

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001181.D
 Acq On : 13 Jan 2020 15:17
 Operator : SY/MD
 Sample : L1091-01
 Misc : 5.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAVEL-SOIL

Quant Time: Jan 14 11:15:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

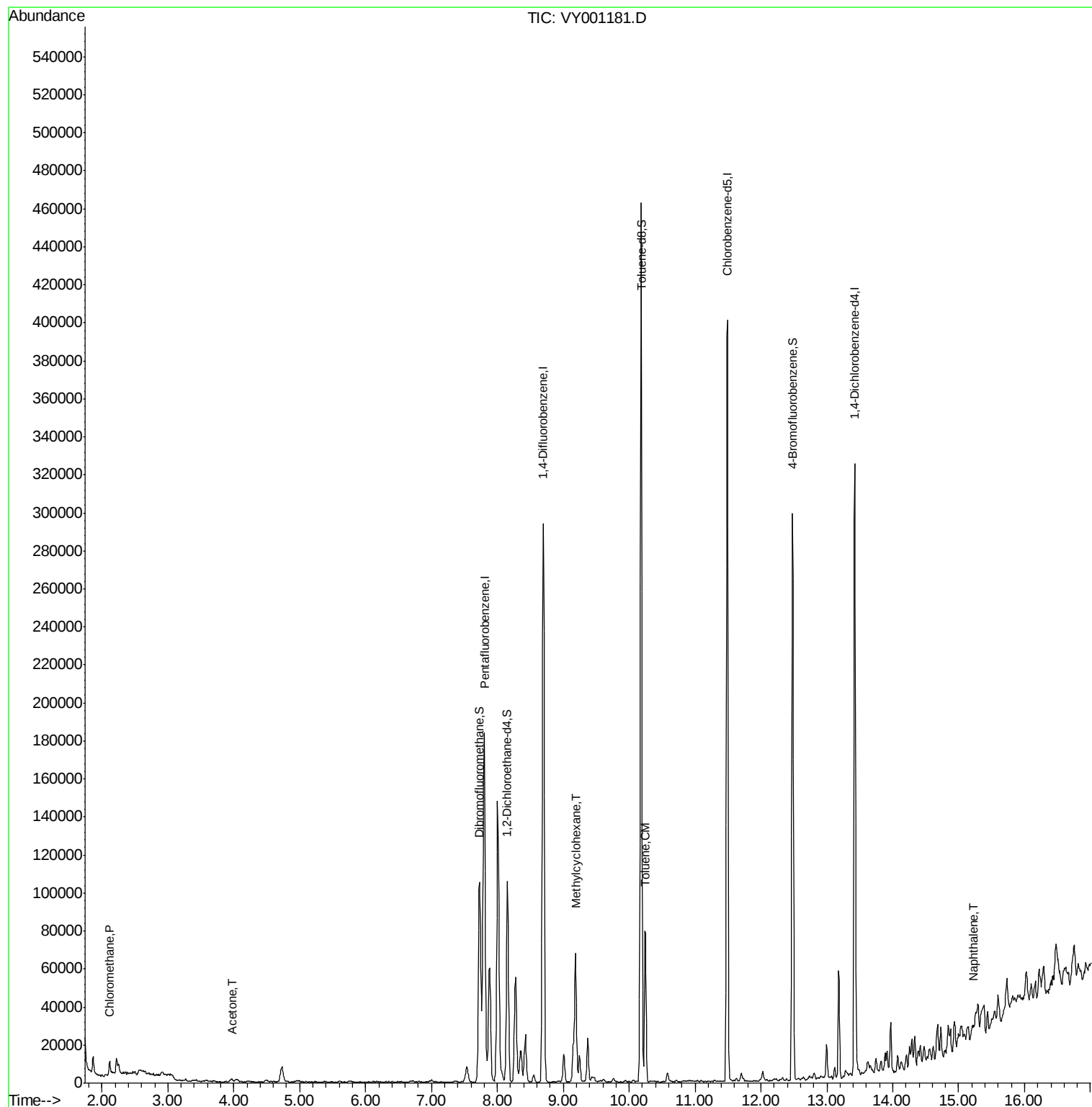
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	142485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	260010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	219896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	80229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79117	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.73	113	77655	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	10.18	98	302901	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.48	95	97439	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	5406	3.427	ug/l	98
16) Acetone	3.96	43	3569	10.212	ug/l	94
39) Methylcyclohexane	9.19	83	30878	9.611	ug/l	99
52) Toluene	10.25	92	33501	7.593	ug/l	100
95) Naphthalene	15.23	128	4117	1.146	ug/l #	87

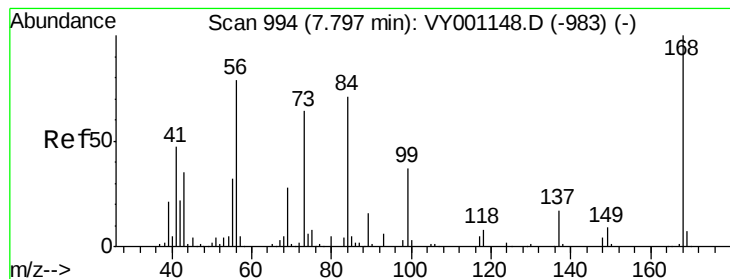
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

