

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000076.D
 Acq On : 19 Sep 2019 14:48
 Operator : SY/MD
 Sample : K4878-04
 Misc : 5.40g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-6-2

Quant Time: Sep 20 02:25:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	107515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	213887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	155954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	46656	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	63105	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	7.72	113	61082	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	10.18	98	234225	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.48	95	61607	32.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.24%	

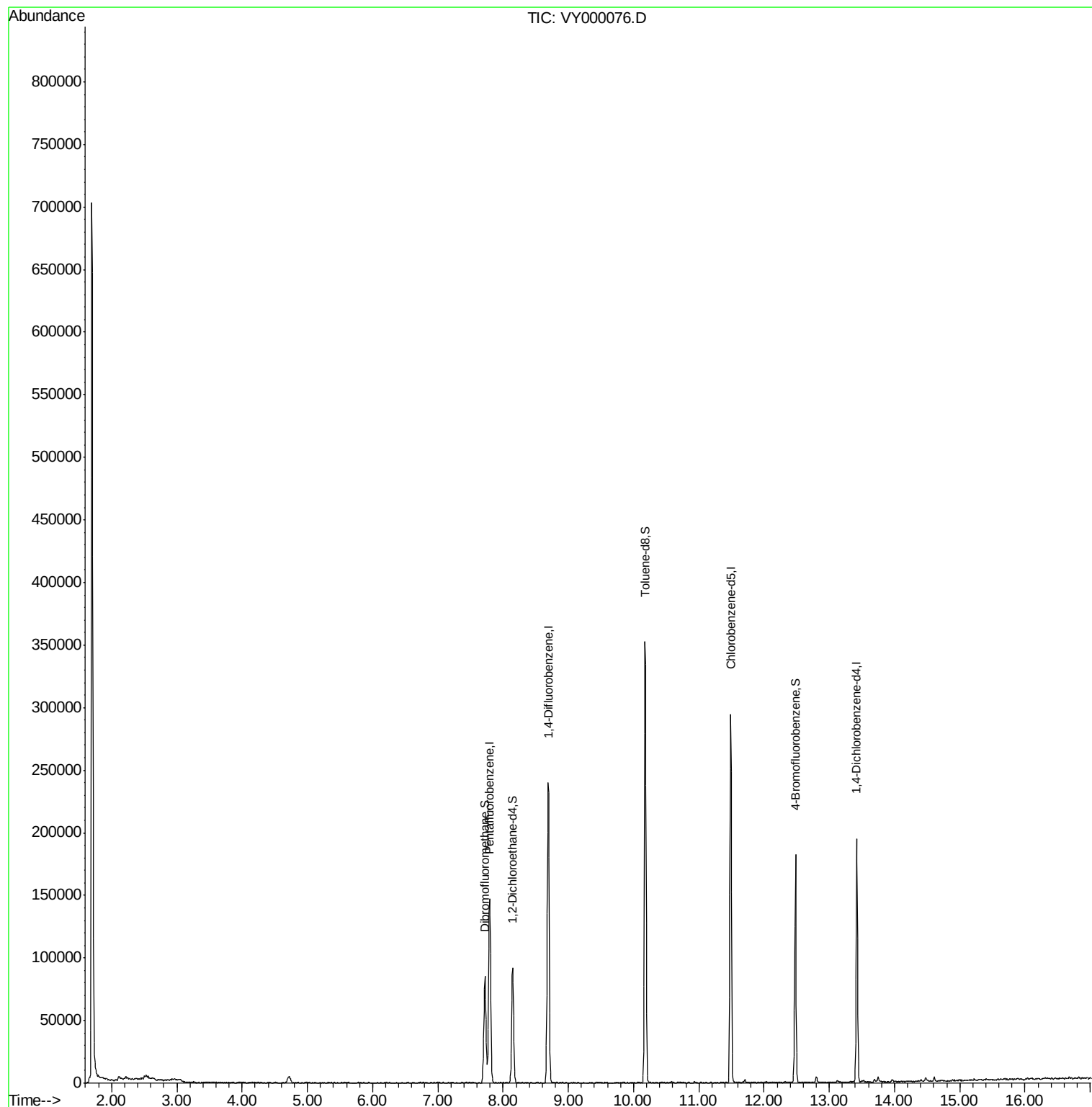
Target Compounds	Qvalue

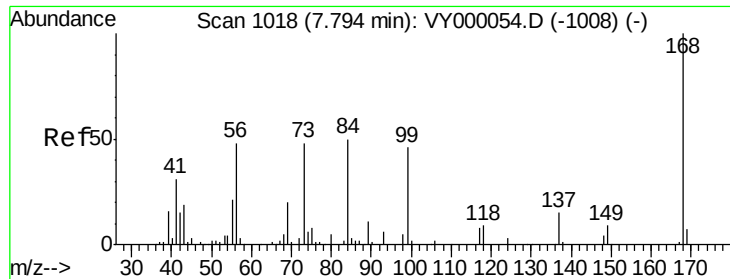
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000076.D

Acq: 19 Sep 2019 14:48

Instrument :

MSVOA_Y

ClientSampled :

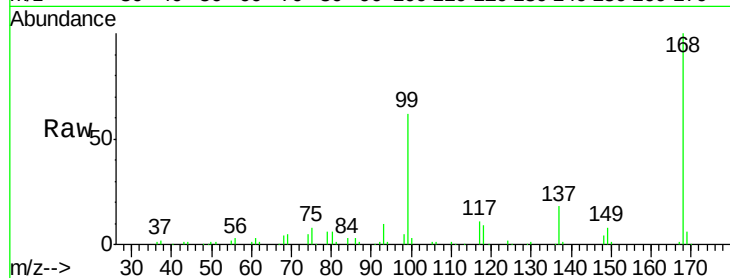
CSA-2-6-2

Tot Ion:168 Resp: 107515

Ion Ratio Lower Upper

168 100

99 62.2 44.2 66.2

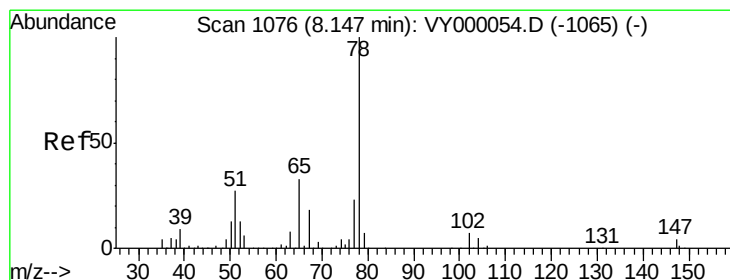
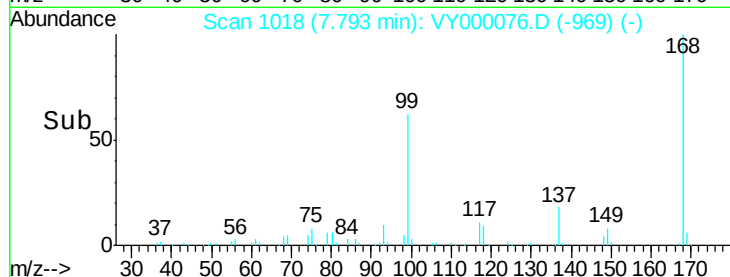


Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.016 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000076.D

