

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000439.D
 Acq On : 25 Oct 2019 19:11
 Operator : SY/MD
 Sample : K5540-06
 Misc : 4.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 155-98-(1.1)

Quant Time: Oct 26 03:11:40 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

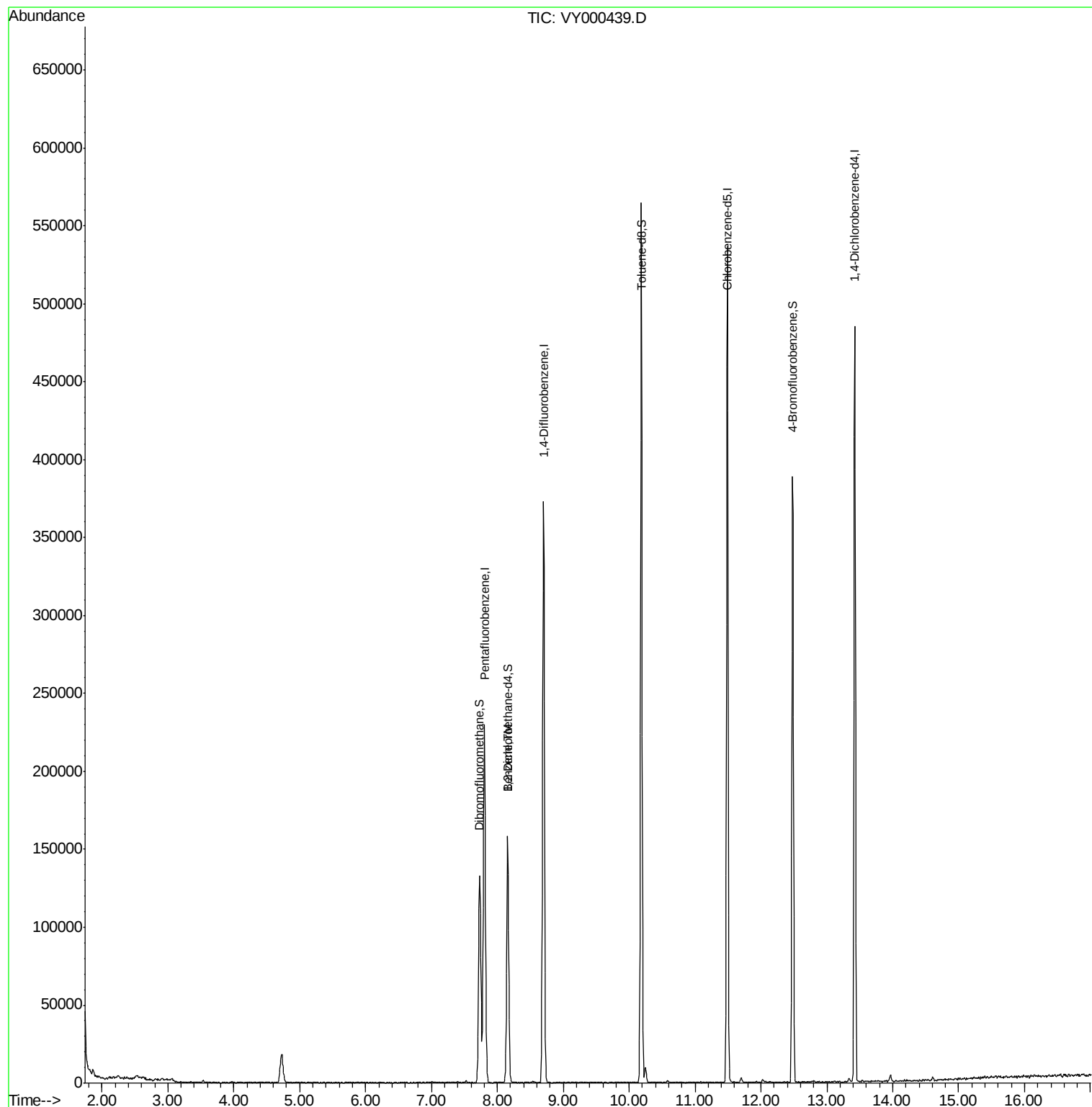
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	307954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107368	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	7.73	113	92891	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.18	98	362401	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.48	95	111944	41.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.48%	
Target Compounds						
40) Benzene	8.16	78	12305	1.412	ug/l #	Qvalue 87