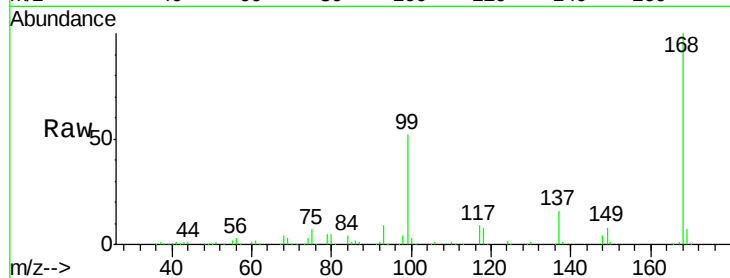
GRAVEL-SOIL

Tot Ion:168 Resp: 142485

Ion Ratio Lower Upper

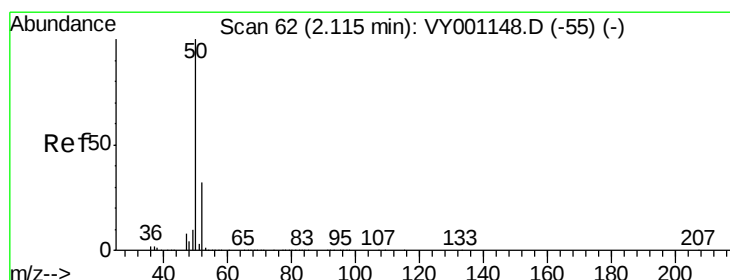
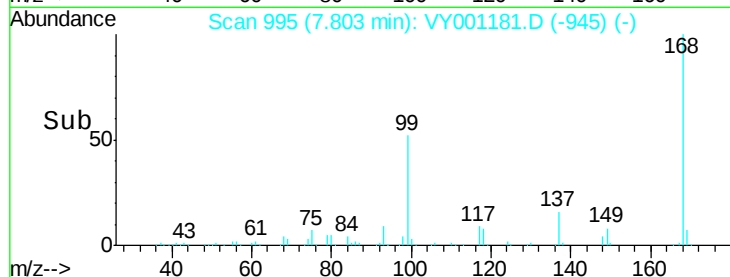
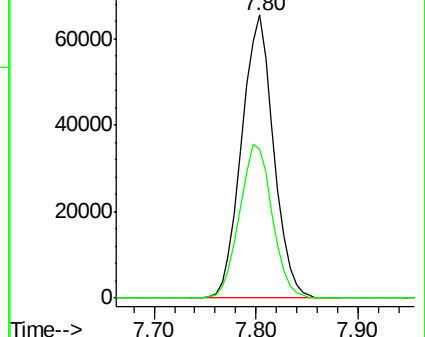
168 100

99 52.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001181.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001181.D (-945) (-)



#3

Chloromethane

Concen: 3.427 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001181.D

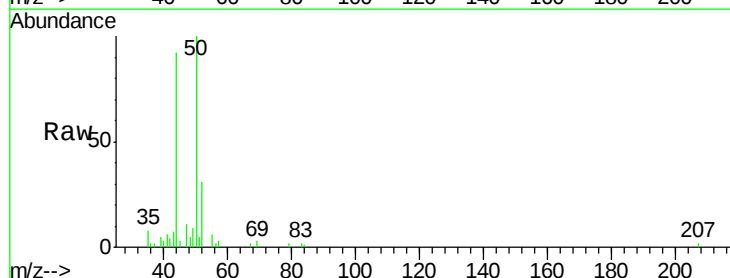
Acq: 13 Jan 2020 15:17

Tgt Ion: 50 Resp: 5406

Ion Ratio Lower Upper

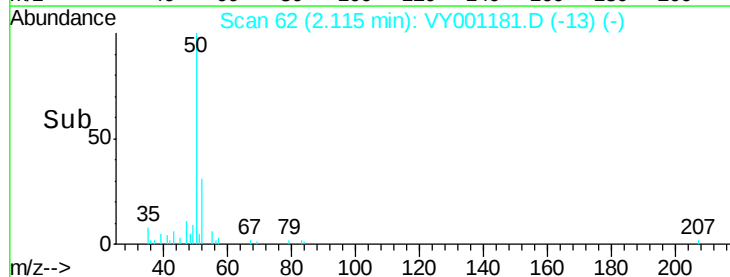
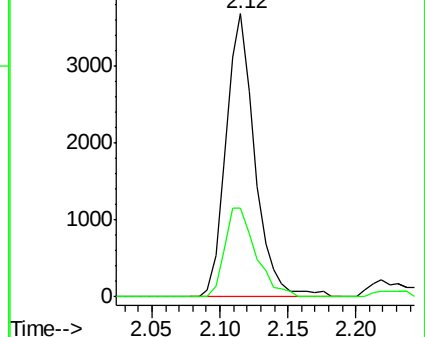
50 100

