

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000933.D
 Acq On : 12 Dec 2019 16:12
 Operator : SY/MD
 Sample : K6268-02
 Misc : 5.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 33-19-12-11-01W

Quant Time: Dec 13 07:21:59 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

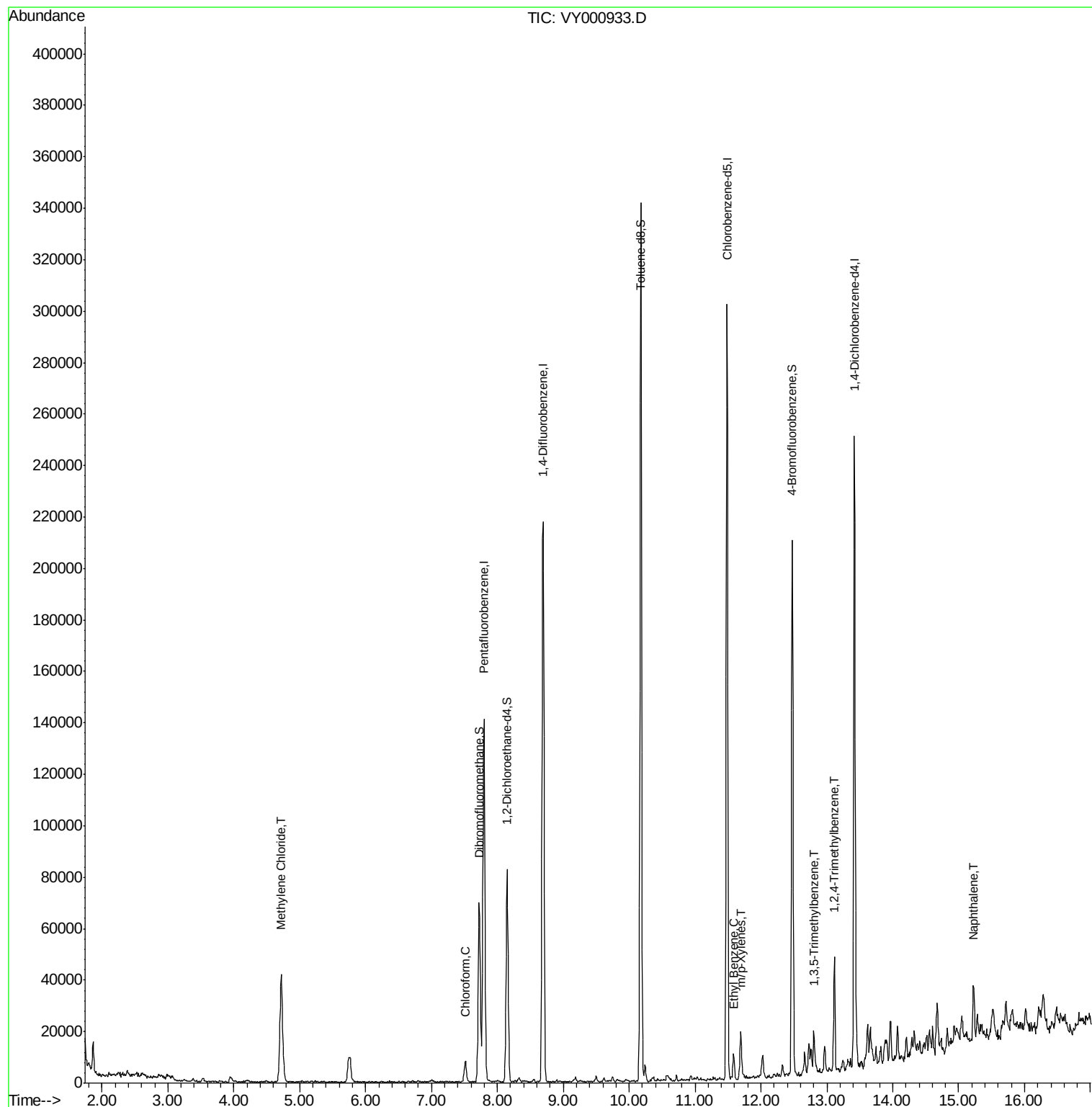
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	104518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	187694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	159056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	60376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60874	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	7.72	113	49304	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
50) Toluene-d8	10.17	98	219309	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.47	95	65794	40.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.12%	
Target Compounds						
20) Methylene Chloride	4.72	84	30358	22.606	ug/l	94
30) Chloroform	7.52	83	8152	3.651	ug/l #	71
67) Ethyl Benzene	11.58	91	6327	1.028	ug/l	95
68) m/p-Xylenes	11.70	106	5455	2.360	ug/l	95
80) 1,3,5-Trimethylbenzene	12.80	105	6666	1.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	22161	5.565	ug/l	94
95) Naphthalene	15.23	128	16820	5.822	ug/l	97

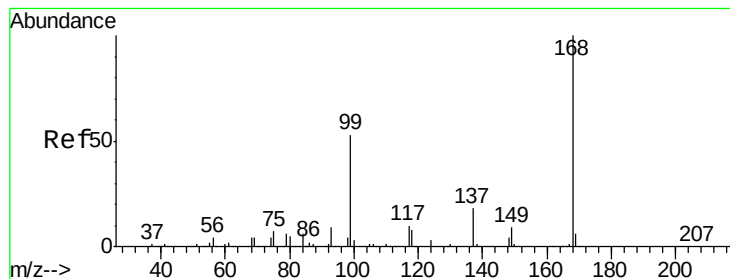
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000933.D

Acq: 12 Dec 2019 16:12

Instrument :

MSVOA_Y

ClientSampleId :

