

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000818.D
 Acq On : 27 Nov 2019 14:55
 Operator : SY/MD
 Sample : K6076-01
 Misc : 6.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMPOSITE-BIN-5-SOIL-PILE

Quant Time: Nov 29 05:36:38 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

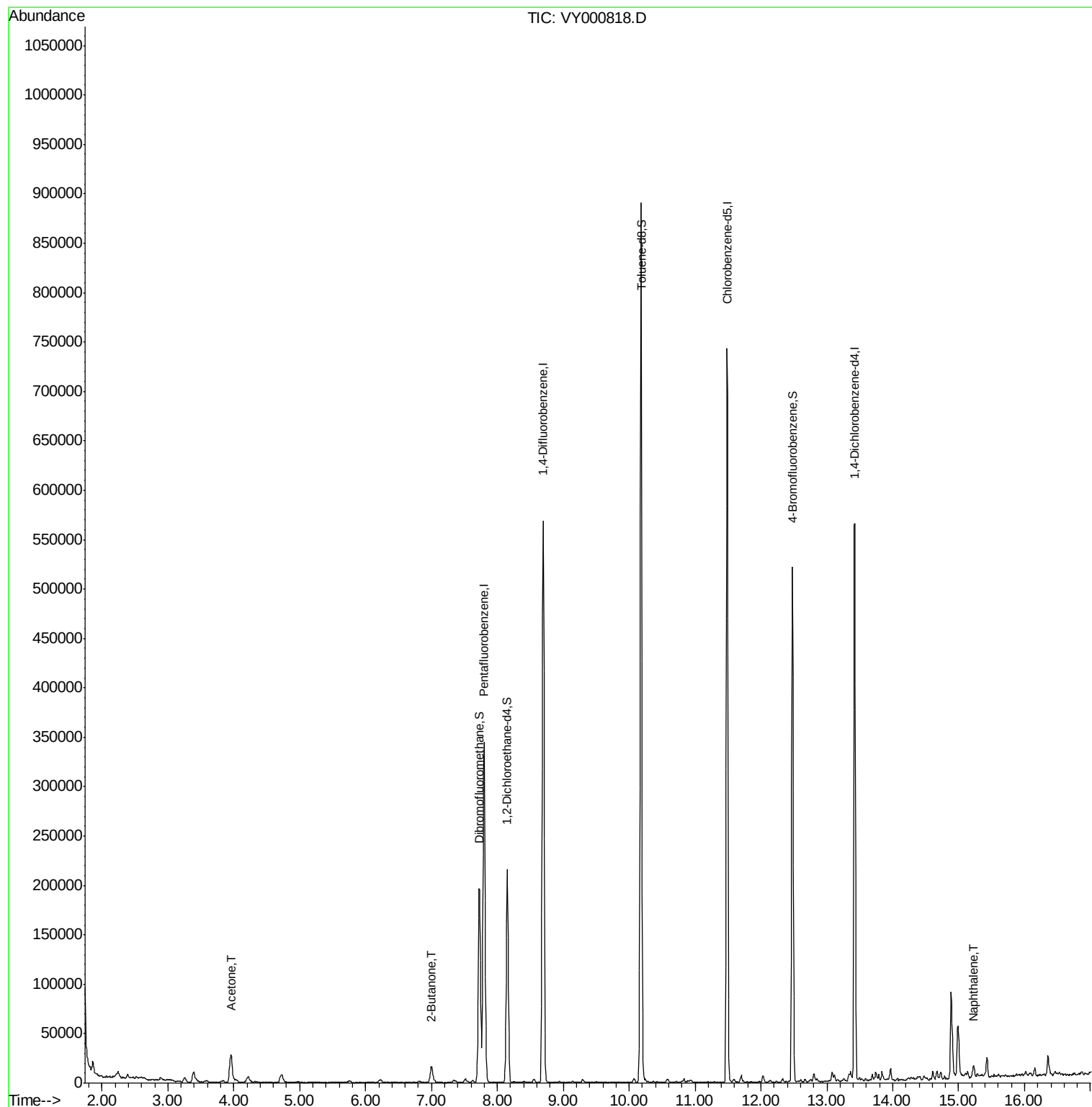
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	263600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	484831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	402109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	160900	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	7.72	113	143277	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	10.18	98	568482	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.48	95	163523	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
16) Acetone	3.96	43	50058	77.906	ug/l	99
25) 2-Butanone	6.99	43	23287	19.619	ug/l	98
95) Naphthalene	15.23	128	7387	1.113	ug/l #	94