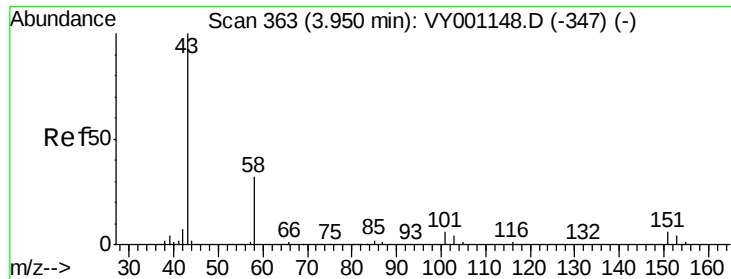
52 31.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001181.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY001181.D (-13) (-)





#16

Acetone

Concen: 10.212 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

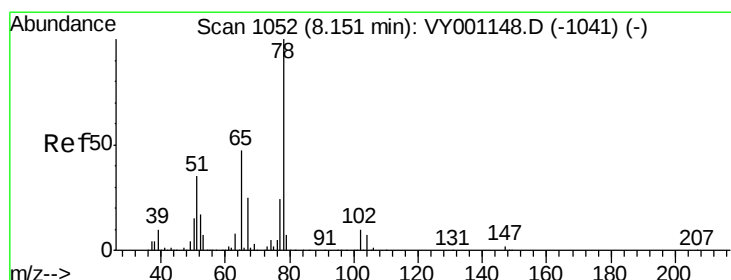
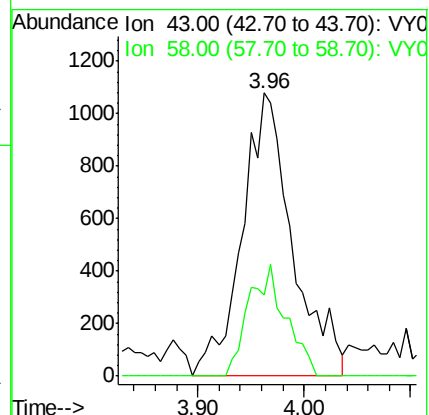
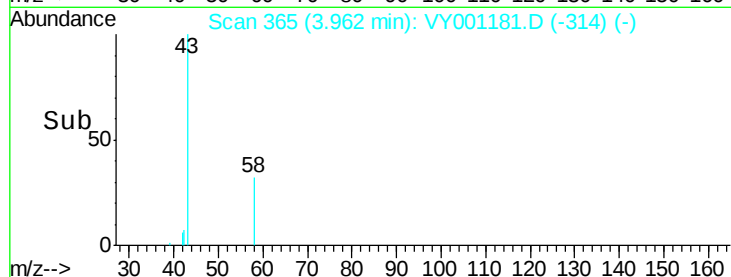
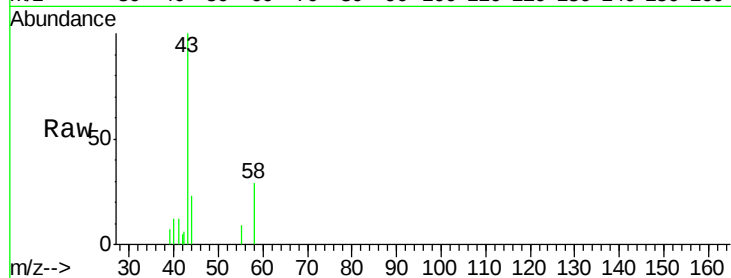
GRAVEL-SOIL

Tot Ion: 43 Resp: 3569

Ion Ratio Lower Upper

43 100

58 28.8 25.8 38.6



#33

1,2-Dichloroethane-d4

Concen: 52.573 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001181.D

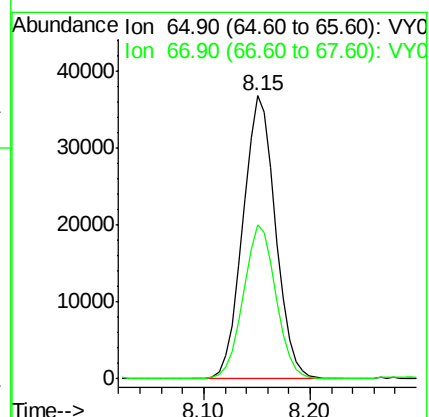
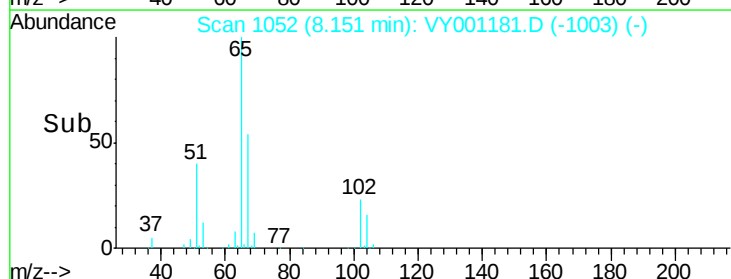
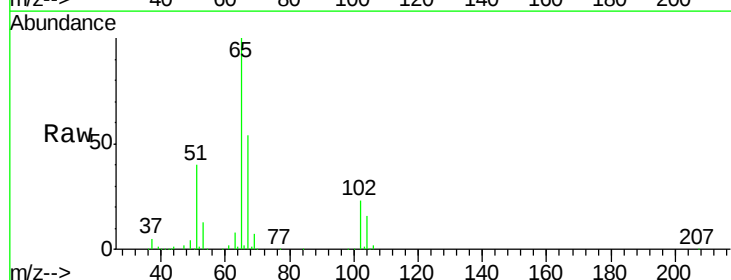
Acq: 13 Jan 2020 15:17