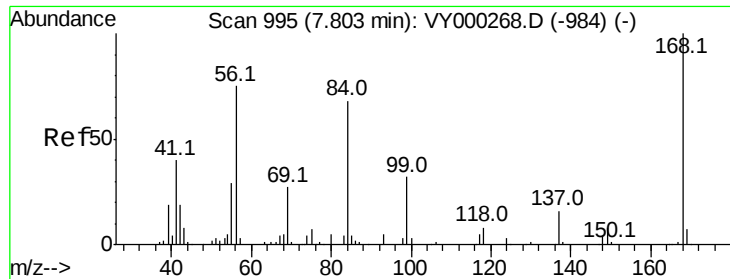
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_Y

ClientSampleId :

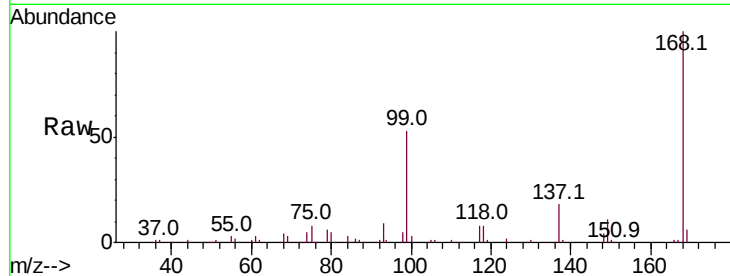
155-98-(1.1)

Tot Ion:168 Resp: 180294

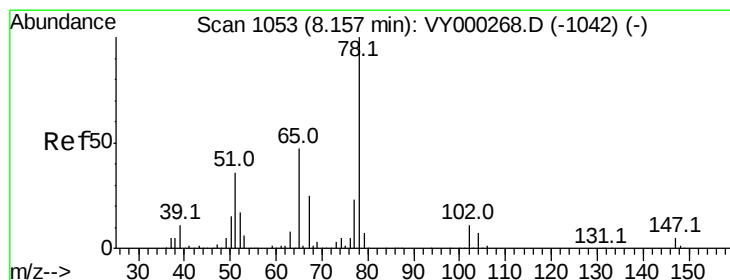
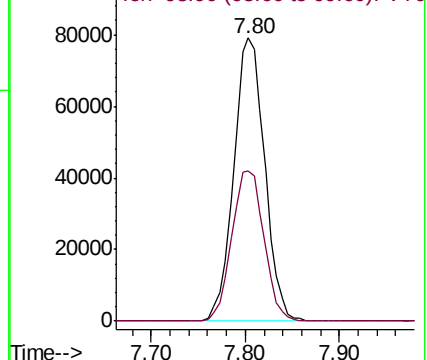
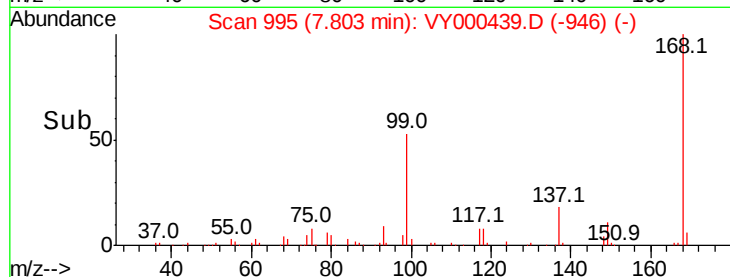
Ion Ratio Lower Upper

168 100

99 53.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000439.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.455 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000439.D