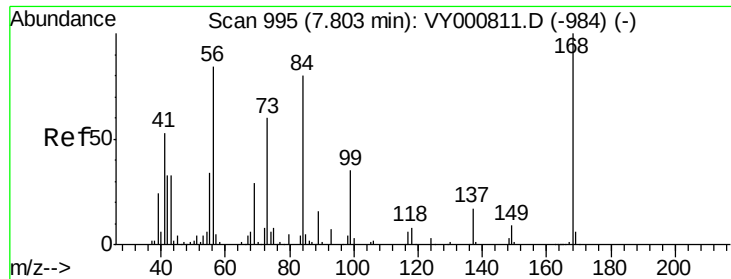
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000818.D

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ClientSampleId :

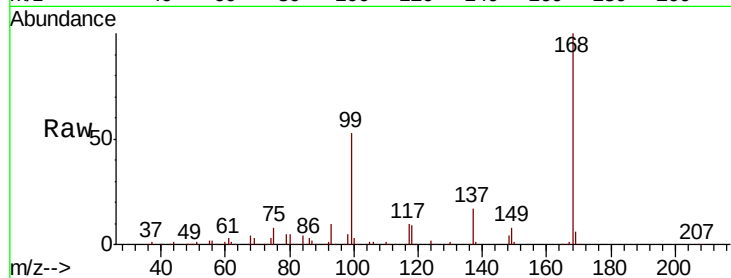
COMPOSITE-BIN-5-SOIL-PILE

Tot Ion:168 Resp: 263600

Ion Ratio Lower Upper

168 100

99 53.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000818.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000818.D (-946) (-)

7.80

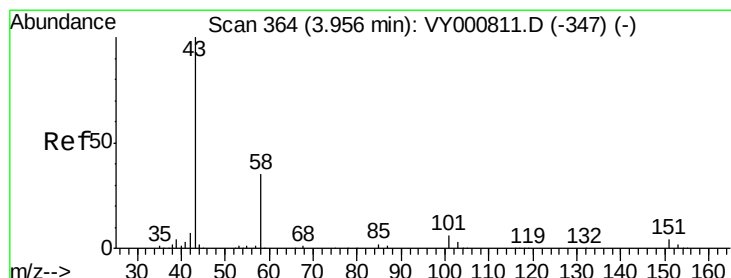
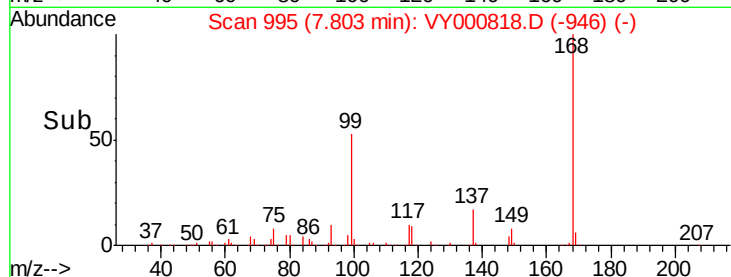
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 77.906 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000818.D

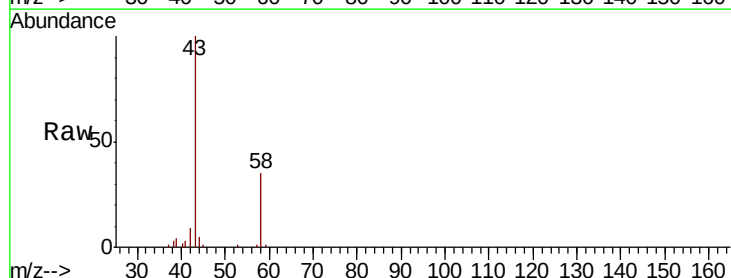
Acq: 27 Nov 2019 14:55

Tgt Ion: 43 Resp: 50058

Ion Ratio Lower Upper

43 100

58 35.4 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000818.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000818.D (-315) (-)