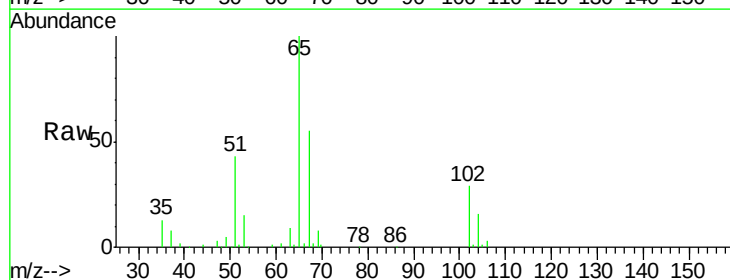
Acq: 19 Sep 2019 14:48

Tgt Ion: 65 Resp: 63105

Ion Ratio Lower Upper

65 100

67 52.7 0.0 111.0

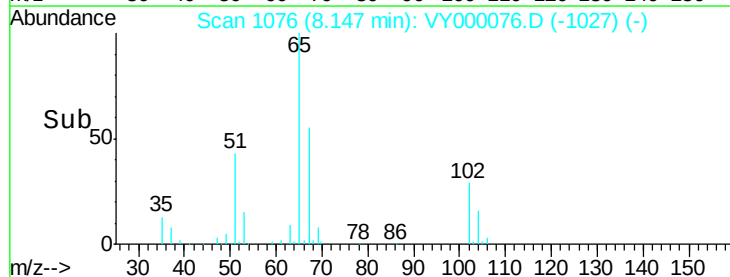


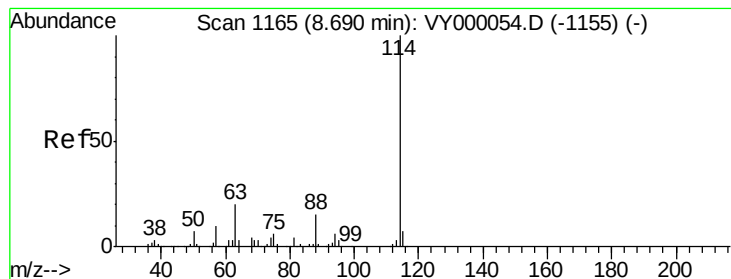
Abundance Ion 64.90 (64.60 to 65.60): VY000054.D (-1065) (-)

Ion 66.90 (66.60 to 67.60): VY000054.D (-1065) (-)

8.15

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000076.D

Acq: 19 Sep 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

CSA-2-6-2

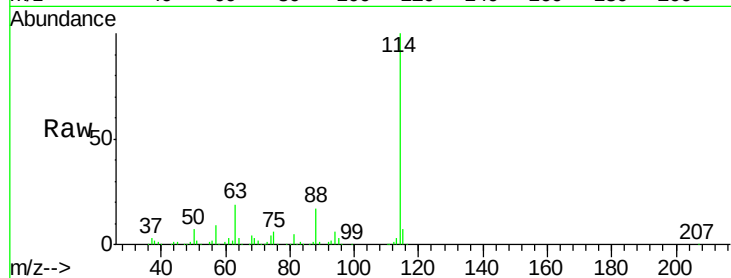
Tot Ion:114 Resp: 213887

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

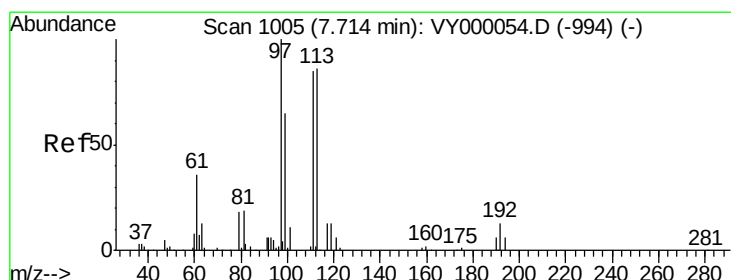
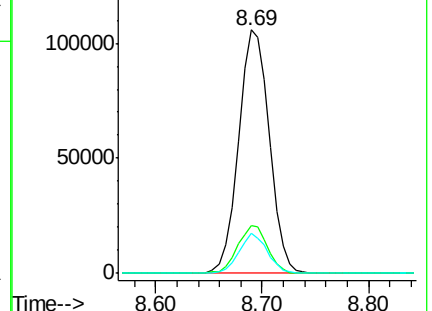
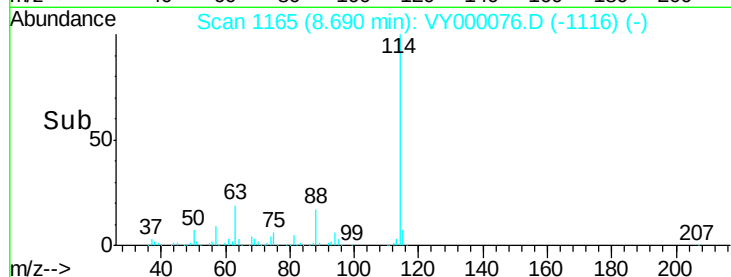
88 16.6 0.0 30.2