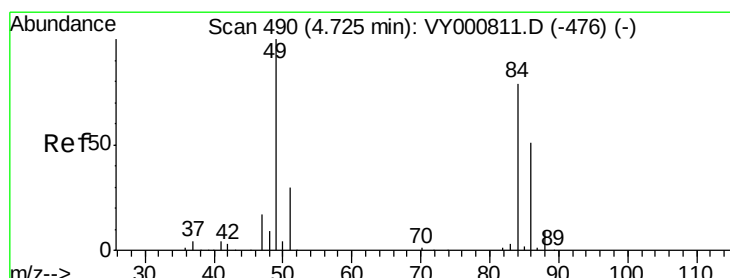
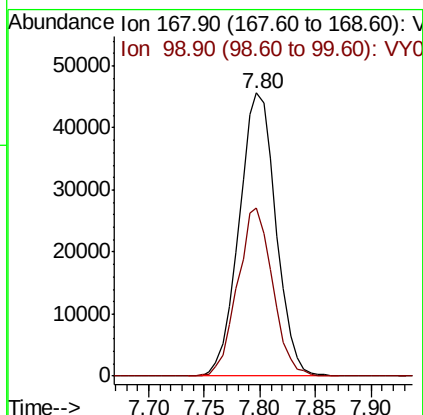
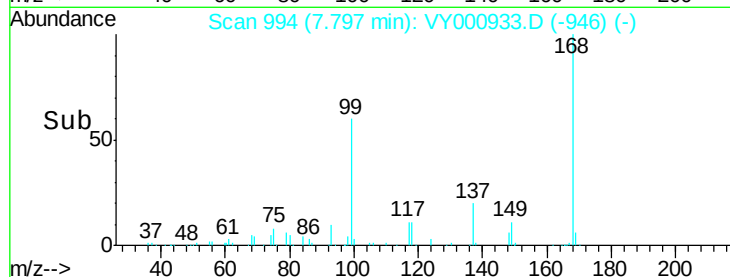
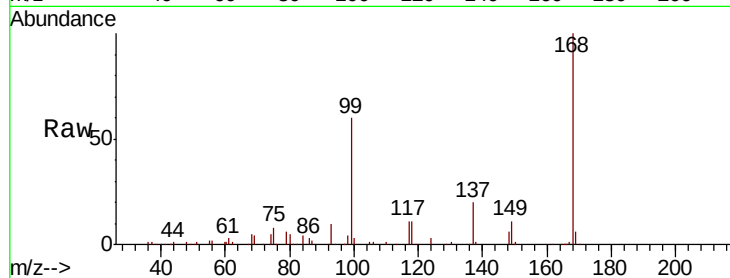
33-19-12-11-01W

Tot Ion:168 Resp: 104518

Ion Ratio Lower Upper

168 100

99 59.5 45.0 67.6



#20

Methylene Chloride

Concen: 22.606 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000933.D

Acq: 12 Dec 2019 16:12

Tgt Ion: 84 Resp: 30358

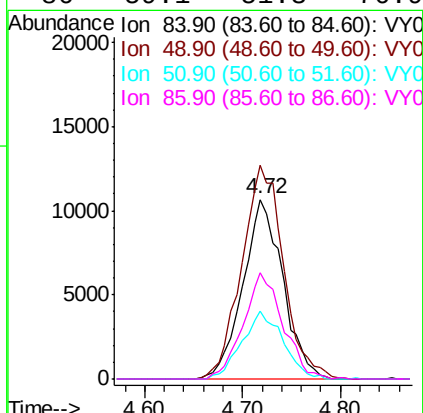
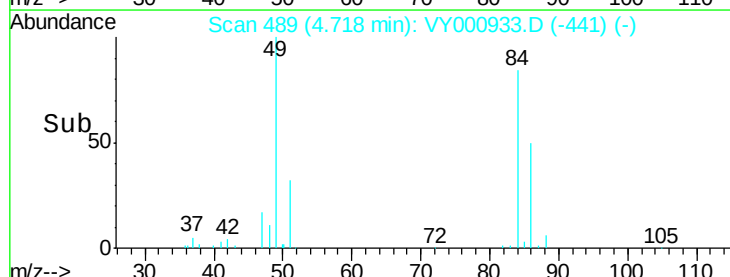
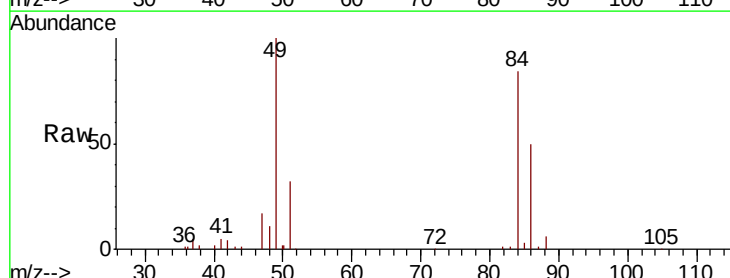
Ion Ratio Lower Upper

