

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000353.D
 Acq On : 18 Oct 2019 15:54
 Operator : SY/MD
 Sample : K5459-01
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

Quant Time: Oct 19 01:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	442534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	145609	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	7.73	113	124187	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
50) Toluene-d8	10.19	98	502415	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.48	95	161643	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	

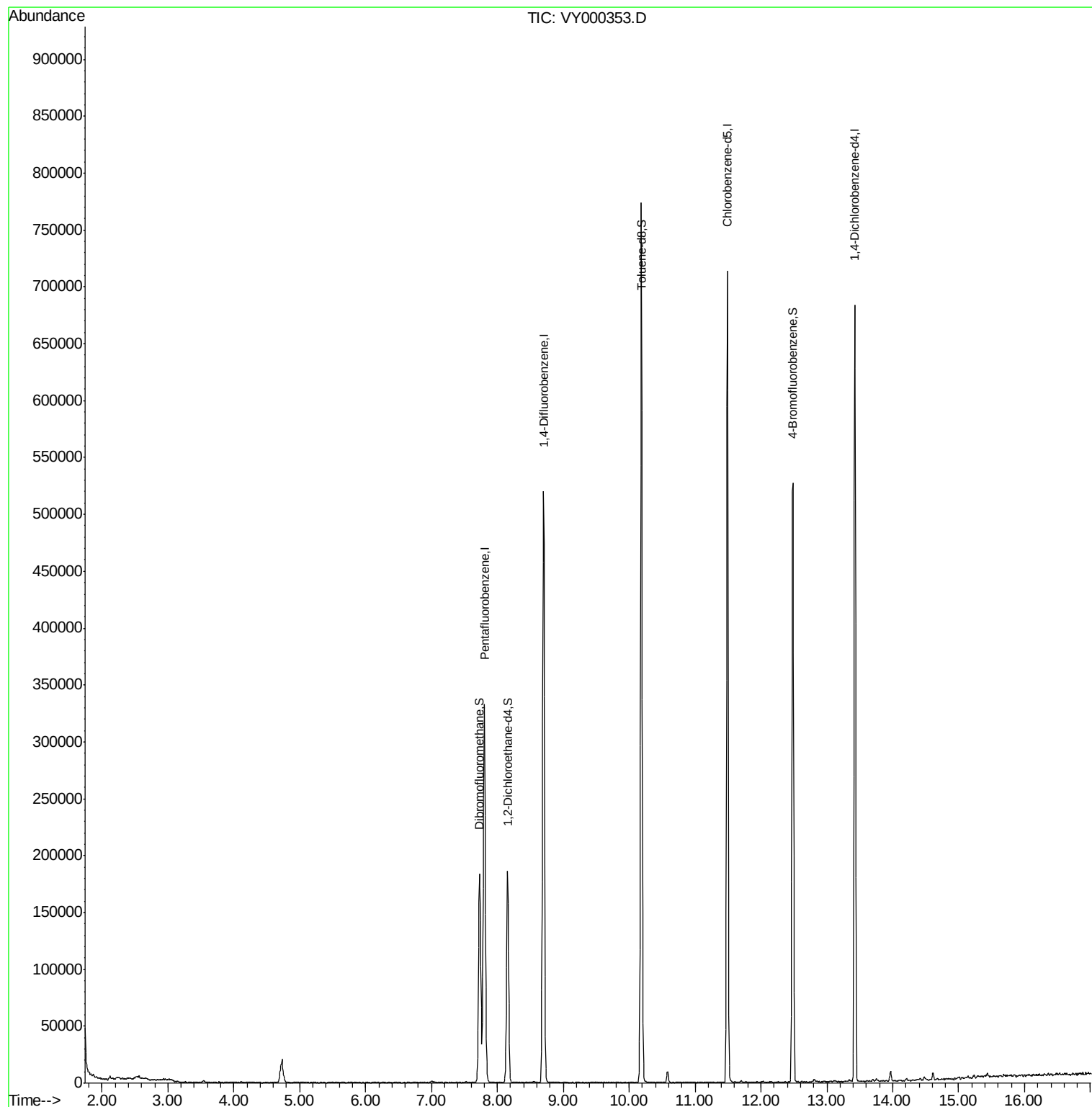
Target Compounds	Qvalue
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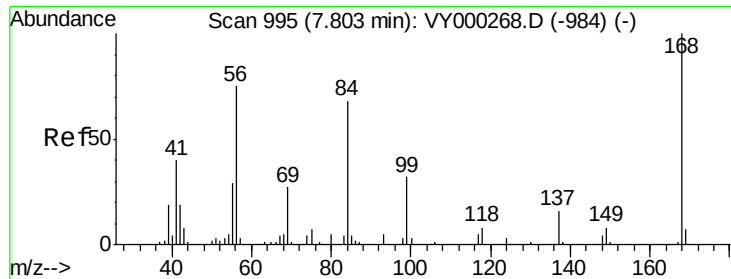
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000353.D

