

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001616.D
 Acq On : 12 Feb 2020 17:35
 Operator : SY/MD
 Sample : TEST-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 08:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

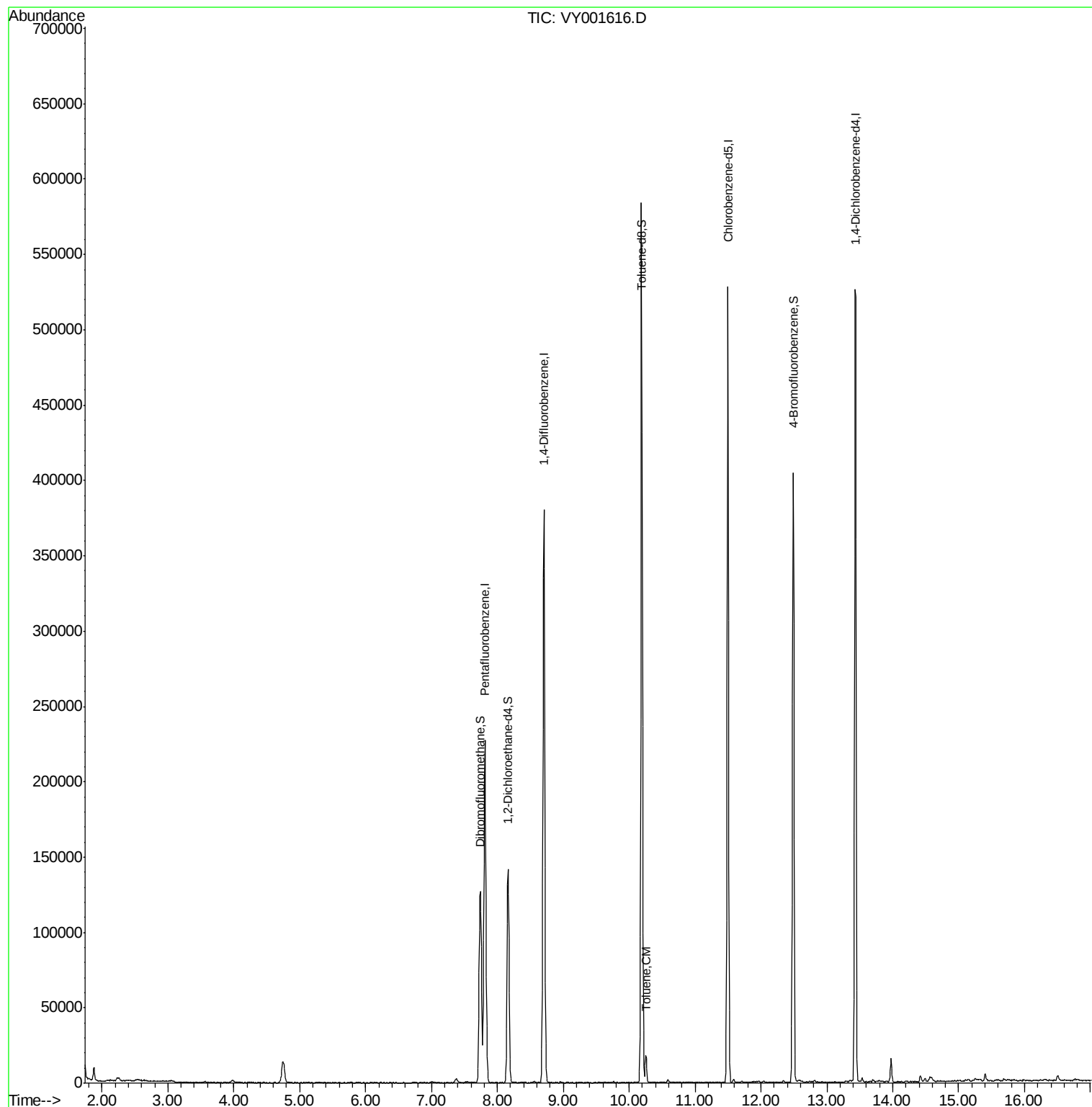
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	172999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	284168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	106859	61.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.70%	
35) Dibromofluoromethane	7.74	113	93004	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.19	98	381690	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.49	95	132232	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
52) Toluene	10.25	92	7654	1.447	ug/l	Qvalue 96

