

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001348.D
 Acq On : 23 Jan 2020 13:07
 Operator : SY/MD
 Sample : L1230-01
 Misc : 4.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-A

Quant Time: Jan 24 07:30:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

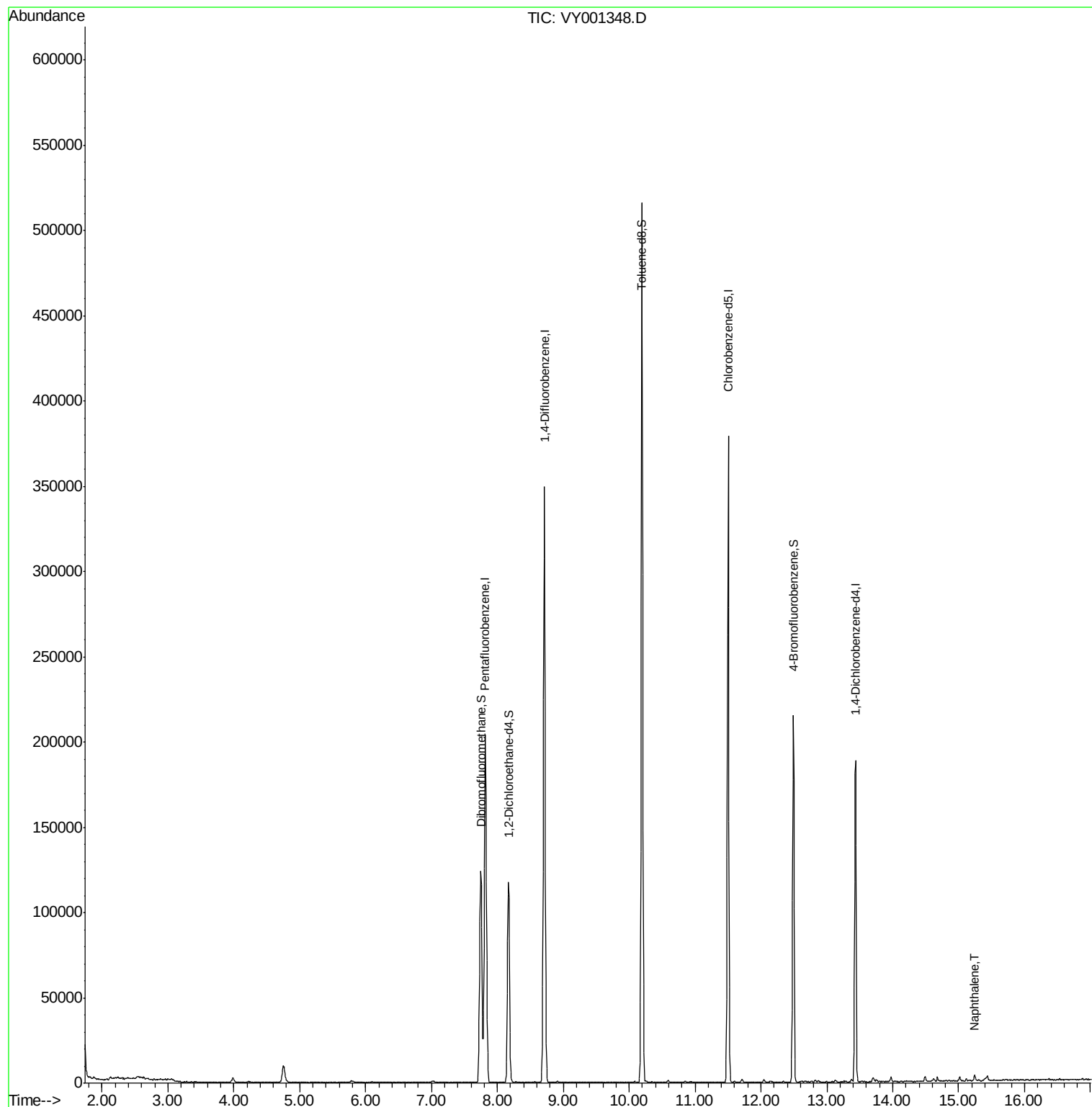
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	157468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	208038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	46938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	89453	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	7.75	113	90229	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.19	98	332638	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.49	95	68531	25.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.24%	
Target Compounds						
95) Naphthalene	15.24	128	2580	1.154	ug/l	Qvalue 96

