

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000122.D
 Acq On : 20 Sep 2019 20:44
 Operator : SY/MD
 Sample : K4938-07
 Misc : 5.07g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-TRENCH-1-SOIL

Quant Time: Sep 21 01:08:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

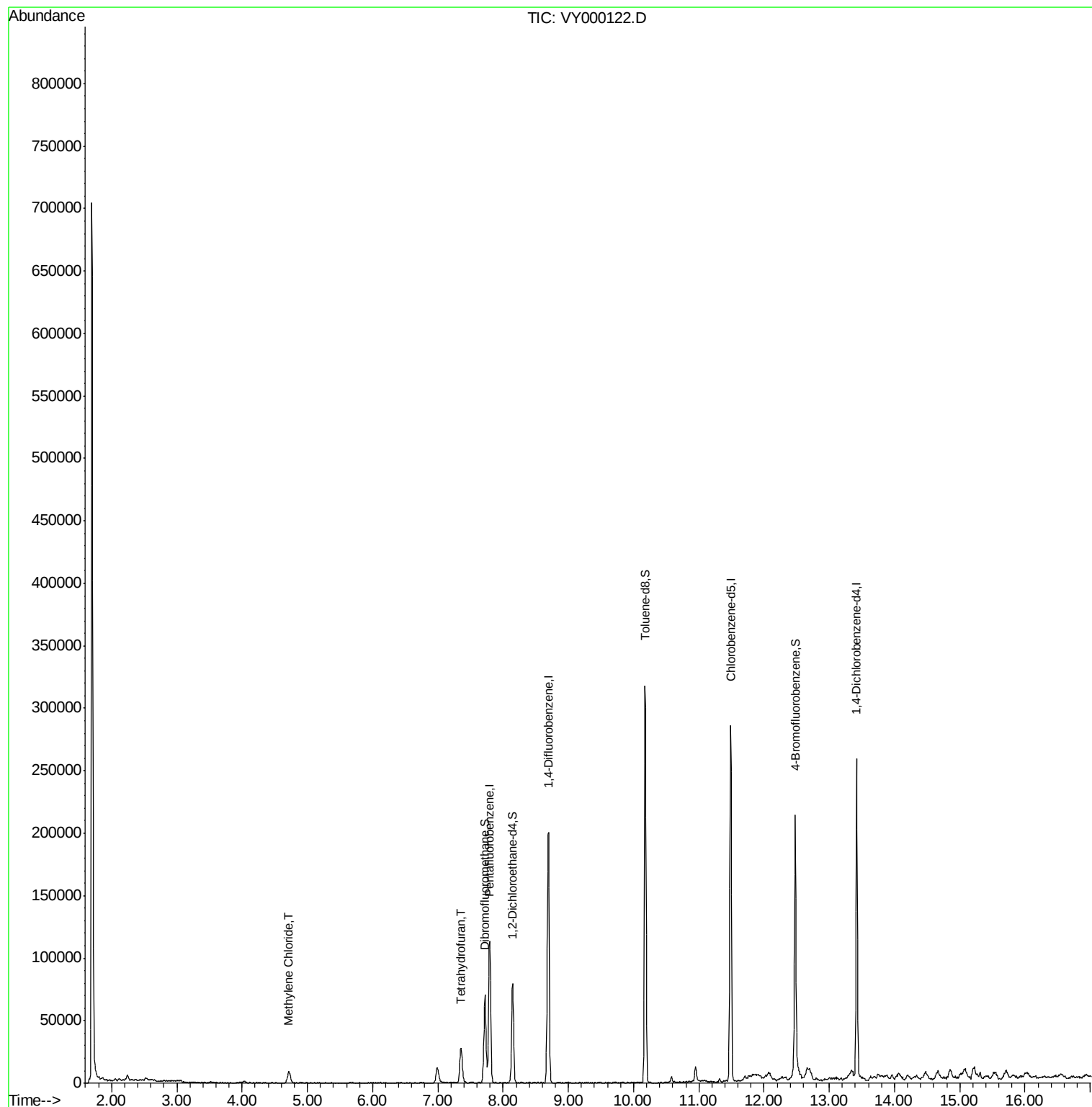
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	80249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	178132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	153941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	53409	57.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.70%	
35) Dibromofluoromethane	7.73	113	48748	45.20	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.40%	
50) Toluene-d8	10.18	98	208689	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.48	95	69224	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds						
20) Methylene Chloride	4.71	84	7209	7.129	ug/l	95
29) Tetrahydrofuran	7.36	42	24130	103.233	ug/l	97