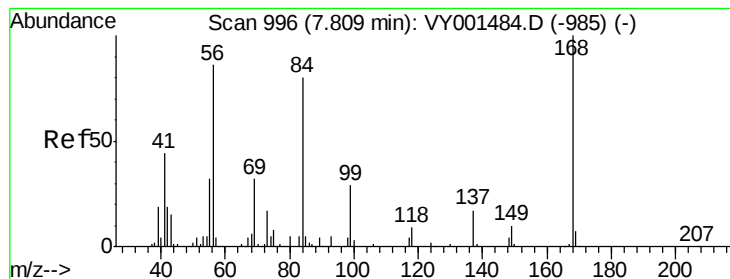
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

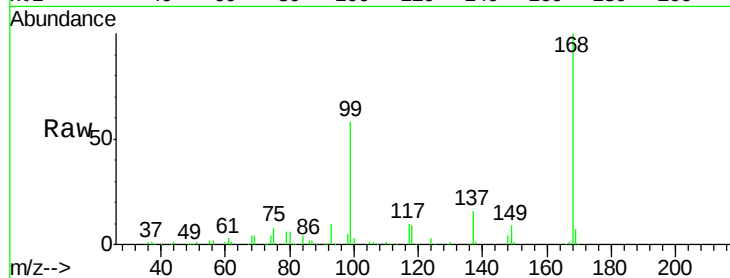
ClientSampled :

Tot Ion:168 Resp: 172999

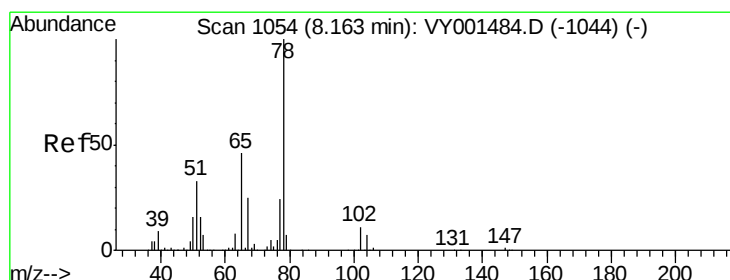
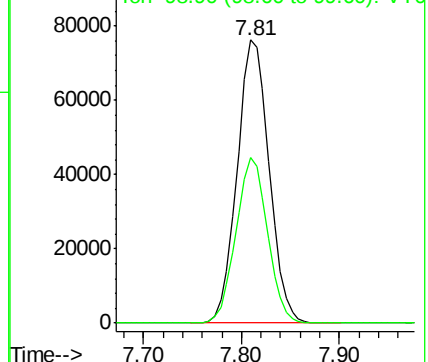
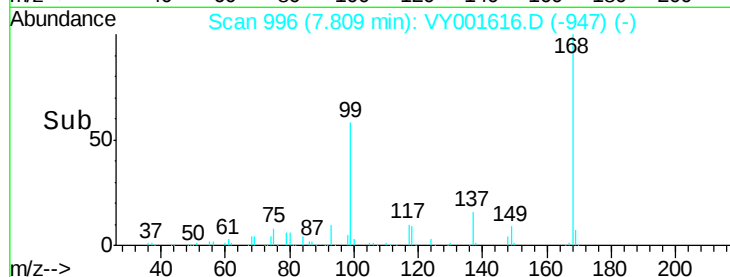
Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001616.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.348 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001616.D