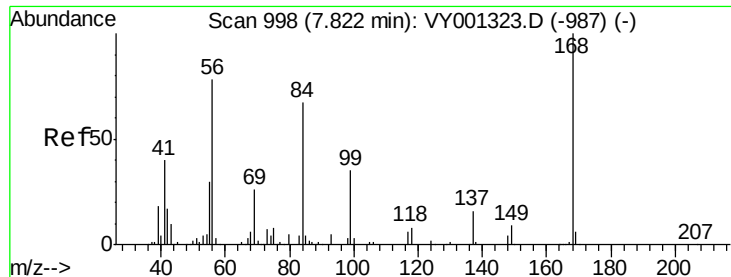
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001348.D

Acq: 23 Jan 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

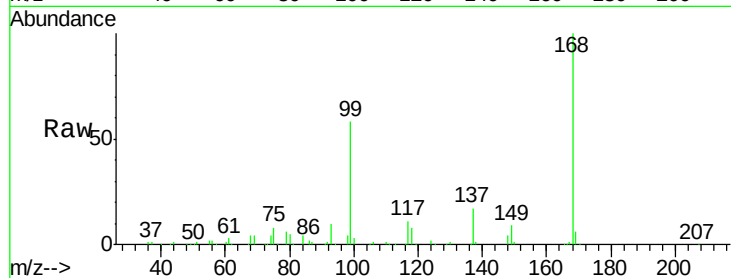
STOCK-PILE-A

Tot Ion:168 Resp: 157468

Ion Ratio Lower Upper

168 100

99 57.7 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

80000

60000

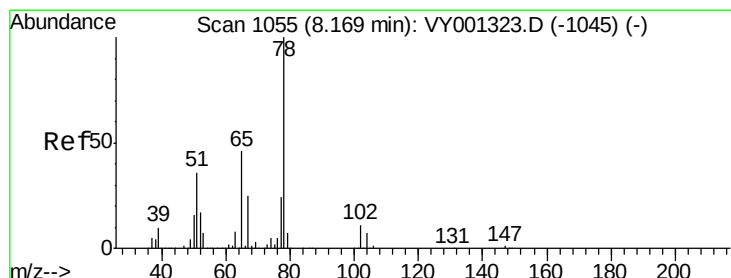
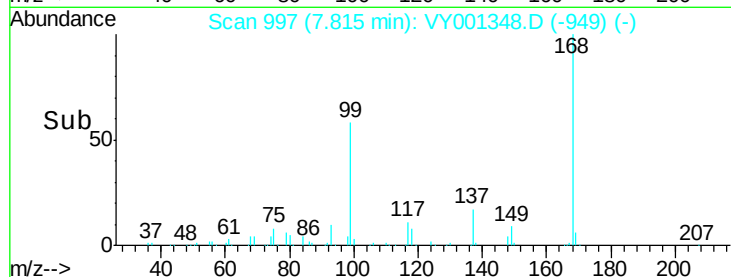
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 52.206 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001348.D

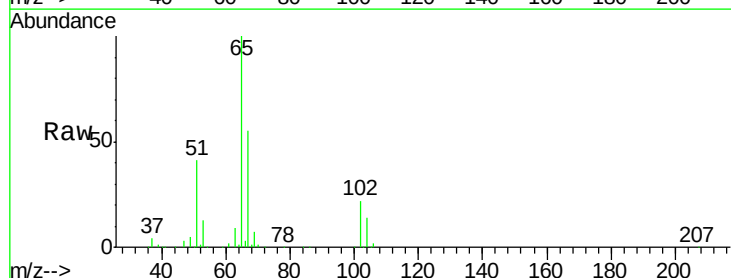
Acq: 23 Jan 2020 13:07

Tgt Ion: 65 Resp: 89453

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)

