

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000365.D
 Acq On : 22 Oct 2019 15:44
 Operator : SY/MD
 Sample : K5489-01
 Misc : 6.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAIN-STOCKPILE-SLP

Quant Time: Oct 23 08:33:42 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	259692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	438333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165842	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	141827	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
35) Dibromofluoromethane	7.73	113	126723	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.18	98	502273	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	161683	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	

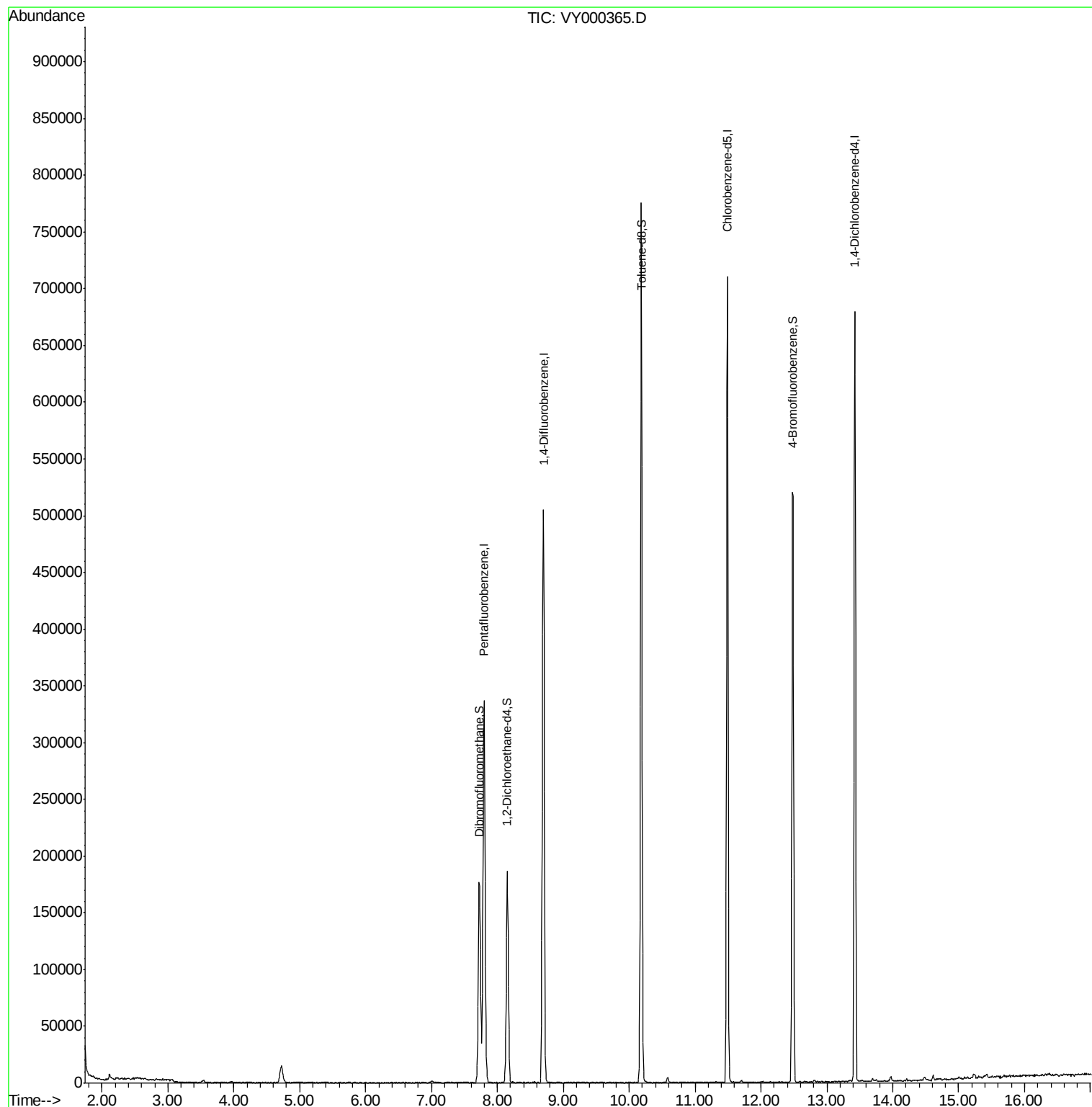
Target Compounds	Qvalue
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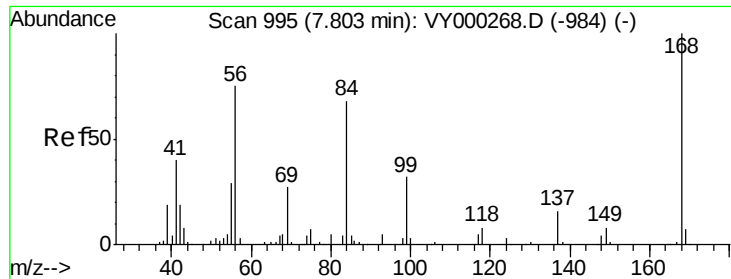
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

