

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000156.D
 Acq On : 26 Sep 2019 16:39
 Operator : SY/MD
 Sample : K5038-10
 Misc : 10.51g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-2

Quant Time: Sep 26 17:08:25 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	149184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	276208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	226928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81848	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	69615	53.28	ug/l	0.00
Spiked Amount						
			Recovery	=	106.56%	
35) Dibromofluoromethane	7.72	113	74836	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	
50) Toluene-d8	10.18	98	307691	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.48	95	88086	39.48	ug/l	0.00
Spiked Amount						
			Recovery	=	78.96%	

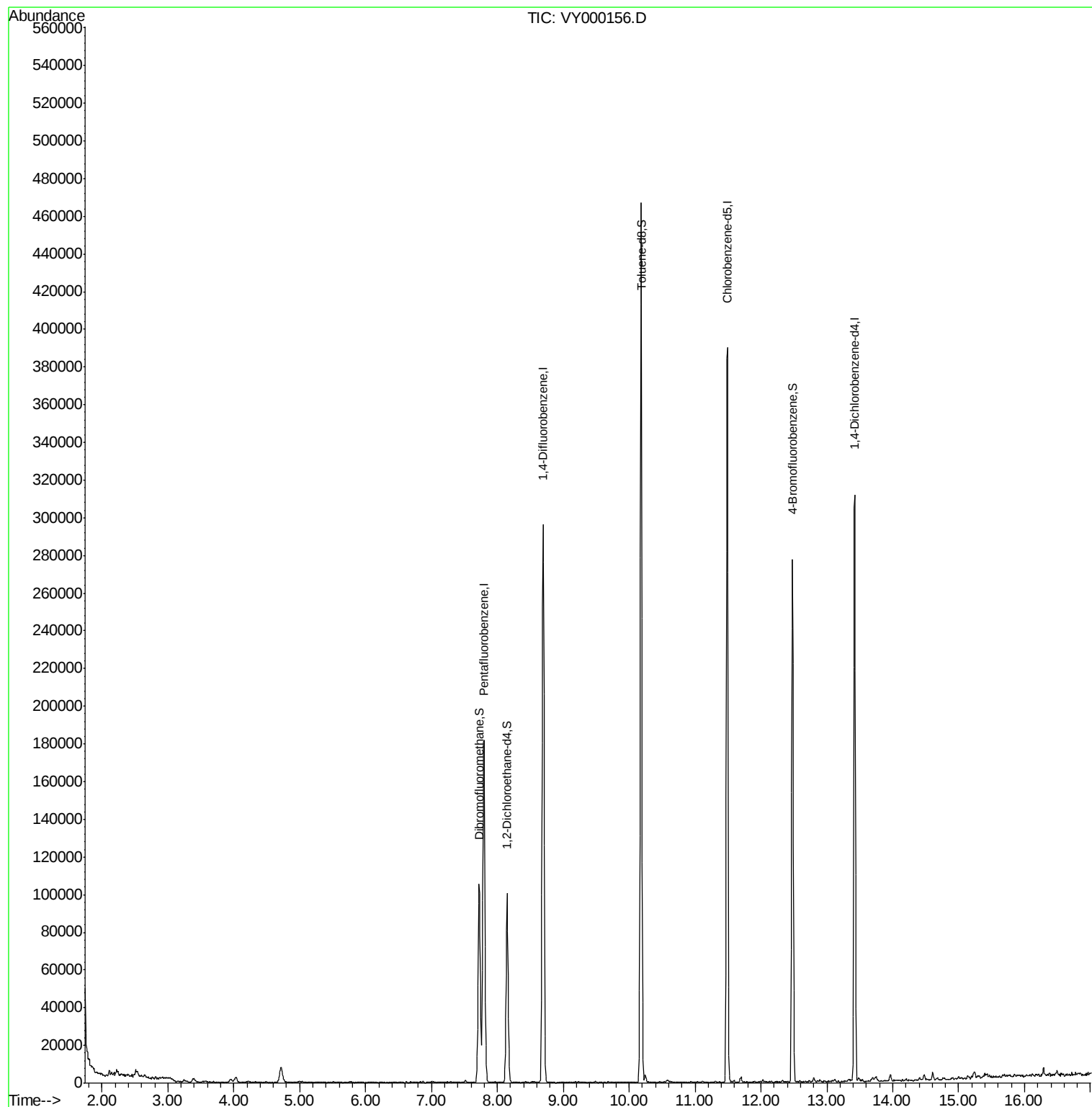
Target Compounds	Qvalue
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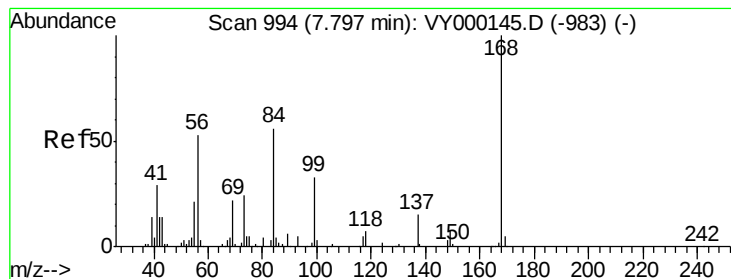
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