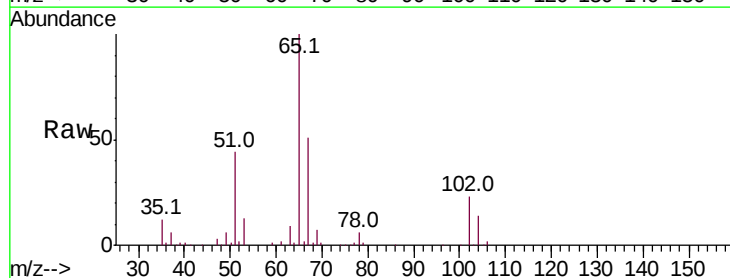
Acq: 25 Oct 2019 19:11

Tgt Ion: 65 Resp: 107368

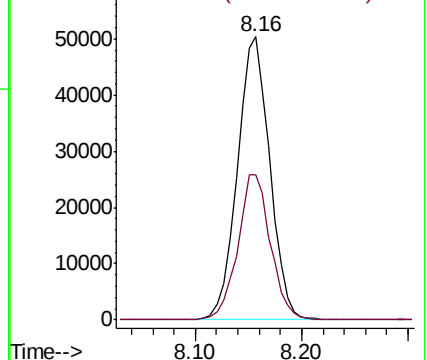
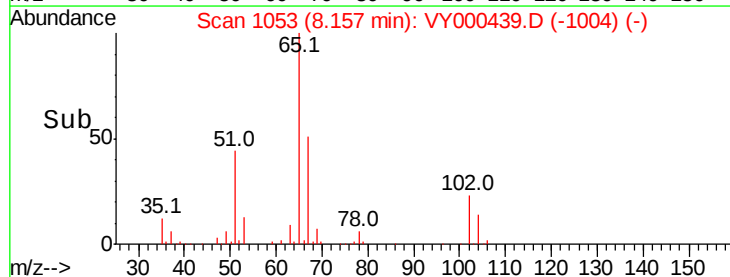
Ion Ratio Lower Upper

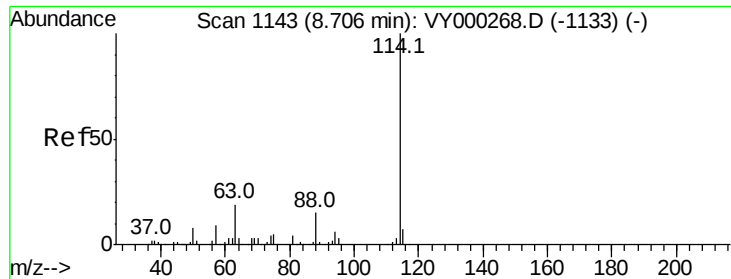
65 100

67 51.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000439.D (-1004) (-)