8.17

40000

30000

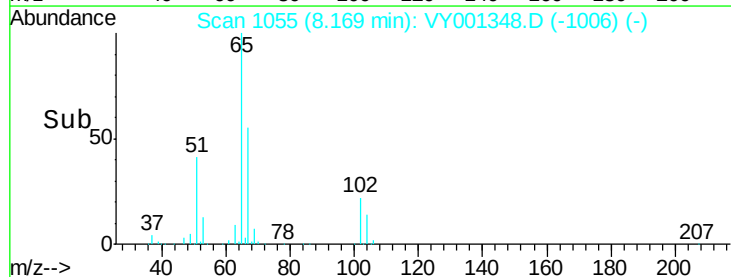
20000

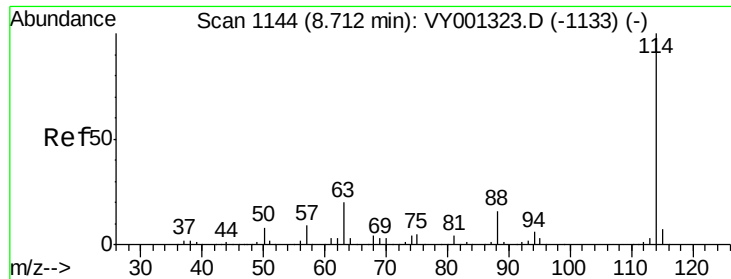
10000

0

Time-->

8.10 8.20 8.30

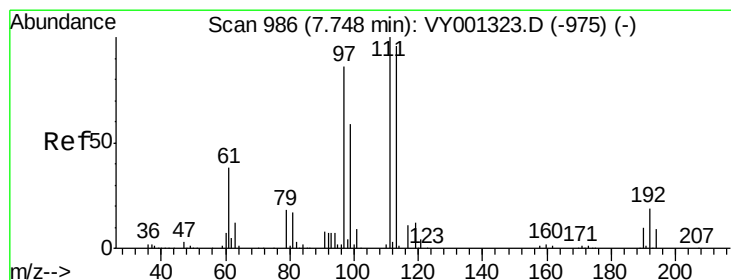
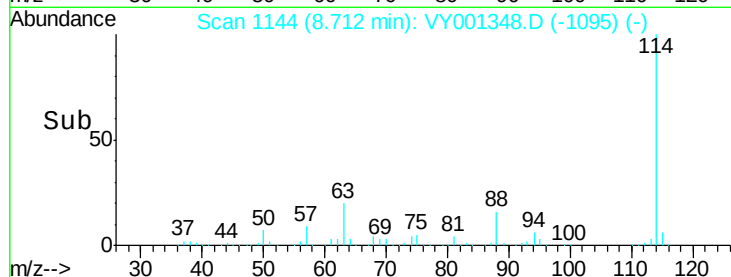
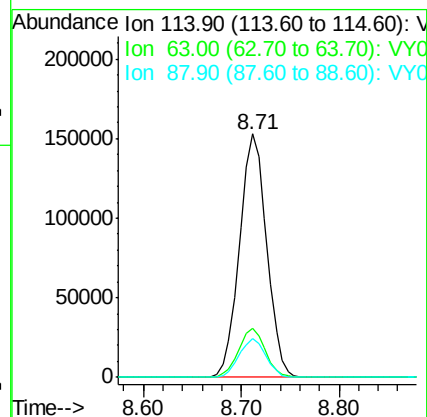
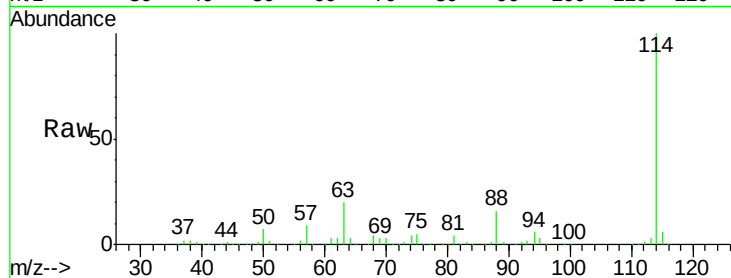




