

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000155.D
 Acq On : 26 Sep 2019 16:15
 Operator : SY/MD
 Sample : K5038-08
 Misc : 6.97g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Sep 26 17:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	153935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	280907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	231554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	82527	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	73749	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.72	113	75245	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.18	98	315222	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	92026	40.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.12%	

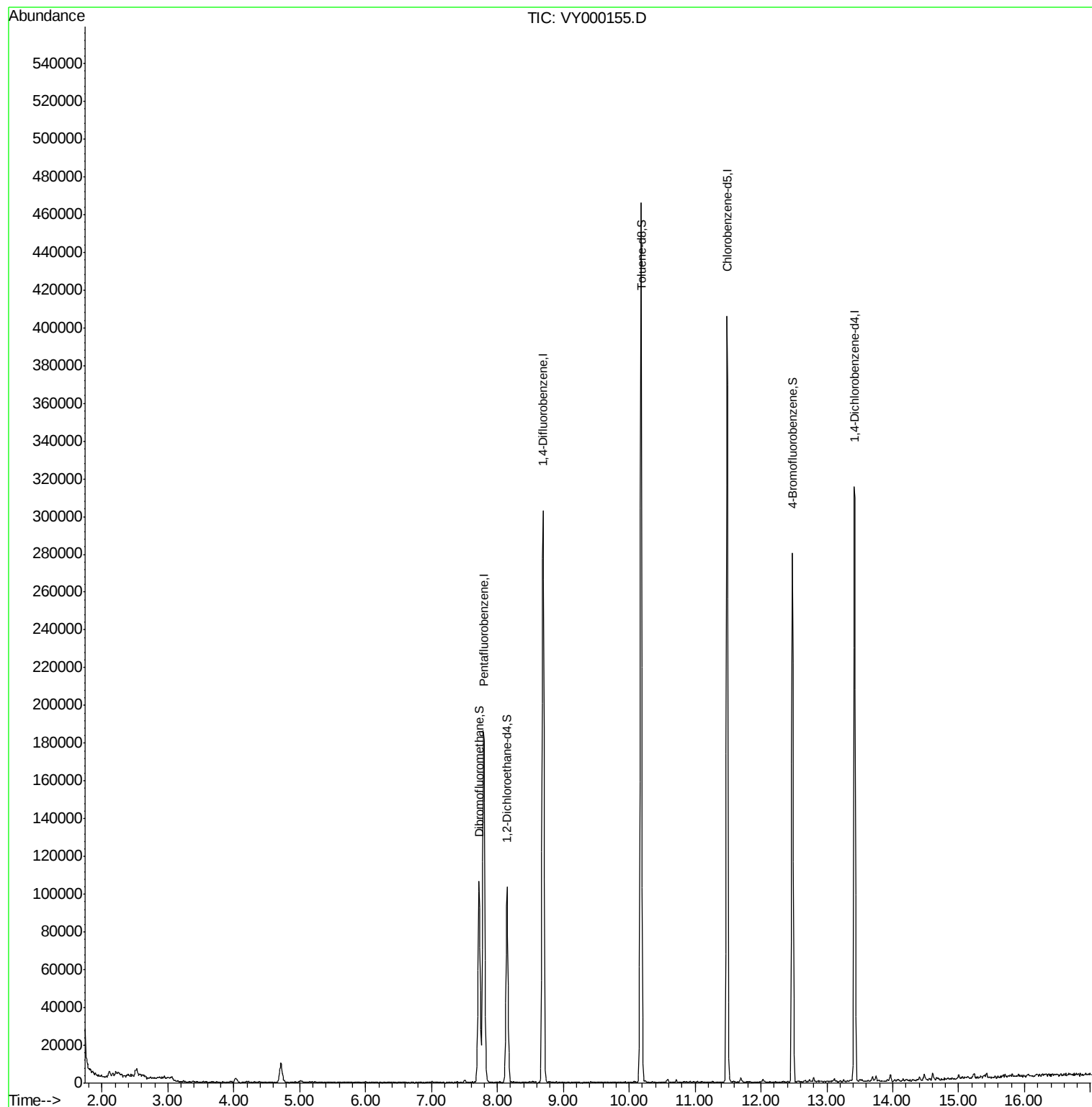
Target Compounds	Qvalue

