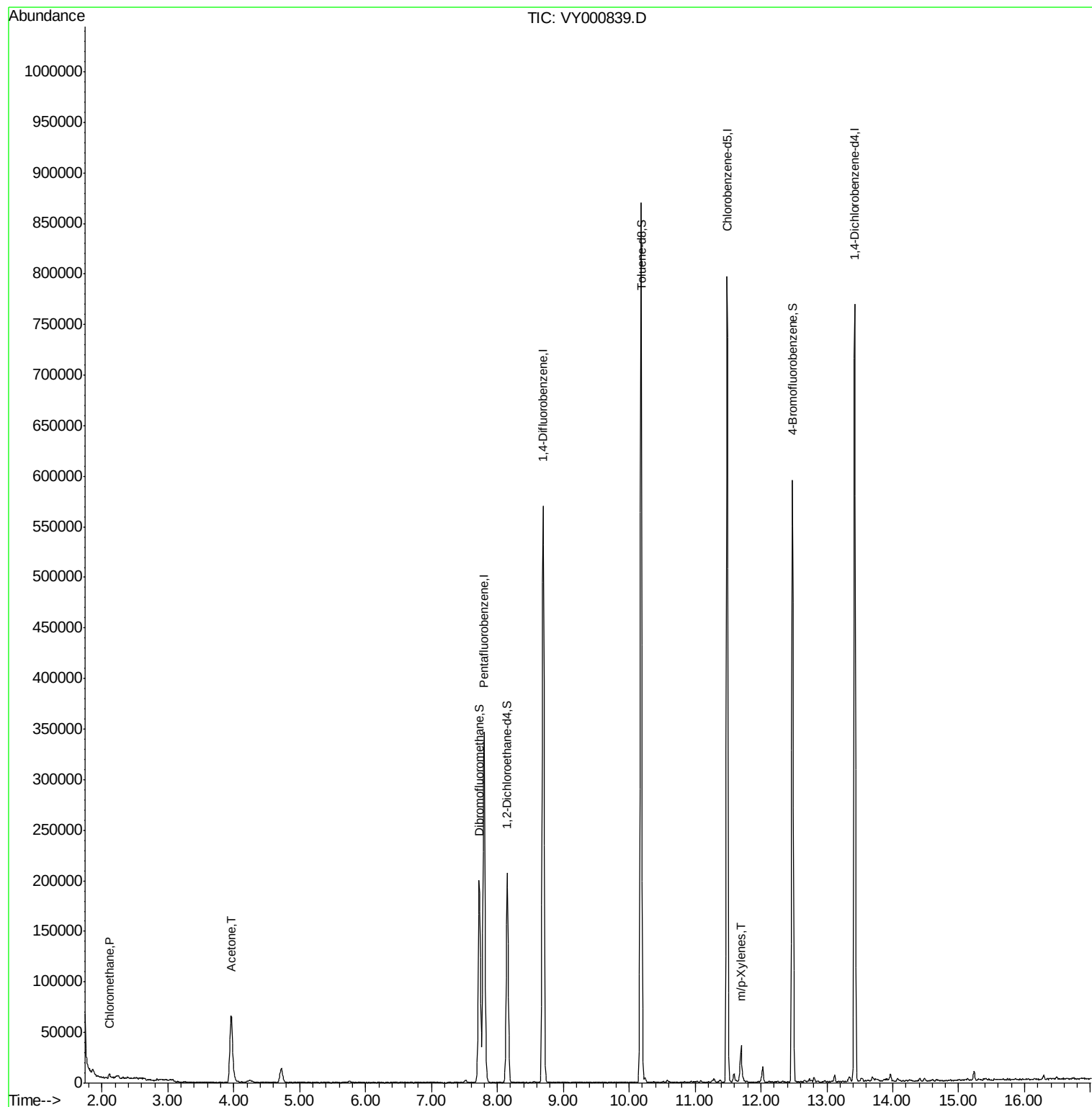
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	481820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156140	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	7.72	113	141780	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.18	98	572502	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.48	95	191353	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
3) Chloromethane	2.12	50	3748	1.096	ug/l #	88
16) Acetone	3.96	43	121933	194.140	ug/l	98
68) m/p-Xylenes	11.70	106	10460	1.709	ug/l	98