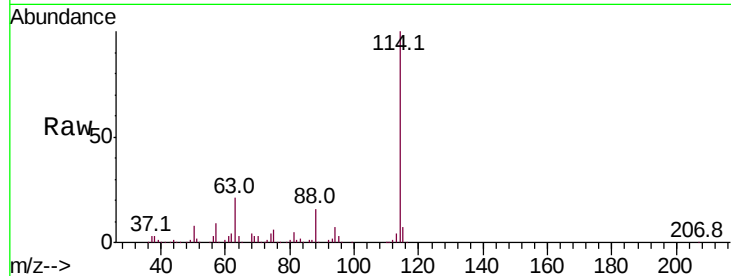




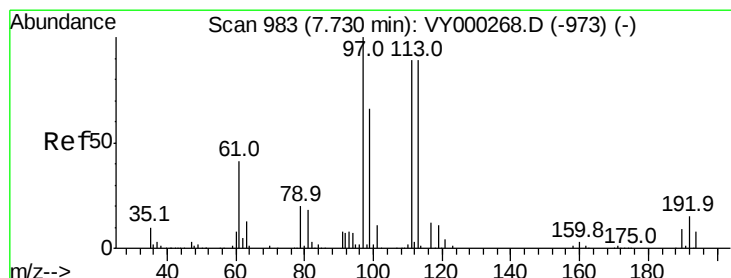
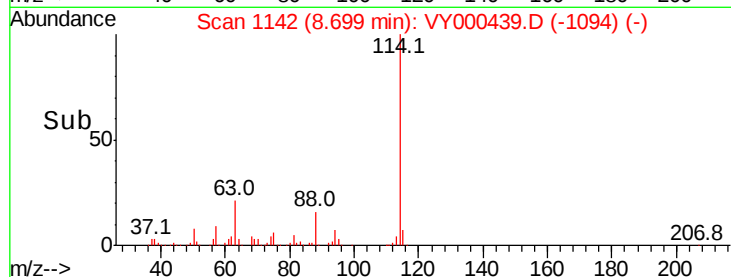
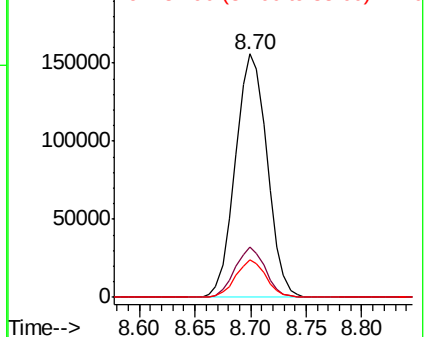
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :
155-98-(1.1)

Tot Ion:114 Resp: 307954
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.2
88 15.6 0.0 30.2

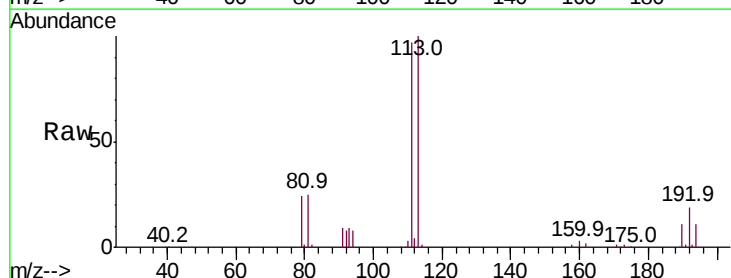


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

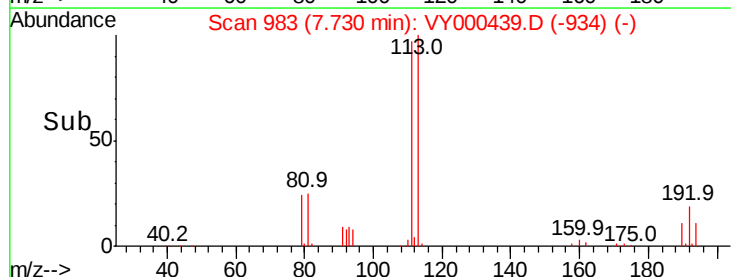
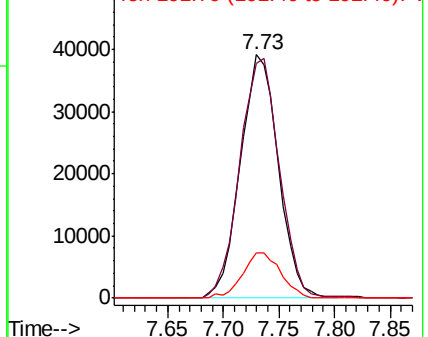


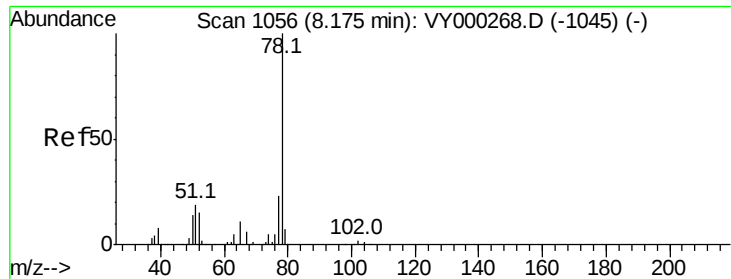
#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Tgt Ion:113 Resp: 92891
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 18.8 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





#40

Benzene

Concen: 1.412 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY000439.D

Acq: 25 Oct 2019 19:11

Instrument :