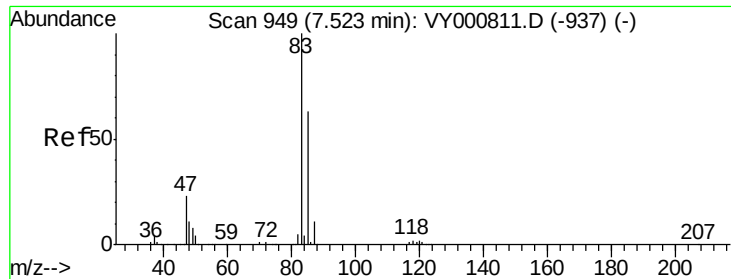
84 100

49 118.9 101.3 151.9

51 37.6 30.6 45.8

86 59.1 51.3 76.9

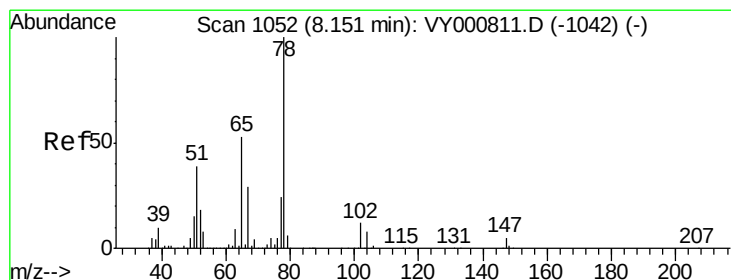
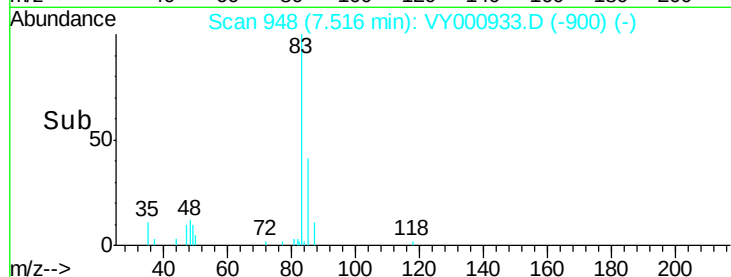
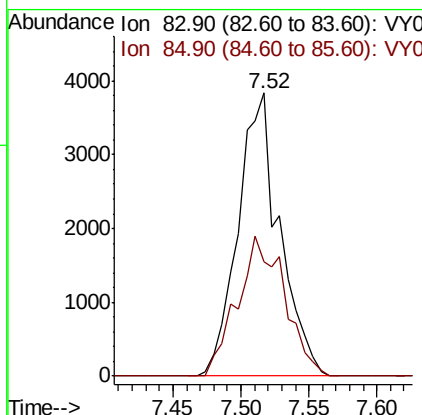
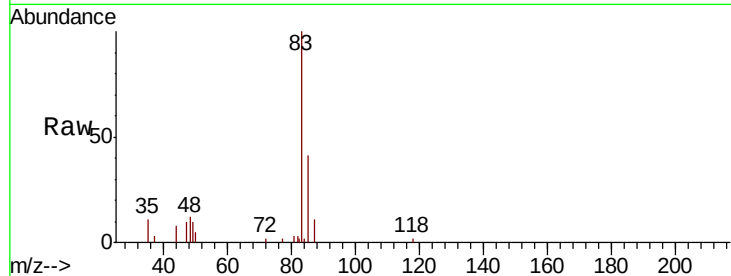




#30
Chloroform
Concen: 3.651 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000933.D
Acq: 12 Dec 2019 16:12

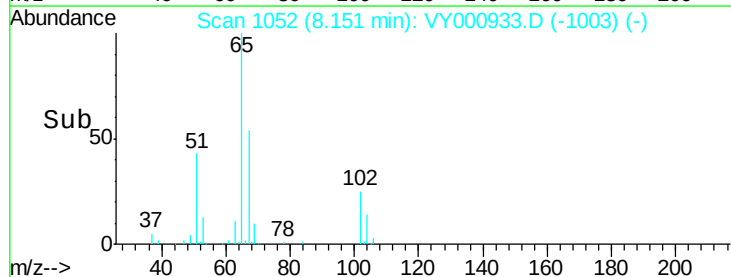
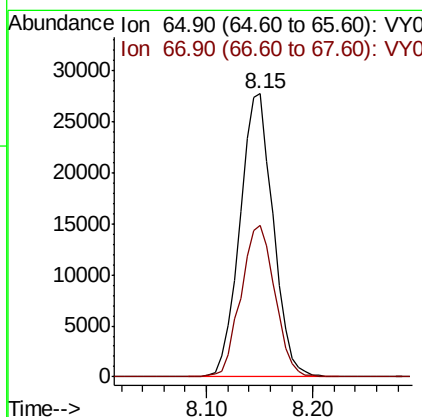
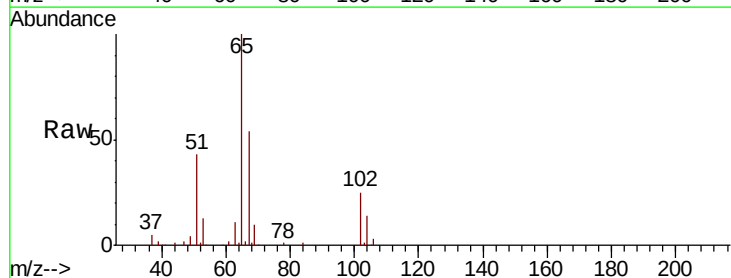
Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01W

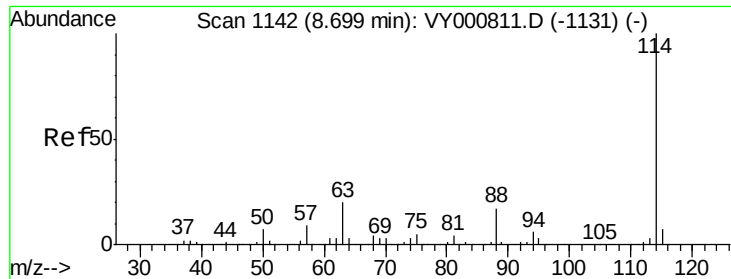
Tot Ion: 83 Resp: 8152
Ion Ratio Lower Upper
83 100
85 40.5 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 54.812 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000933.D
Acq: 12 Dec 2019 16:12