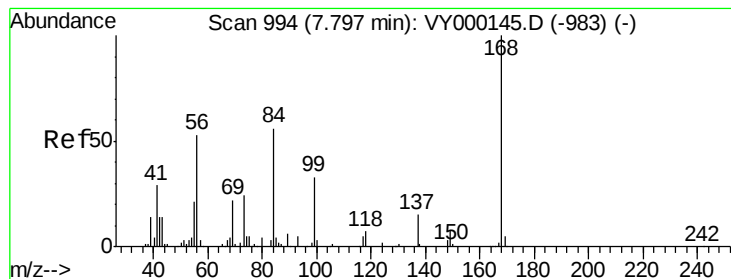
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

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MSVOA_Y

ClientSampleId :

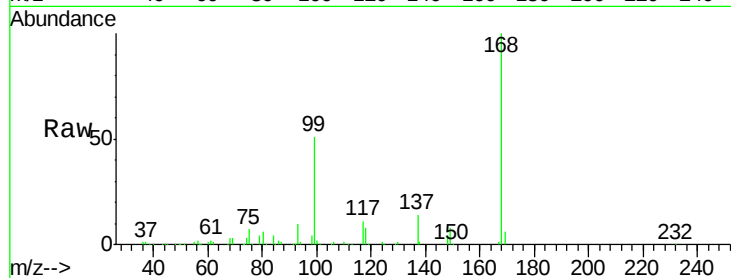
TS-1

Tot Ion:168 Resp: 153935

Ion Ratio Lower Upper

168 100

99 50.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)

7.79

60000

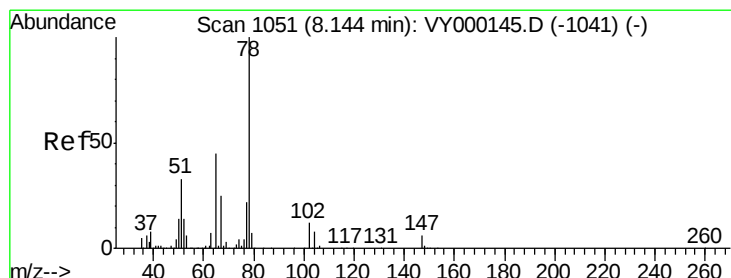
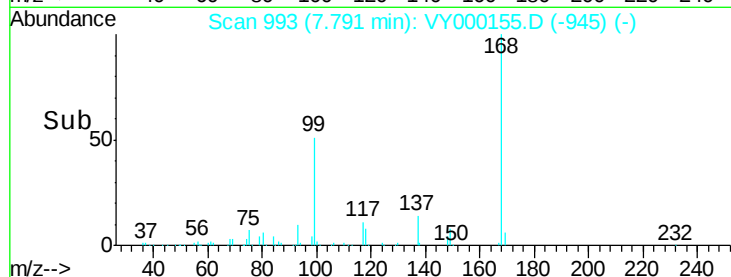
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.706 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000155.D

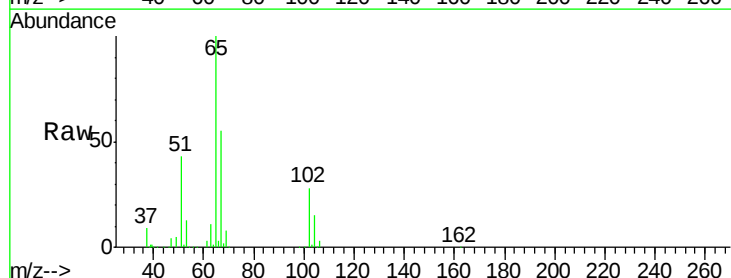
Acq: 26 Sep 2019 16:15

Tgt Ion: 65 Resp: 73749

Ion Ratio Lower Upper

65 100

67 55.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY000145.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000145.D (-1041) (-)