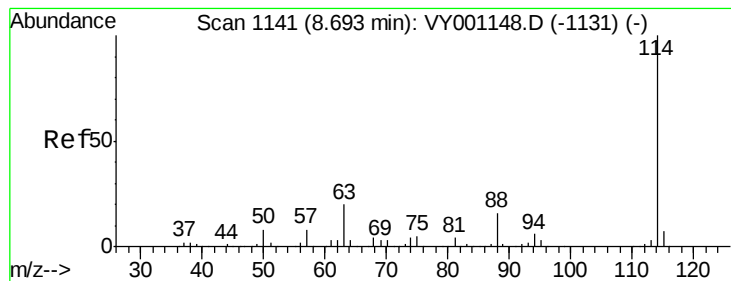
Tgt Ion: 65 Resp: 79117

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

GRAVEL-SOIL

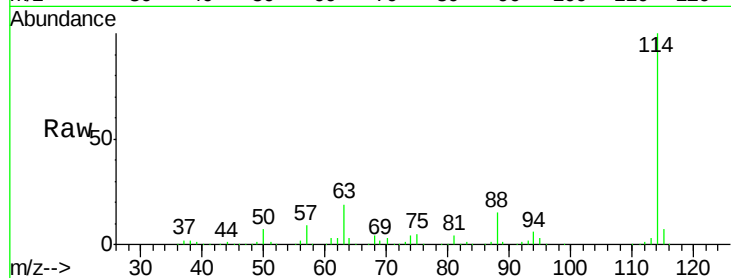
Tot Ion:114 Resp: 260010

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

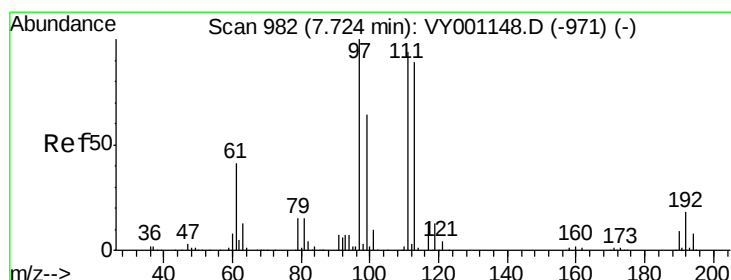
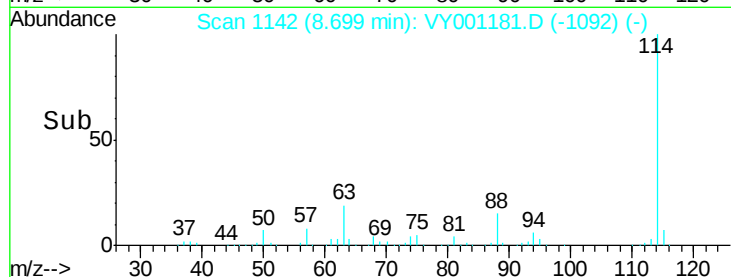
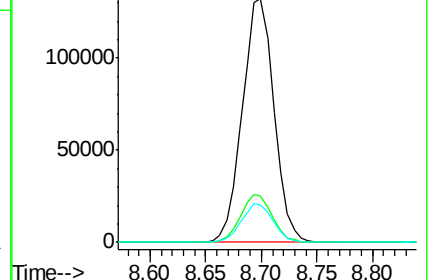
88 15.5 0.0 32.4



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: 51.010 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