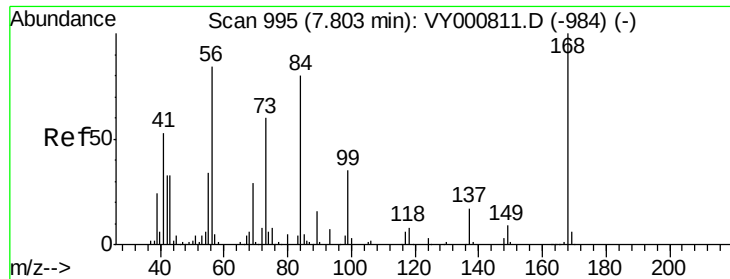
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000839.D

Acq: 03 Dec 2019 13:31

Instrument :

MSVOA_Y

ClientSampled :

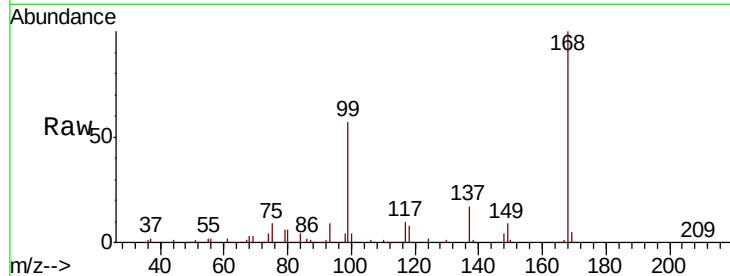
TH-1

Tot Ion:168 Resp: 257663

Ion Ratio Lower Upper

168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000839.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000839.D (-946) (-)

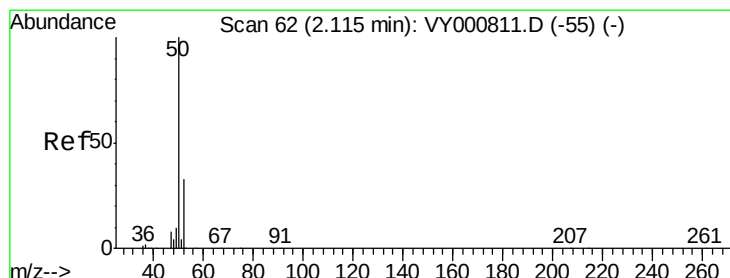
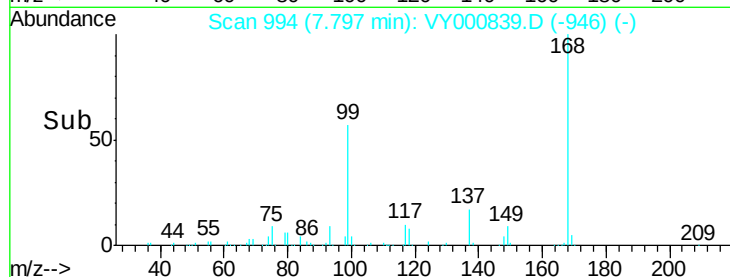
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.096 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000839.D

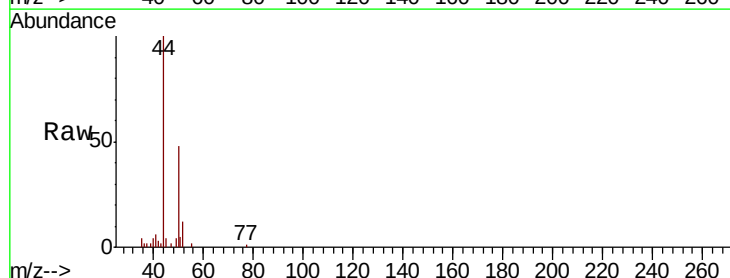
Acq: 03 Dec 2019 13:31

Tgt Ion: 50 Resp: 3748

Ion Ratio Lower Upper

50 100

52 25.7 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VY000839.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000839.D (-13) (-)