8.14

40000

30000

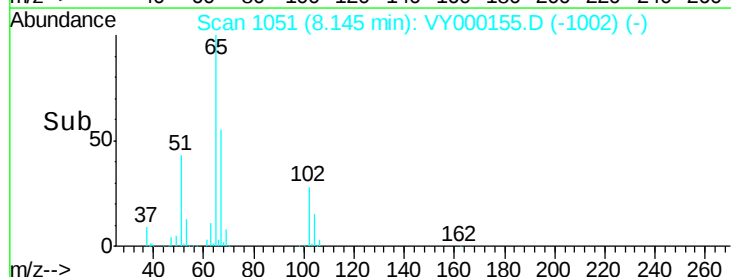
20000

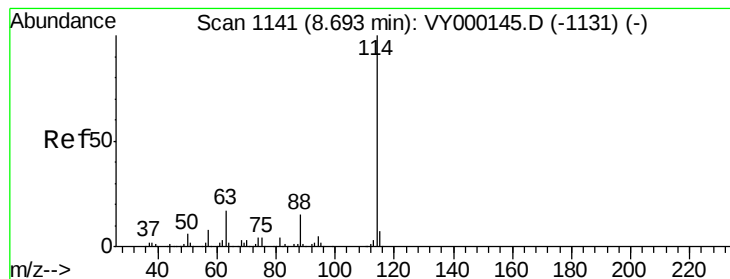
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

Instrument :

MSVOA_Y

ClientSampleId :

TS-1

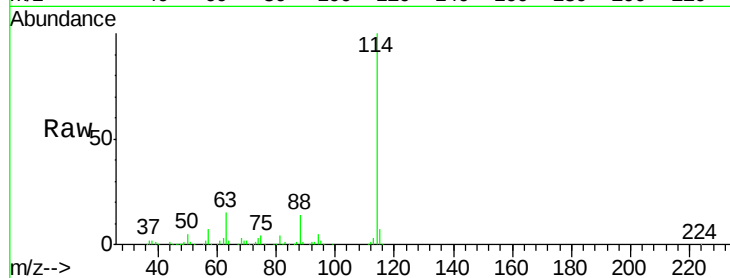
Tot Ion:114 Resp: 280907

Ion Ratio Lower Upper

114 100

63 15.3 0.0 34.6

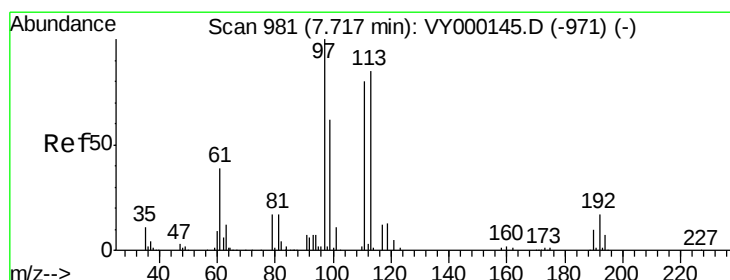
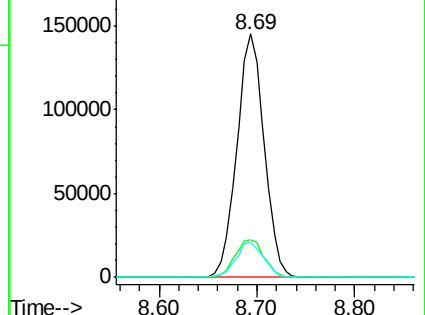
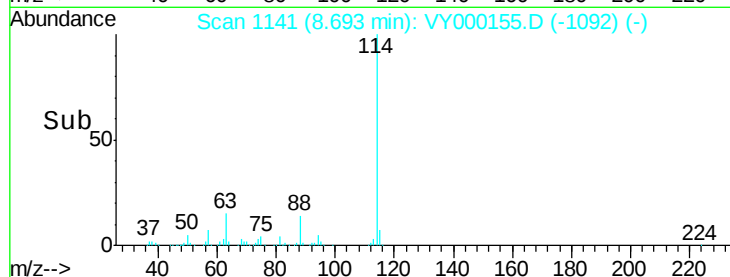
88 14.5 0.0 30.6