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001348.D
 Acq: 23 Jan 2020 13:07

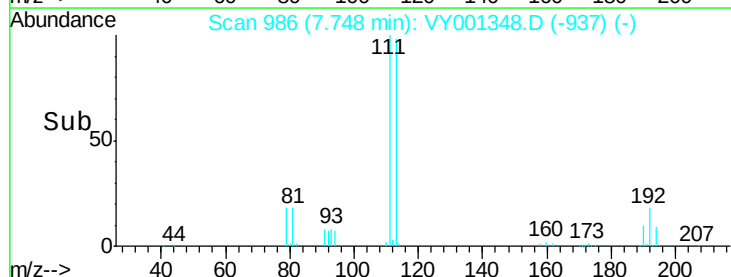
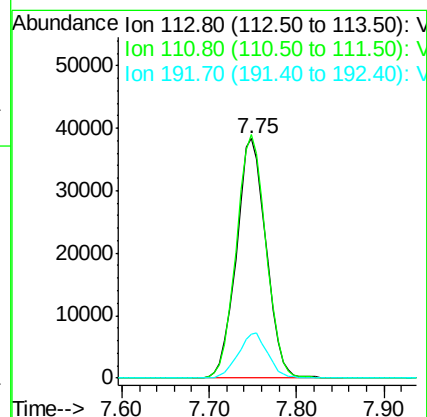
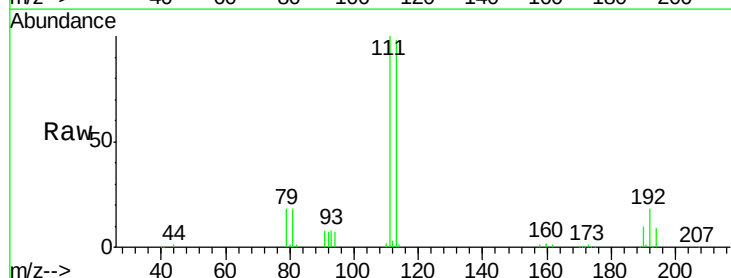
Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-A

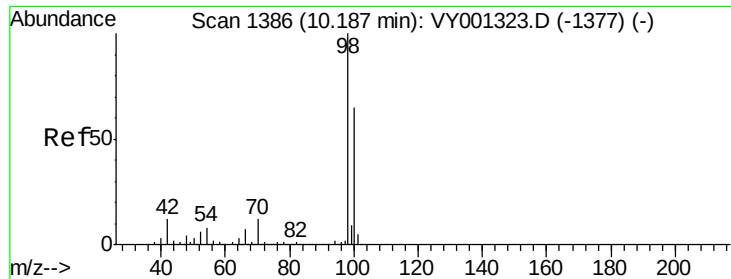
Tot Ion:114 Resp: 294521
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.1 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 52.198 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001348.D
 Acq: 23 Jan 2020 13:07

Tgt Ion:113 Resp: 90229
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.8 124.2
 192 18.7 15.5 23.3