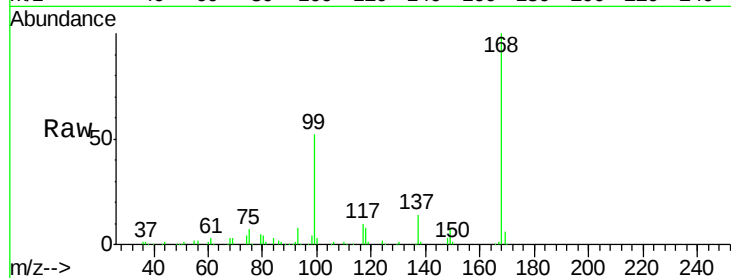
Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tot Ion:168 Resp: 149184

Ion Ratio Lower Upper

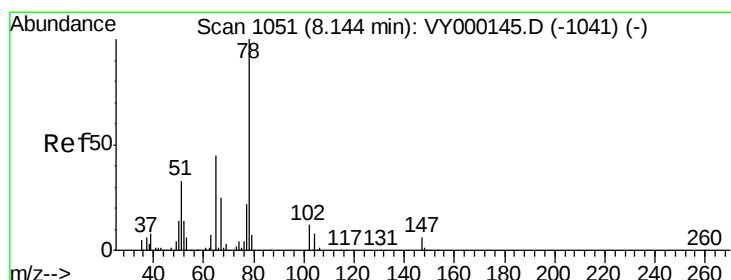
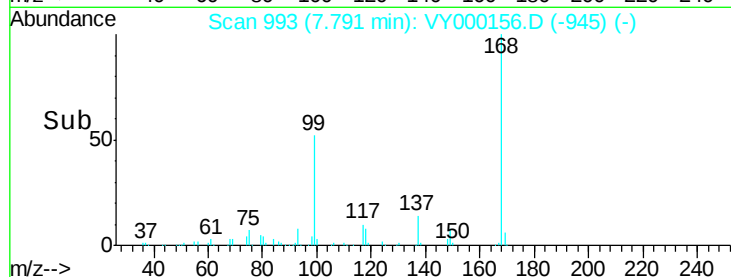
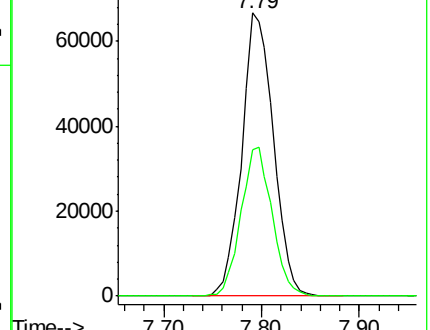
168 100

99 51.8 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.284 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY000156.D

