

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000443.D
 Acq On : 25 Oct 2019 20:43
 Operator : SY/MD
 Sample : K5540-14
 Misc : 3.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 158-30-(1)

Quant Time: Oct 26 03:17:04 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	180331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	98516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101984	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.73	113	89079	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.19	98	349307	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.48	95	104235	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	

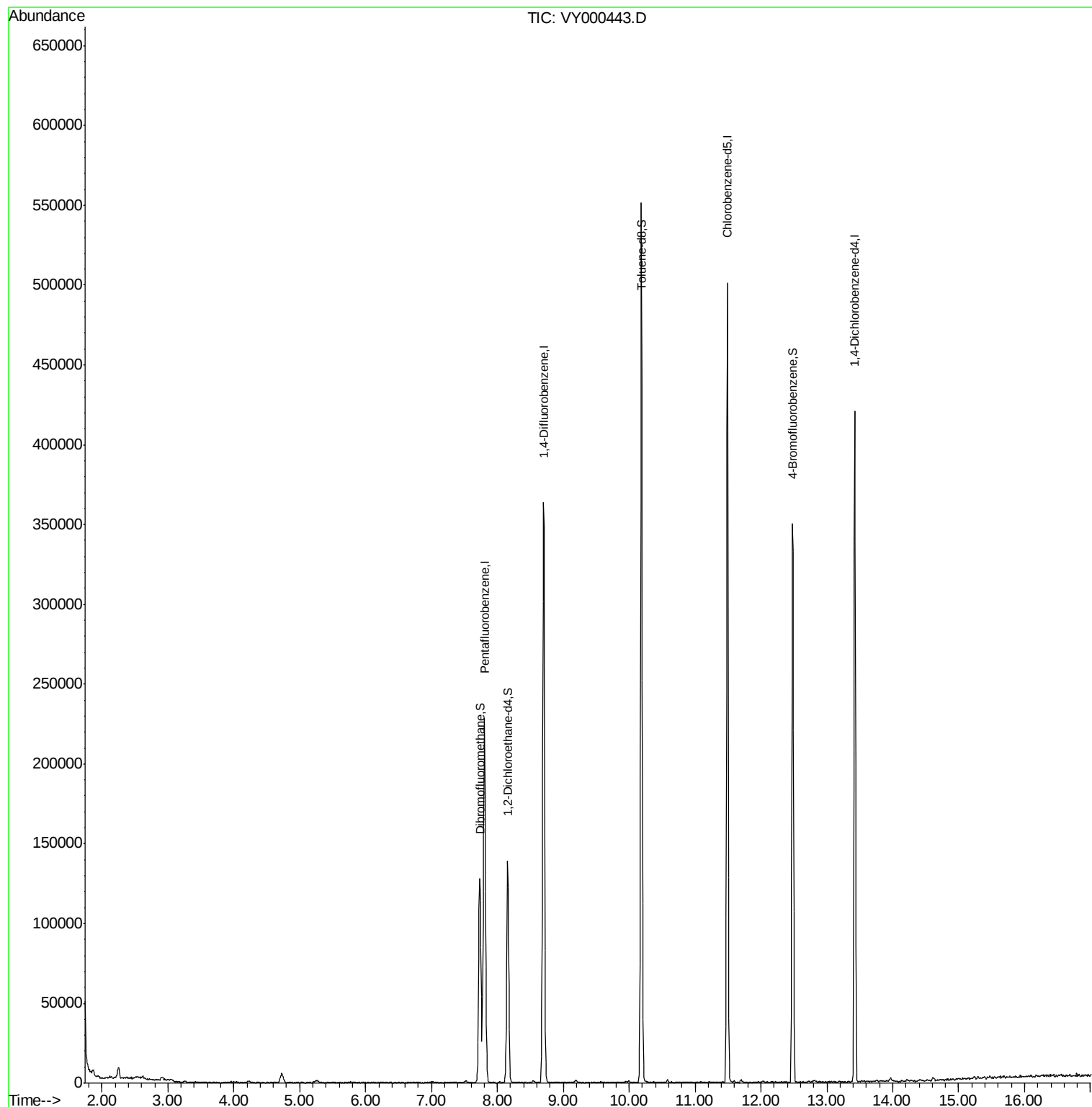
Target Compounds	Qvalue

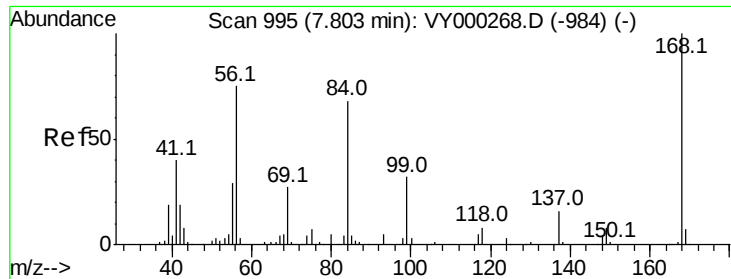
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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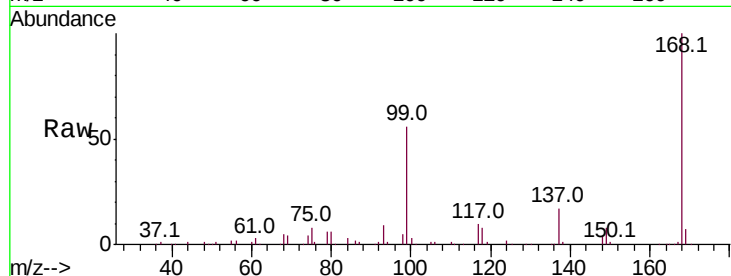




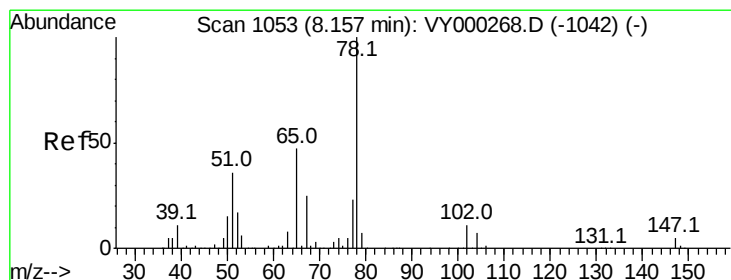
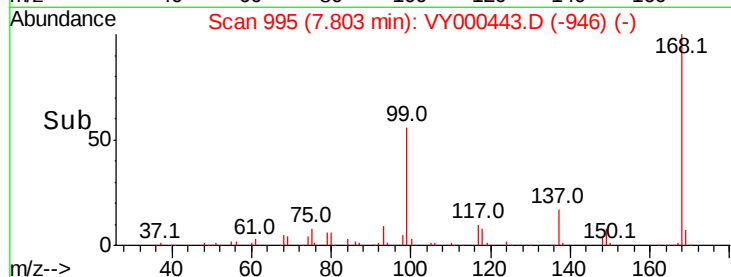
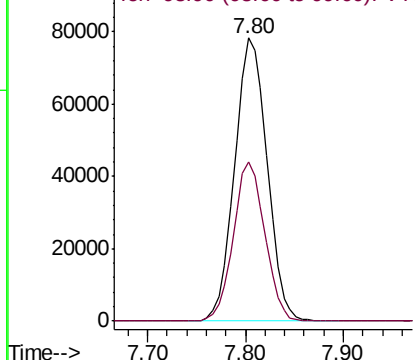
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Instrument :
MSVOA_Y
ClientSampleId :
158-30-(1)

Tot Ion:168 Resp: 180331
Ion Ratio Lower Upper
168 100
99 56.2 46.6 69.8

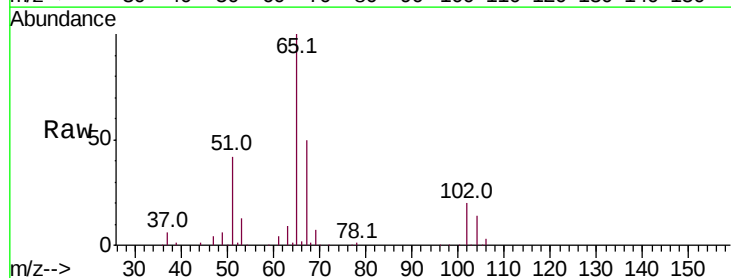


Abundance Ion 167.90 (167.60 to 168.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