3.96

20000

15000

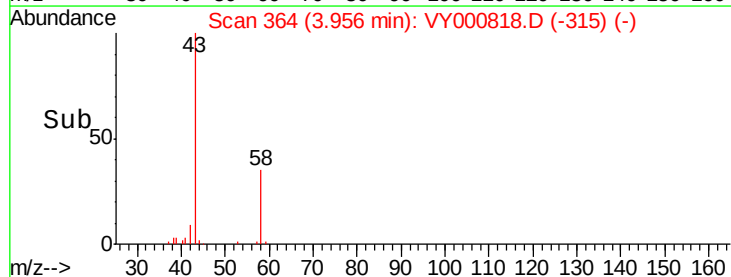
10000

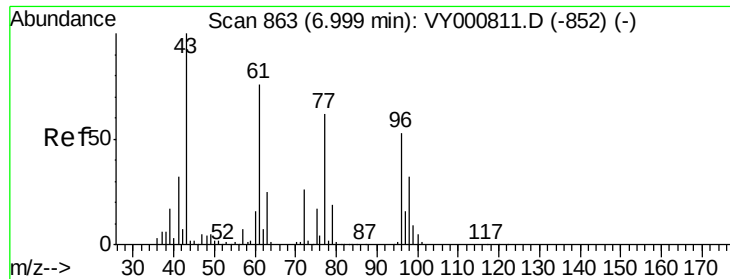
5000

0

3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 19.619 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000818.D

Acq: 27 Nov 2019 14:55

Instrument :

MSVOA_Y

ClientSampleId :

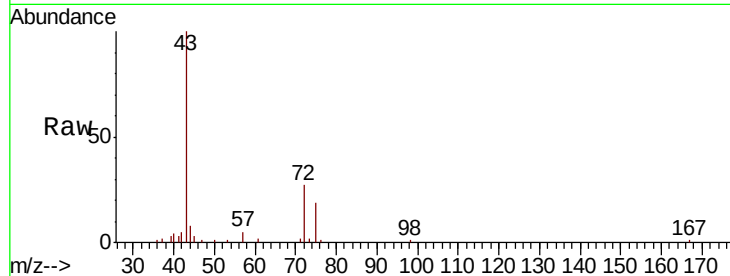
COMPOSITE-BIN-5-SOIL-PILE

Tot Ion: 43 Resp: 23287

Ion Ratio Lower Upper

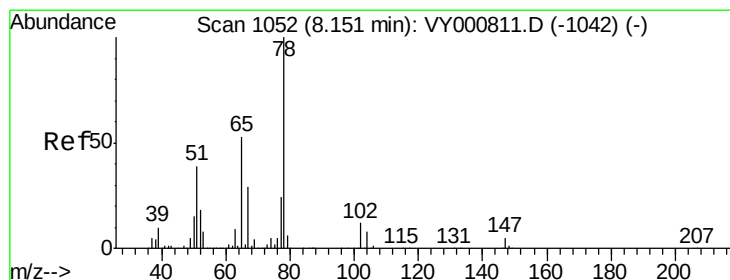
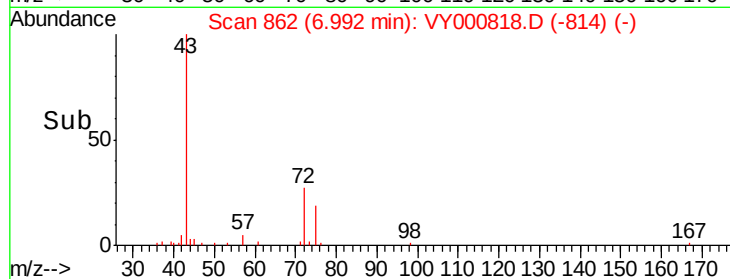
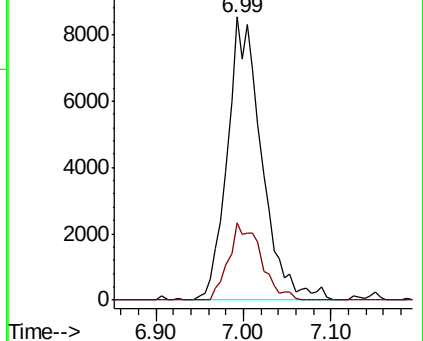
43 100