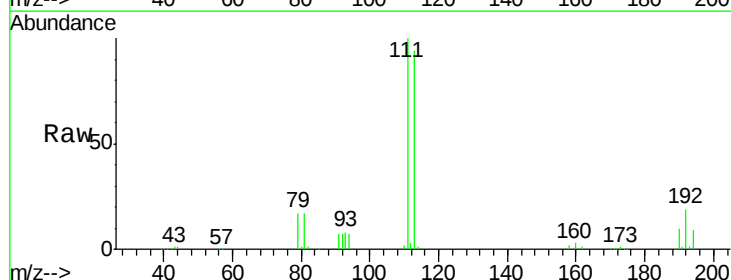
Tgt Ion:113 Resp: 77655

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

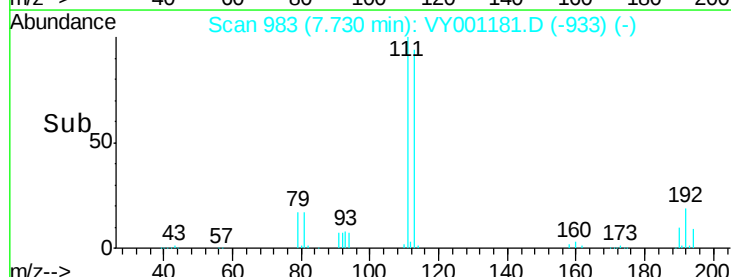
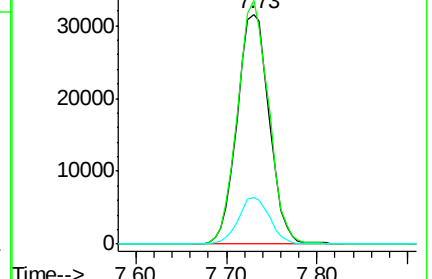
192 19.6 15.4 23.2

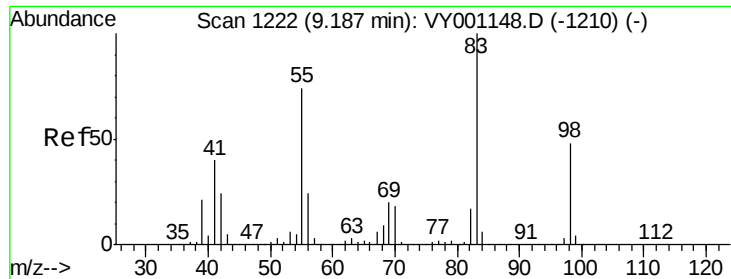


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

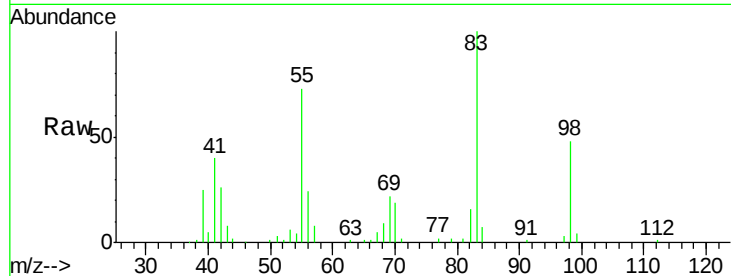




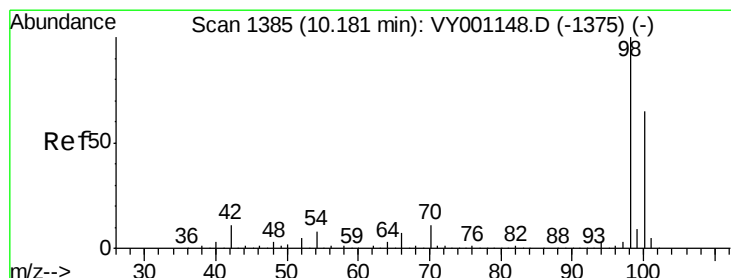
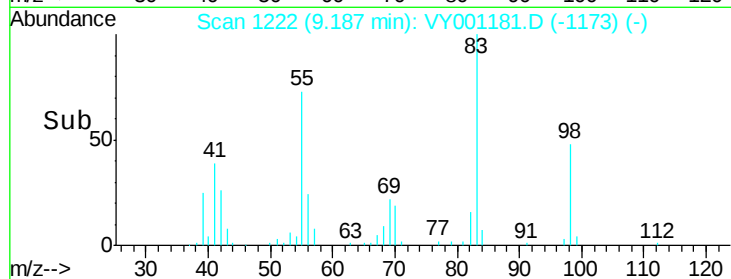
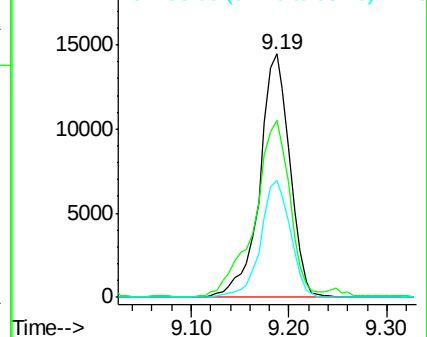
#39
Methvlcvclohexane
Concen: 9.611 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001181.D
Acq: 13 Jan 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL-SOIL

Tot Ion: 83 Resp: 30878
Ion Ratio Lower Upper
83 100
55 72.5 58.9 88.3
98 48.0 38.4 57.6