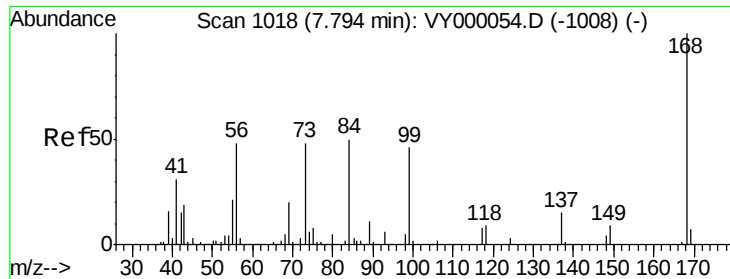
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000122.D

Acq: 20 Sep 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

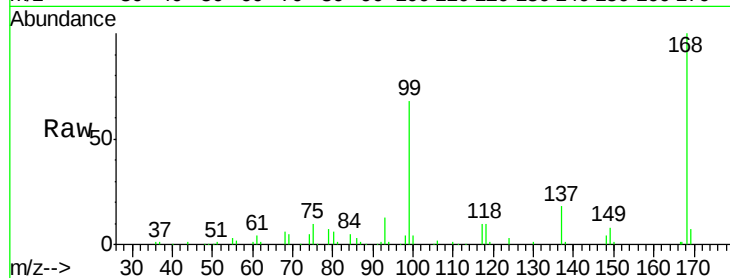
MG-TRENCH-1-SOIL

Tot Ion:168 Resp: 80249

Ion Ratio Lower Upper

168 100

99 68.2 44.2 66.2#



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

40000

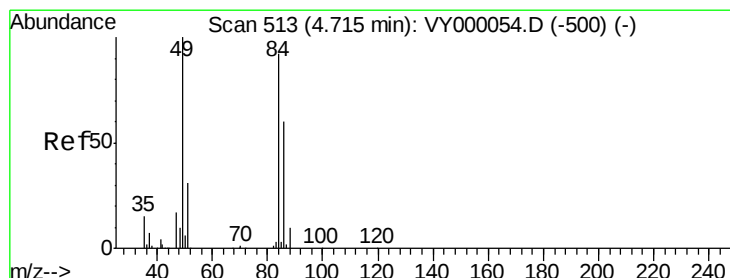
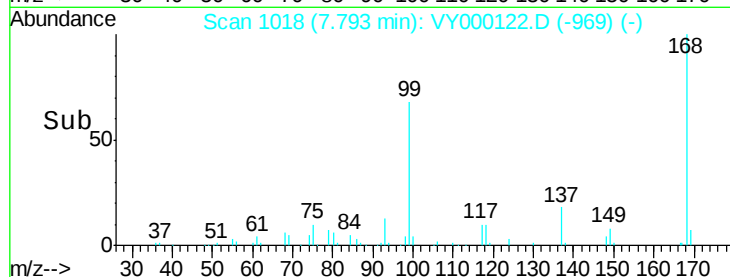
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 7.129 ug/l