Tgt Ion: 65 Resp: 60874
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.0

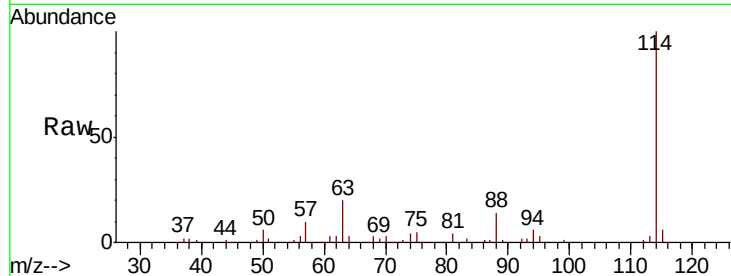




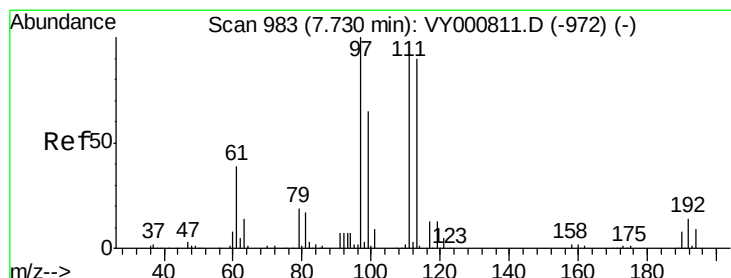
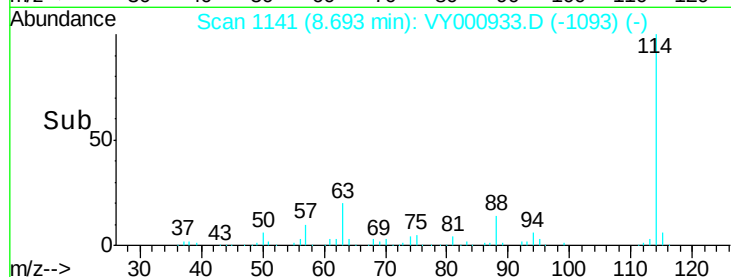
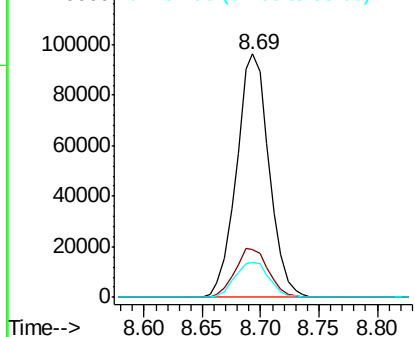
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000933.D
 Acq: 12 Dec 2019 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 33-19-12-11-01W

Tot Ion:114 Resp: 187694
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 14.2 0.0 33.2

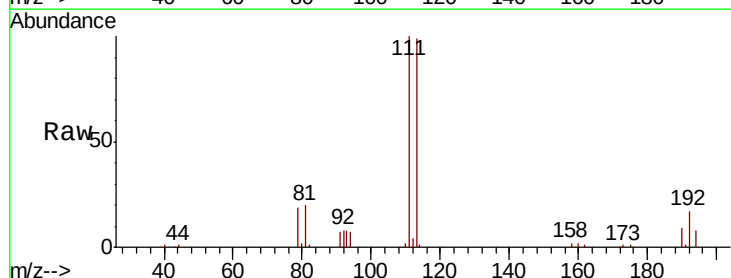


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

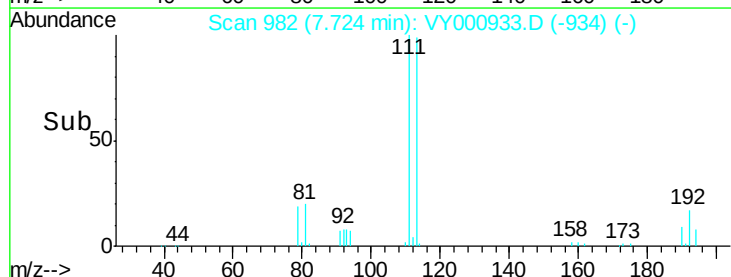
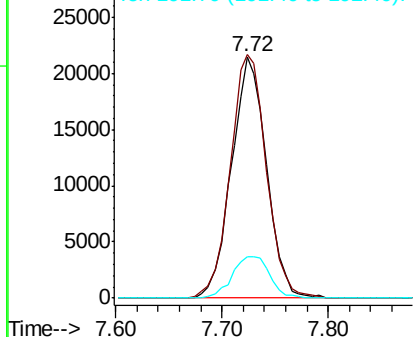


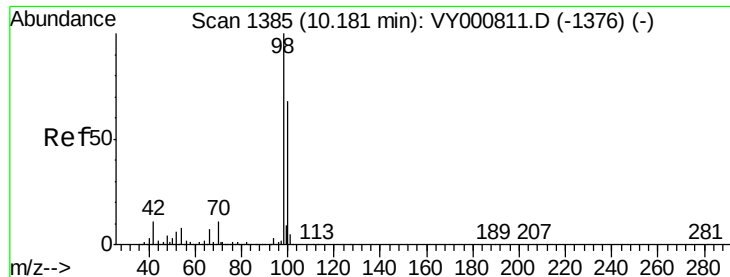
#35
 Dibromofluoromethane
 Concen: 45.073 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000933.D
 Acq: 12 Dec 2019 16:12

Tgt Ion:113 Resp: 49304
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 18.4 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: 50.148 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000933.D

Acq: 12 Dec 2019 16:12

Instrument :

MSVOA_Y

ClientSampleId :