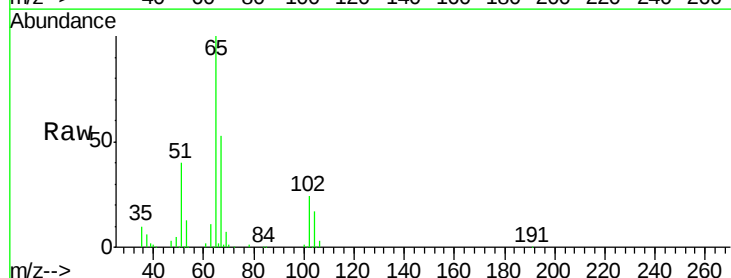
Acq: 26 Sep 2019 16:39

Tgt Ion: 65 Resp: 69615

Ion Ratio Lower Upper

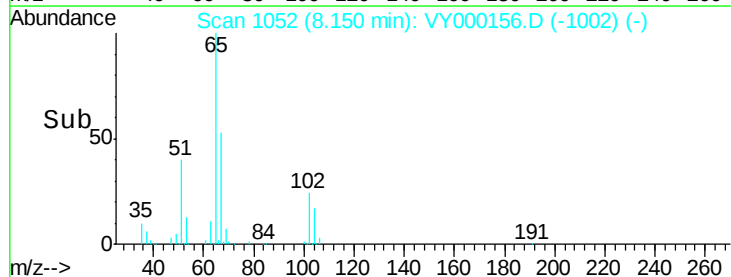
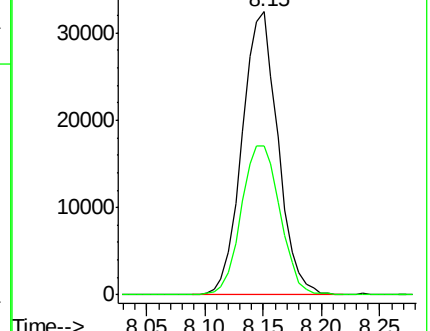
65 100

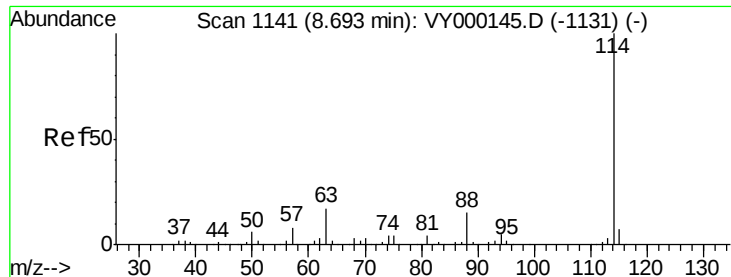
67 57.0 0.0 110.6



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

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

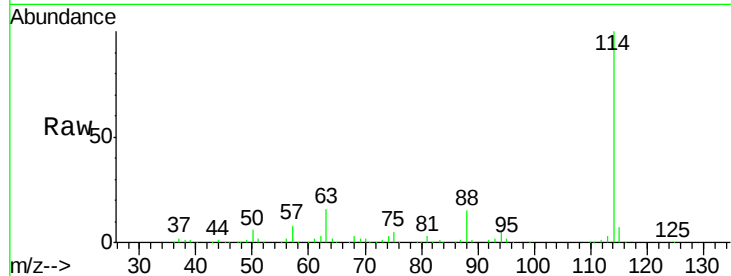




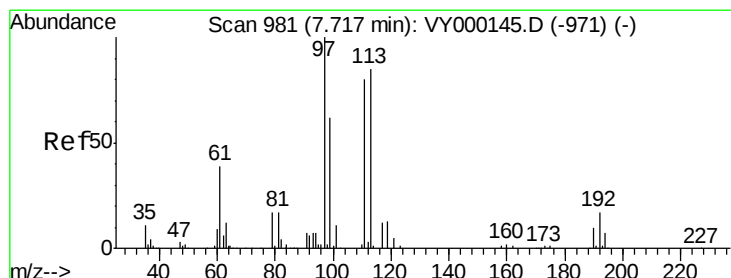
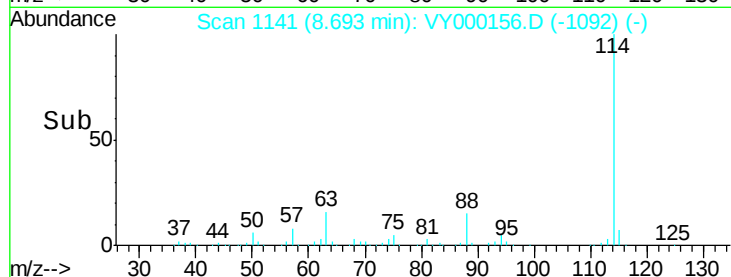
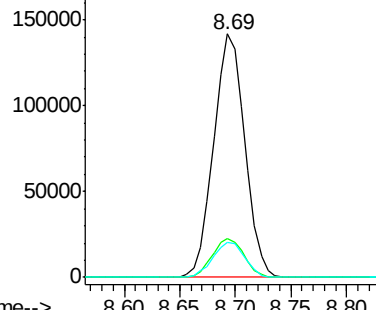
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000156.D
 Acq: 26 Sep 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-2