#50

Toluene-d8

Concen: 49.530 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001348.D

Acq: 23 Jan 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

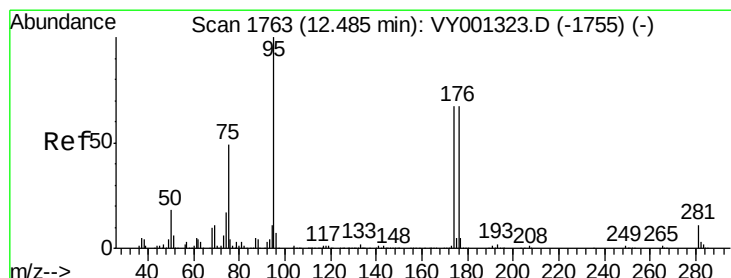
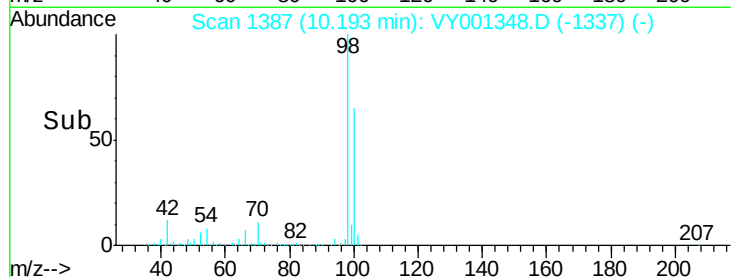
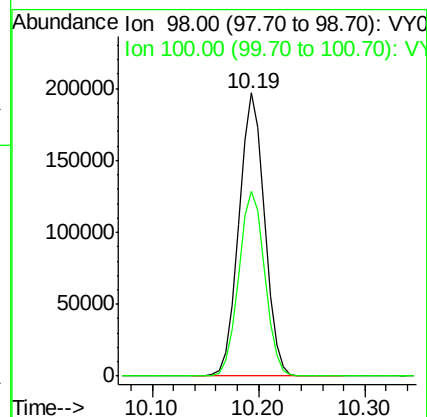
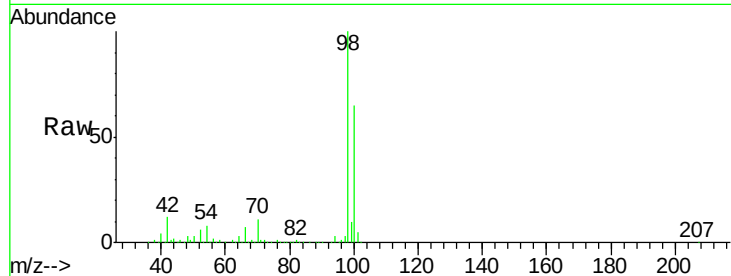
STOCK-PILE-A

Tot Ion: 98 Resp: 332638

Ion Ratio Lower Upper

98 100

100 66.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 25.624 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001348.D

Acq: 23 Jan 2020 13:07

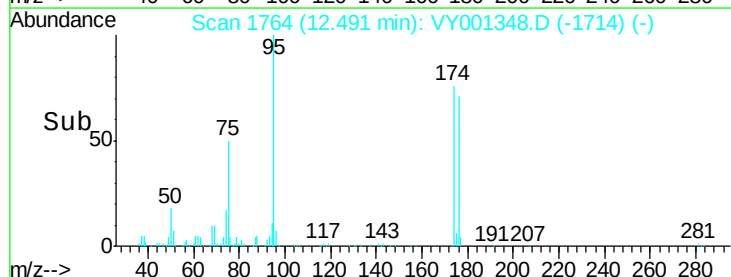
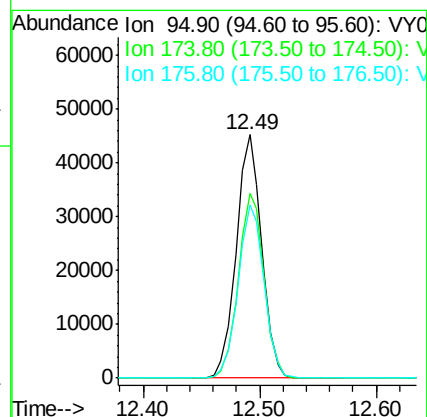
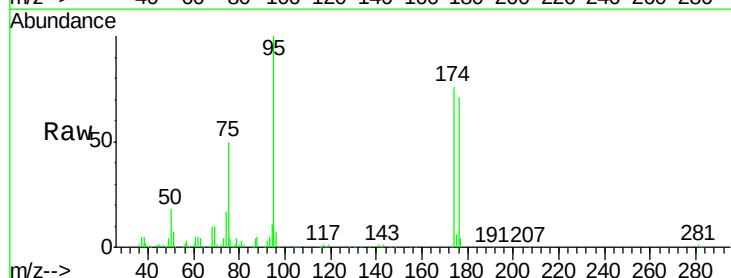
Tgt Ion: 95 Resp: 68531