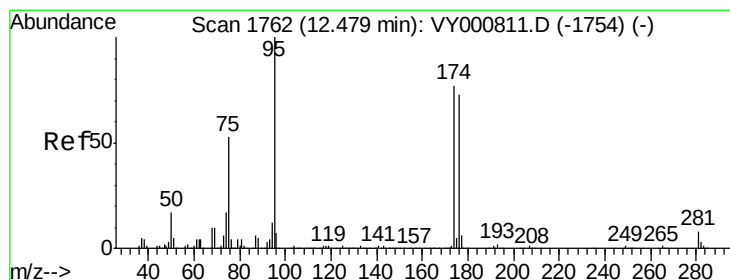
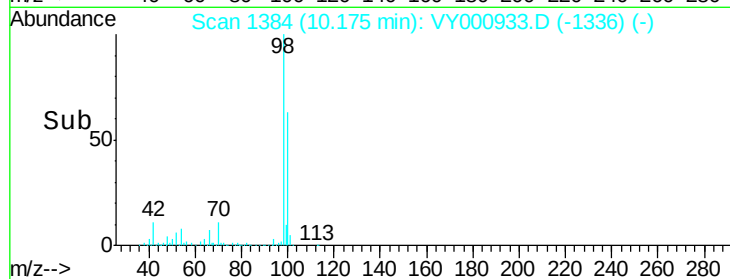
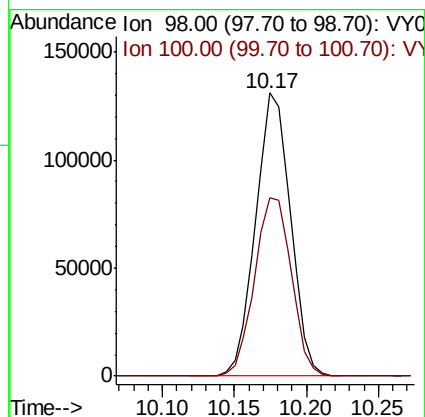
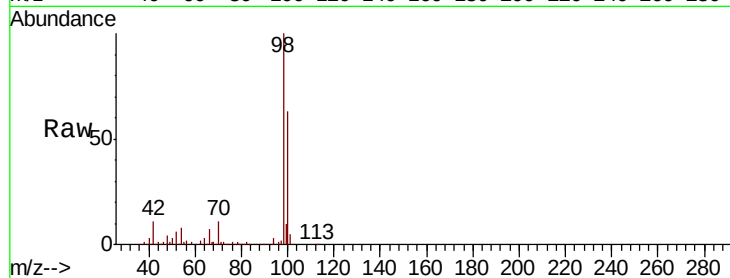
33-19-12-11-01W

Tot Ion: 98 Resp: 219309

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.060 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000933.D

Acq: 12 Dec 2019 16:12

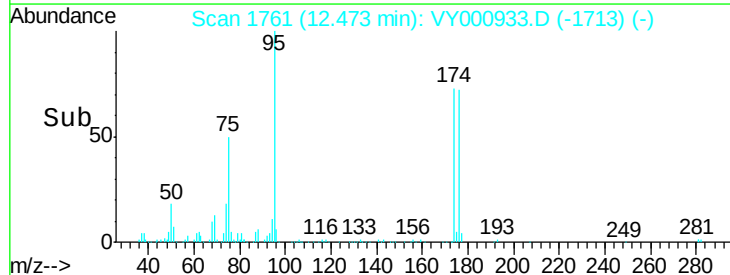
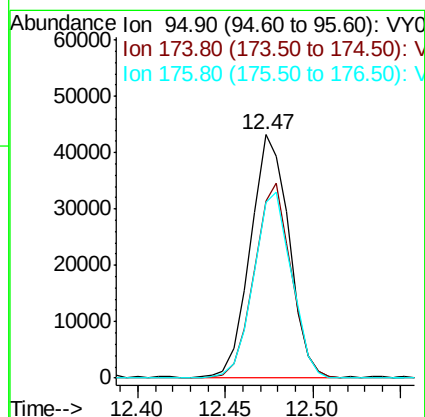
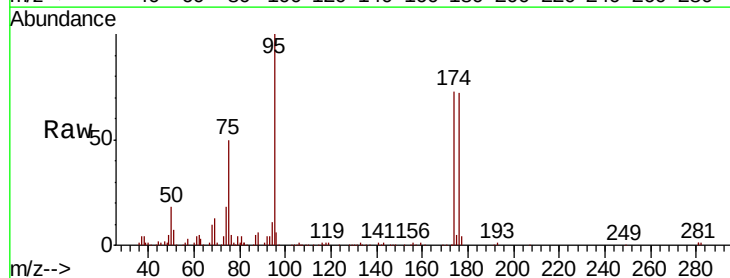
Tgt Ion: 95 Resp: 65794

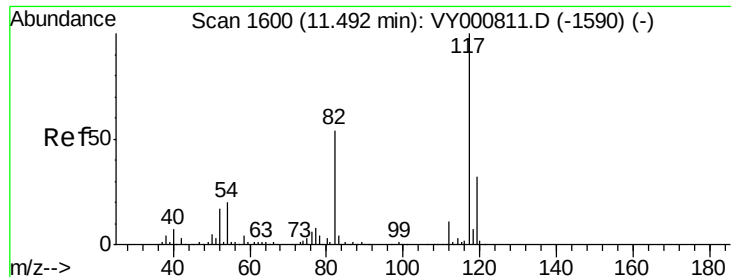
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.6