RT: 4.71 min Scan# 513

Delta R.T. -0.00 min

Lab File: VY000122.D

Acq: 20 Sep 2019 20:44

Tgt Ion: 84 Resp: 7209

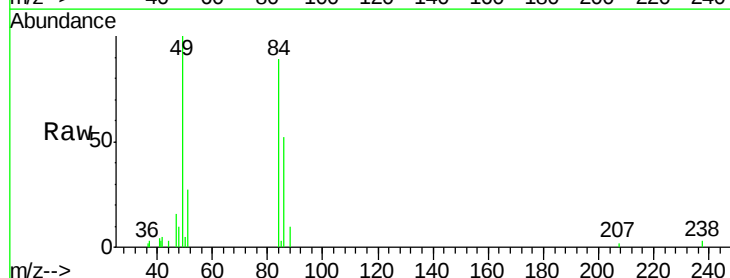
Ion Ratio Lower Upper

84 100

49 110.3 87.4 131.0

51 30.2 27.2 40.8

86 58.5 52.8 79.2



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4000

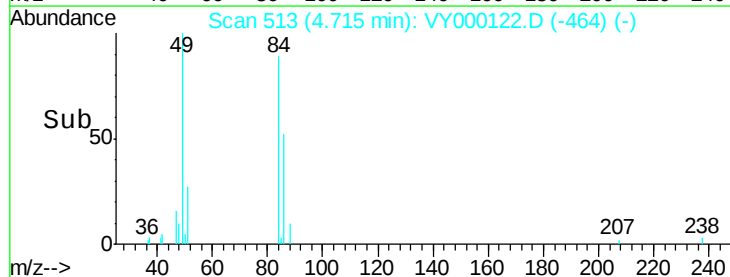
3000

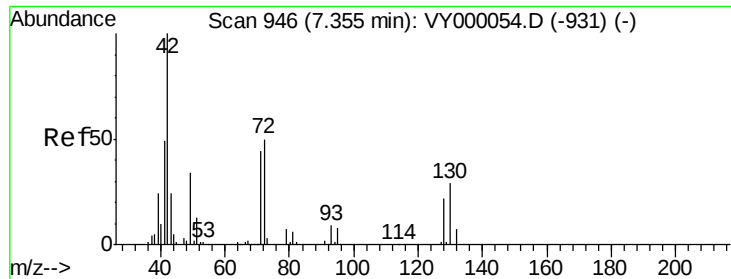
2000

1000

0

Time-->

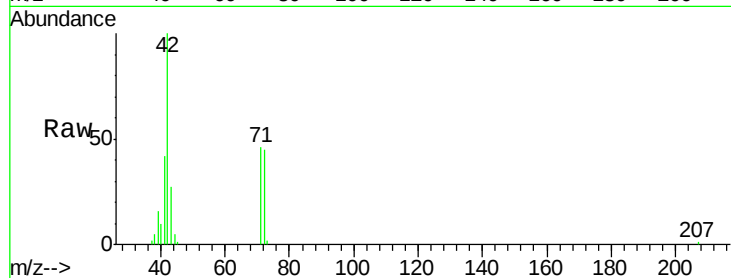




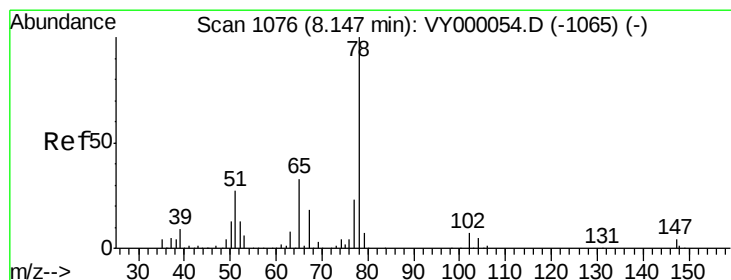
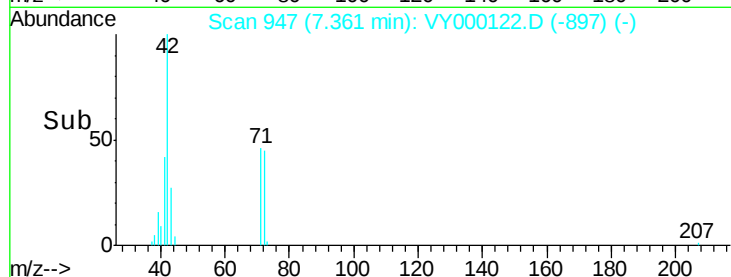
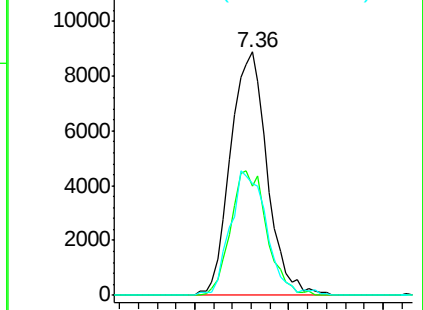
#29
Tetrahydrofuran
Concen: 103.233 ug/l
RT: 7.36 min Scan# 947
Delta R.T. 0.01 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-1-SOIL

Tot Ion: 42 Resp: 24130
Ion Ratio Lower Upper
42 100
72 50.2 41.8 62.6
71 50.9 38.6 58.0

