

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001354.D
 Acq On : 23 Jan 2020 15:20
 Operator : SY/MD
 Sample : L1230-01RE
 Misc : 7.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-ARE

Quant Time: Jan 24 07:58:02 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

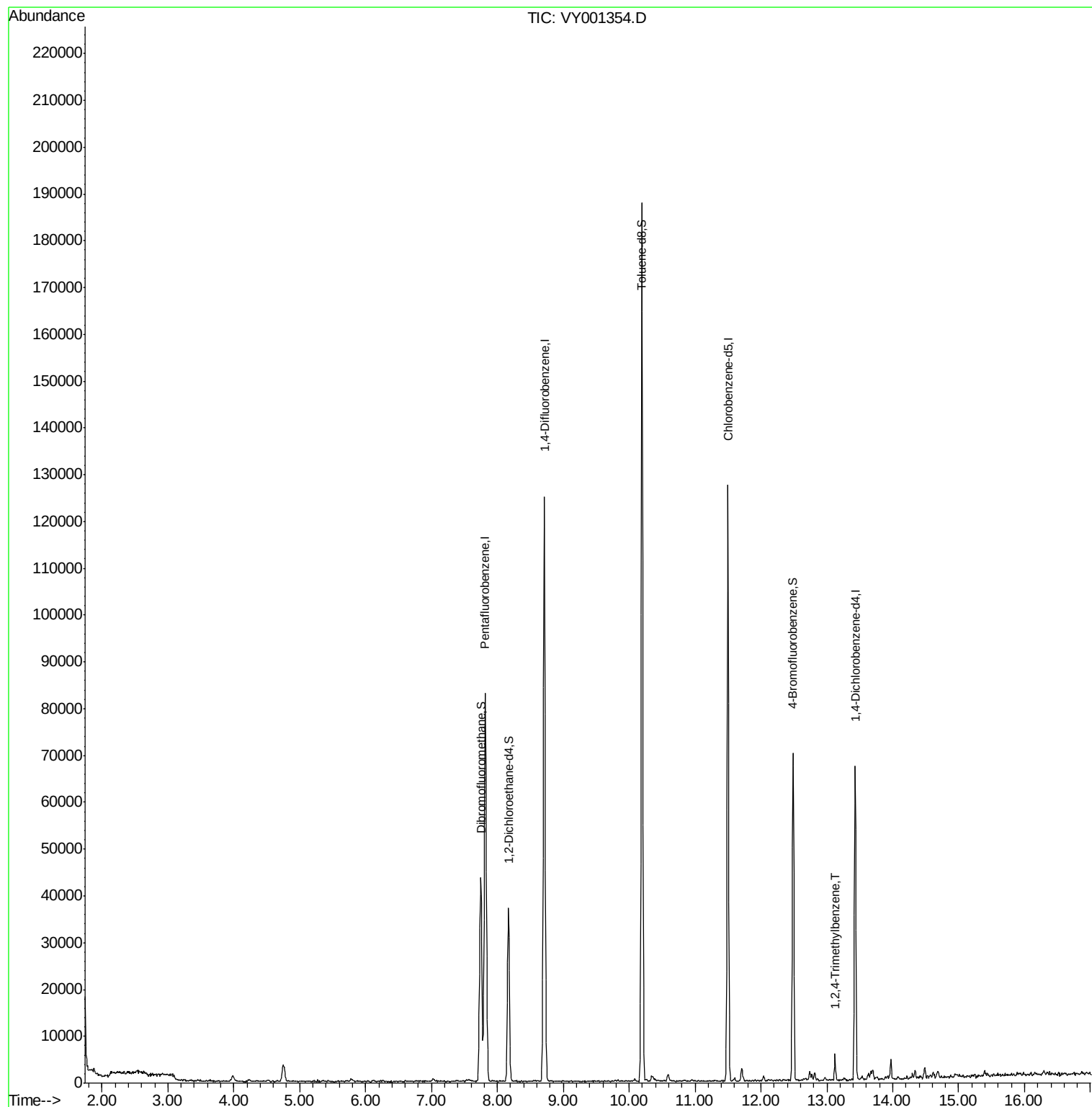
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	64293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	108725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	69831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	16470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	26196	37.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.88%	
35) Dibromofluoromethane	7.75	113	30534	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.19	98	120771	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.49	95	22884	23.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.36%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.13	105	3036	2.788	ug/l	Qvalue 99