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: 51.149 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

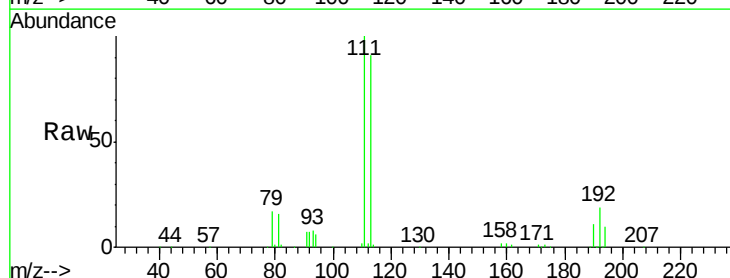
Tgt Ion:113 Resp: 75245

Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

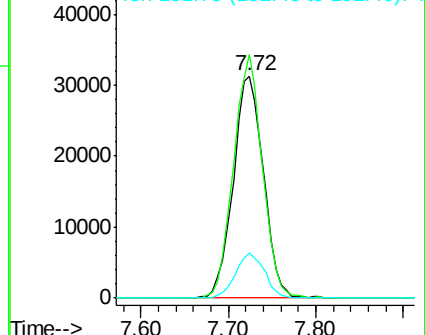
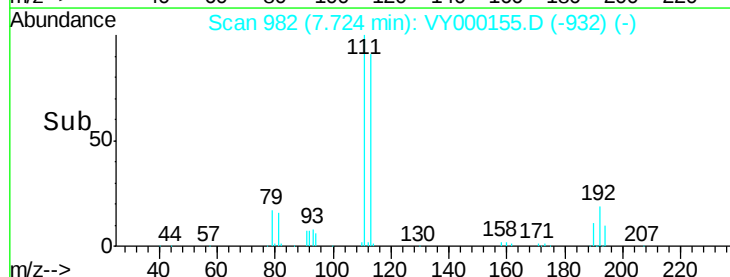
192 19.5 17.3 25.9

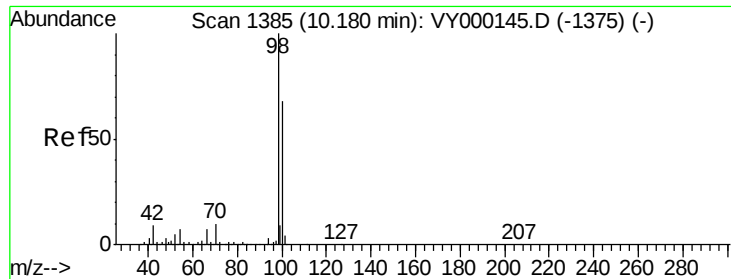


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.636 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

Instrument :

MSVOA_Y

ClientSampleId :