72 27.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.444 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000818.D

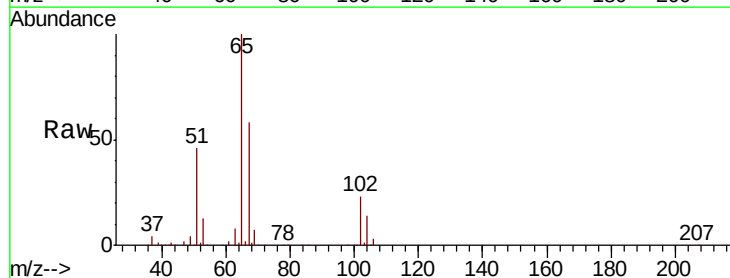
Acq: 27 Nov 2019 14:55

Tgt Ion: 65 Resp: 160900

Ion Ratio Lower Upper

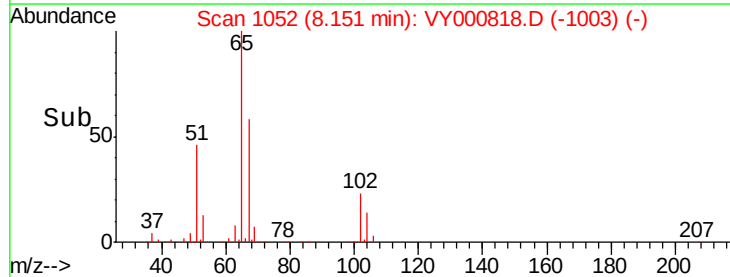
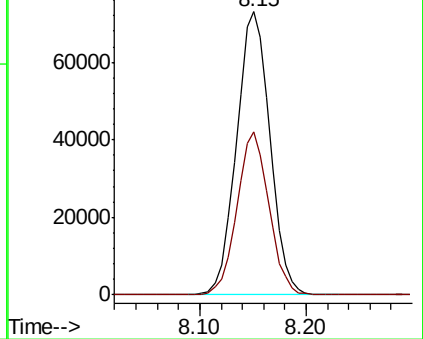
65 100

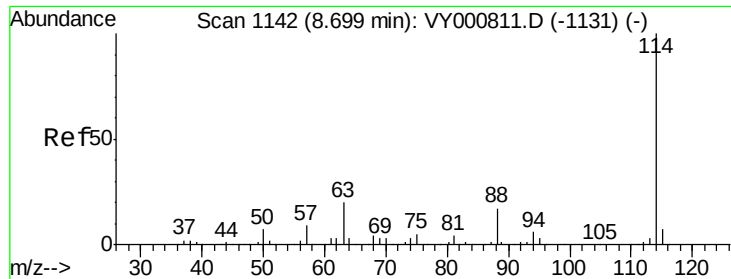
67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