2.12

2500

2000

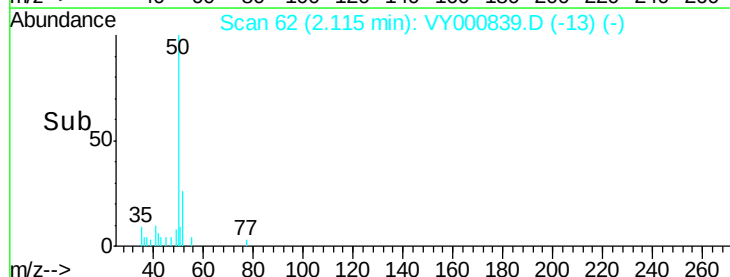
1500

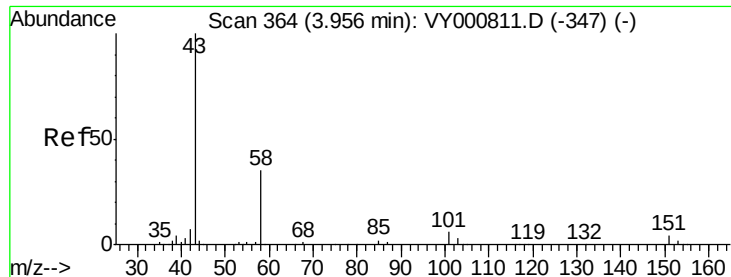
1000

500

0

Time-->





#16

Acetone

Concen: 194.140 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000839.D

Acq: 03 Dec 2019 13:31

Instrument :

MSVOA_Y

ClientSampleId :

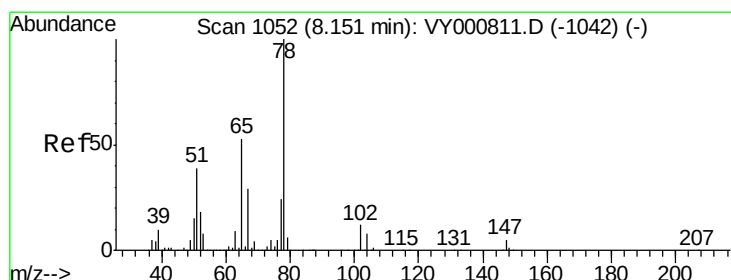
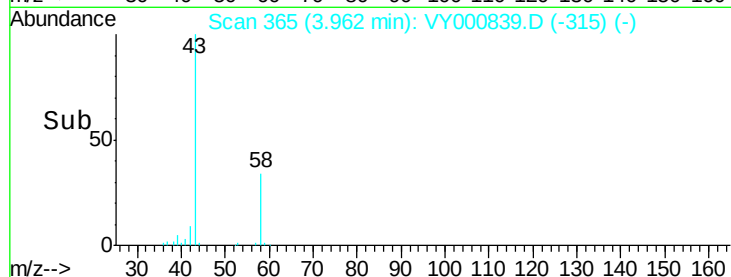
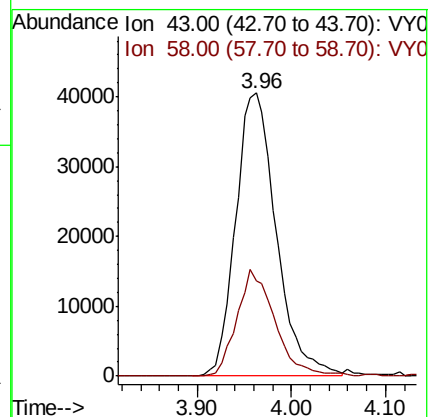
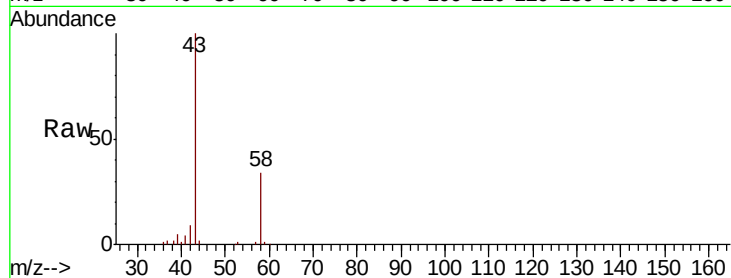
TH-1