Tot Ion:114 Resp: 276208
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 34.6
 88 14.6 0.0 30.6

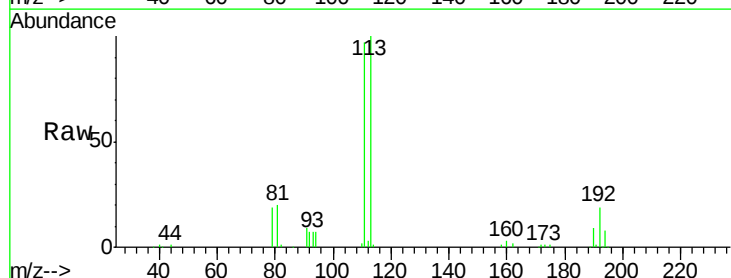


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

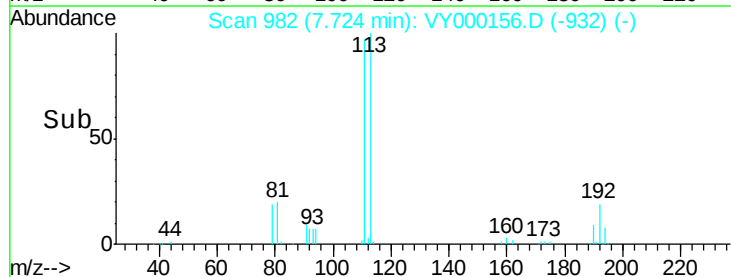
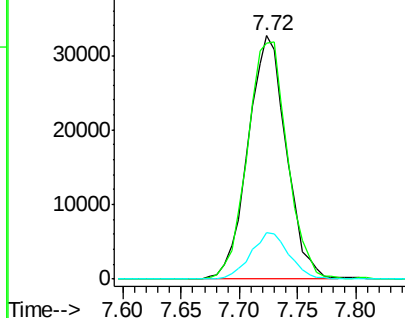


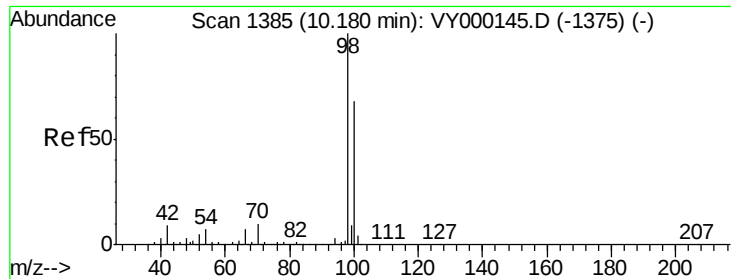
#35
 Dibromofluoromethane
 Concen: 51.736 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VY000156.D
 Acq: 26 Sep 2019 16:39

Tgt Ion:113 Resp: 74836
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 19.1 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: 50.268 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