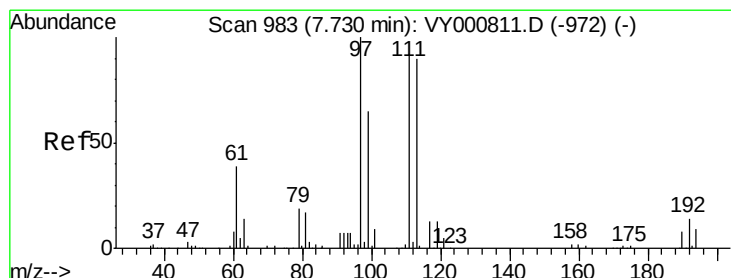
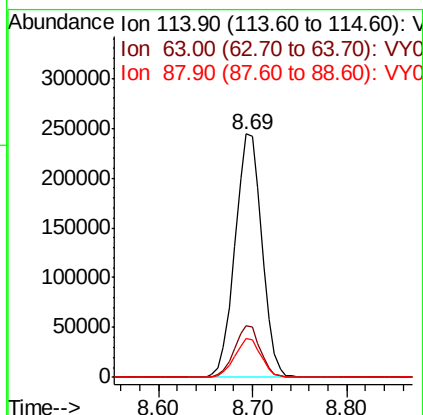
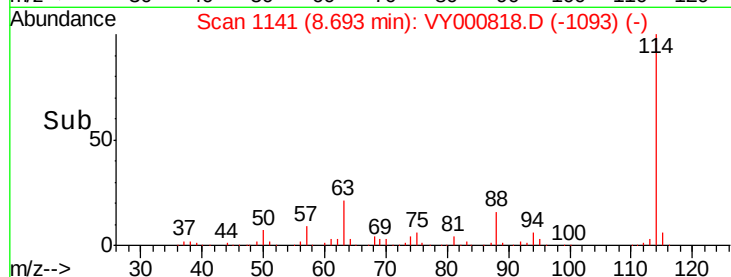
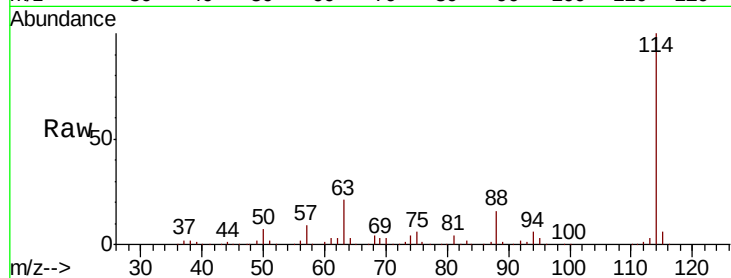




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000818.D
Acq: 27 Nov 2019 14:55

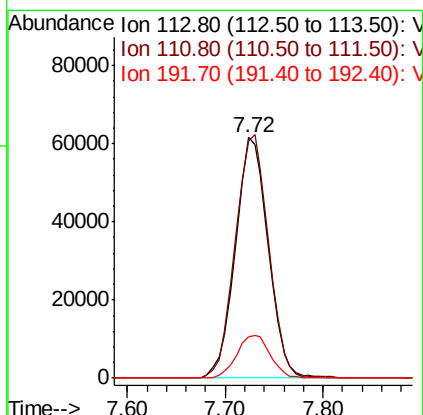
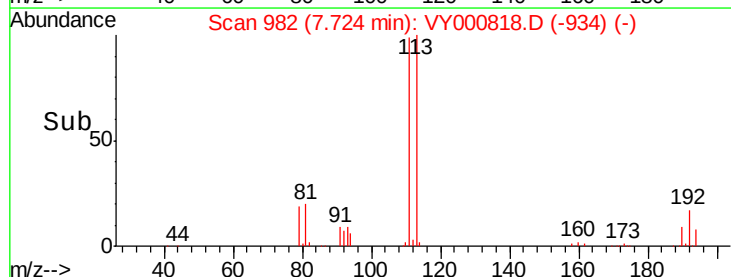
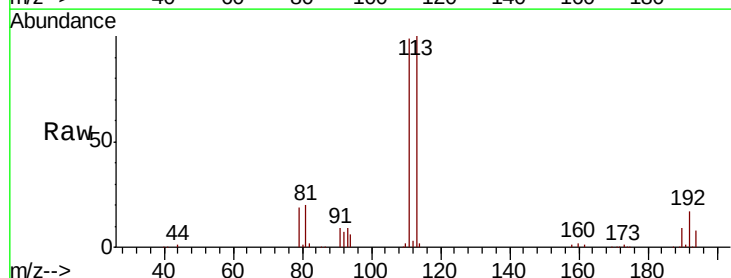
Instrument :
MSVOA_Y
ClientSampleId :
COMPOSITE-BIN-5-SOIL-PILE

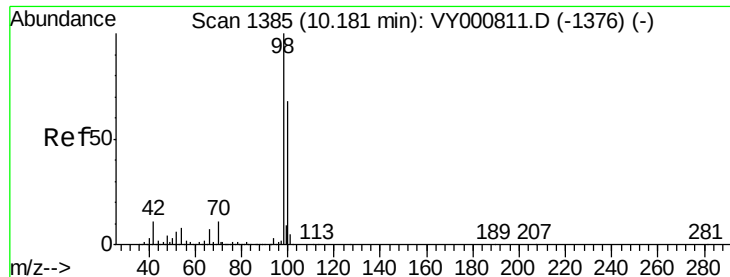
Tot Ion:114 Resp: 484831
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.8
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.707 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000818.D
Acq: 27 Nov 2019 14:55