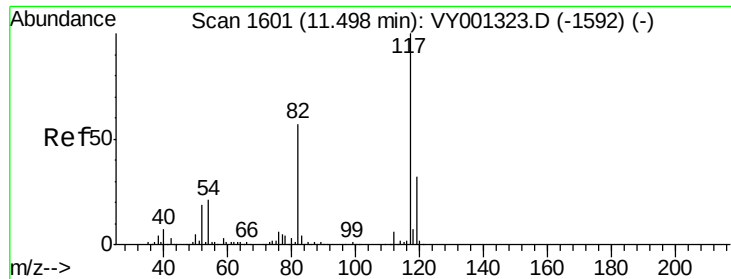
Ion Ratio Lower Upper

95 100

174 76.3 0.0 142.0

176 72.9 0.0 138.6

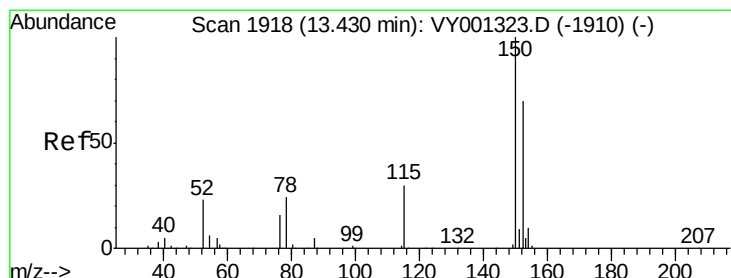
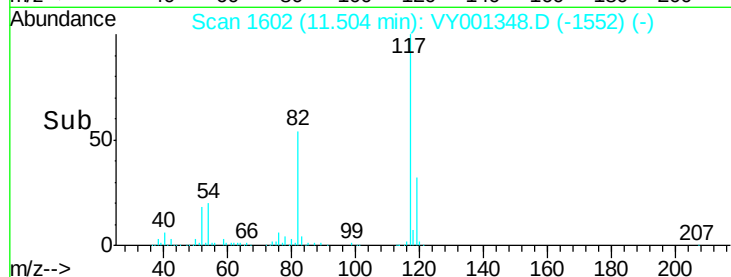
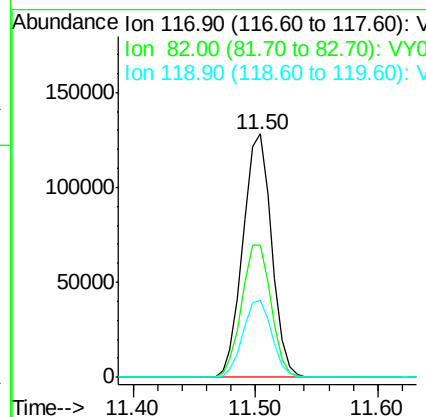
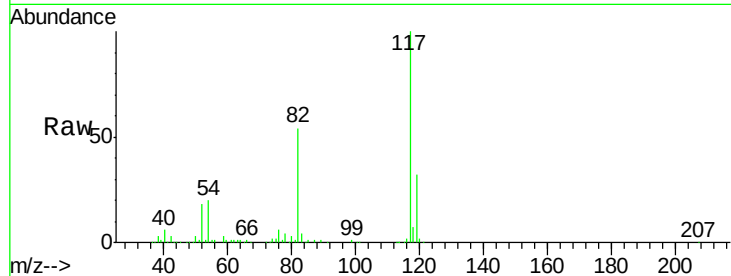