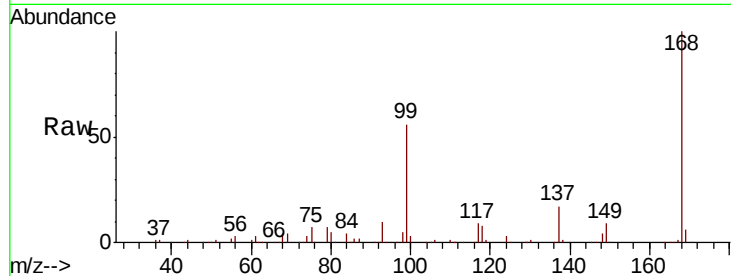
MAIN-STOCKPILE-SLP

Tot Ion:168 Resp: 259692

Ion Ratio Lower Upper

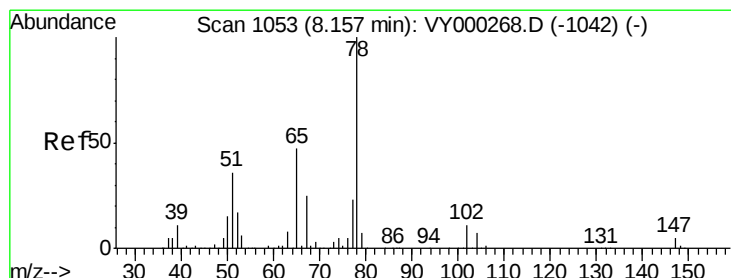
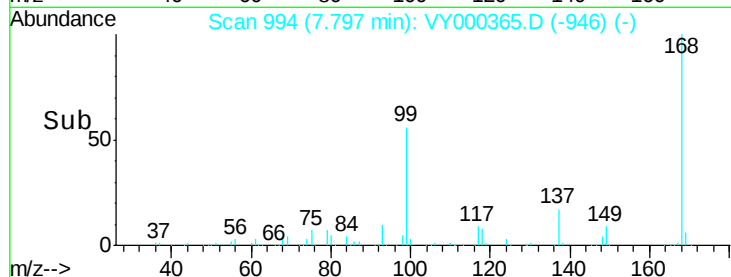
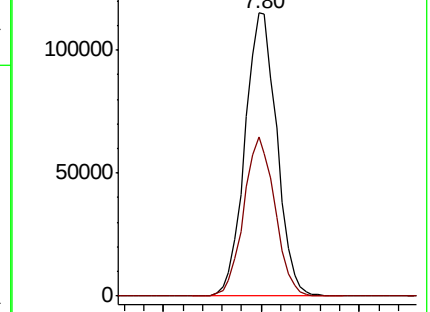
168 100