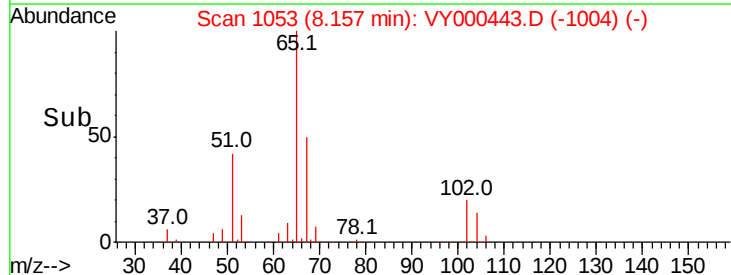
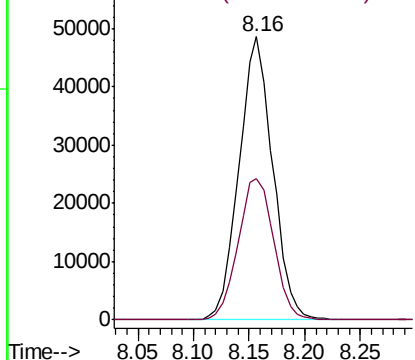


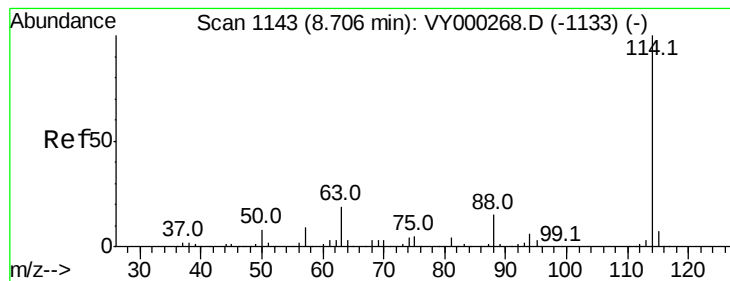
#33
1,2-Dichloroethane-d4
Concen: 53.613 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Tgt Ion: 65 Resp: 101984
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

Instrument :

MSVOA_Y

ClientSampleId :

158-30-(1)

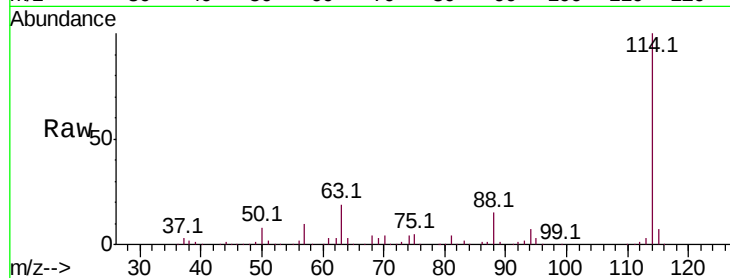
Tot Ion:114 Resp: 308321

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.2

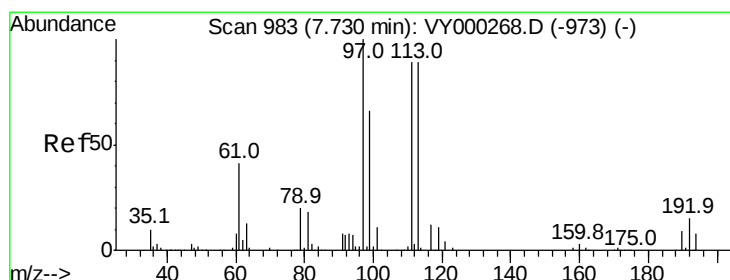
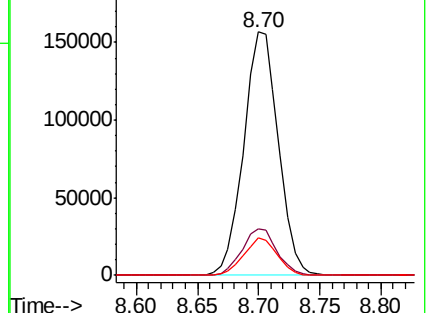
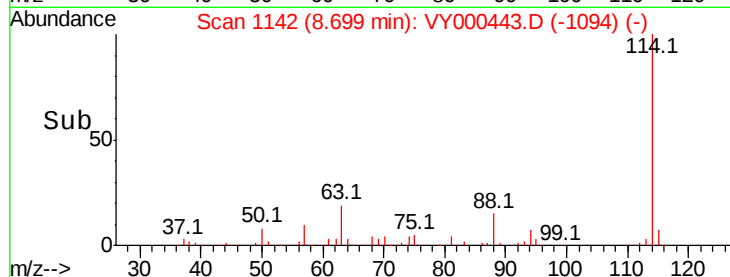
88 15.4 0.0 30.2