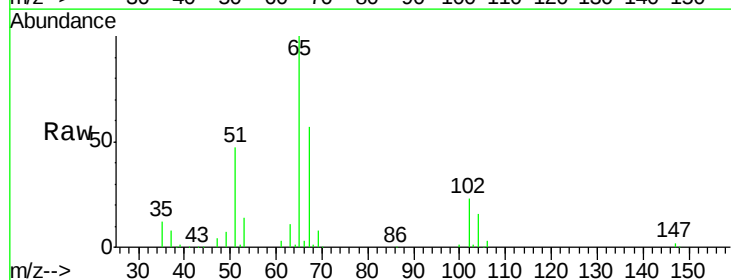


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

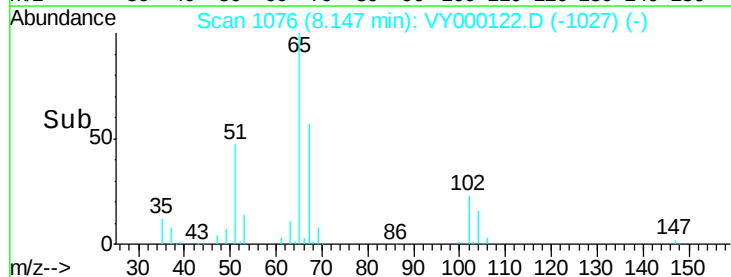
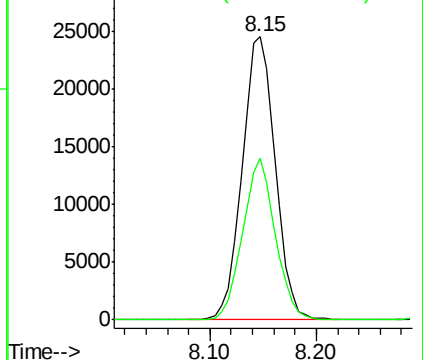


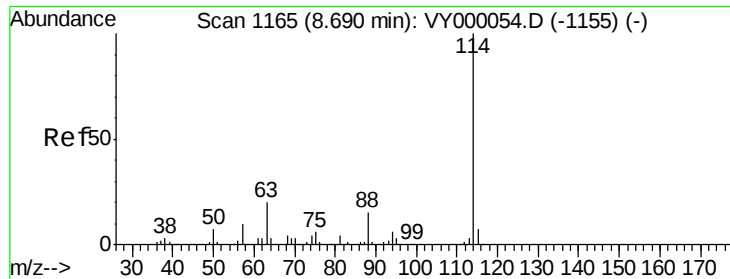
#33
1,2-Dichloroethane-d4
Concen: 57.847 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion: 65 Resp: 53409
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

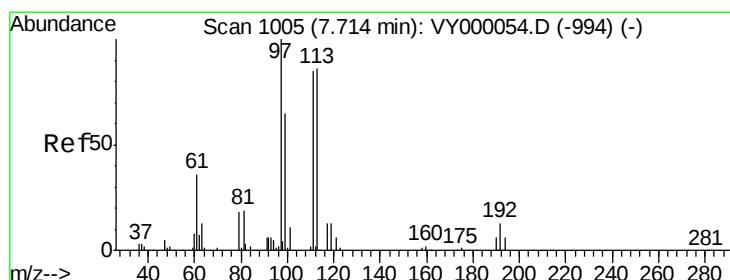
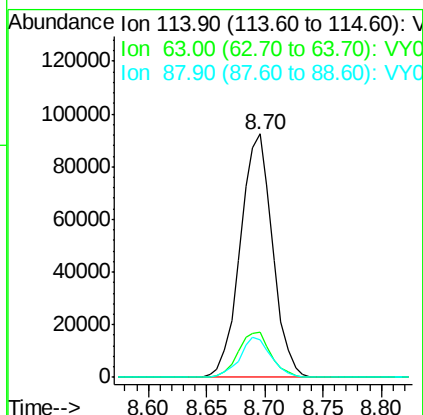
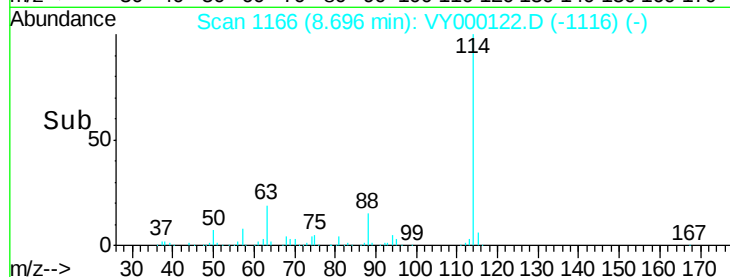
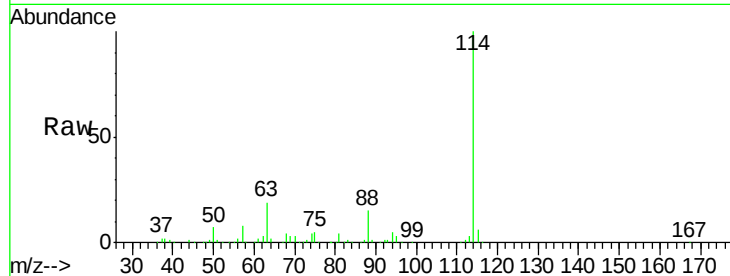