Acq: 18 Oct 2019 15:54

Instrument :

MSVOA_Y

ClientSampleId :

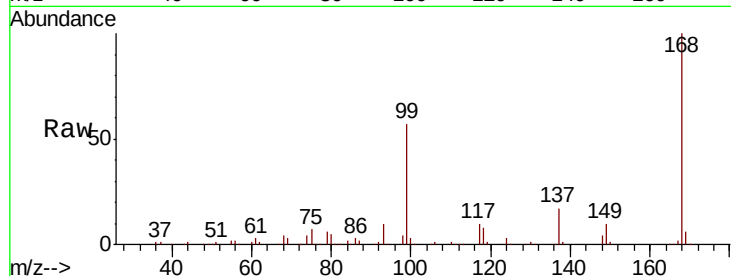
SOIL-PILE-HARVEY-SUB

Tot Ion:168 Resp: 260168

Ion Ratio Lower Upper

168 100

99 57.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

120000

100000

80000

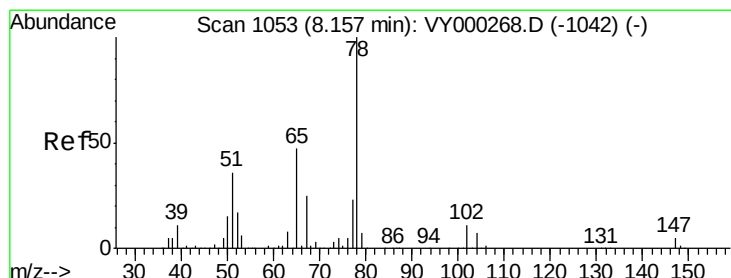
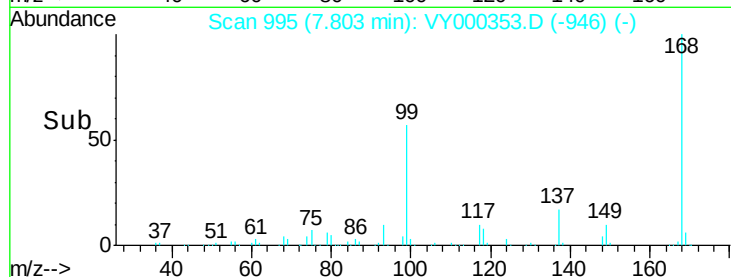
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.057 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000353.D

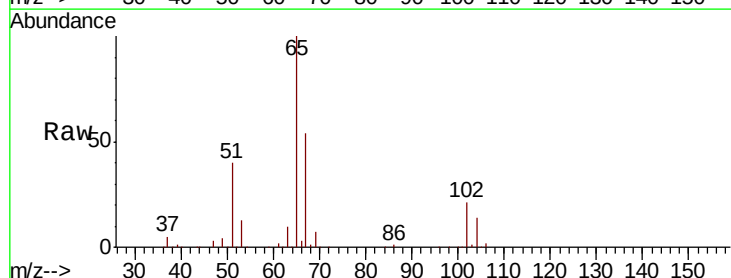
Acq: 18 Oct 2019 15:54

Tgt Ion: 65 Resp: 145609

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000268.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000268.D (-1042) (-)