176 75.6 0.0 145.2

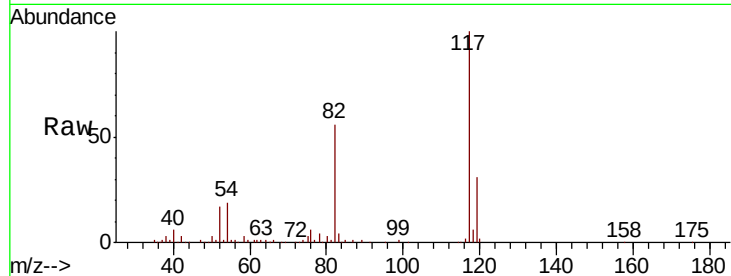




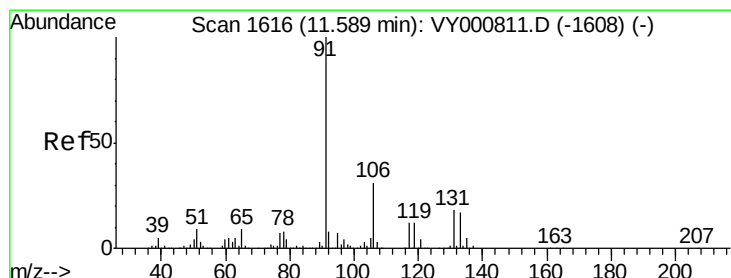
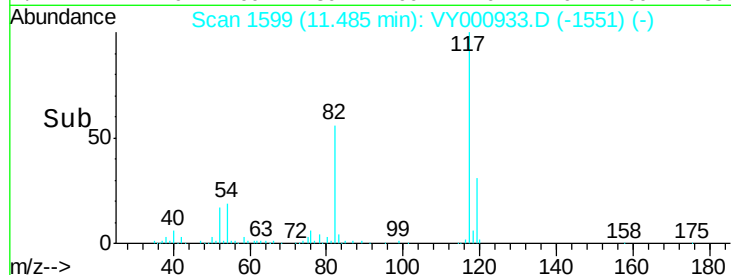
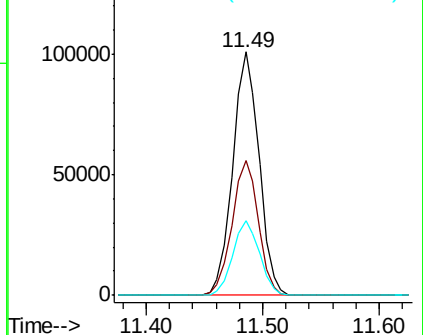
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000933.D
Acq: 12 Dec 2019 16:12

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01W

Tot Ion:117 Resp: 159056
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 30.9 25.3 37.9

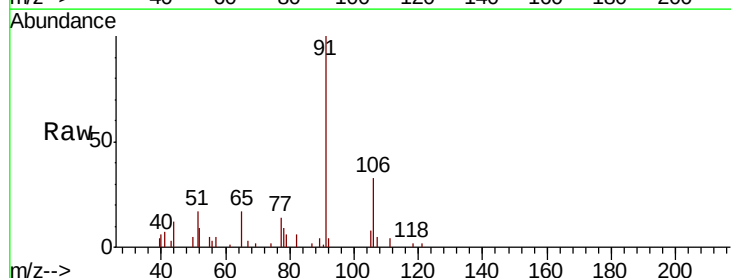


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

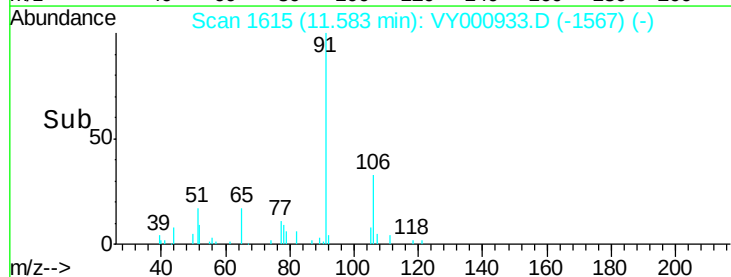
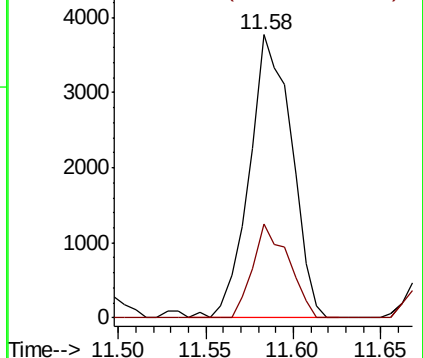


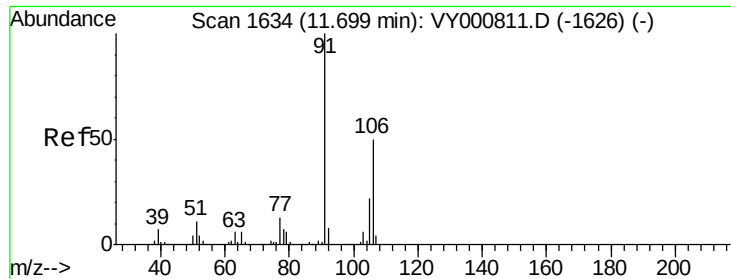
#67
Ethyl Benzene
Concen: 1.028 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000933.D
Acq: 12 Dec 2019 16:12

Tgt Ion: 91 Resp: 6327
Ion Ratio Lower Upper
91 100
106 33.3 24.4 36.6



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





#68

m/p-Xvlenes

Concen: 2.360 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000933.D

Acq: 12 Dec 2019 16:12

Instrument :

MSVOA_Y

ClientSampleId :