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: 47.166 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000076.D

Acq: 19 Sep 2019 14:48

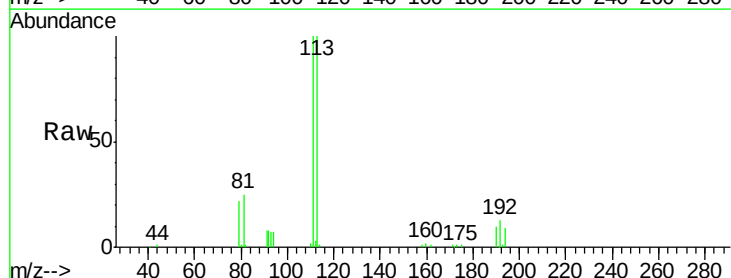
Tgt Ion:113 Resp: 61082

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

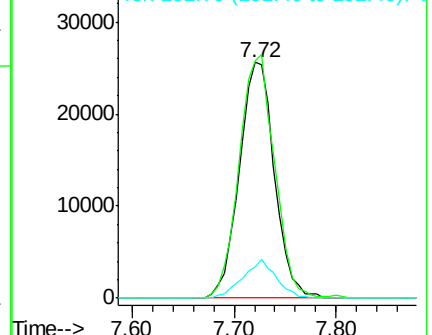
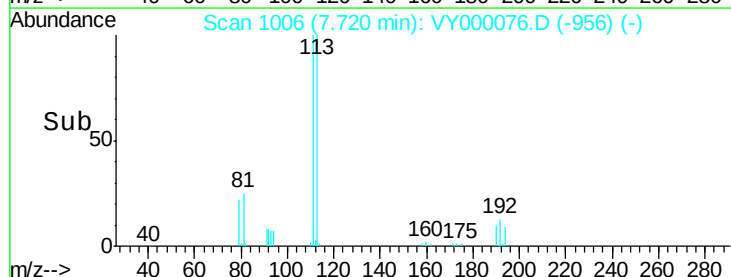
192 15.7 13.4 20.2

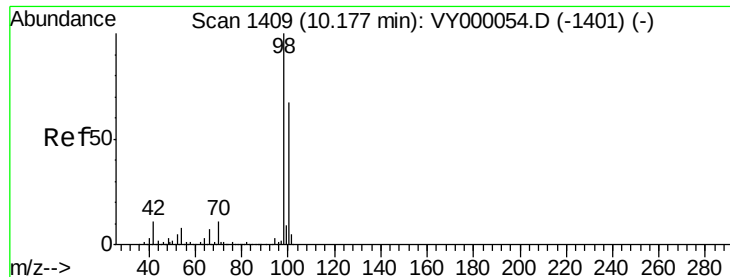


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.049 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000076.D