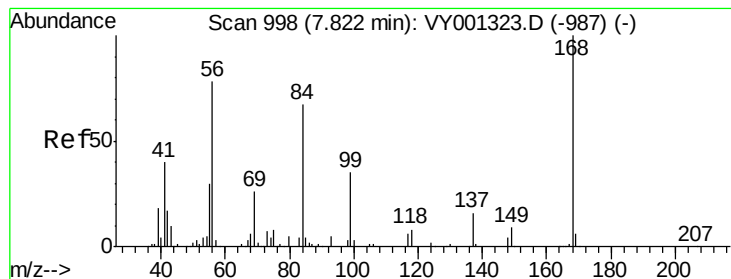
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY001354.D

Acq: 23 Jan 2020 15:20

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MSVOA_Y

ClientSampleId :

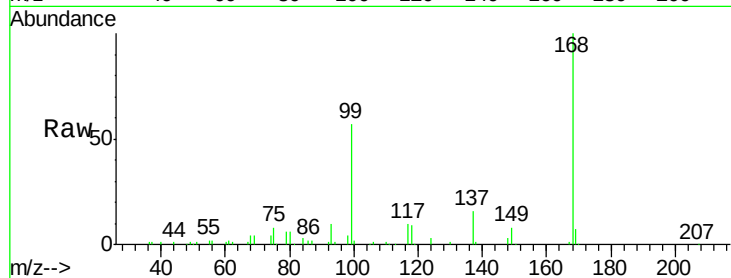
STOCK-PILE-ARE

Tot Ion:168 Resp: 64293

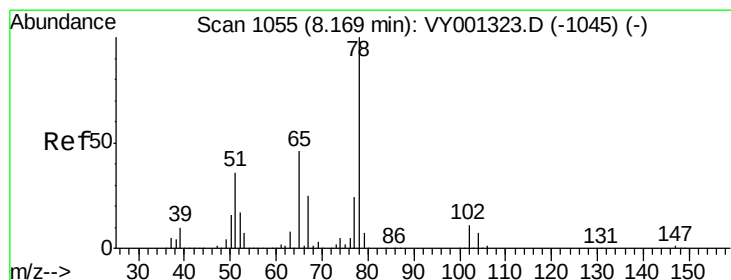
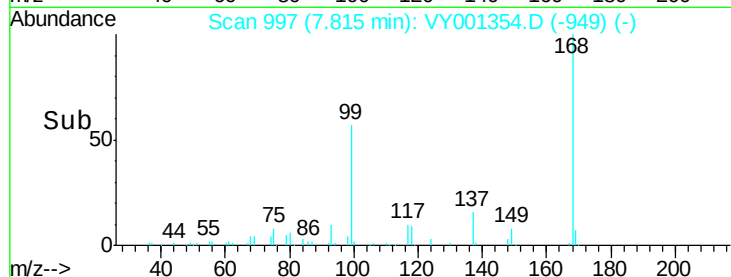
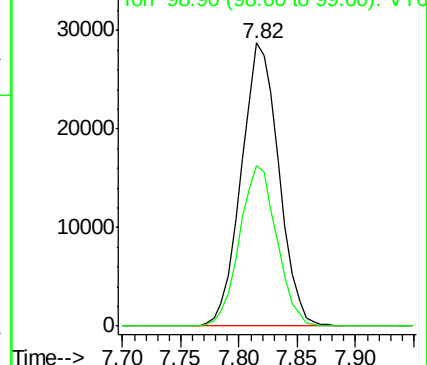
Ion Ratio Lower Upper