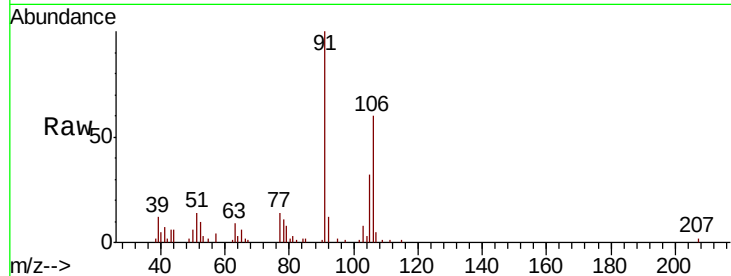
33-19-12-11-01W

Tot Ion:106 Resp: 5455

Ion Ratio Lower Upper

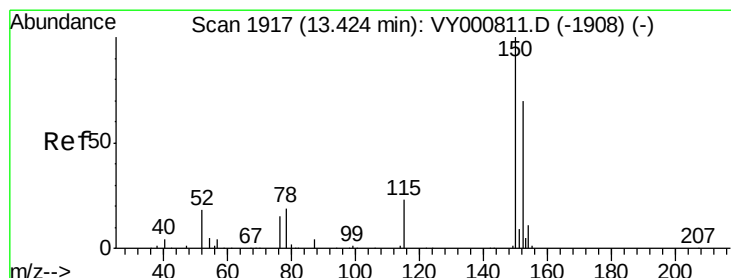
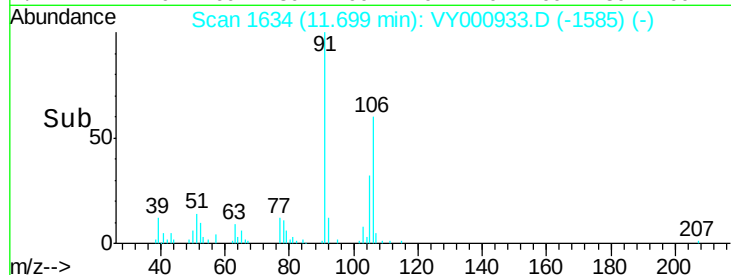
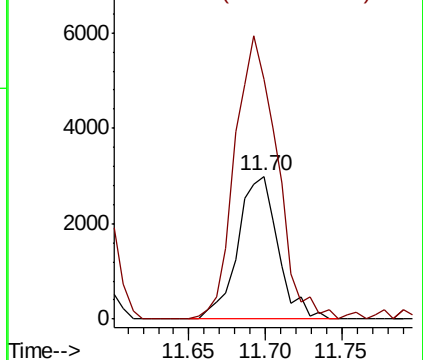
106 100

91 207.6 159.6 239.4



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# 1916

Delta R.T. -0.01 min

Lab File: VY000933.D

Acq: 12 Dec 2019 16:12

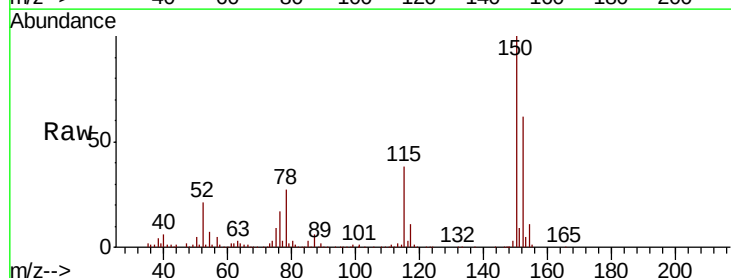
Tgt Ion:152 Resp: 60376

Ion Ratio Lower Upper

152 100

115 59.6 29.3 87.8

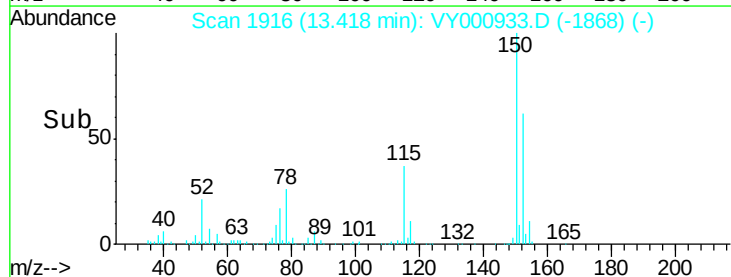
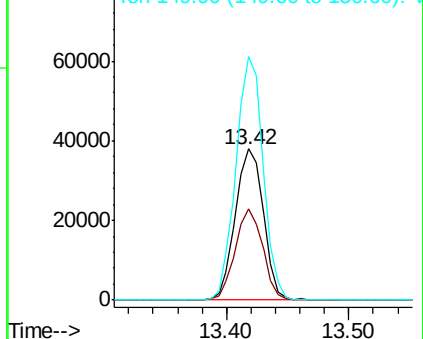
150 155.6 0.0 351.2