MSVOA_Y

ClientSampled :

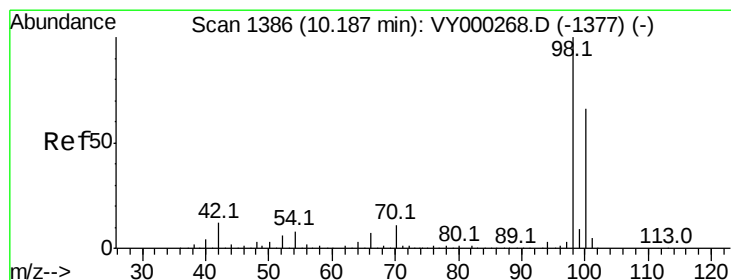
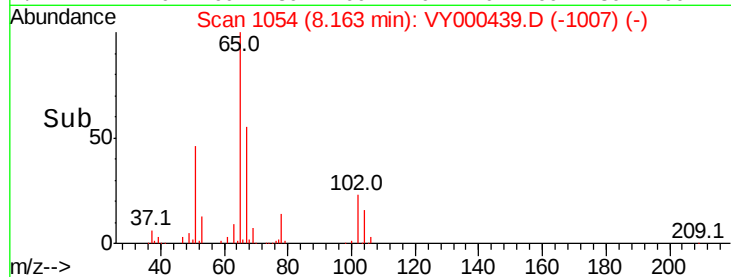
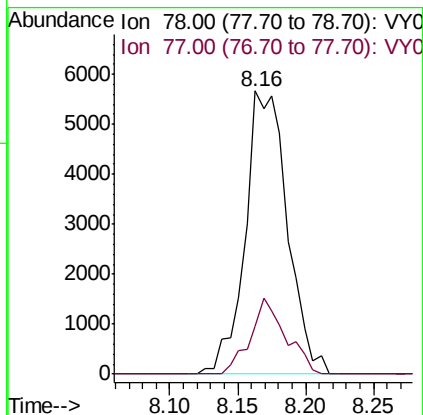
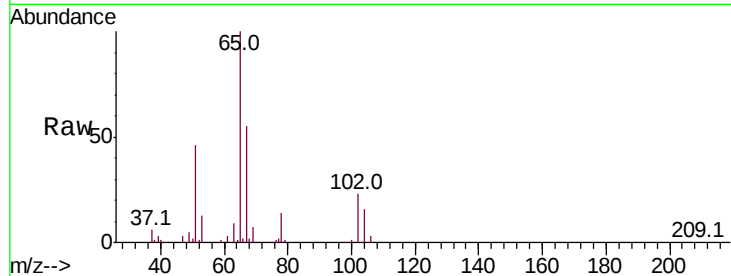
155-98-(1.1)

Tot Ion: 78 Resp: 12305

Ion Ratio Lower Upper

78 100

77 17.0 18.8 28.2#



#50

Toluene-d8

Concen: 50.716 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000439.D

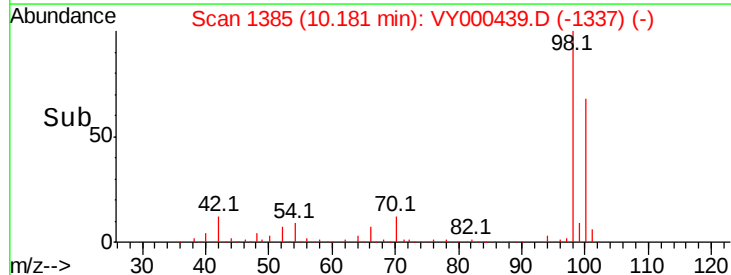
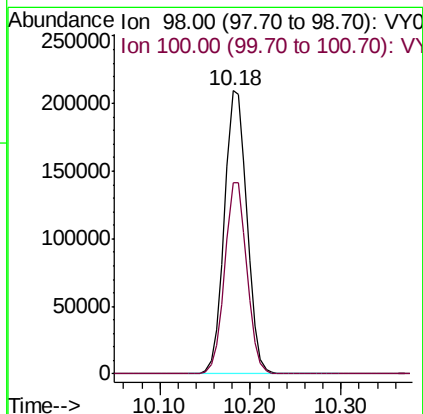
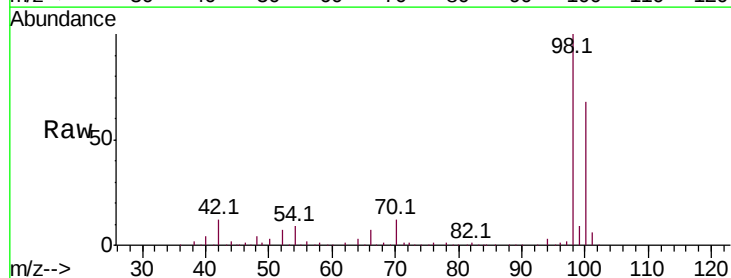
Acq: 25 Oct 2019 19:11