168 100

99 56.8 44.3 66.5



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



#33

1,2-Dichloroethane-d4

Concen: 37.444 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001354.D

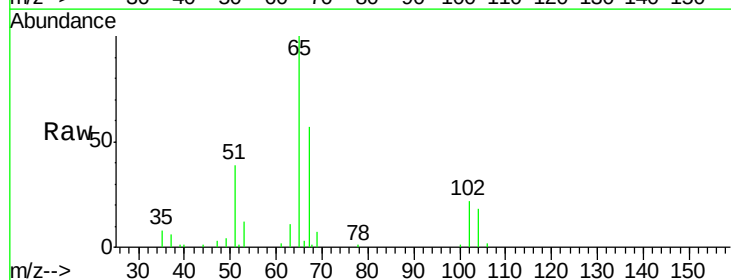
Acq: 23 Jan 2020 15:20

Tgt Ion: 65 Resp: 26196

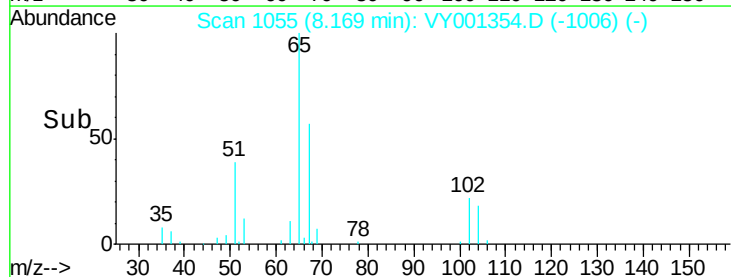
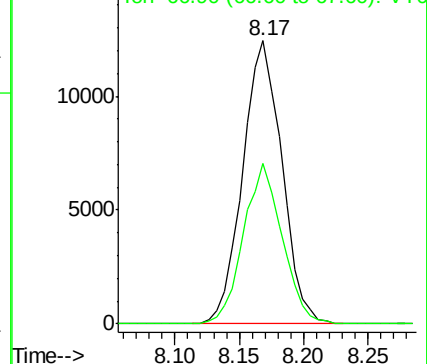
Ion Ratio Lower Upper