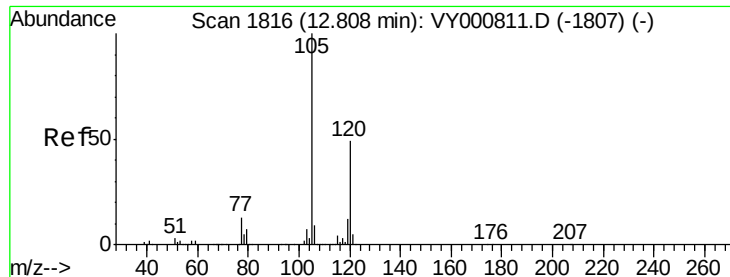


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

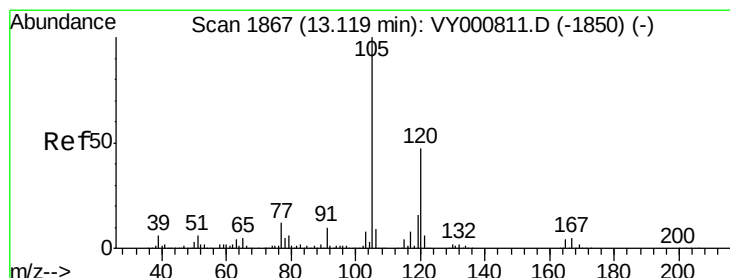
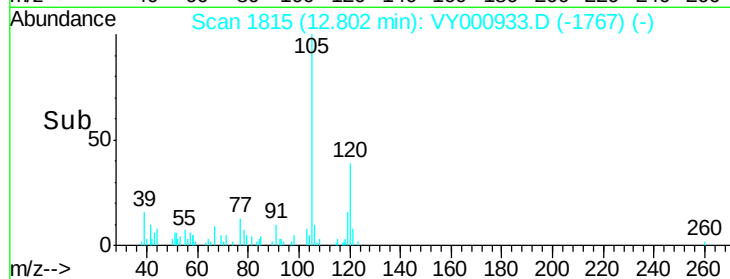
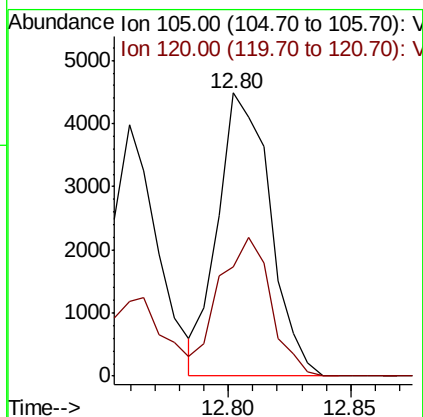
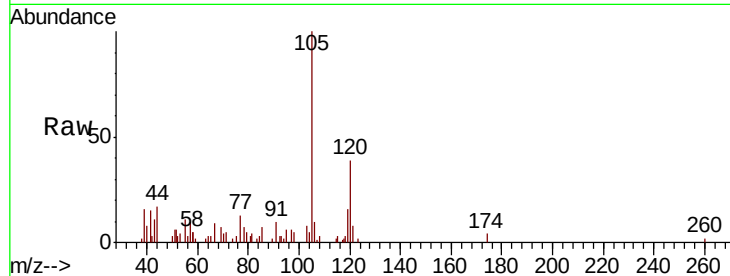




#80
 1,3,5-Trimethylbenzene
 Concen: 1.675 ug/l
 RT: 12.80 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: VY000933.D
 Acq: 12 Dec 2019 16:12

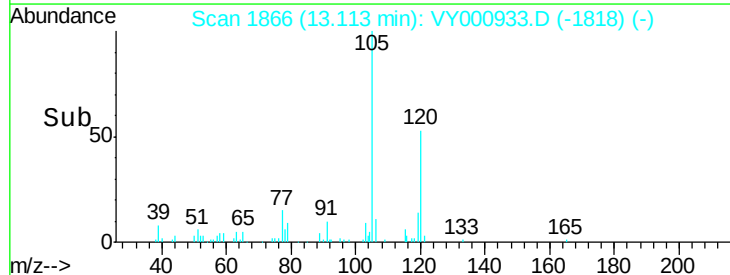
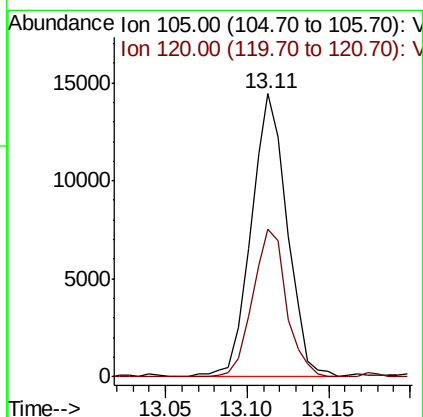
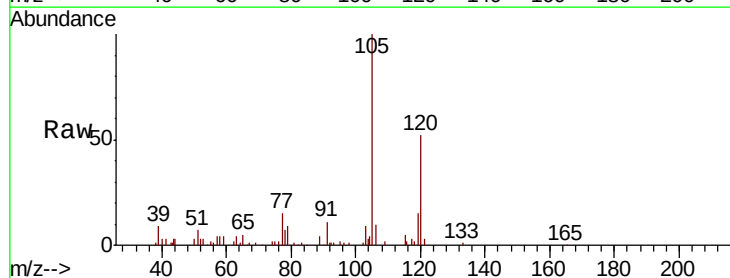
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 33-19-12-11-01W

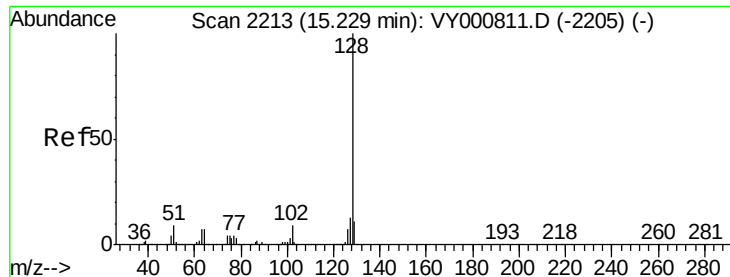
Tot Ion:105 Resp: 6666
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.565 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000933.D
 Acq: 12 Dec 2019 16:12

Tgt Ion:105 Resp: 22161
 Ion Ratio Lower Upper
 105 100
 120 48.8 22.6 67.8





#95
Naphthalene
Concen: 5.822 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000933.D
Acq: 12 Dec 2019 16:12

Instrument :
MSVOA_Y
ClientSampleId :
33-19-12-11-01W

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	13.2	8.8	13.2