99 56.4 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000365.D

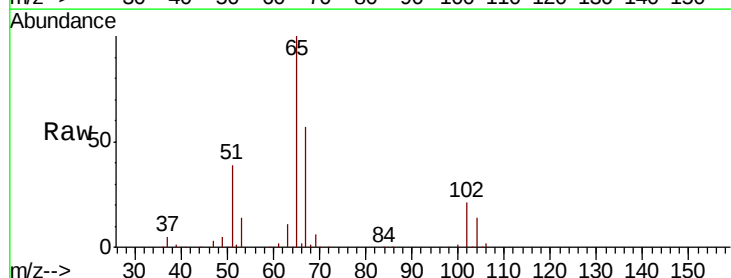
Acq: 22 Oct 2019 15:44

Tgt Ion: 65 Resp: 141827

Ion Ratio Lower Upper

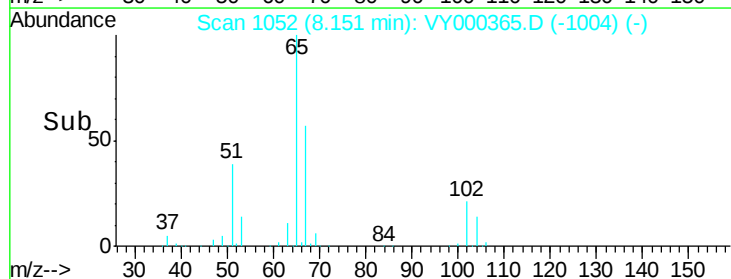
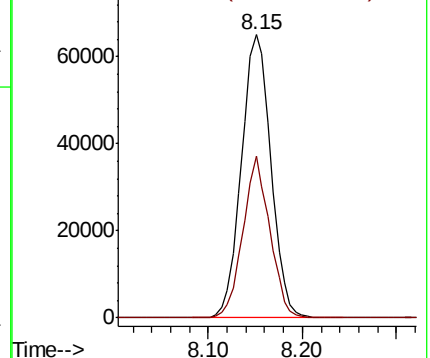
65 100