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000122.D
 Acq: 20 Sep 2019 20:44

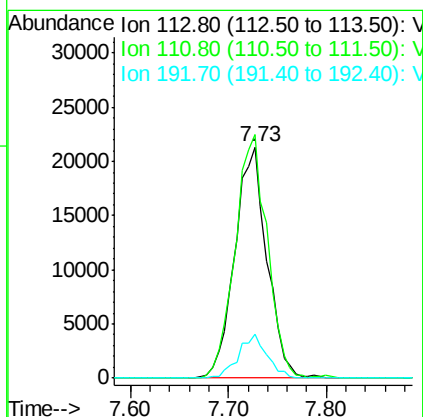
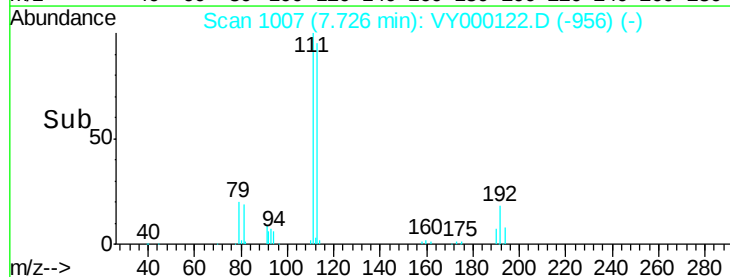
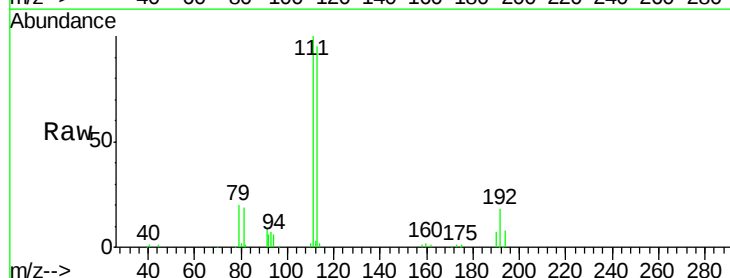
Instrument :
 MSVOA_Y
 ClientSampleId :
 MG-TRENCH-1-SOIL

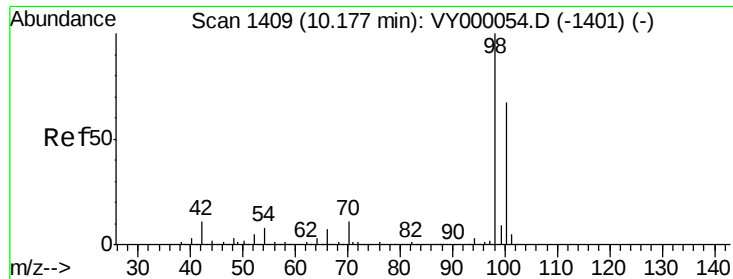
Tot Ion:114 Resp: 178132
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.4
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 45.198 ug/l
 RT: 7.73 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: VY000122.D
 Acq: 20 Sep 2019 20:44

Tgt Ion:113 Resp: 48748
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.7 122.5
 192 16.8 13.4 20.2





#50

Toluene-d8

Concen: 49.264 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000122.D

Acq: 20 Sep 2019 20:44

Instrument :

MSVOA_Y

ClientSampleId :