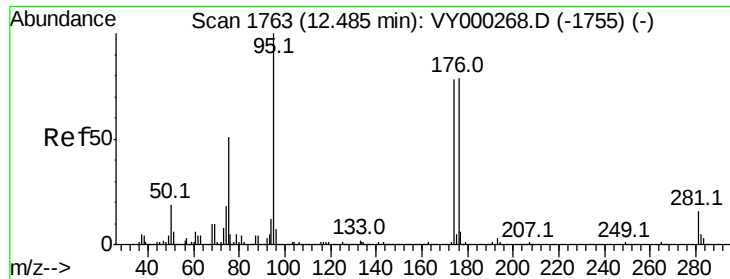
Tgt Ion: 98 Resp: 362401

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2

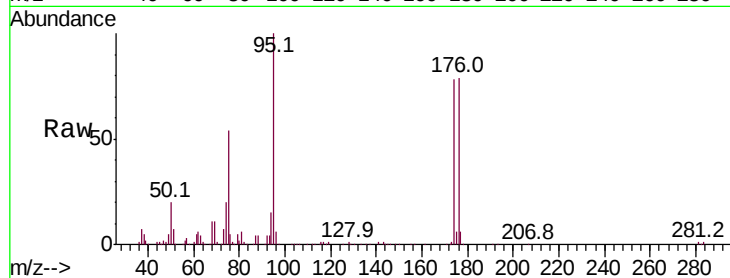




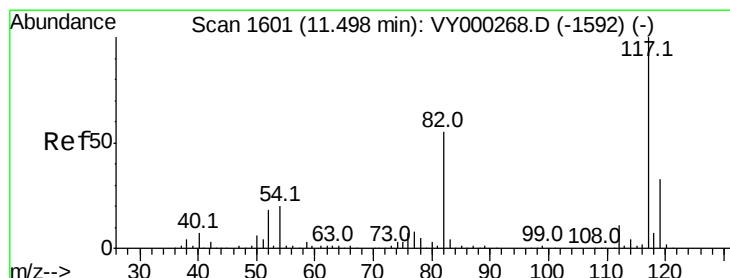
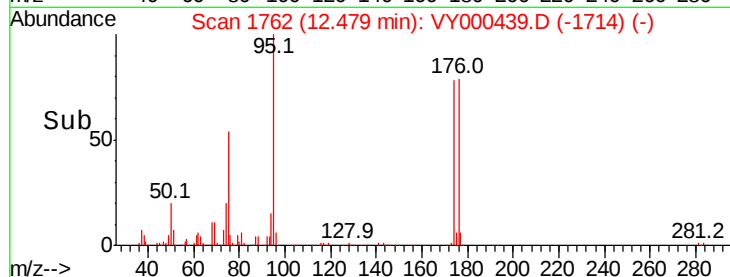
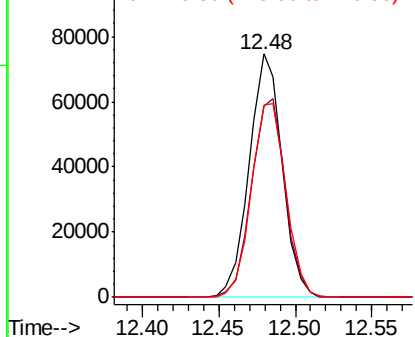
#62
4-Bromofluorobenzene
Concen: 41.236 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :
155-98-(1.1)