Tot Ion: 43 Resp: 121933

Ion Ratio Lower Upper

43 100

58 33.8 28.0 42.0



#33

1,2-Dichloroethane-d4

Concen: 57.029 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000839.D

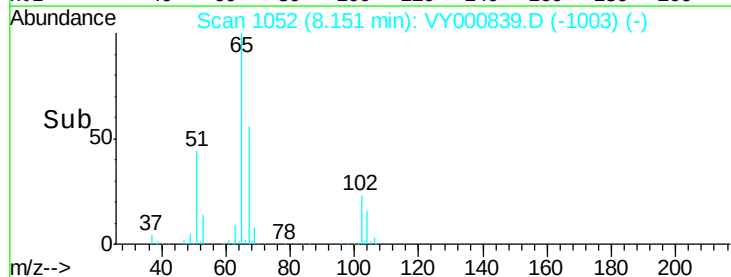
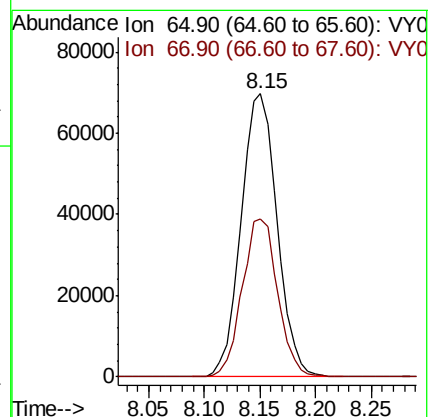
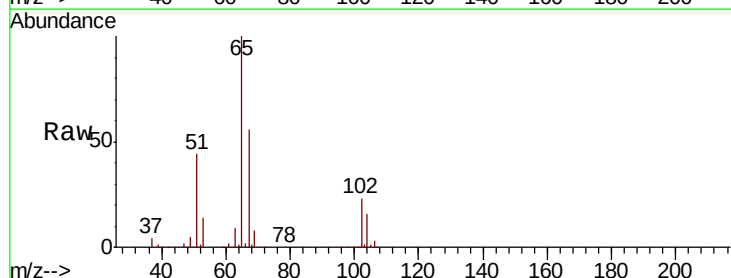
Acq: 03 Dec 2019 13:31