8.15

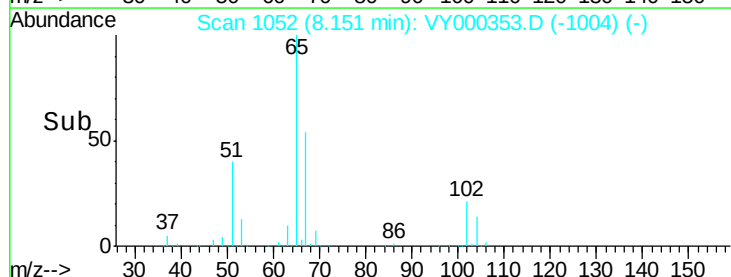
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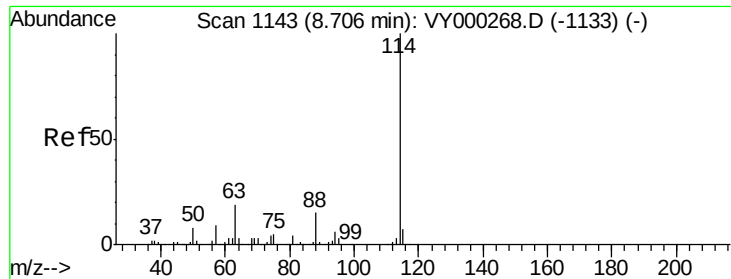
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Time-->

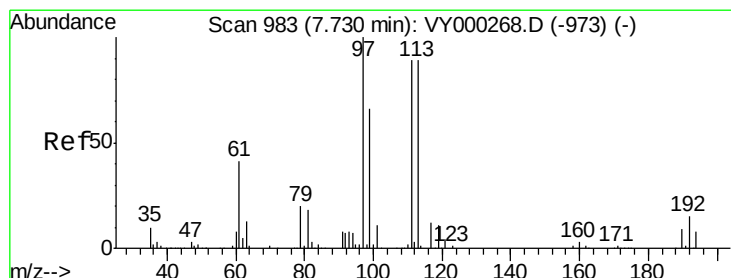
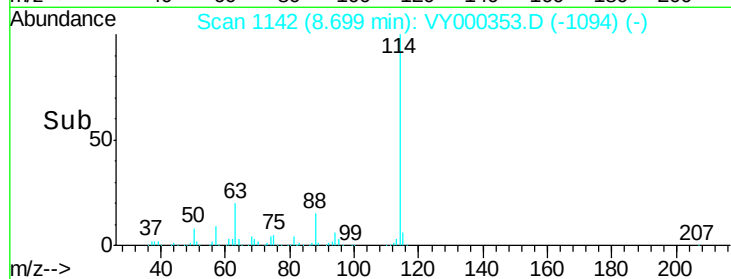
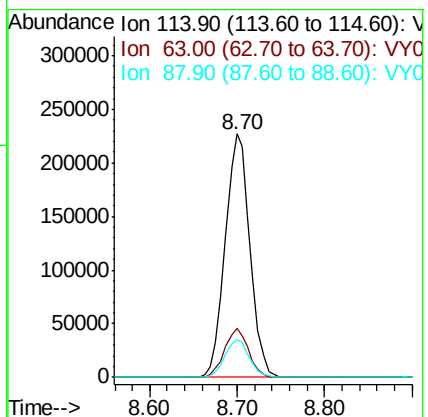
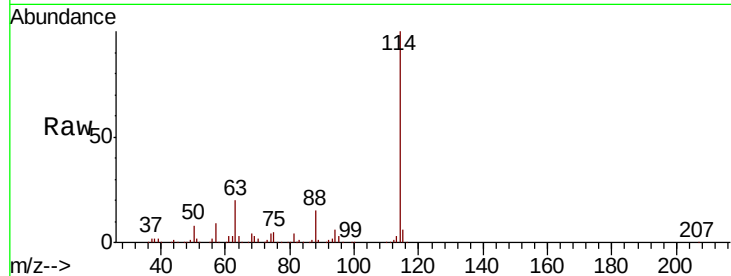