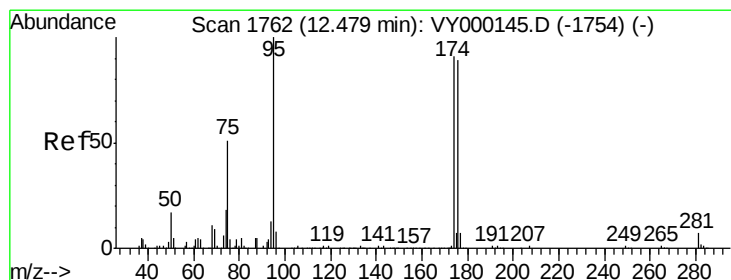
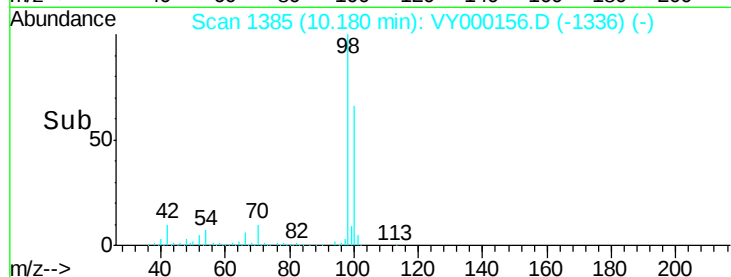
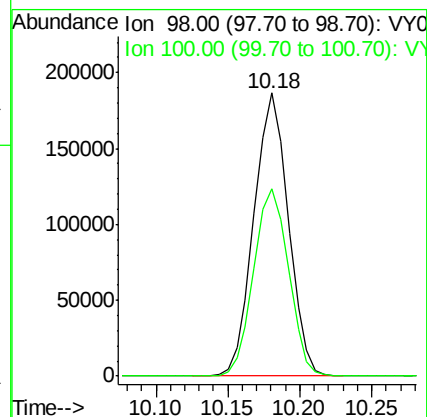
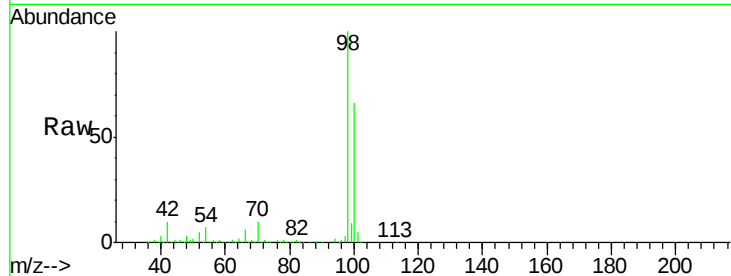
TS-2

Tot Ion: 98 Resp: 307691

Ion Ratio Lower Upper

98 100

100 67.4 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 39.482 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000156.D

Acq: 26 Sep 2019 16:39

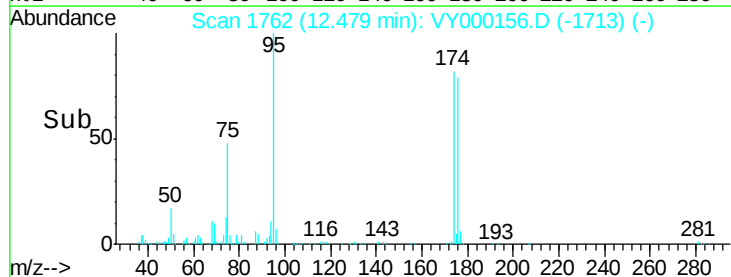
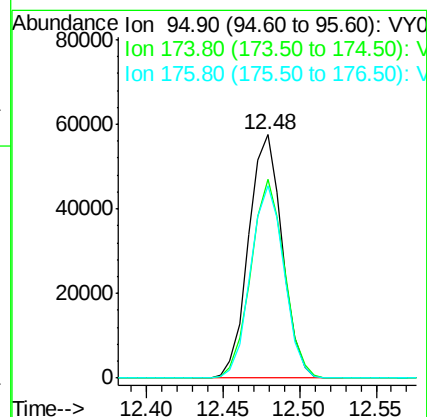
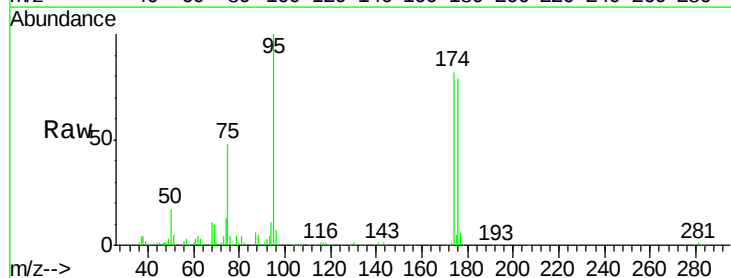
Tgt Ion: 95 Resp: 88086