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: 47.897 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

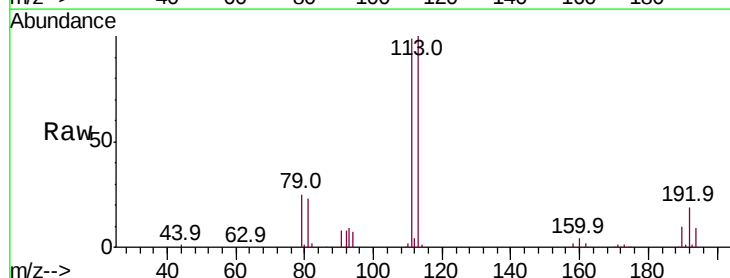
Tgt Ion:113 Resp: 89079

Ion Ratio Lower Upper

113 100

111 104.7 81.6 122.4

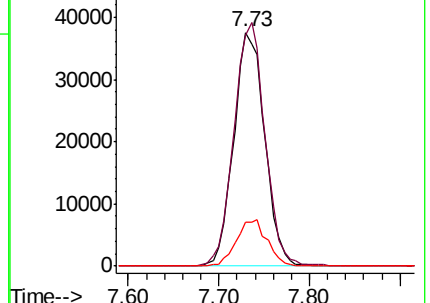
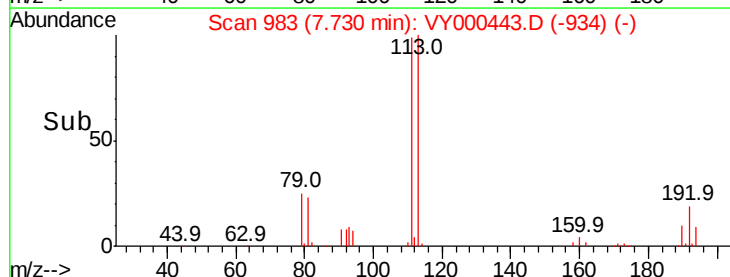
192 19.7 15.3 22.9

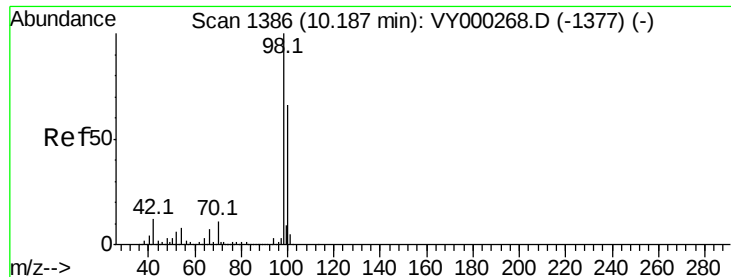


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.825 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

Instrument :

MSVOA_Y

ClientSampleId :