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

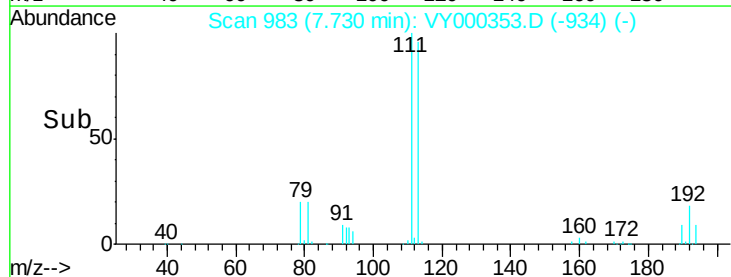
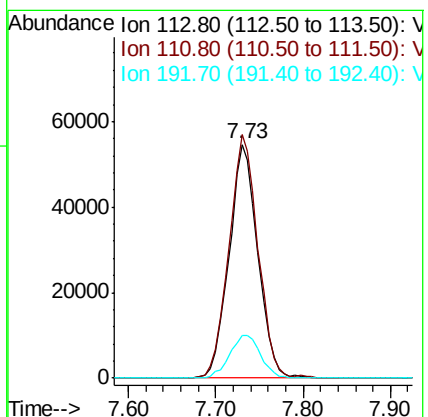
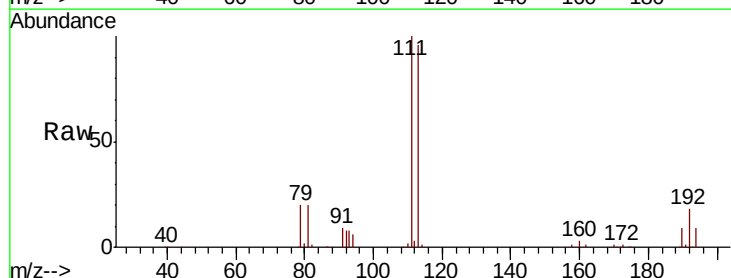
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-HARVEY-SUB

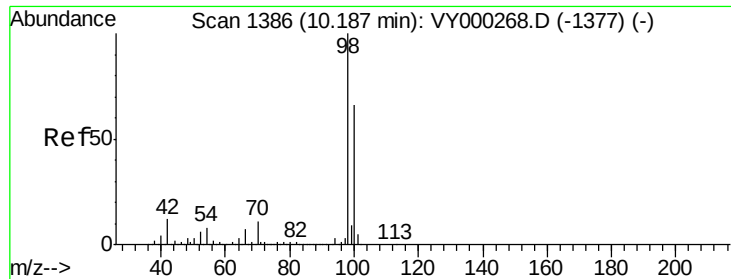
Tot Ion:114 Resp: 442534
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.2
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 46.522 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

Tgt Ion:113 Resp: 124187
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.6 122.4
 192 19.7 15.3 22.9





#50

Toluene-d8

Concen: 48.928 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000353.D

Acq: 18 Oct 2019 15:54

Instrument :

MSVOA_Y

ClientSampleId :