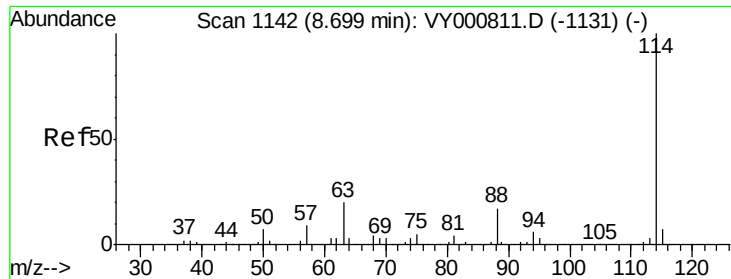
Tgt Ion: 65 Resp: 156140

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.0

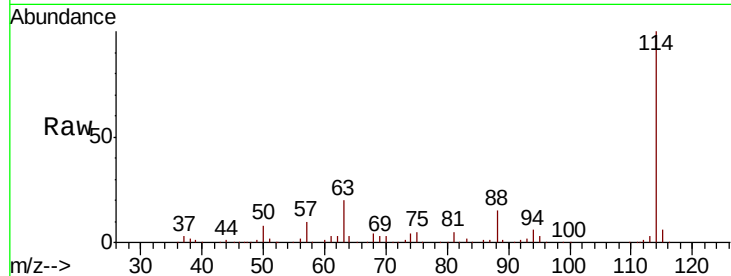




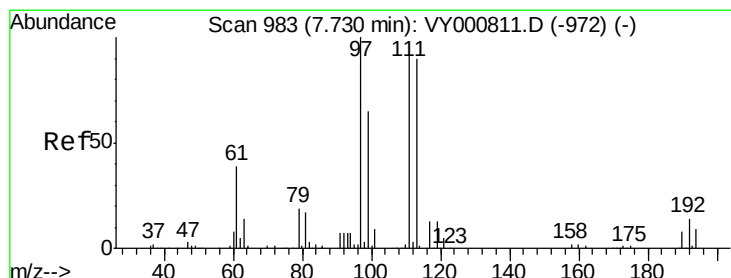
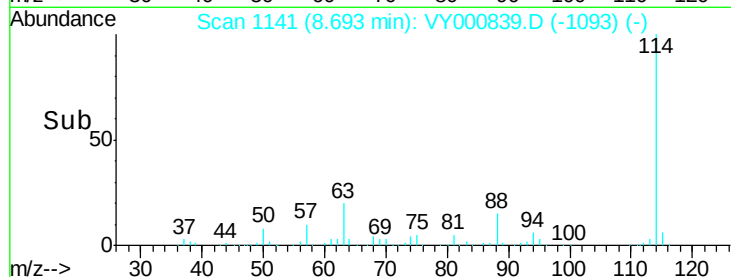
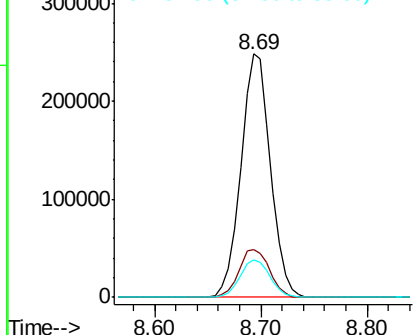
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
TH-1

Tot Ion:114 Resp: 481820
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.8
88 15.3 0.0 33.2

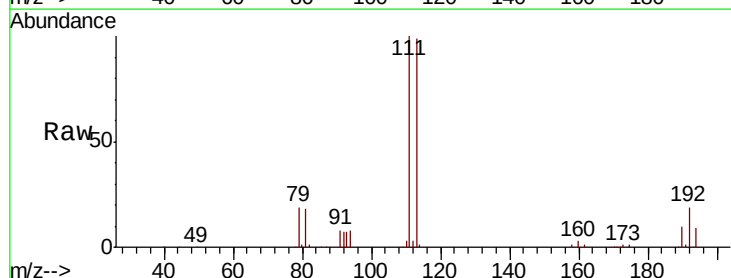


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

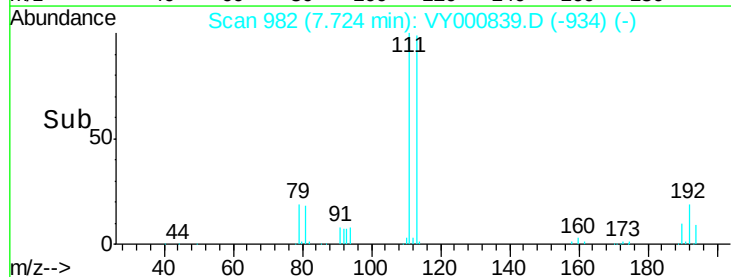
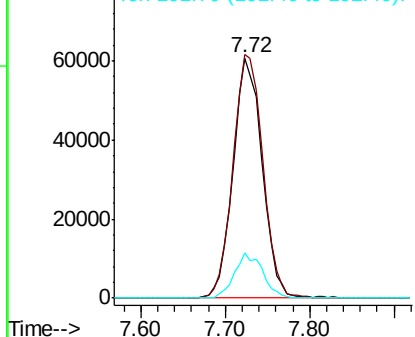