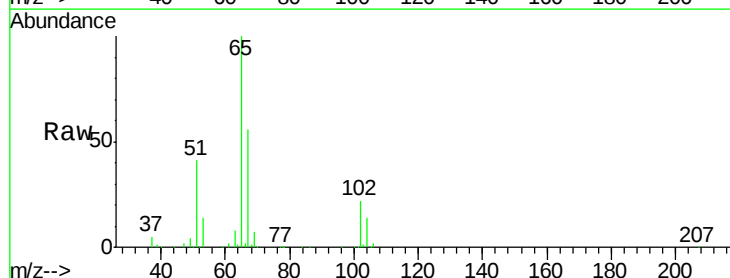
Acq: 12 Feb 2020 17:35

Tgt Ion: 65 Resp: 106859

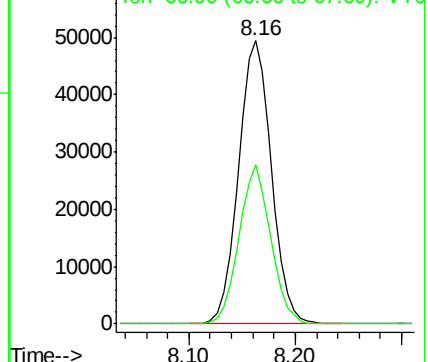
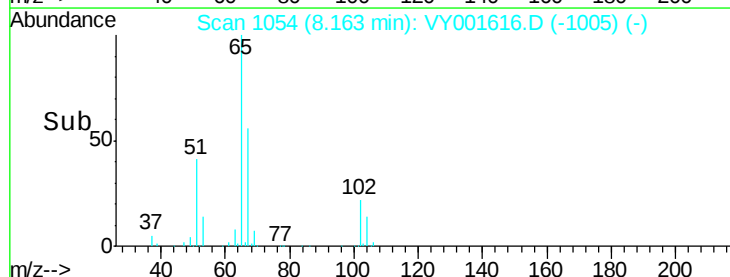
Ion Ratio Lower Upper

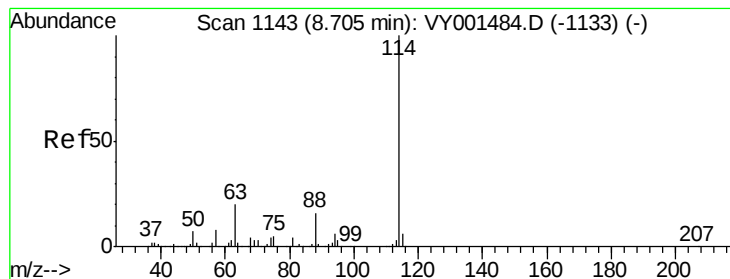
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001616.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

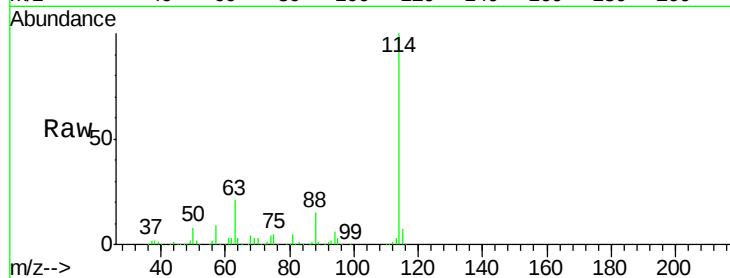
Tot Ion:114 Resp: 319397

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

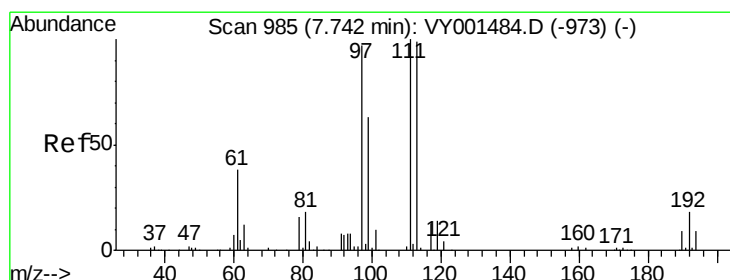
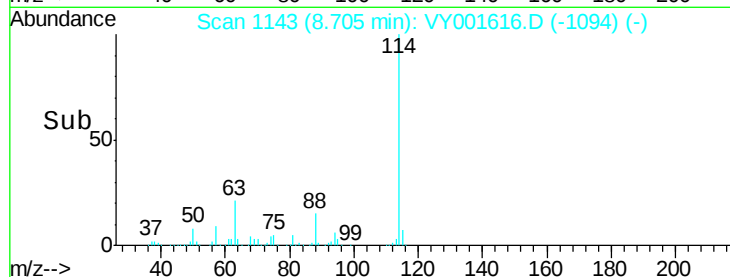
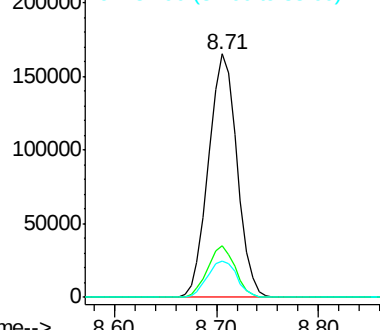
88 15.0 0.0 32.6



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: 50.496 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