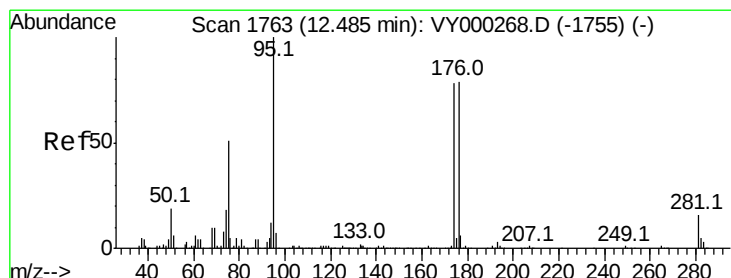
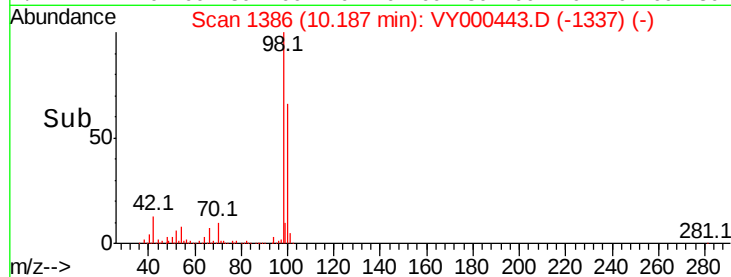
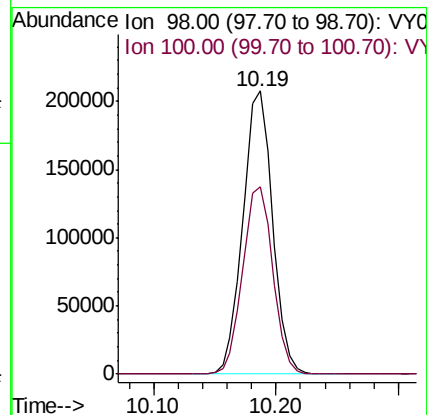
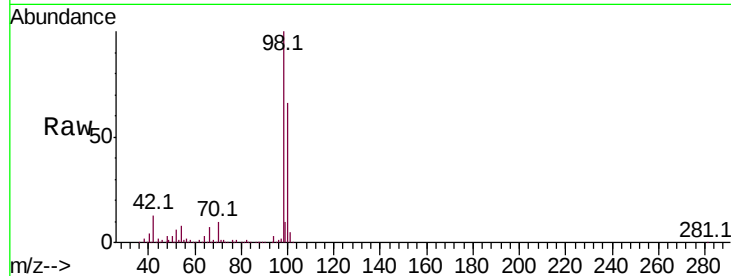
158-30-(1)

Tot Ion: 98 Resp: 349307

Ion Ratio Lower Upper

98 100

100 67.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 38.350 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000443.D

Acq: 25 Oct 2019 20:43

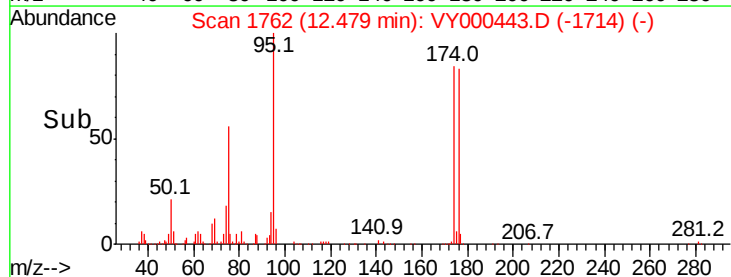
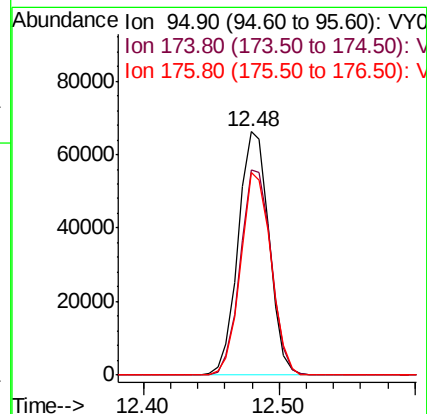
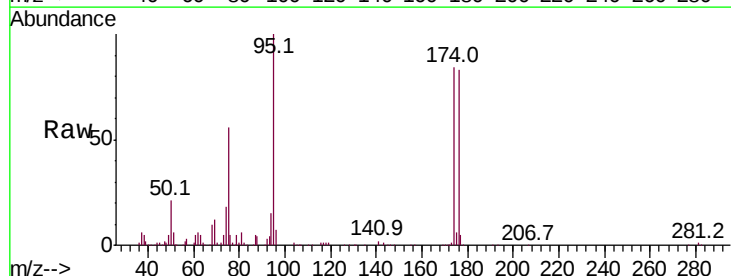
Tgt Ion: 95 Resp: 104235