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001348.D
Acq: 23 Jan 2020 13:07

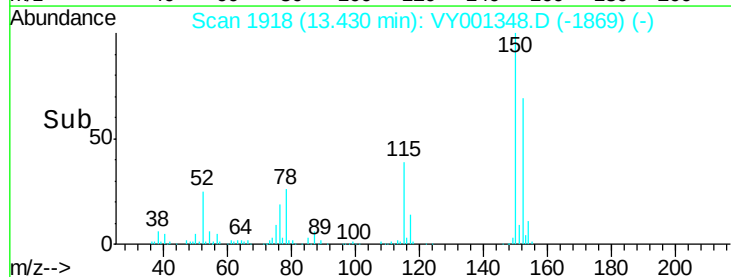
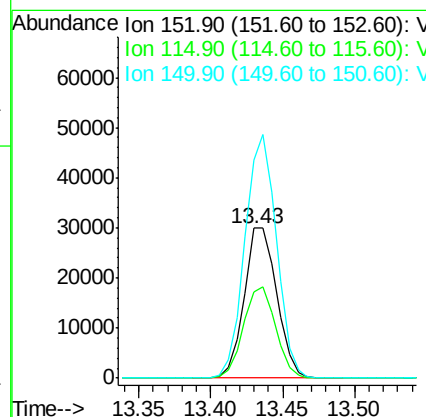
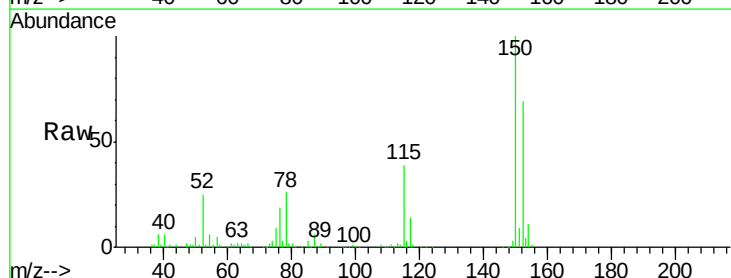
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-A

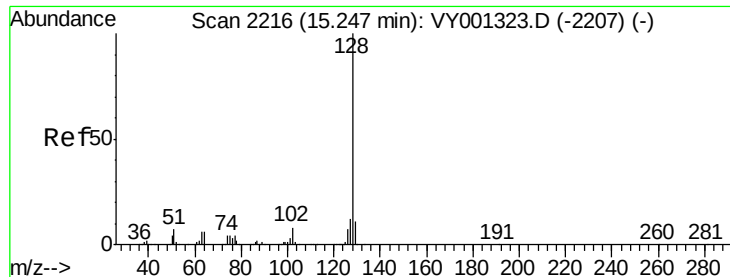
Tot Ion:117 Resp: 208038
Ion Ratio Lower Upper
117 100
82 54.2 45.5 68.3
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001348.D
Acq: 23 Jan 2020 13:07

Tgt Ion:152 Resp: 46938
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.8
150 156.9 0.0 349.2





#95

Naphthalene

Concen: 1.154 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001348.D

Acq: 23 Jan 2020 13:07

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-A

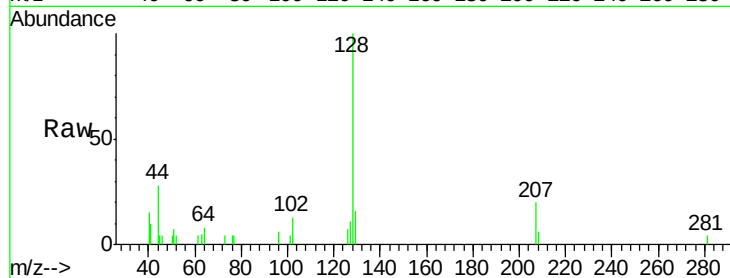
Tot Ion:128 Resp: 2580

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

129 11.8 8.7 13.1



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