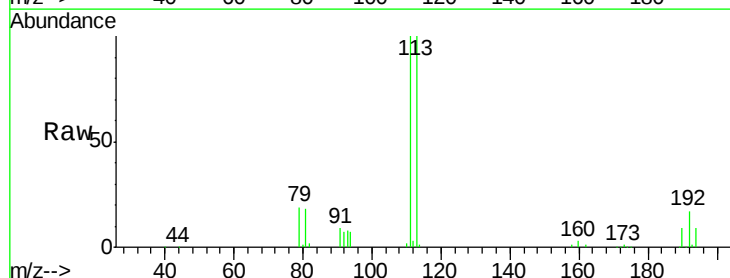
Tgt Ion:113 Resp: 93004

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

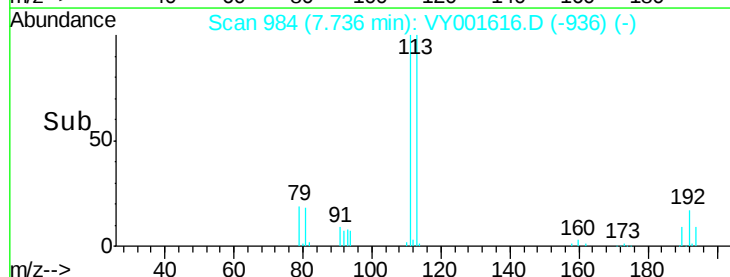
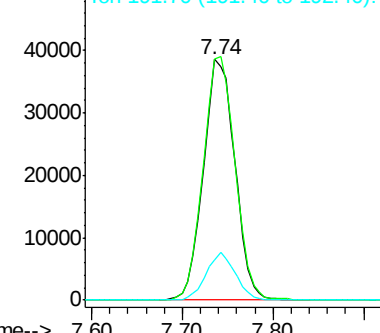
192 18.5 14.6 22.0

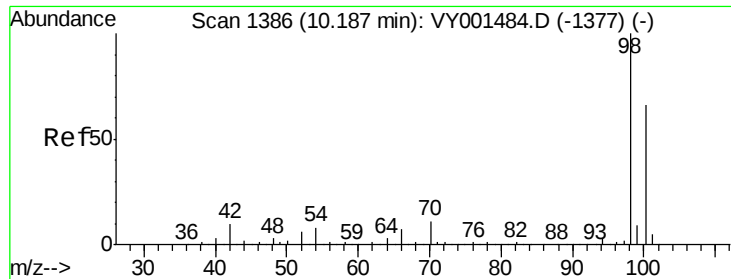


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.775 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

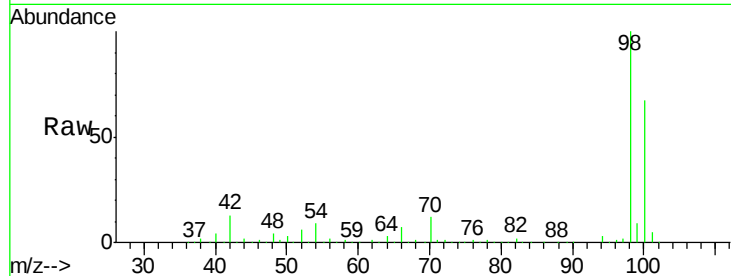
ClientSampleId :

Tot Ion: 98 Resp: 381690

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

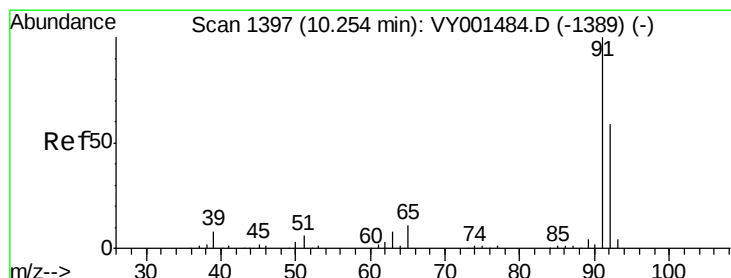
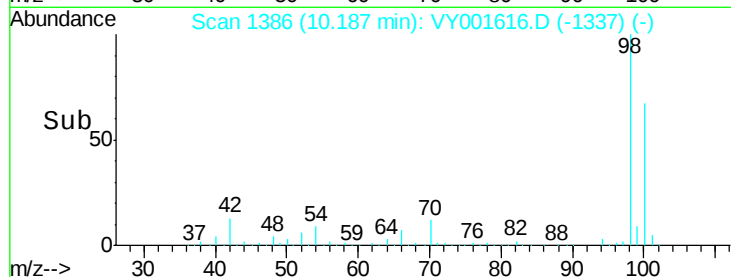
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 1.447 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001616.D