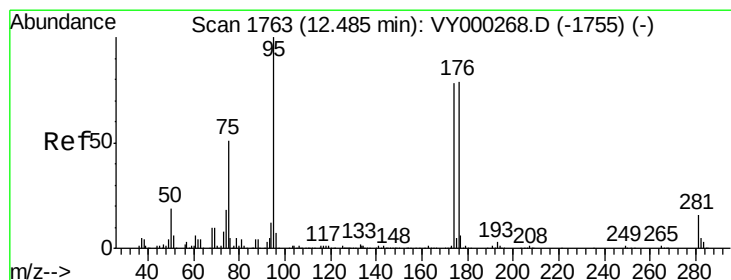
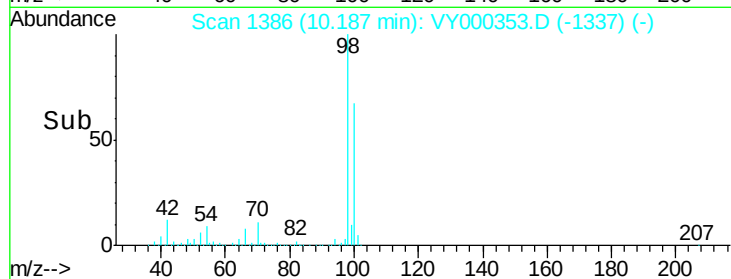
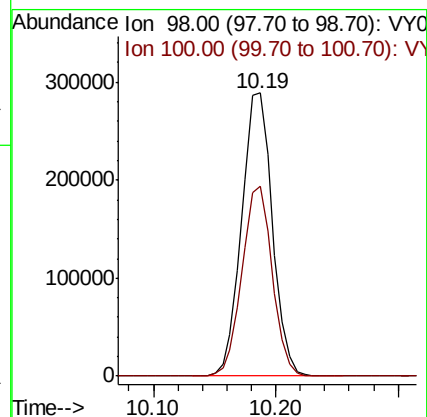
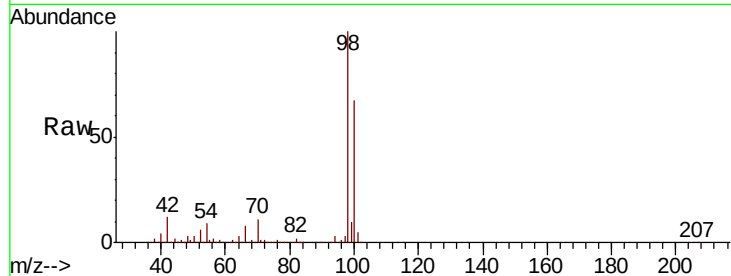
SOIL-PILE-HARVEY-SUB

Tot Ion: 98 Resp: 502415

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.435 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000353.D

Acq: 18 Oct 2019 15:54

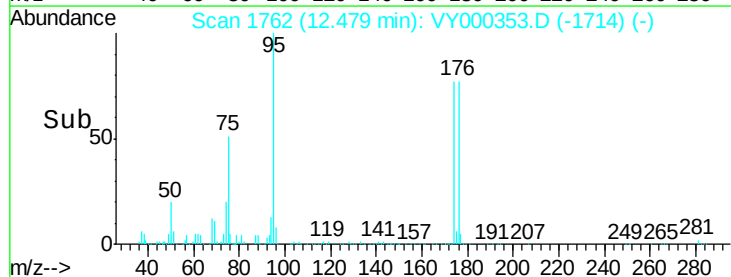
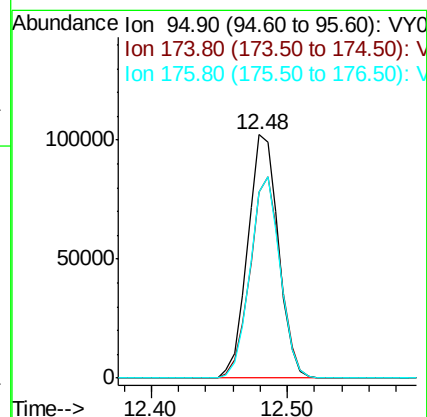
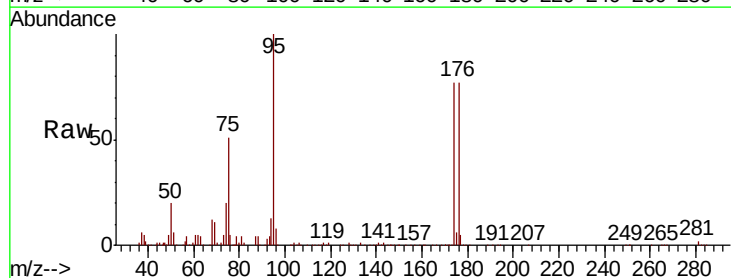
Tgt Ion: 95 Resp: 161643