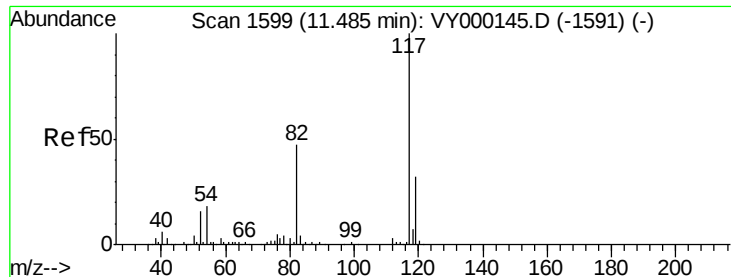
Ion Ratio Lower Upper

95 100

174 81.2 0.0 180.6

176 78.6 0.0 171.6

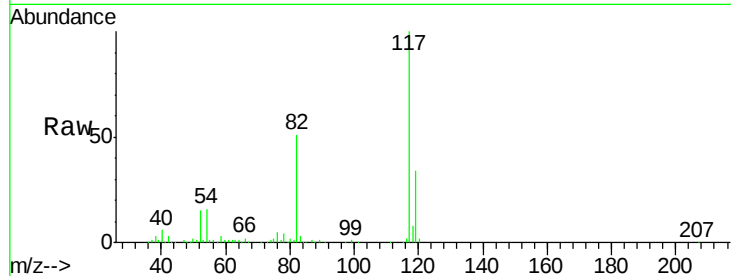




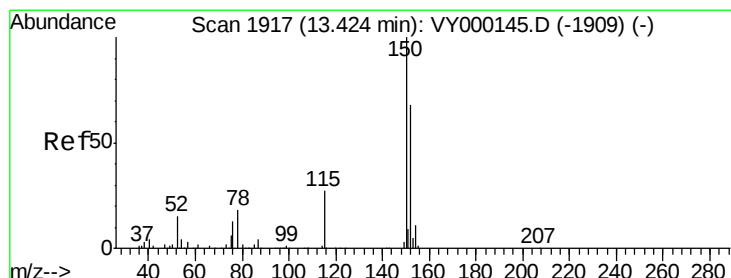
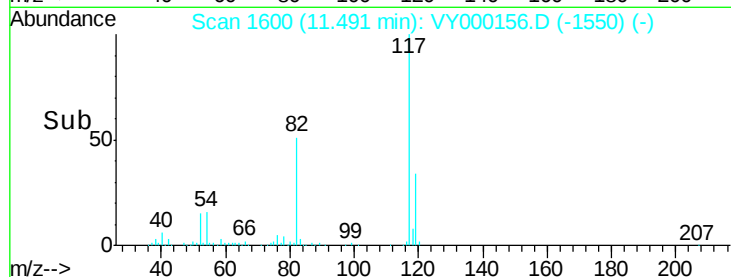
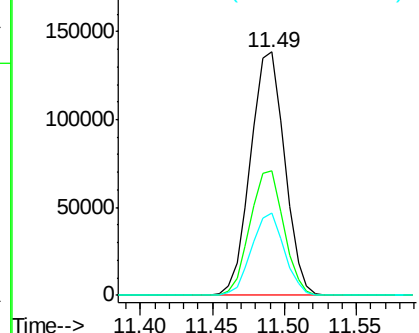
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY000156.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
TS-2

Tot Ion:117 Resp: 226928
Ion Ratio Lower Upper
117 100
82 51.3 37.7 56.5
119 33.8 25.4 38.2

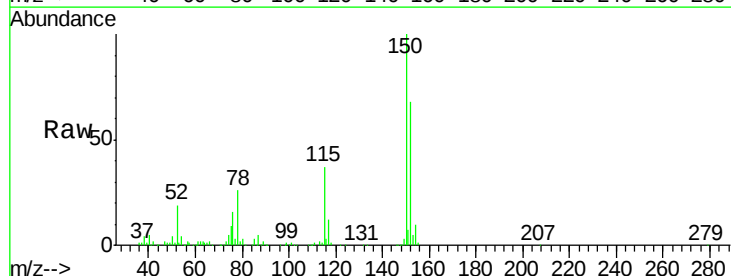


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000156.D
Acq: 26 Sep 2019 16:39

Tgt Ion:152 Resp: 81848
Ion Ratio Lower Upper
152 100
115 59.3 26.8 80.4
150 158.5 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