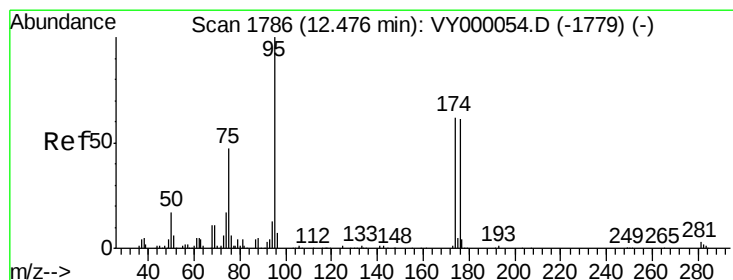
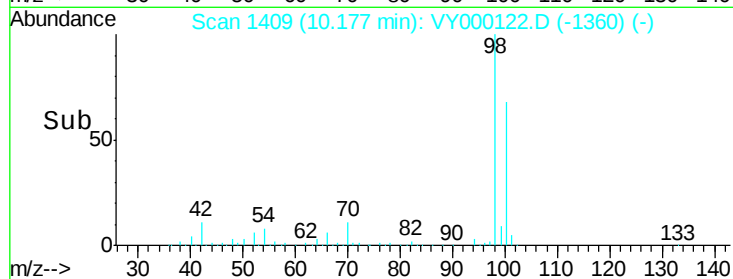
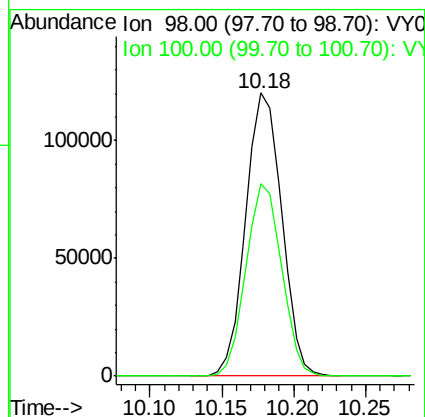
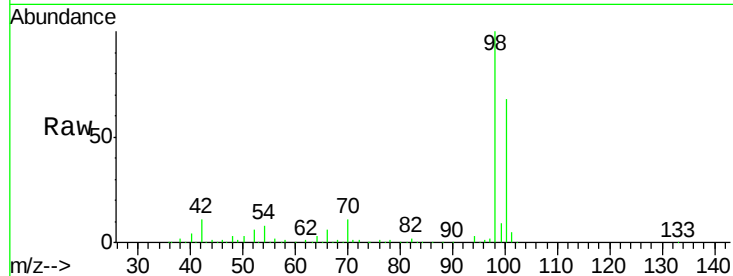
MG-TRENCH-1-SOIL

Tot Ion: 98 Resp: 208689

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.014 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000122.D

Acq: 20 Sep 2019 20:44

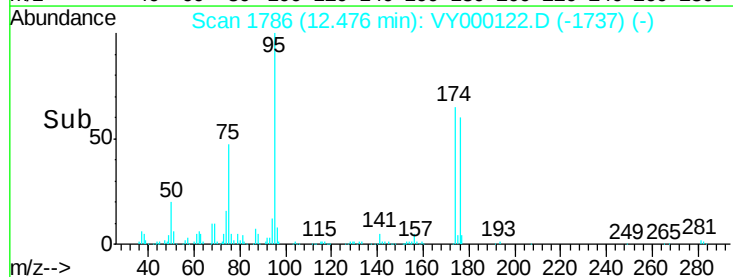
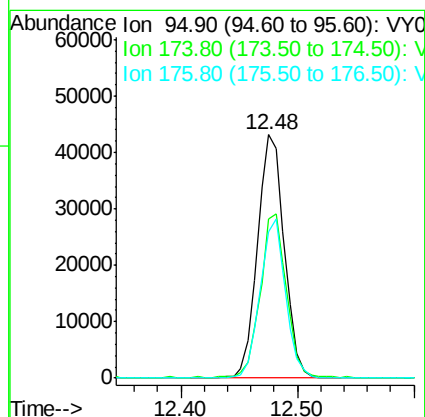
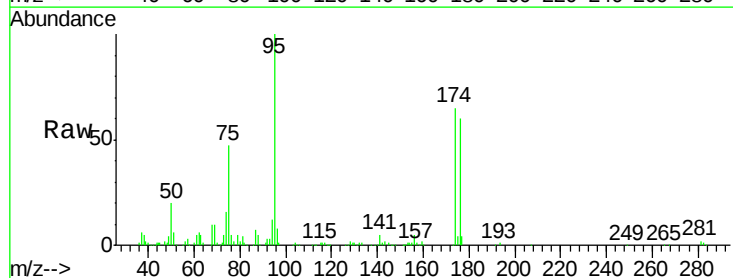
Tgt Ion: 95 Resp: 69224