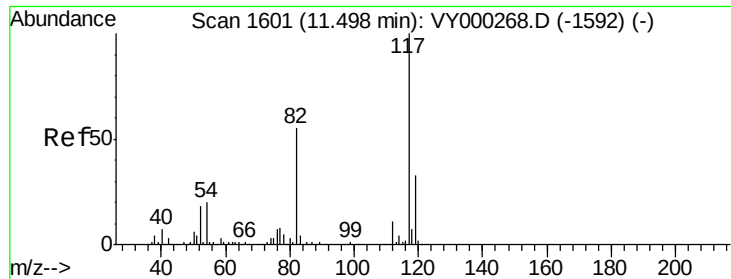
Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.6

176 80.7 0.0 153.8

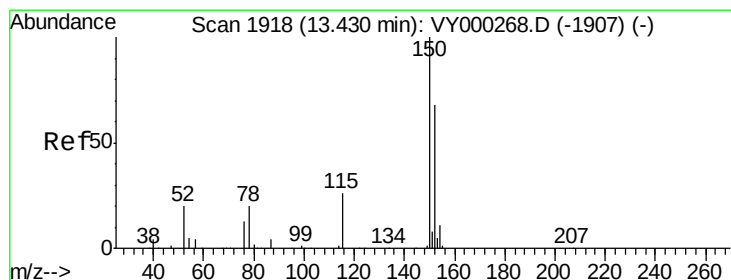
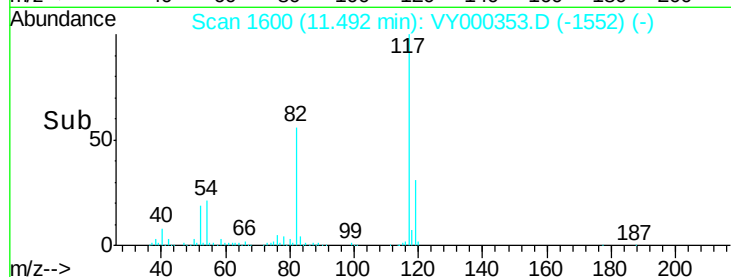
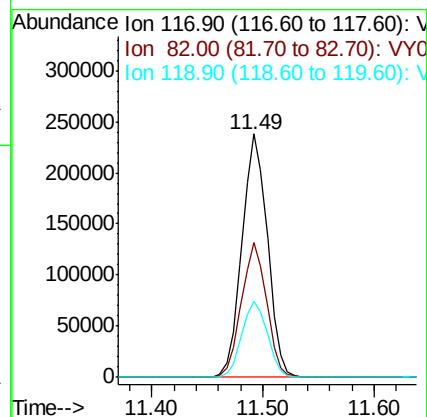
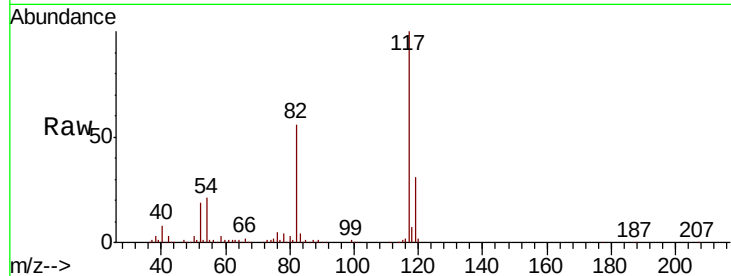




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-HARVEY-SUB

Tot Ion:117 Resp: 376274
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Tgt Ion:152 Resp: 165400
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 158.8 0.0 348.4