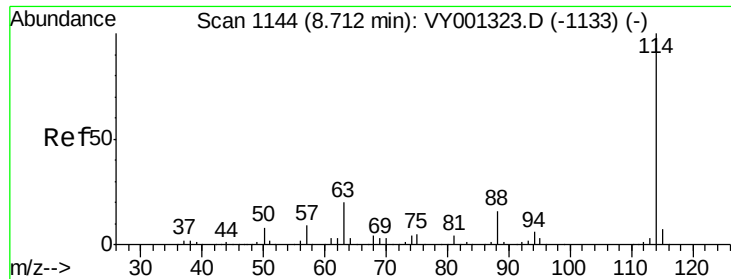
65 100

67 55.7 0.0 108.6



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

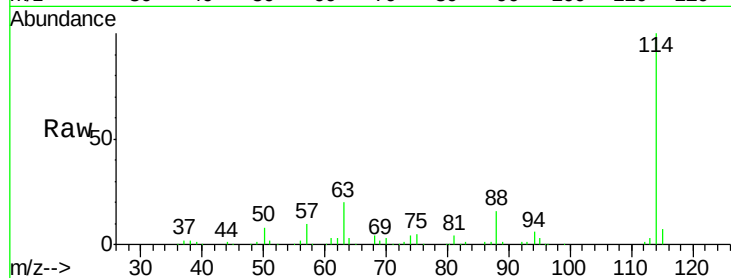




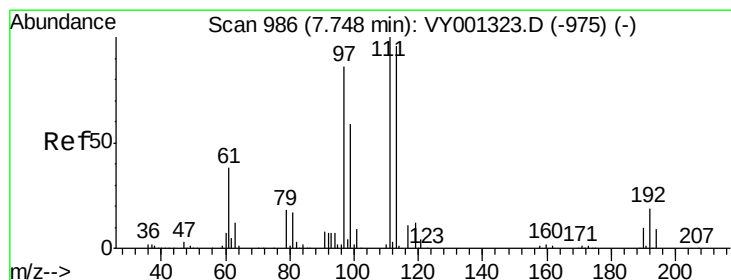
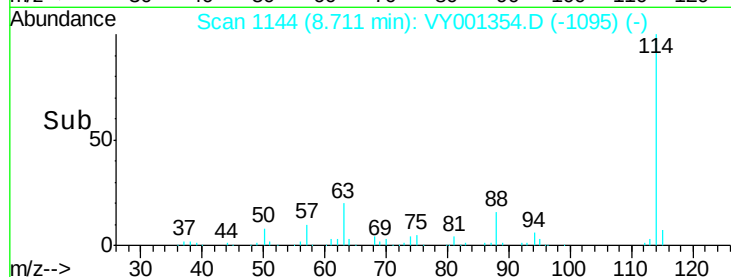
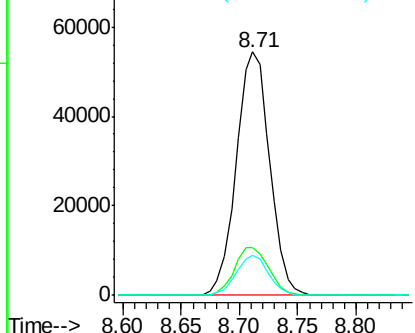
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001354.D
 Acq: 23 Jan 2020 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-ARE

Tot Ion:114 Resp: 108725
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.4 0.0 31.0

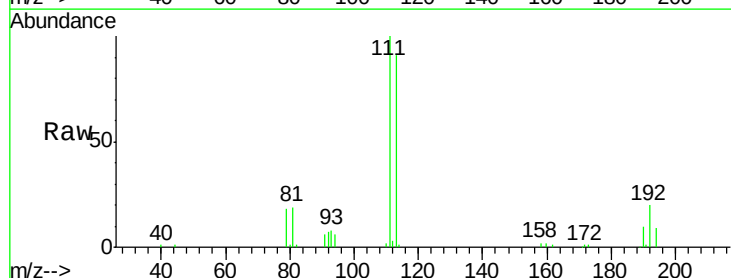


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

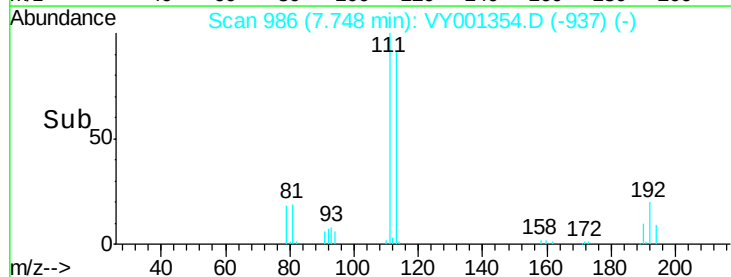
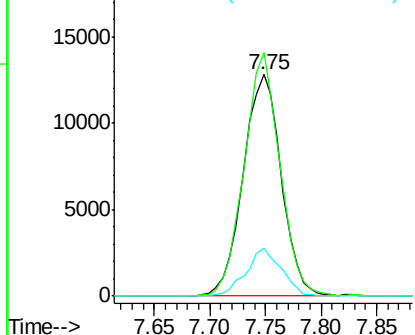


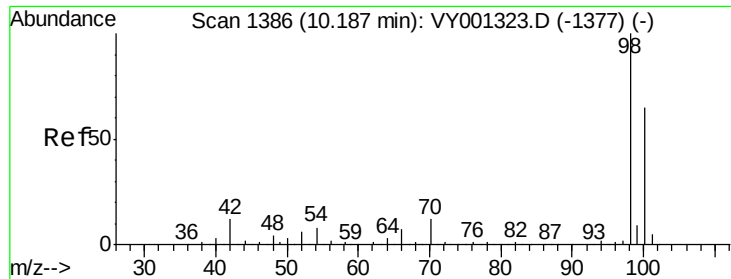
#35
 Dibromofluoromethane
 Concen: 47.850 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001354.D
 Acq: 23 Jan 2020 15:20