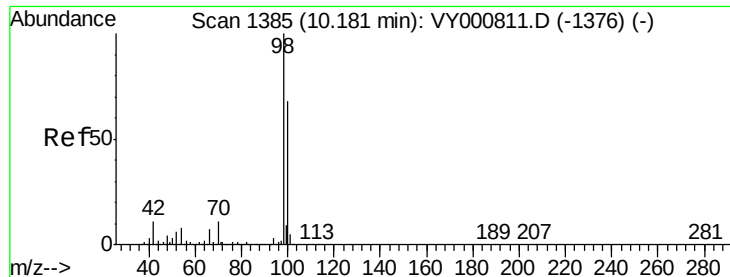
#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion:113 Resp: 141780
Ion Ratio Lower Upper
113 100
111 103.8 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

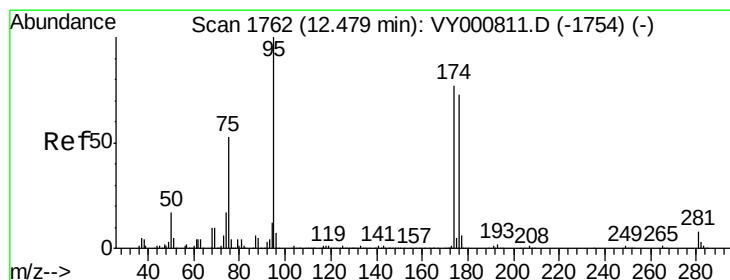
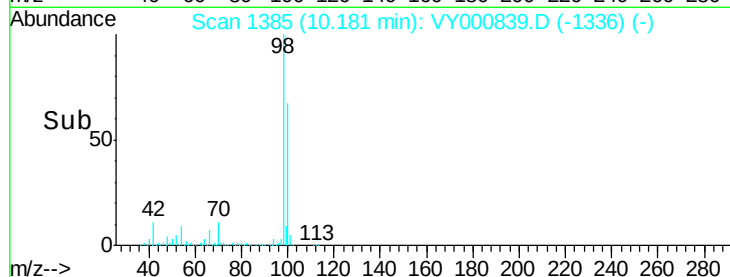
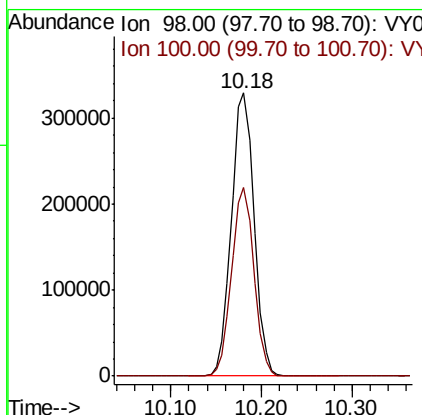
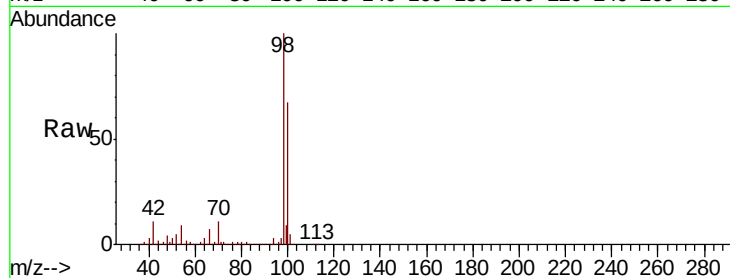




#50
Toluene-d8
Concen: 50.996 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