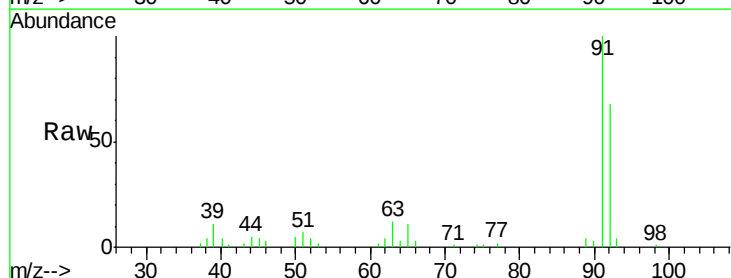
Acq: 12 Feb 2020 17:35

Tgt Ion: 92 Resp: 7654

Ion Ratio Lower Upper

92 100

91 165.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

8000

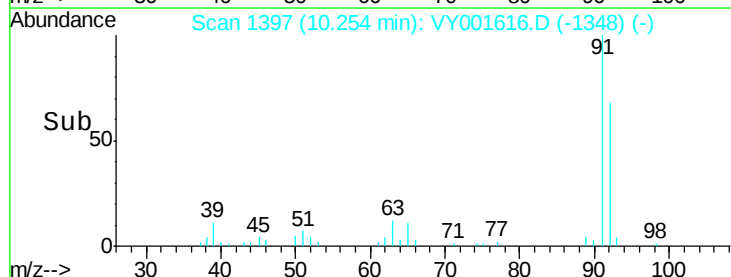
6000

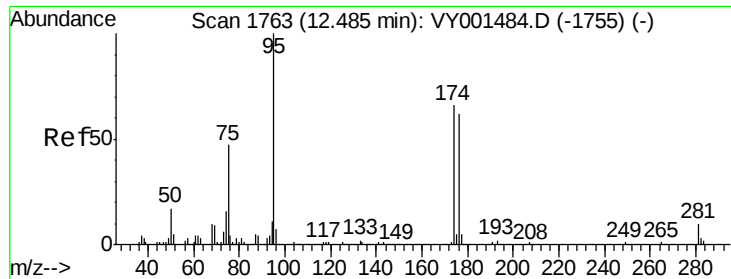
4000

2000

0

Time-->

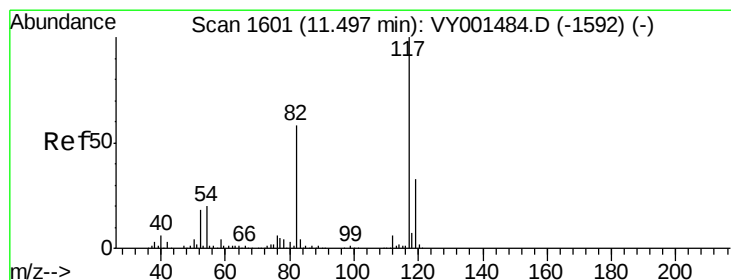
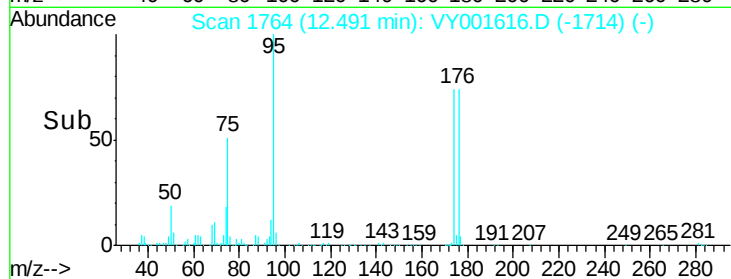
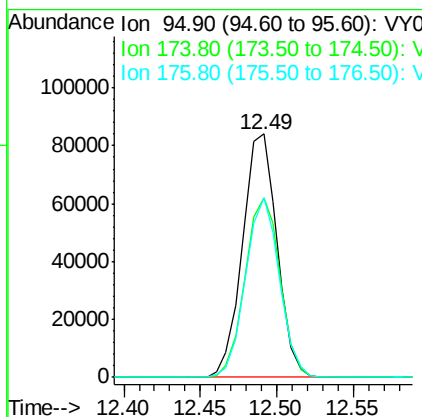
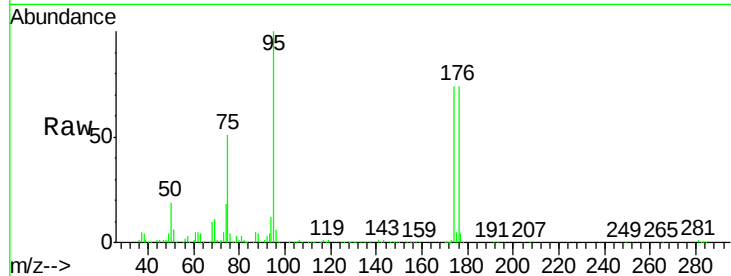