Tgt Ion:113 Resp: 143277
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.2 14.2 21.2





#50

Toluene-d8

Concen: 50.323 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000818.D

Acq: 27 Nov 2019 14:55

Instrument :

MSVOA_Y

ClientSampleId :

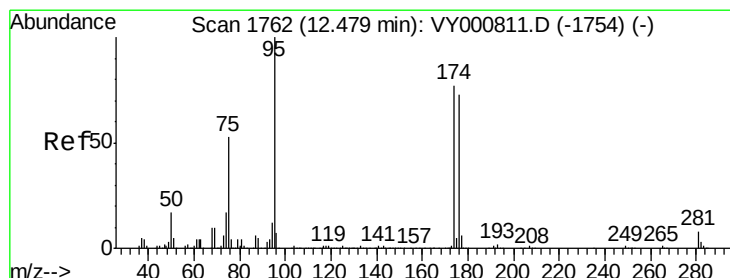
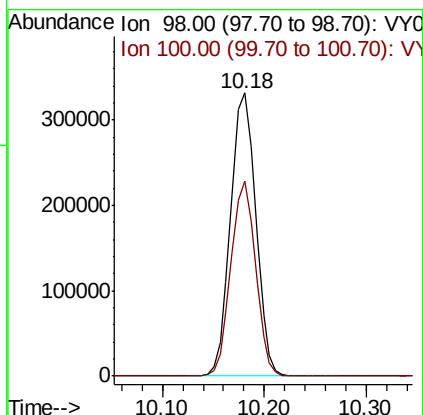
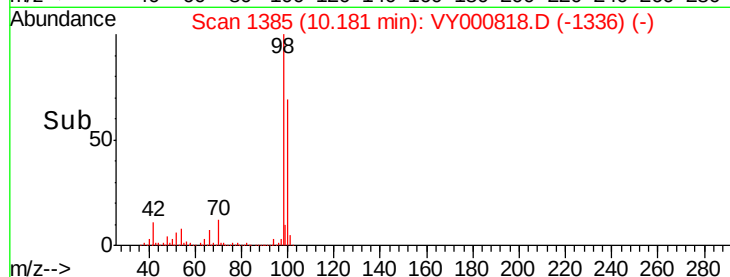
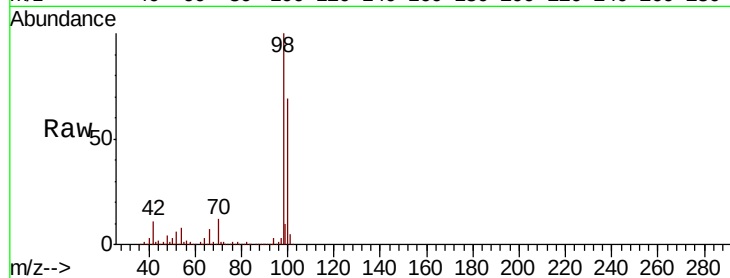
COMPOSITE-BIN-5-SOIL-PILE

Tot Ion: 98 Resp: 568482

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 38.544 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000818.D