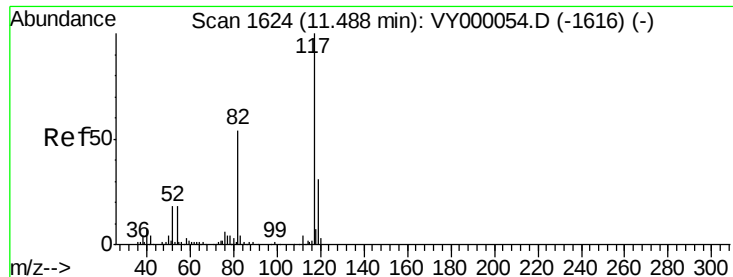
Ion Ratio Lower Upper

95 100

174 66.9 0.0 137.2

176 62.0 0.0 135.0

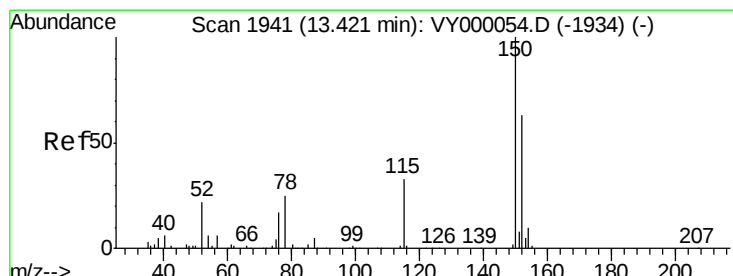
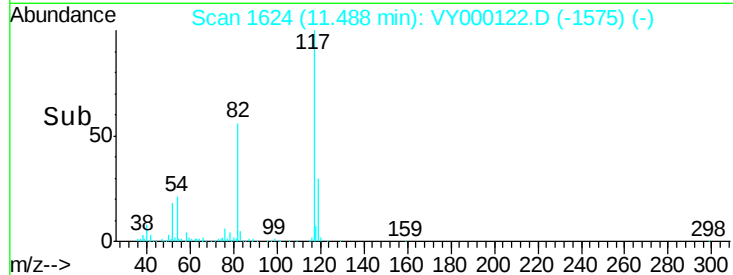
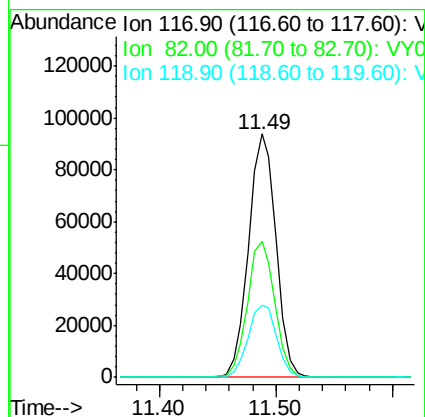
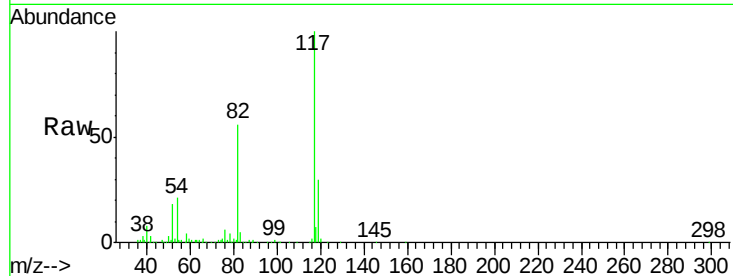




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-1-SOIL

Tot Ion:117 Resp: 153941
Ion Ratio Lower Upper
117 100
82 56.0 43.5 65.3
119 29.7 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000122.D
Acq: 20 Sep 2019 20:44

Tgt Ion:152 Resp: 57023
Ion Ratio Lower Upper
152 100
115 66.2 30.7 92.1
150 156.6 0.0 351.6