Tgt Ion:113 Resp: 30534
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 19.8 15.5 23.3



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





#50

Toluene-d8

Concen: 48.713 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001354.D

Acq: 23 Jan 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

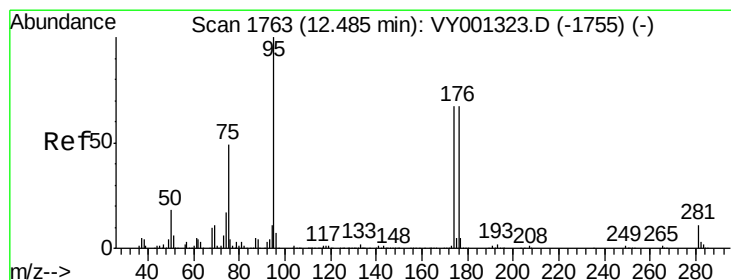
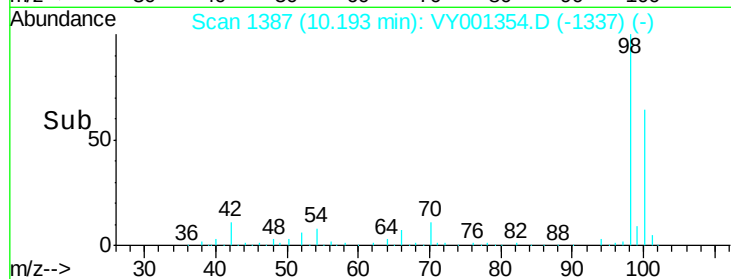
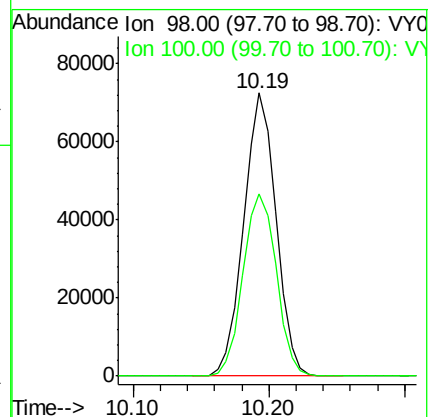
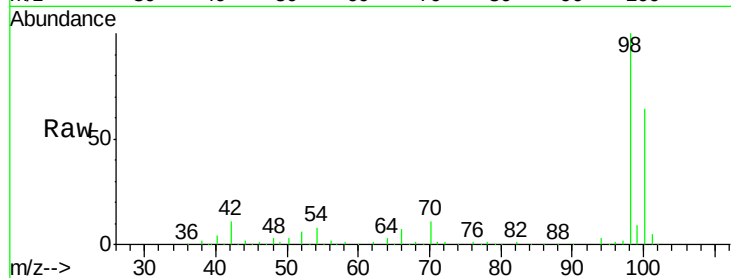
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Tot Ion: 98 Resp: 120771

Ion Ratio Lower Upper

98 100

100 66.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 23.178 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001354.D