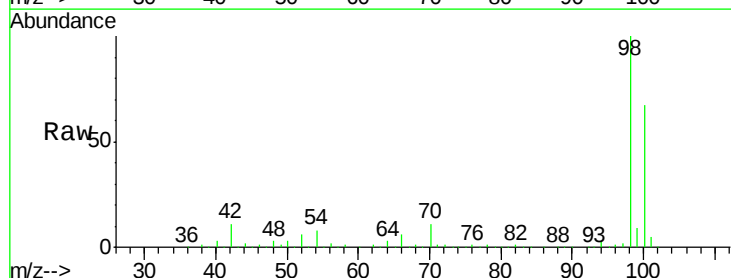


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

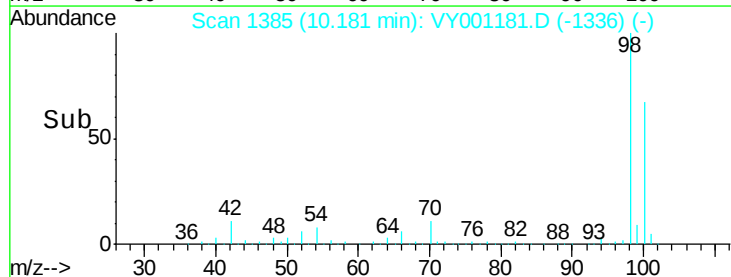
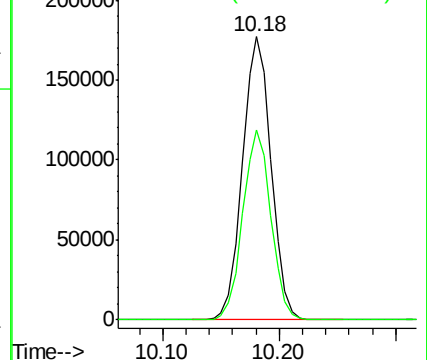


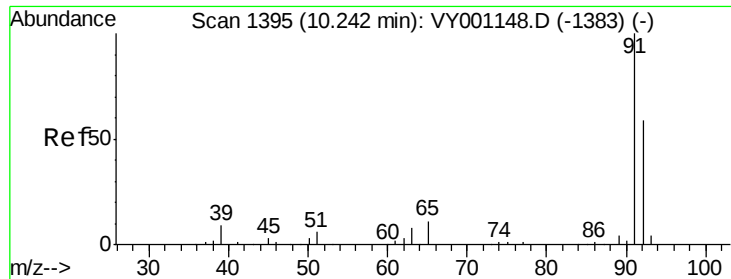
#50
Toluene-d8
Concen: 51.638 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001181.D
Acq: 13 Jan 2020 15:17

Tgt Ion: 98 Resp: 302901
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#52

Toluene

Concen: 7.593 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

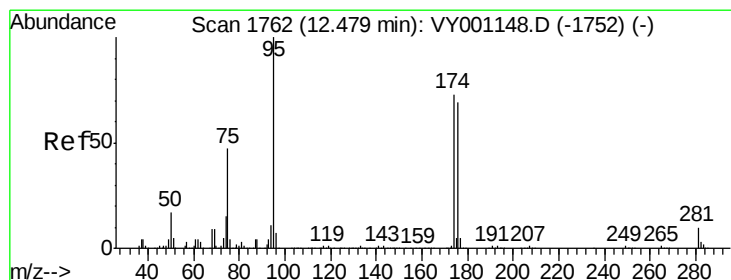
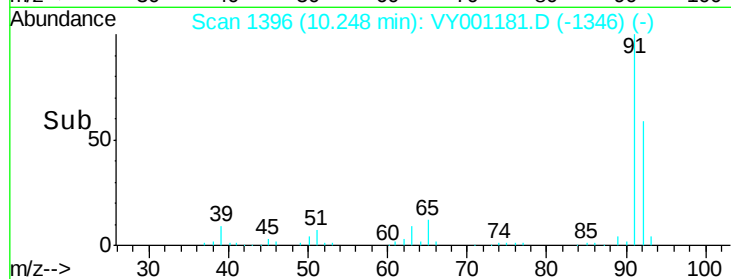
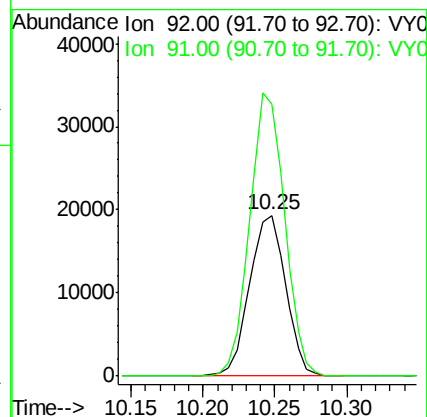
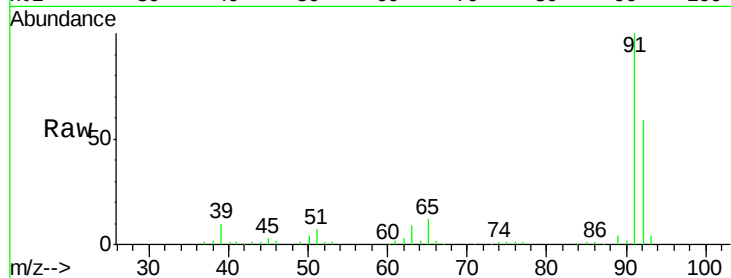
GRAVEL-SOIL