#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001616.D
Acq: 12 Feb 2020 17:35

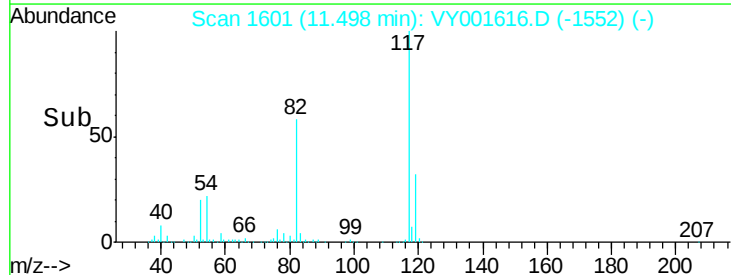
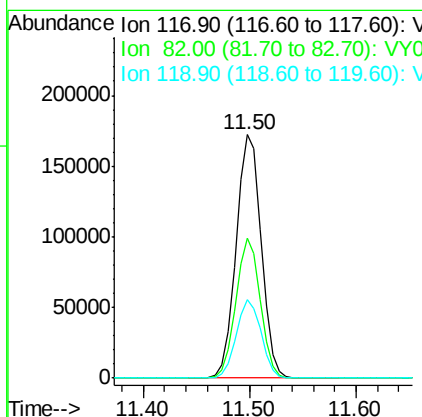
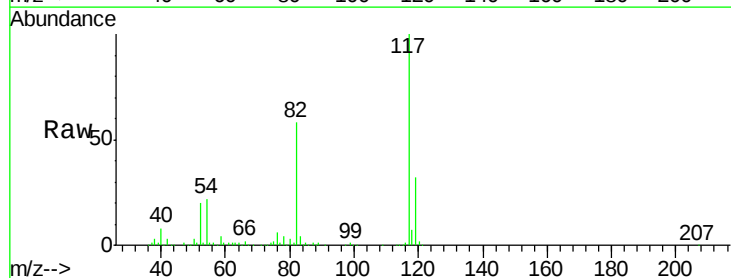
Instrument :
MSVOA_Y
ClientSampled :

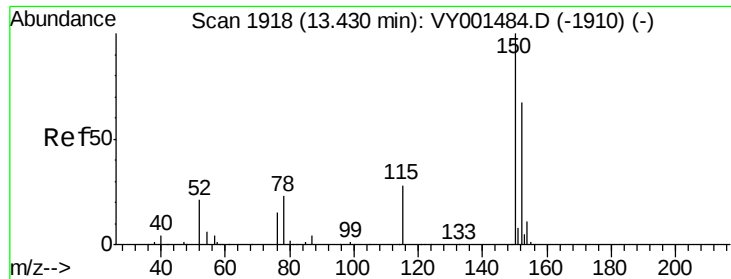
Tot Ion: 95 Resp: 132232
Ion Ratio Lower Upper
95 100
174 74.6 0.0 141.4
176 72.1 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001616.D
Acq: 12 Feb 2020 17:35

Tgt Ion: 117 Resp: 284168
Ion Ratio Lower Upper
117 100
82 57.5 46.1 69.1
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001616.D

Acq: 12 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

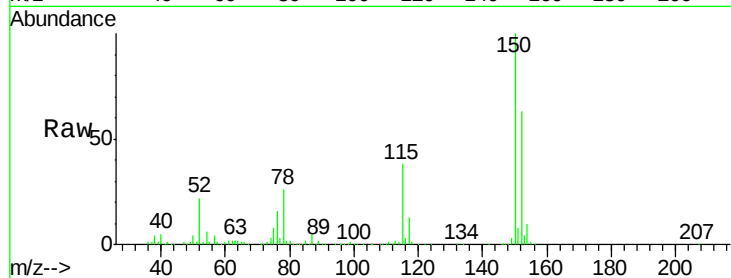
Tot Ion:152 Resp: 128874

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.3

150 159.1 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