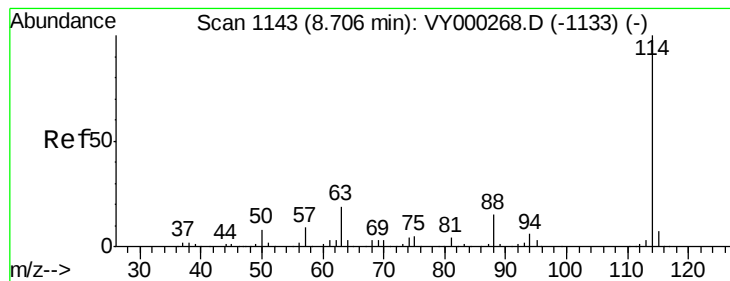
67 52.0 0.0 109.4



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

MAIN-STOCKPILE-SLP

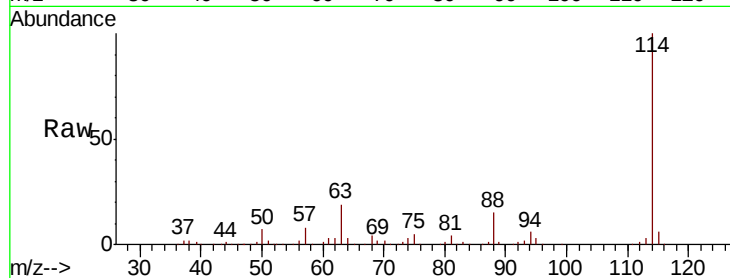
Tot Ion:114 Resp: 438333

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.2

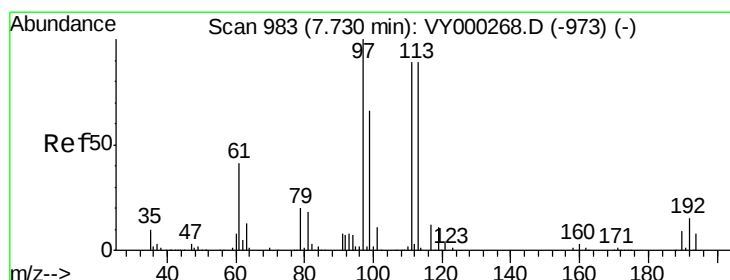
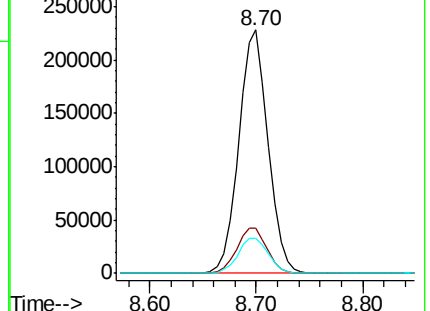
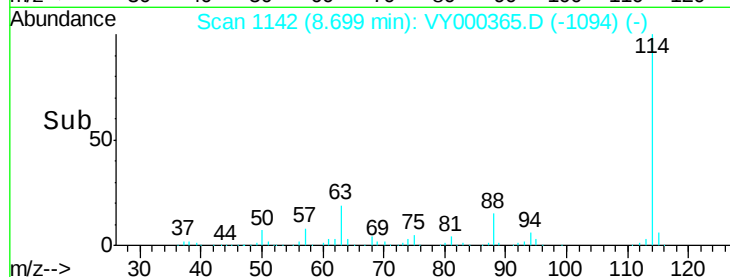
88 14.6 0.0 30.2



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: 47.927 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

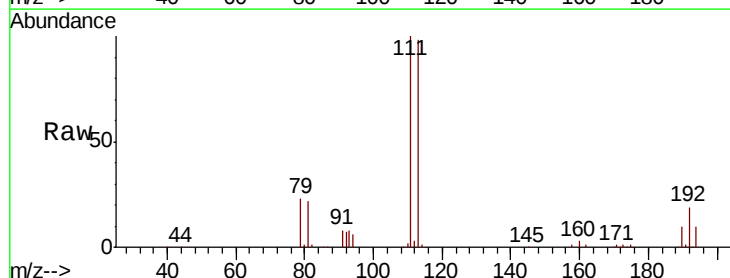
Tgt Ion:113 Resp: 126723

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

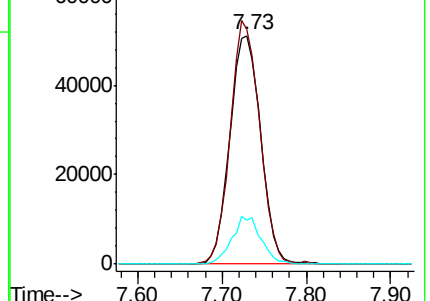
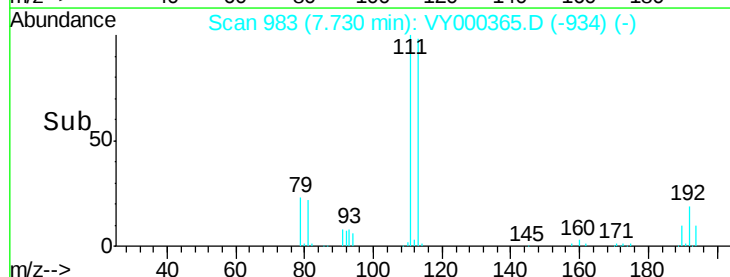
192 19.6 15.3 22.9

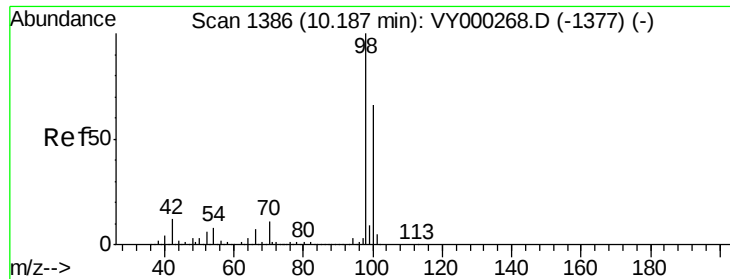


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.383 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