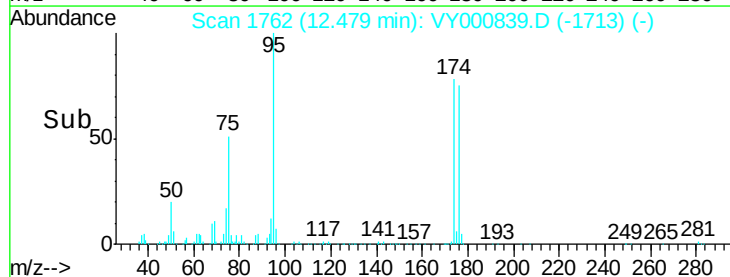
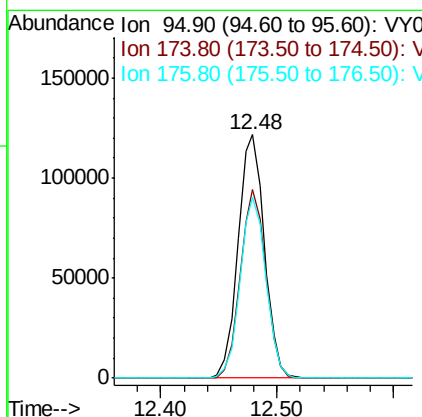
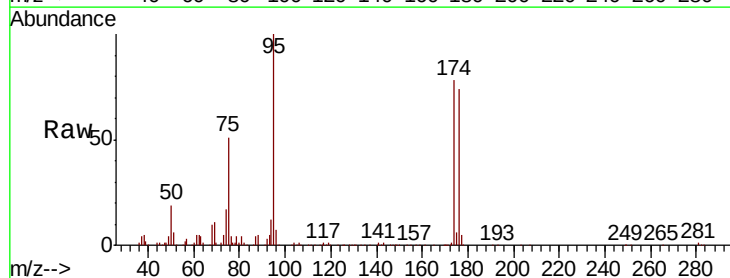
Instrument :
MSVOA_Y
ClientSampled :
TH-1

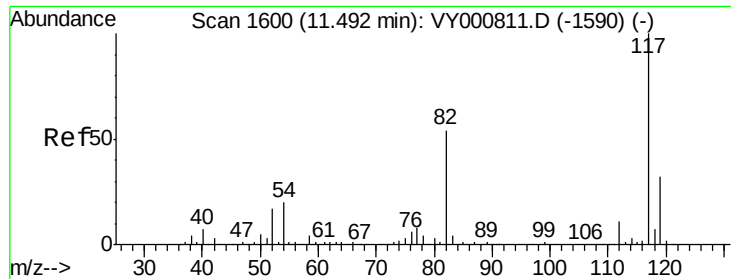
Tot Ion: 98 Resp: 572502
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.386 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion: 95 Resp: 191353
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 72.8 0.0 145.2