Tot Ion: 92 Resp: 33501

Ion Ratio Lower Upper

92 100

91 170.4 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 40.631 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

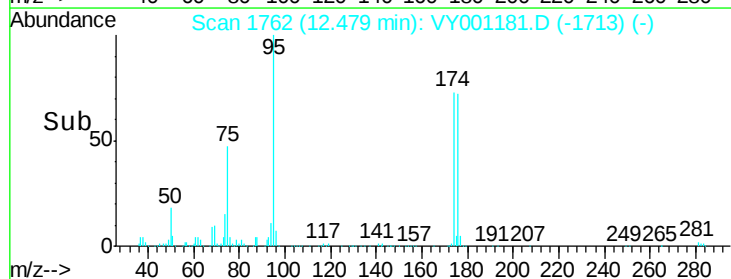
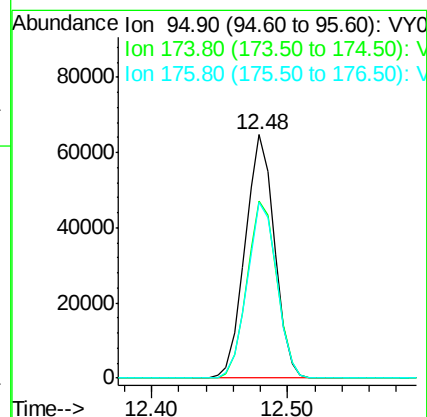
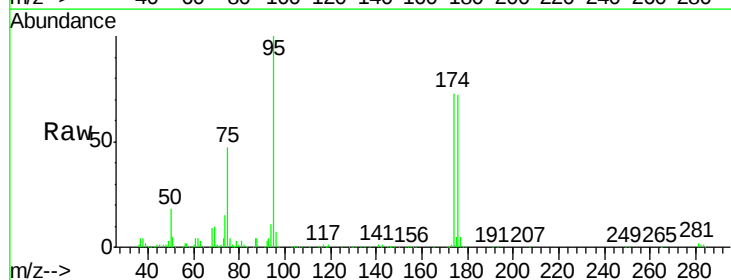
Tgt Ion: 95 Resp: 97439

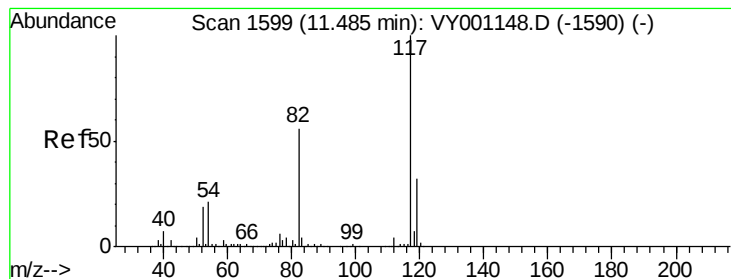
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.2