Tot Ion: 95 Resp: 111944
Ion Ratio Lower Upper
95 100
174 83.8 0.0 159.6
176 84.0 0.0 153.8

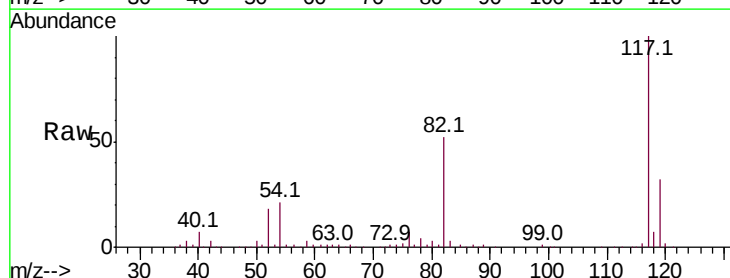


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

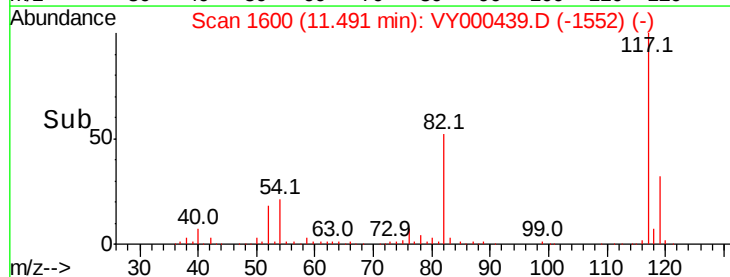
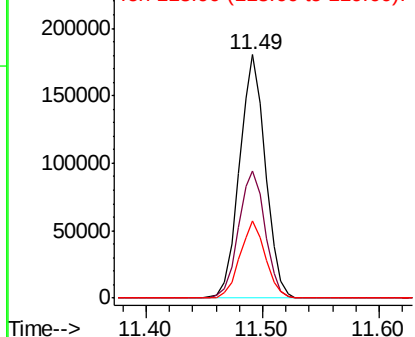


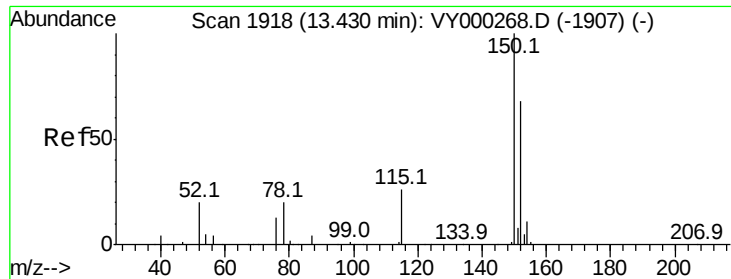
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Tgt Ion: 117 Resp: 279232
Ion Ratio Lower Upper
117 100
82 52.1 43.7 65.5
119 31.9 26.6 39.8



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



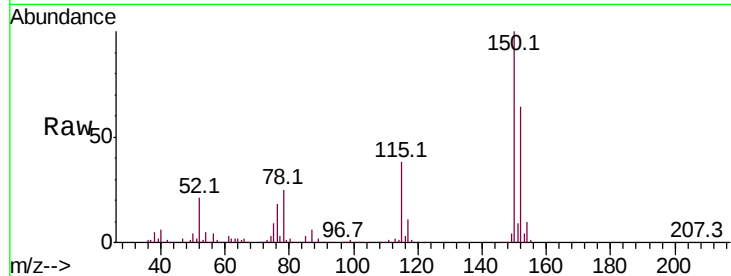


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000439.D
Acq: 25 Oct 2019 19:11

Instrument :
MSVOA_Y
ClientSampleId :
155-98-(1.1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	154.2	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