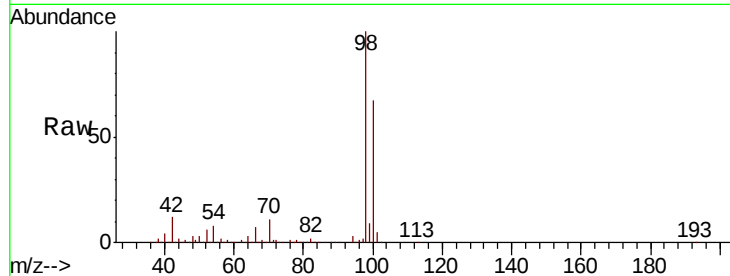
MAIN-STOCKPILE-SLP

Tot Ion: 98 Resp: 502273

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

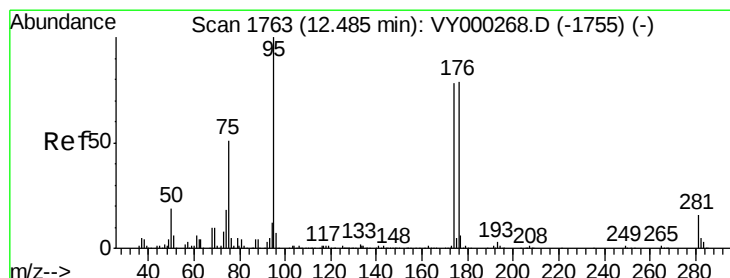
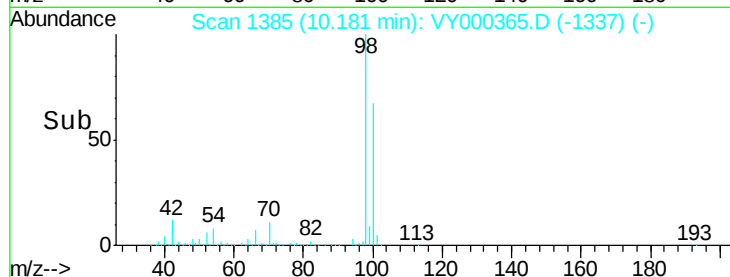
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.843 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

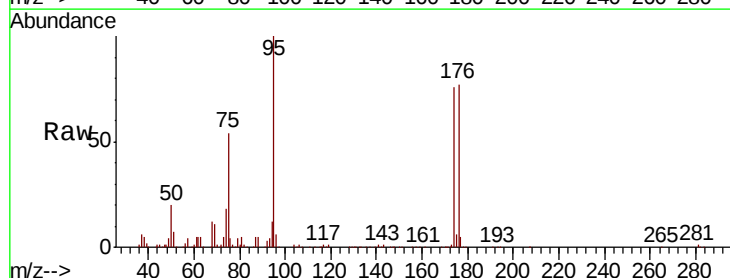
Tgt Ion: 95 Resp: 161683

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.6

176 80.5 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

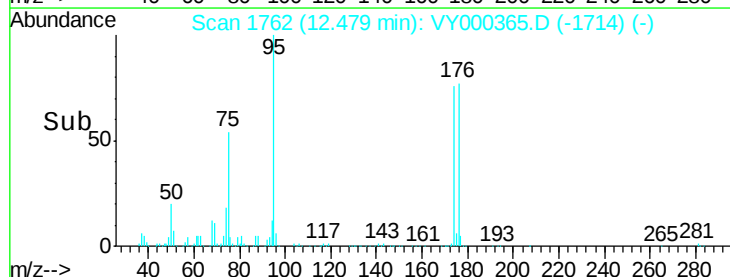
12.48

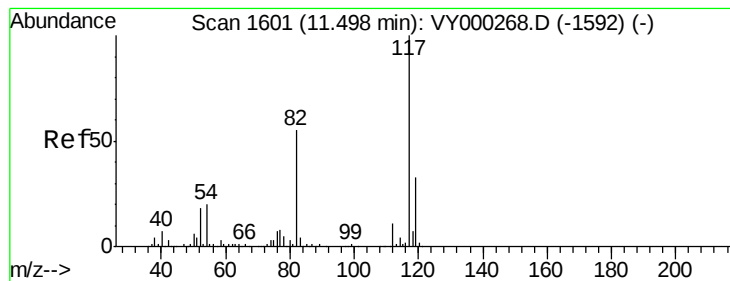
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