Acq: 23 Jan 2020 15:20

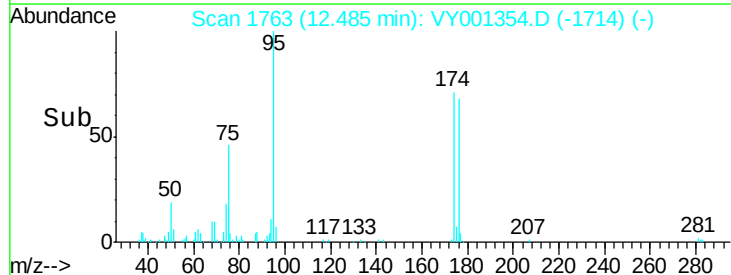
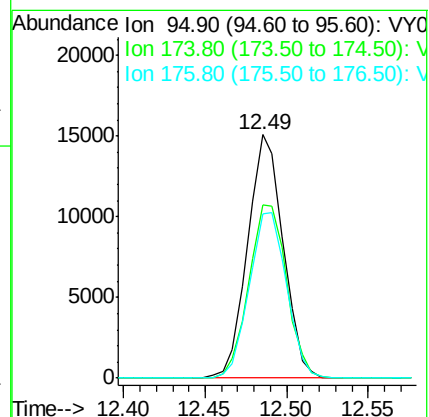
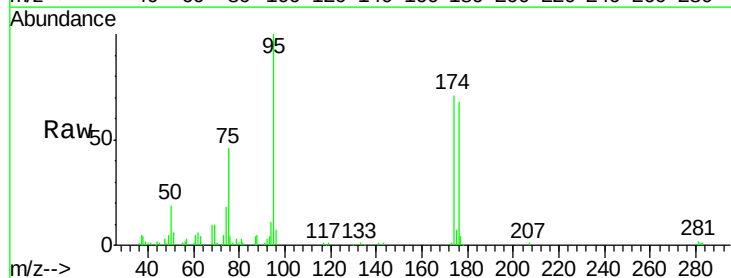
Tgt Ion: 95 Resp: 22884

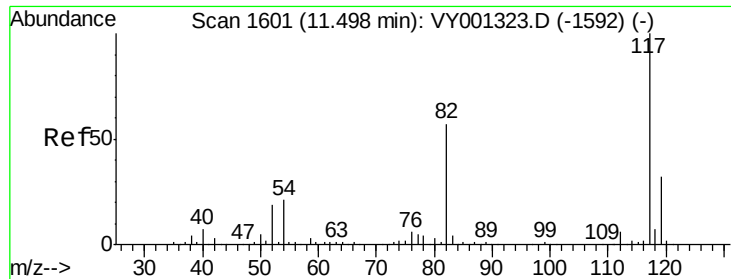
Ion Ratio Lower Upper

95 100

174 75.6 0.0 142.0

176 71.4 0.0 138.6

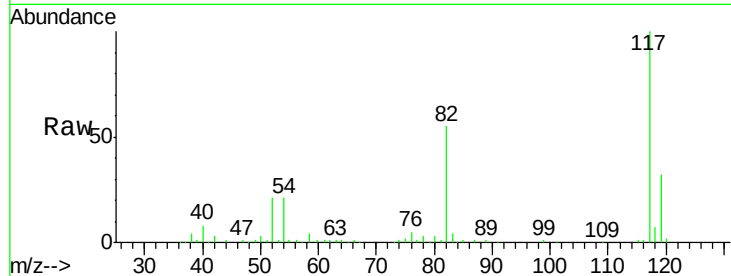




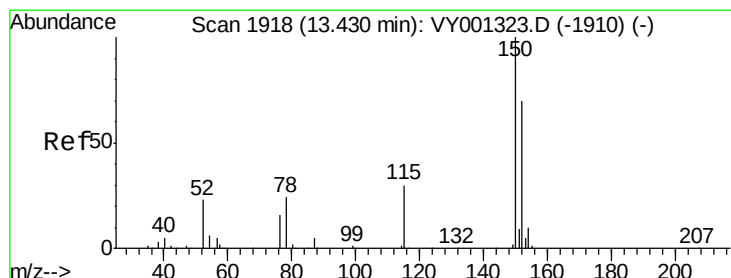
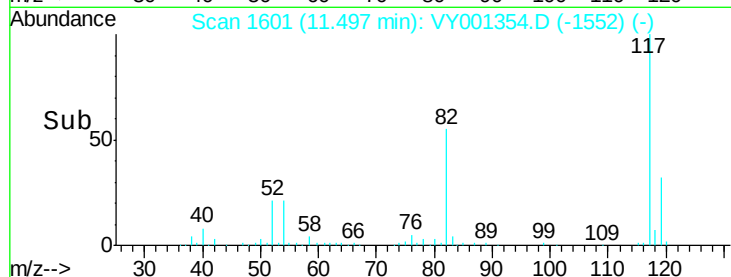
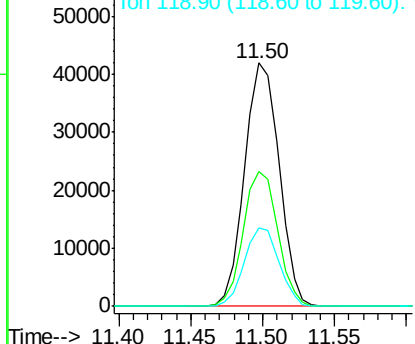
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001354.D
Acq: 23 Jan 2020 15:20