176 73.6 0.0 136.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

GRAVEL-SOIL

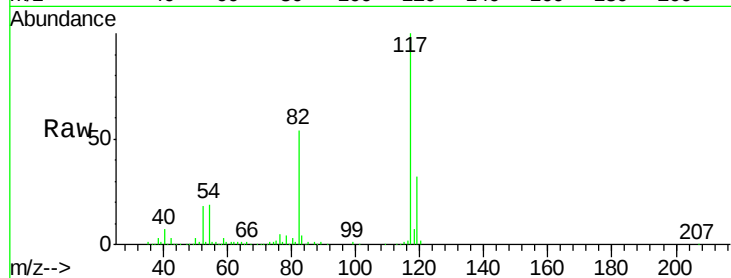
Tot Ion:117 Resp: 219896

Ion Ratio Lower Upper

117 100

82 53.6 44.9 67.3

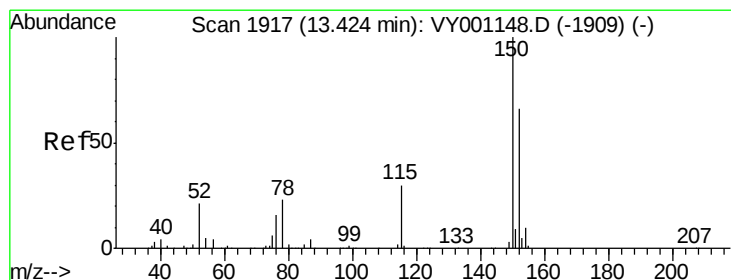
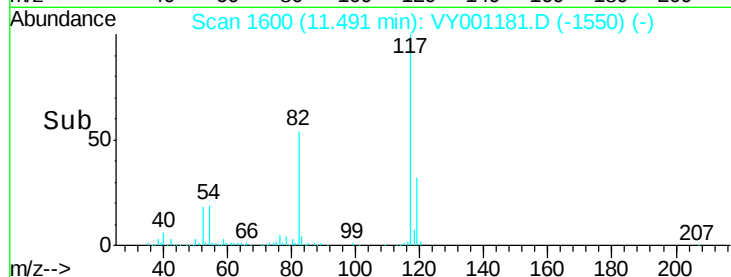
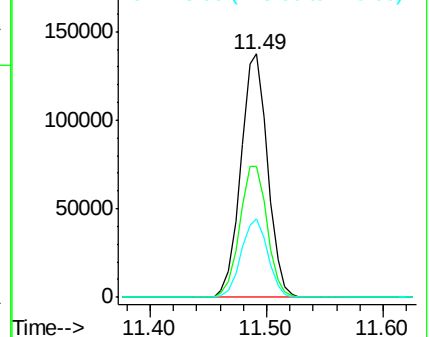
119 32.1 25.7 38.5



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# 1917

Delta R.T. -0.00 min

Lab File: VY001181.D

Acq: 13 Jan 2020 15:17

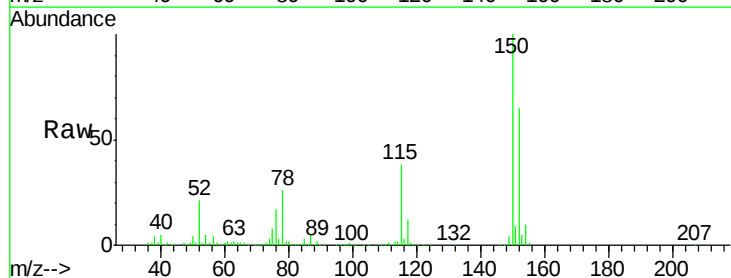
Tgt Ion:152 Resp: 80229

Ion Ratio Lower Upper

152 100

115 59.4 30.9 92.5

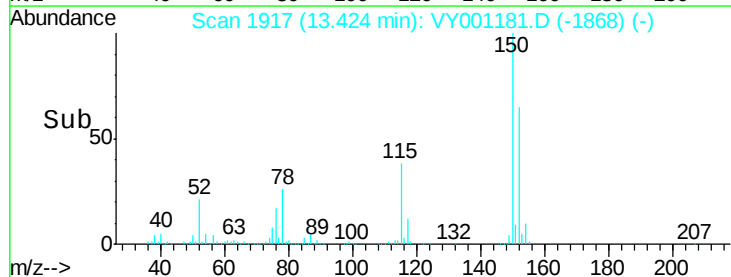
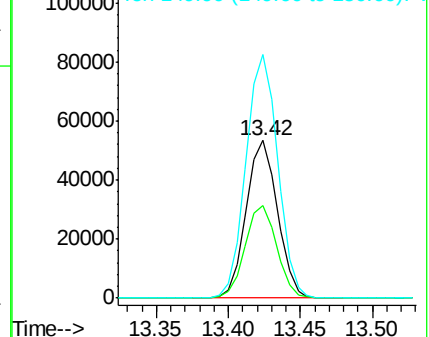
150 157.0 0.0 346.8

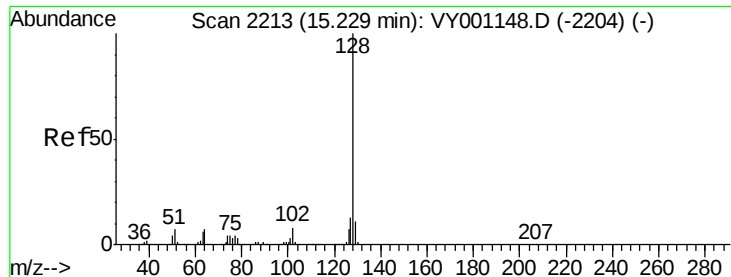


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

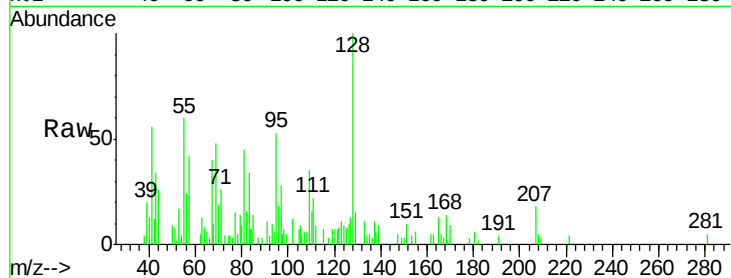




#95
Naphthalene
Concen: 1.146 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001181.D
Acq: 13 Jan 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
GRAVEL-SOIL

Tot Ion:128 Resp: 4117
Ion Ratio Lower Upper
128 100
127 17.5 10.2 15.4#
129 16.4 8.5 12.7#



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