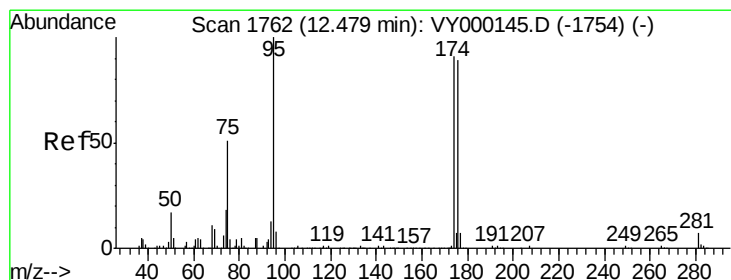
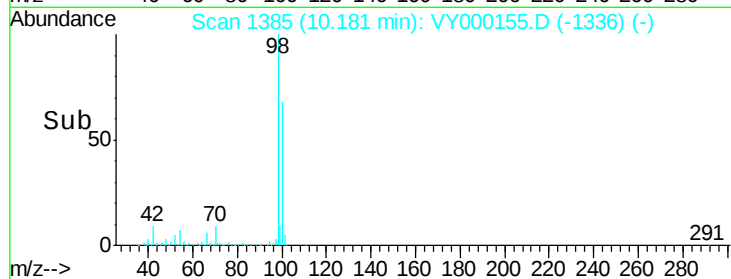
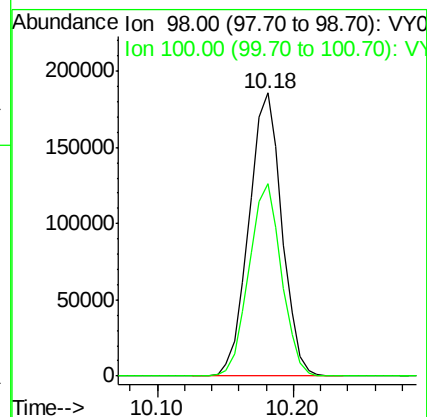
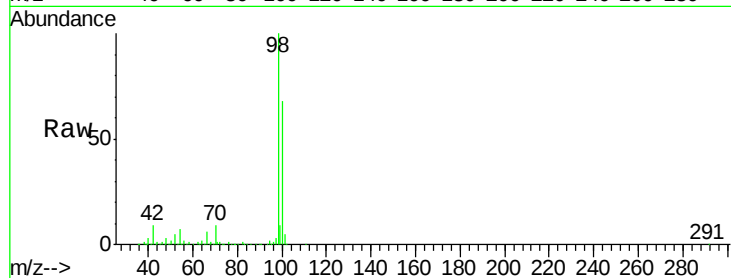
TS-1

Tot Ion: 98 Resp: 315222

Ion Ratio Lower Upper

98 100

100 67.1 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 40.558 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000155.D

Acq: 26 Sep 2019 16:15

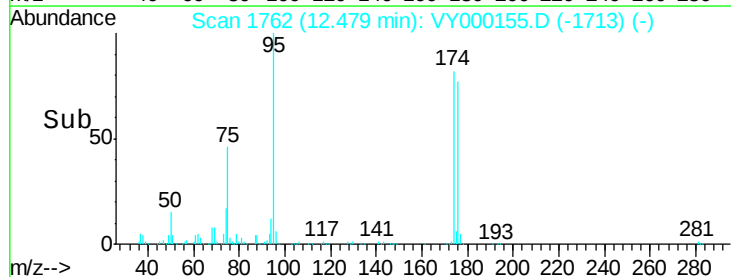
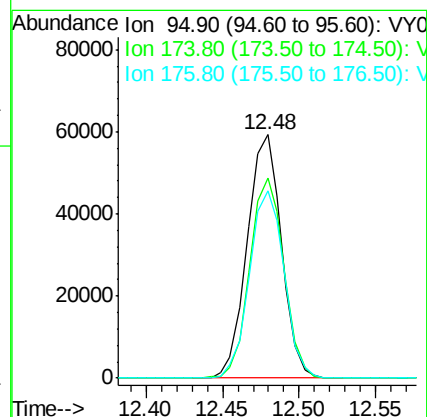
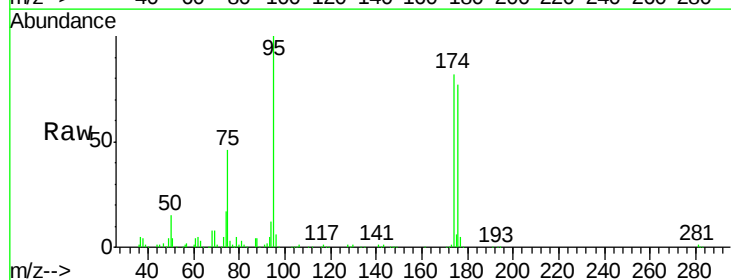
Tgt Ion: 95 Resp: 92026