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-ARE

Tot Ion:117 Resp: 69831
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 32.4 25.8 38.6

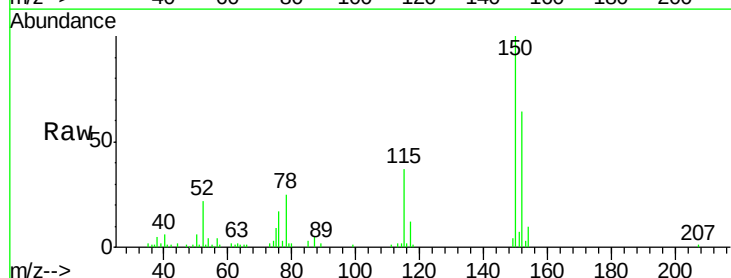


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

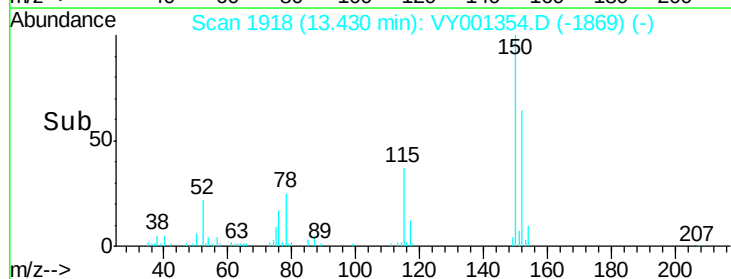
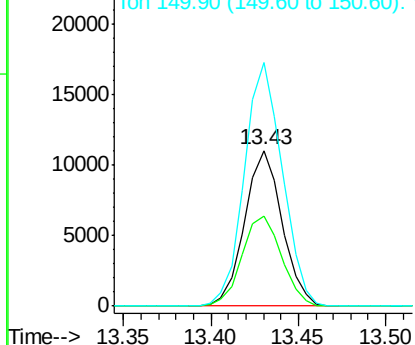


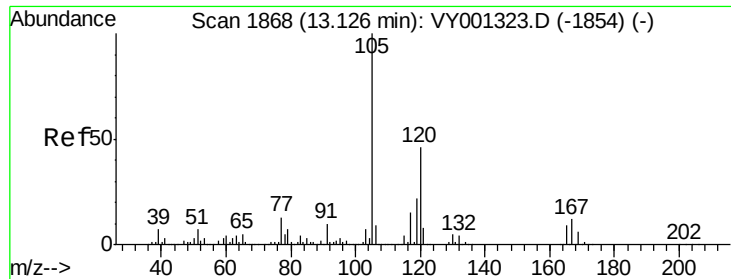
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001354.D
Acq: 23 Jan 2020 15:20

Tgt Ion:152 Resp: 16470
Ion Ratio Lower Upper
152 100
115 60.9 30.9 92.8
150 158.3 0.0 349.2



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





#84
 1,2,4-Trimethylbenzene
 Concen: 2.788 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001354.D
 Acq: 23 Jan 2020 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-ARE

Tot Ion:105 Resp: 3036
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3