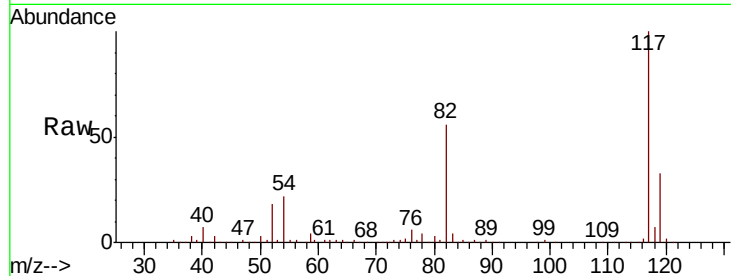




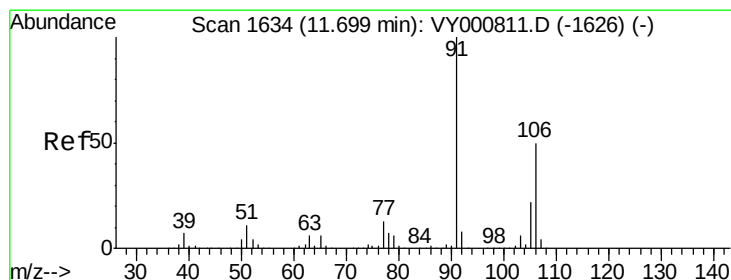
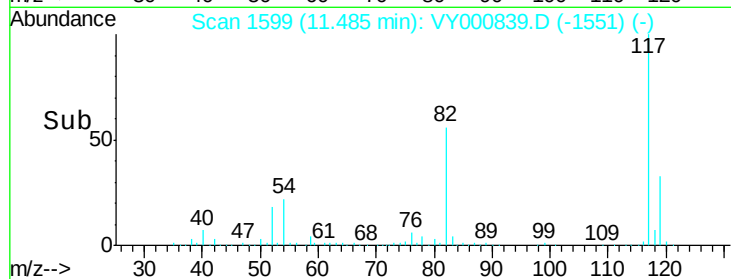
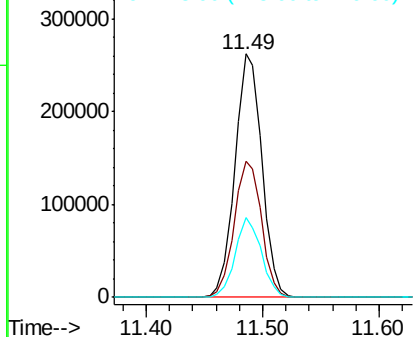
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
TH-1

Tot Ion:117 Resp: 421304
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 32.6 25.3 37.9

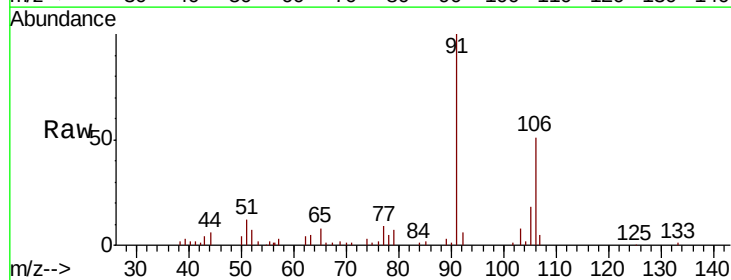


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

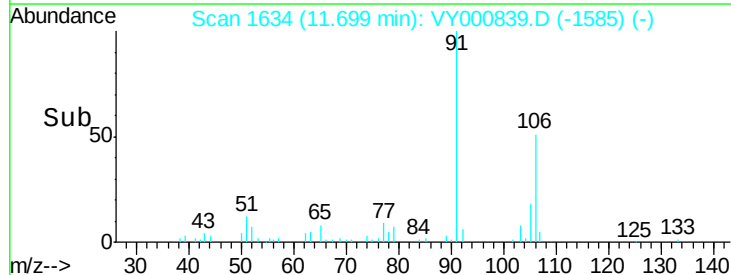
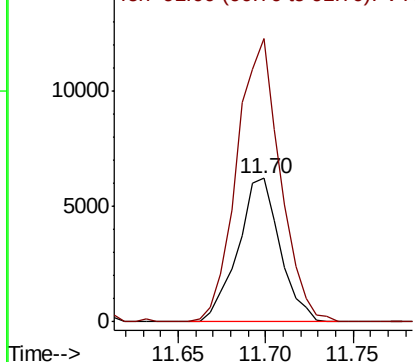


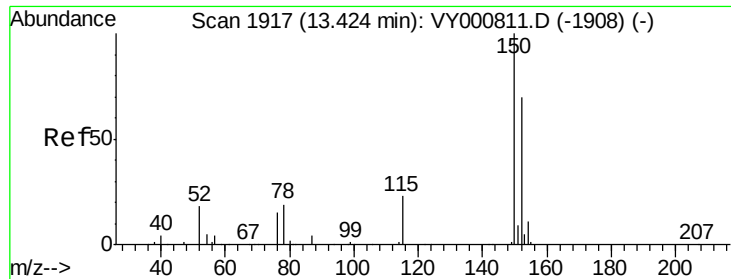
#68
m/p-Xylenes
Concen: 1.709 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion:106 Resp: 10460
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
TH-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	87.8
150	156.0	0.0	351.2