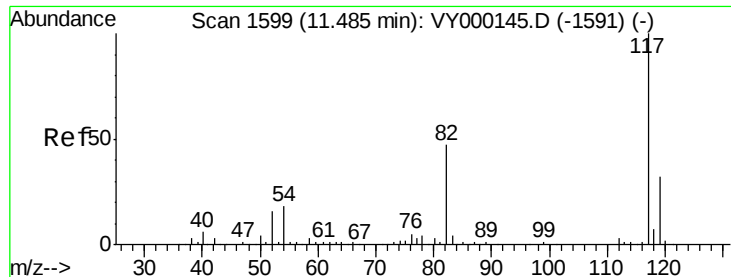
Ion Ratio Lower Upper

95 100

174 81.7 0.0 180.6

176 77.9 0.0 171.6

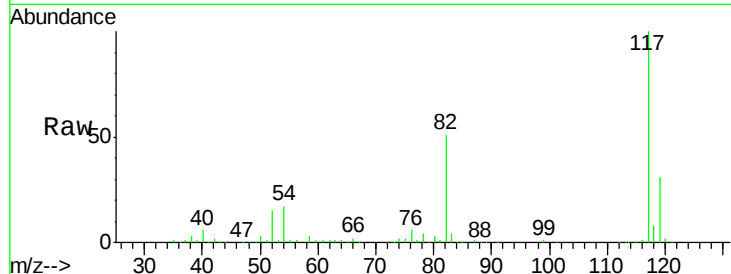




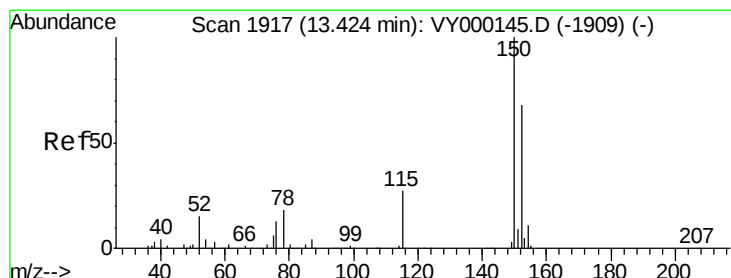
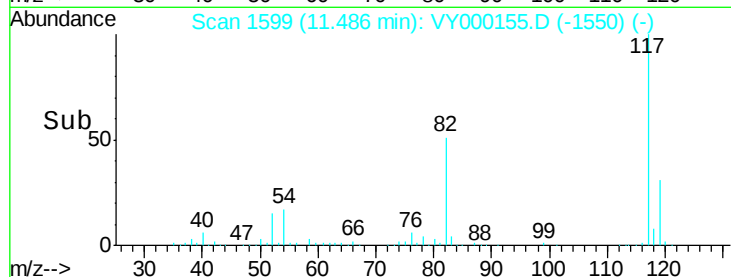
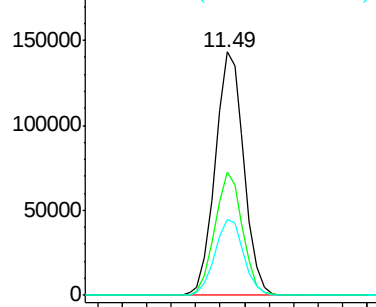
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Instrument :
MSVOA_Y
ClientSampleId :
TS-1

Tot Ion:117 Resp: 231554
Ion Ratio Lower Upper
117 100
82 50.8 37.7 56.5
119 31.2 25.4 38.2

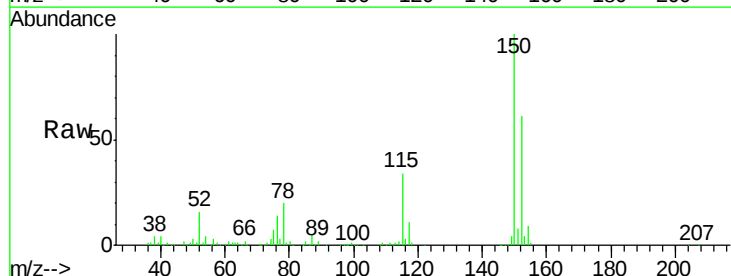


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000155.D
Acq: 26 Sep 2019 16:15

Tgt Ion:152 Resp: 82527
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 159.5 0.0 347.8



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