Acq: 19 Sep 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

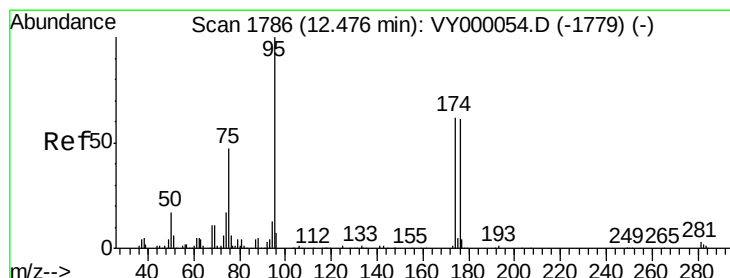
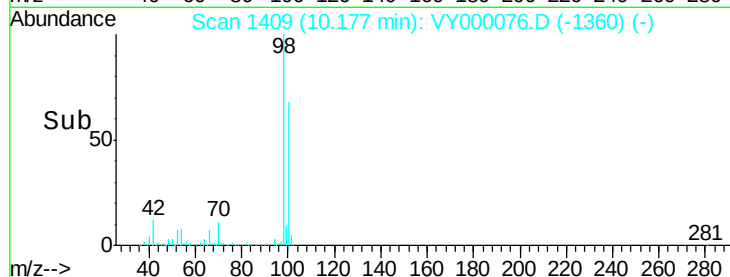
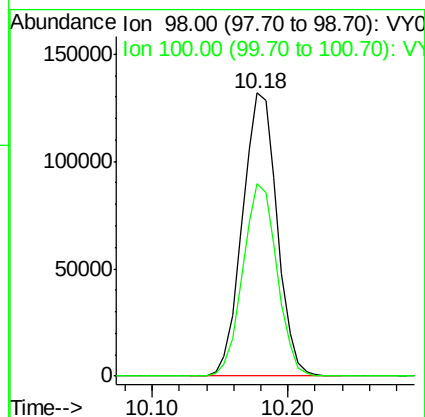
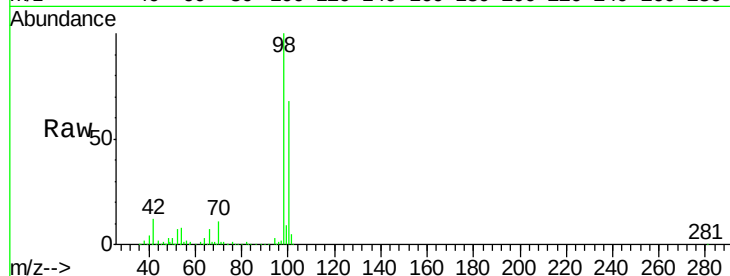
CSA-2-6-2

Tot Ion: 98 Resp: 234225

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 32.623 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000076.D

Acq: 19 Sep 2019 14:48

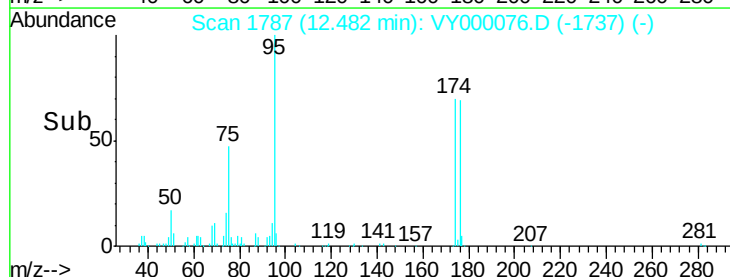
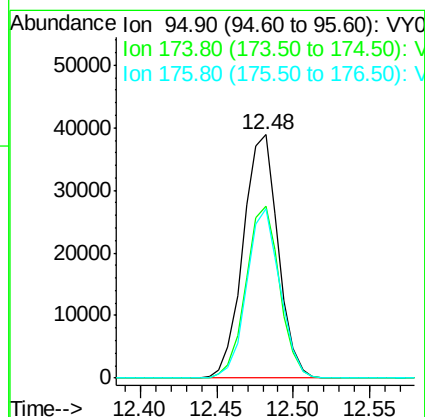
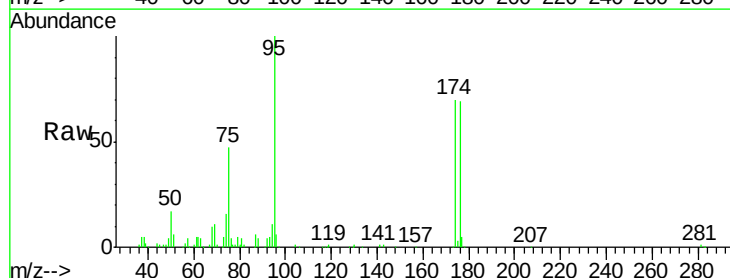
Tgt Ion: 95 Resp: 61607