Acq: 27 Nov 2019 14:55

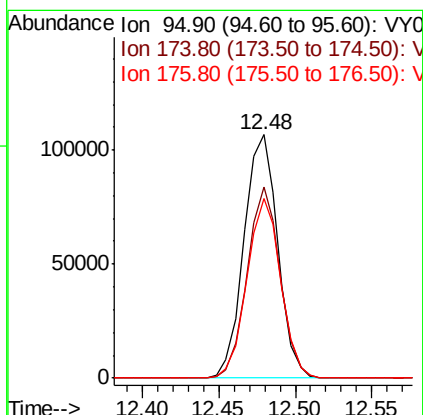
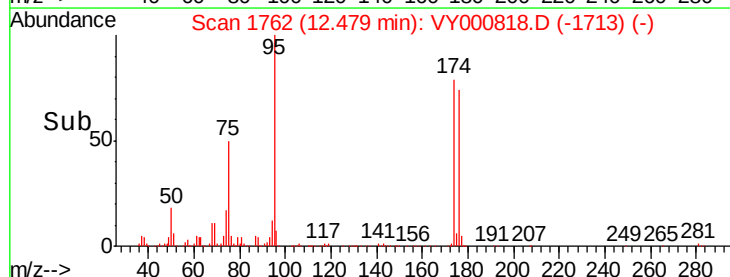
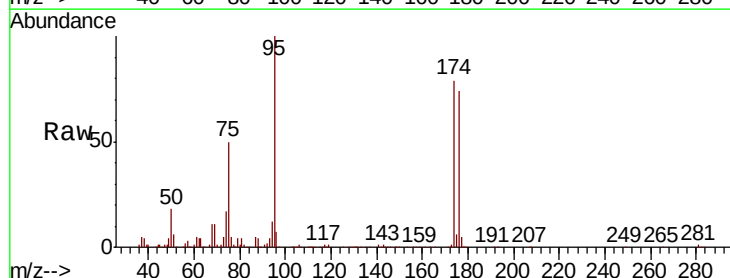
Tgt Ion: 95 Resp: 163523

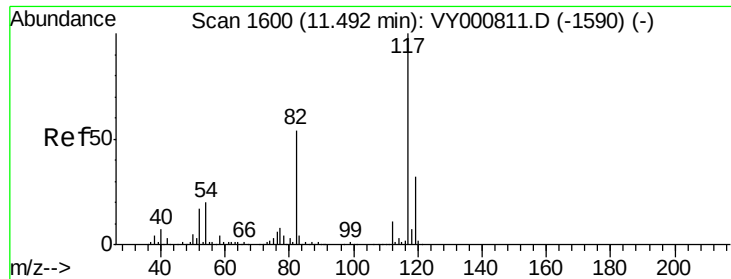
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.6

176 73.5 0.0 145.2

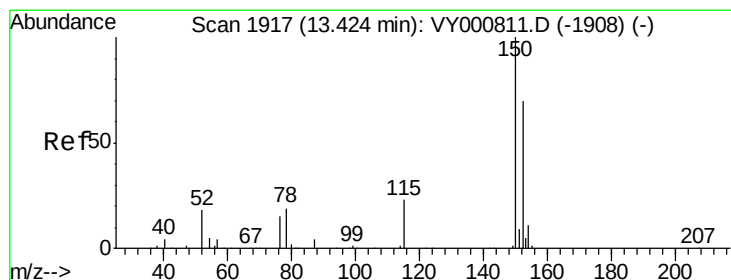
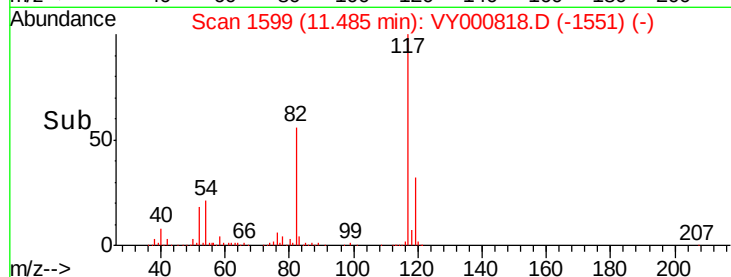
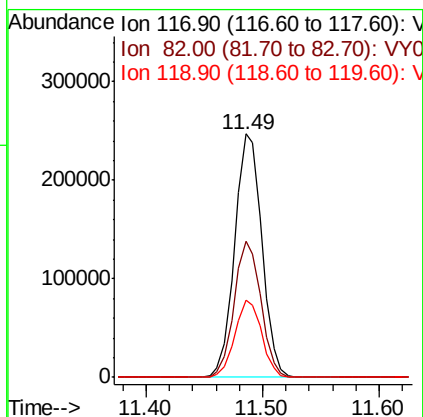
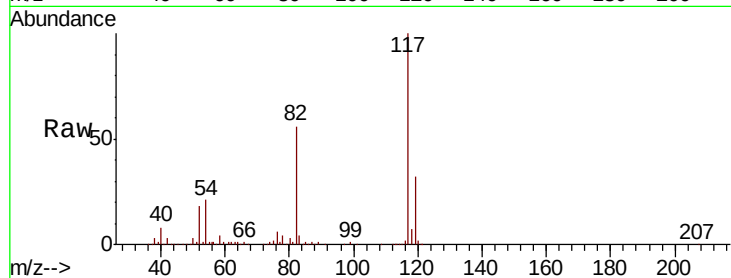