Instrument :

MSVOA_Y

ClientSampleId :

MAIN-STOCKPILE-SLP

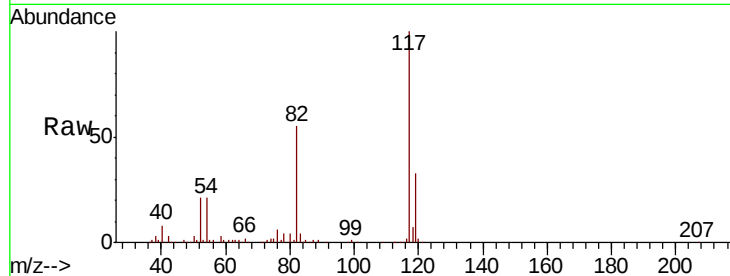
Tot Ion:117 Resp: 372602

Ion Ratio Lower Upper

117 100

82 55.2 43.7 65.5

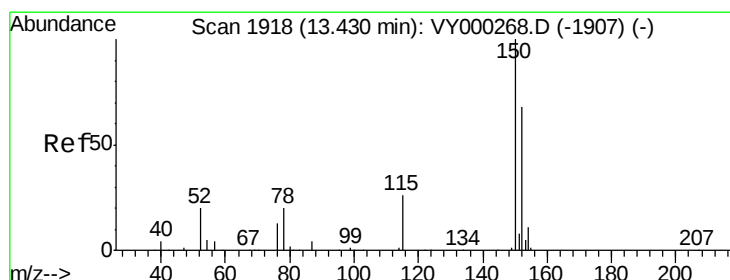
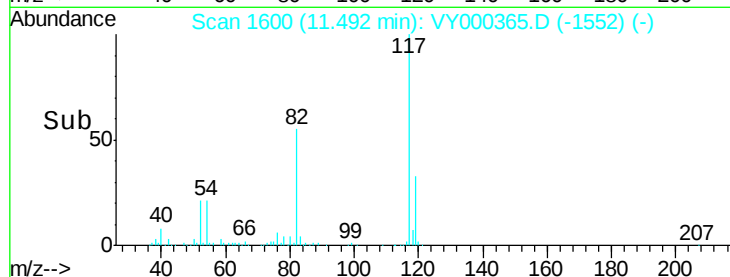
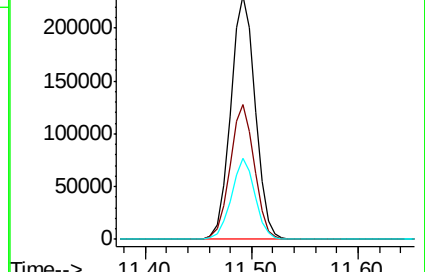
119 33.2 26.6 39.8



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. -0.01 min

Lab File: VY000365.D

Acq: 22 Oct 2019 15:44

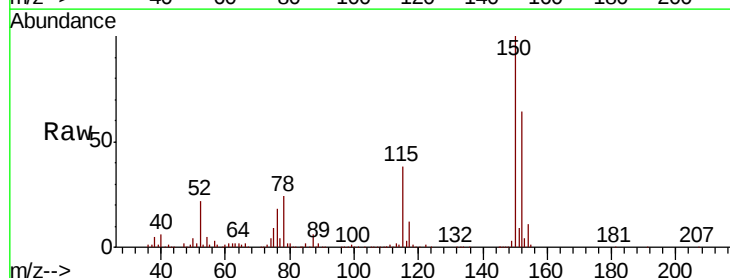
Tgt Ion:152 Resp: 165842

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 155.6 0.0 348.4



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