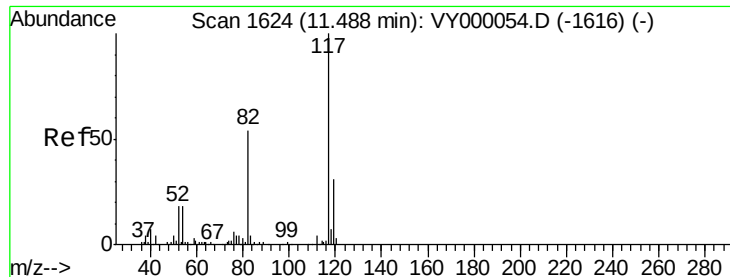
Ion Ratio Lower Upper

95 100

174 68.1 0.0 137.2

176 66.2 0.0 135.0

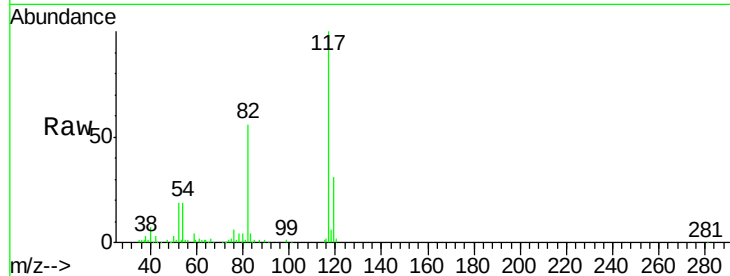




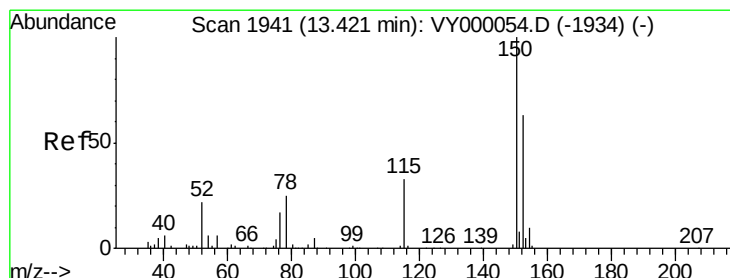
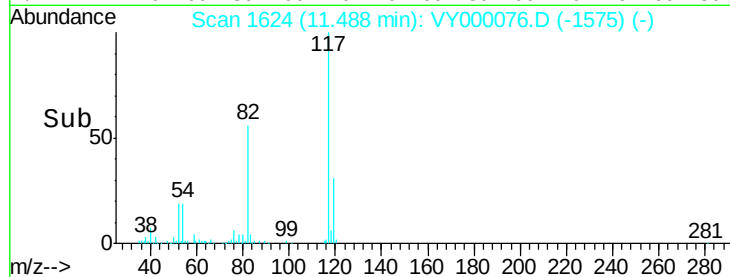
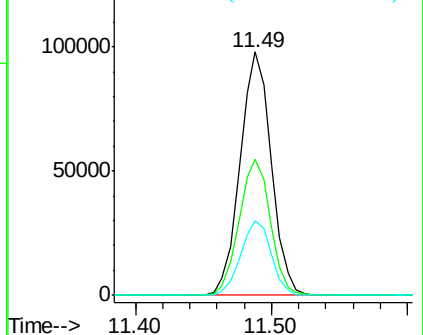
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000076.D
Acq: 19 Sep 2019 14:48

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-6-2

Tot Ion:117 Resp: 155954
Ion Ratio Lower Upper
117 100
82 56.0 43.5 65.3
119 30.6 24.6 36.8

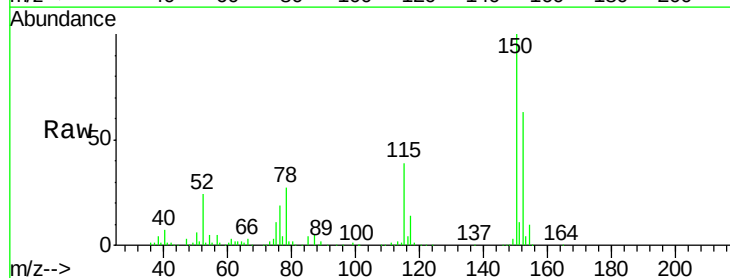


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000076.D
Acq: 19 Sep 2019 14:48

Tgt Ion:152 Resp: 46656
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 156.5 0.0 351.6



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