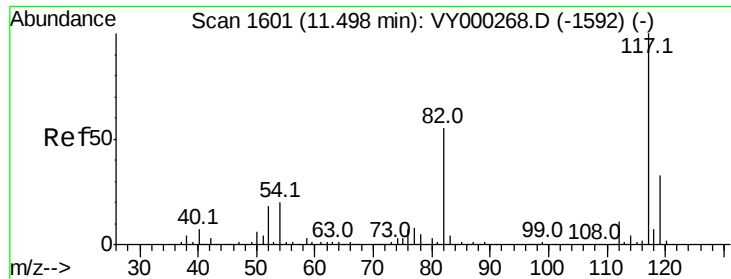
Ion Ratio Lower Upper

95 100

174 84.5 0.0 159.6

176 82.6 0.0 153.8

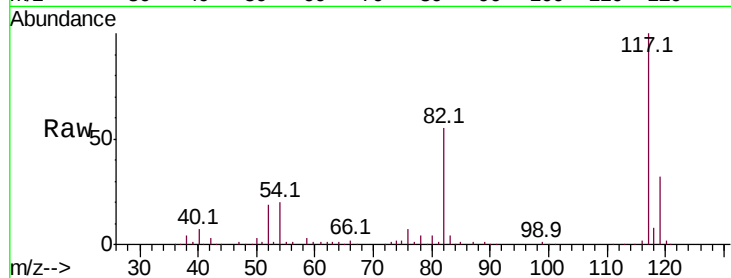




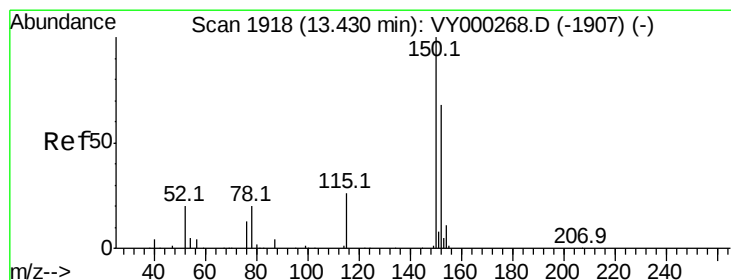
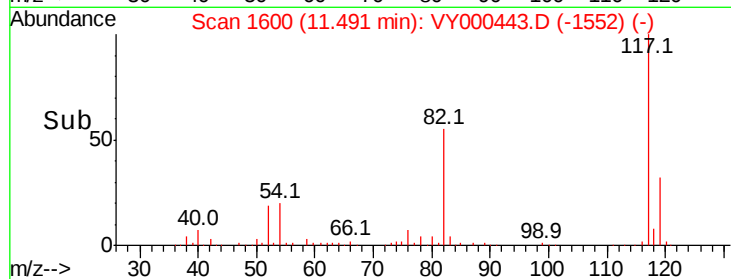
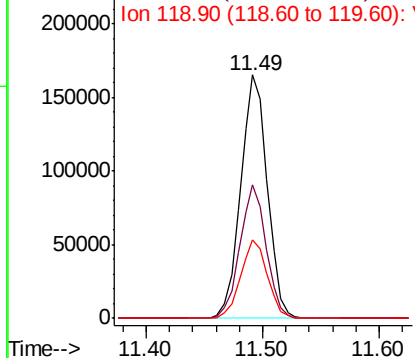
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Instrument :
MSVOA_Y
ClientSampled :
158-30-(1)

Tot Ion:117 Resp: 262154
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.0 26.6 39.8

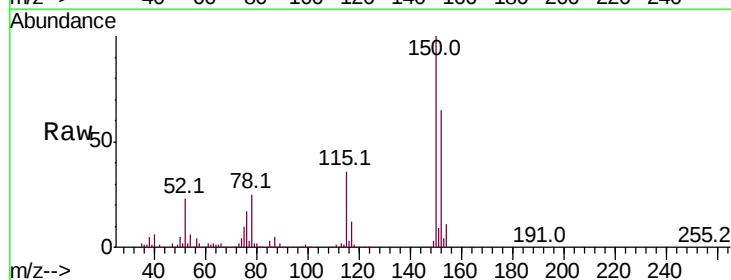


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000443.D
Acq: 25 Oct 2019 20:43

Tgt Ion:152 Resp: 98516
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 153.8 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