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000818.D
Acq: 27 Nov 2019 14:55

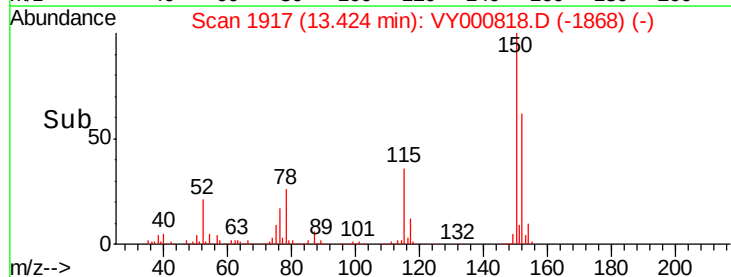
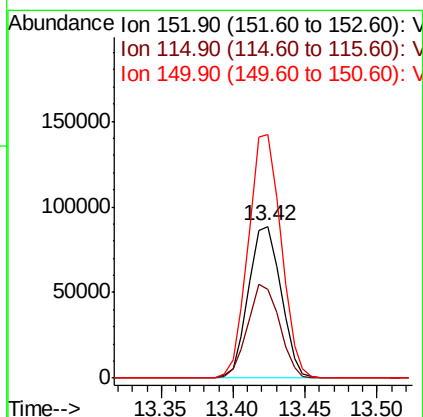
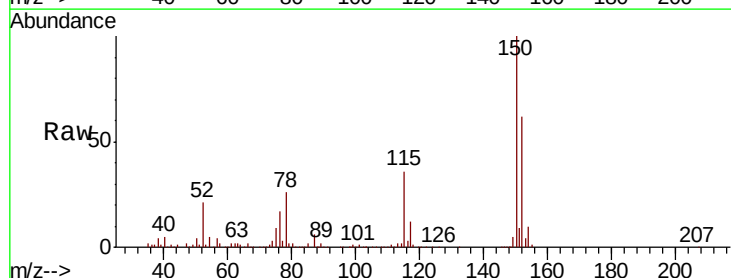
Instrument :
MSVOA_Y
ClientSampleId :
COMPOSITE-BIN-5-SOIL-PILE

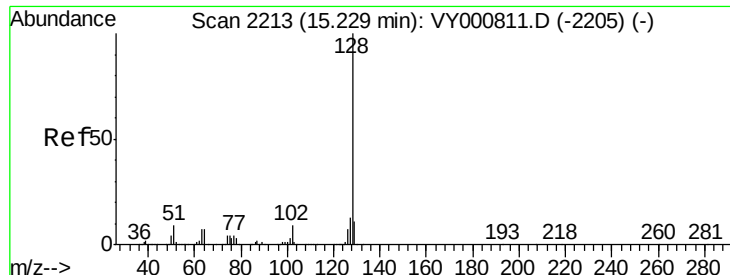
Tot Ion:117 Resp: 402109
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000818.D
Acq: 27 Nov 2019 14:55

Tgt Ion:152 Resp: 138648
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.8
150 161.4 0.0 351.2

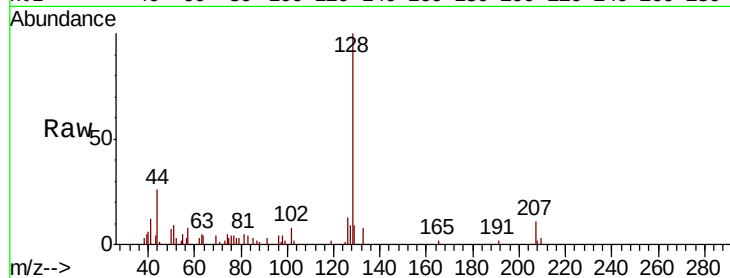




#95
Naphthalene
Concen: 1.113 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000818.D
Acq: 27 Nov 2019 14:55

Instrument :
MSVOA_Y
ClientSampleId :
COMPOSITE-BIN-5-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.1	15.1
129	14.1	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

