

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000354.D
 Acq On : 18 Oct 2019 16:34
 Operator : SY/MD
 Sample : K5448-01
 Misc : 8.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

Quant Time: Oct 19 01:28:56 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	245535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	418278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169727	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	148041	57.16	ug/l	0.00
Spiked Amount						
			Recovery	=	114.32%	
35) Dibromofluoromethane	7.73	113	123705	49.03	ug/l	0.00
Spiked Amount						
			Recovery	=	98.06%	
50) Toluene-d8	10.18	98	488055	50.29	ug/l	0.00
Spiked Amount						
			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.48	95	166010	45.02	ug/l	0.00
Spiked Amount						
			Recovery	=	90.04%	

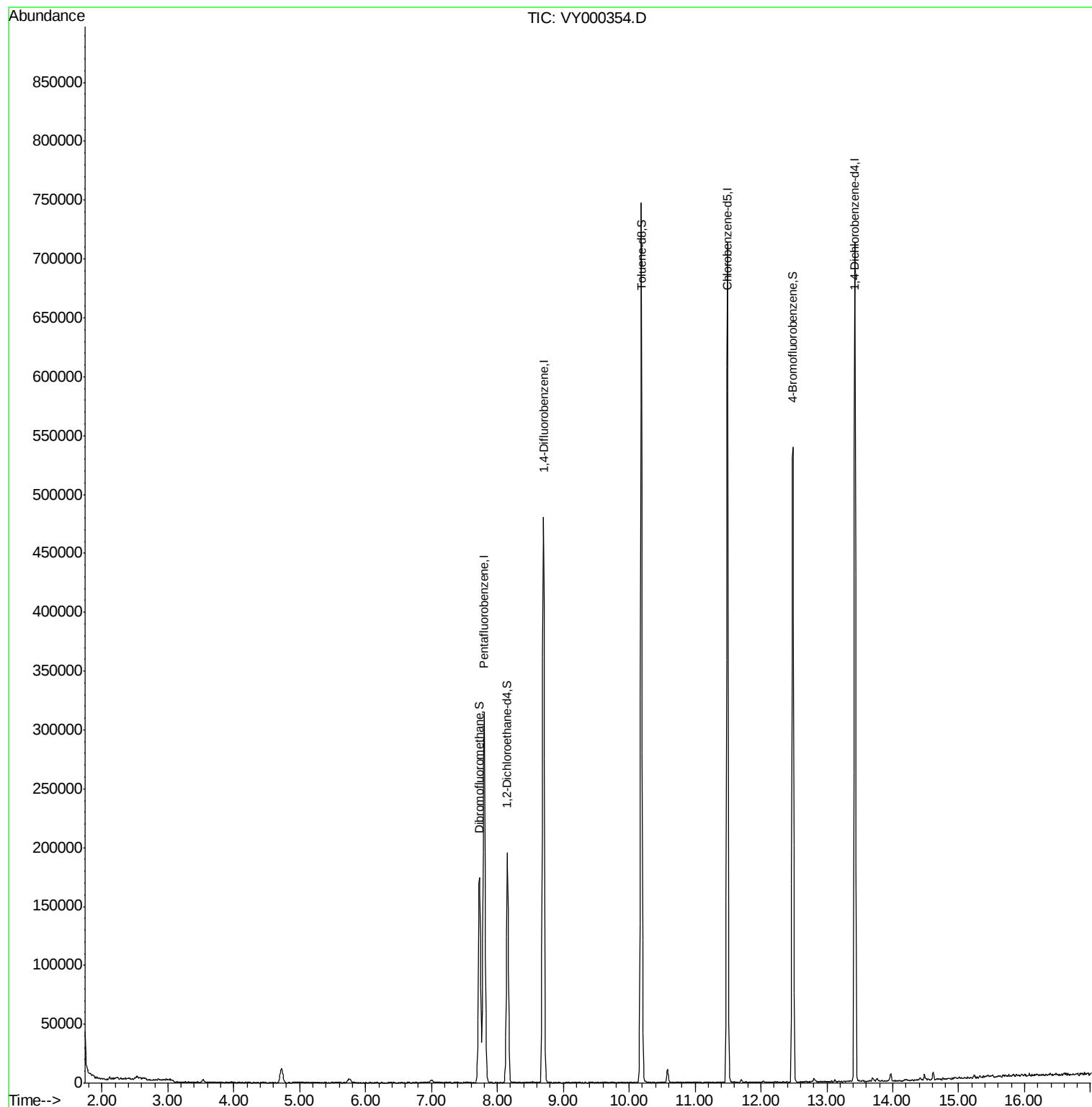
Target Compounds	Qvalue
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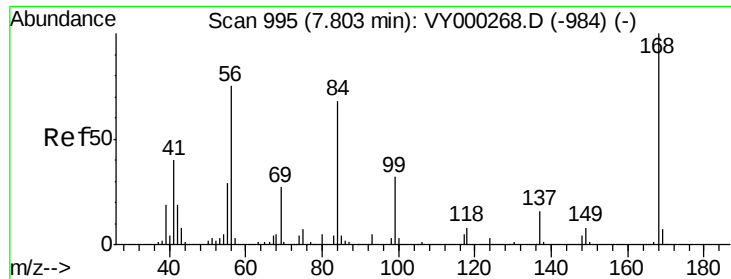
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000354.D

Acq: 18 Oct 2019 16:34

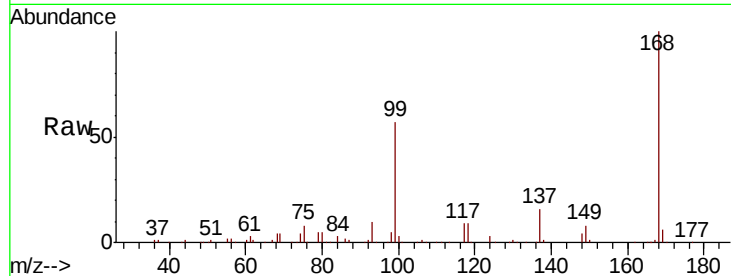
Instrument :
MSVOA_Y
ClientSampled :
SP

Tot Ion:168 Resp: 245535

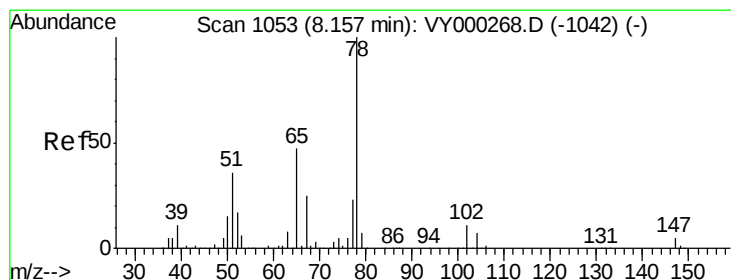
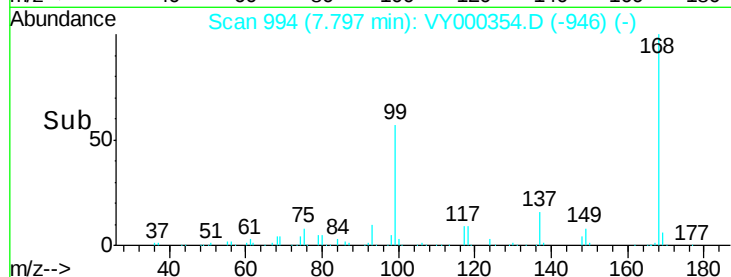
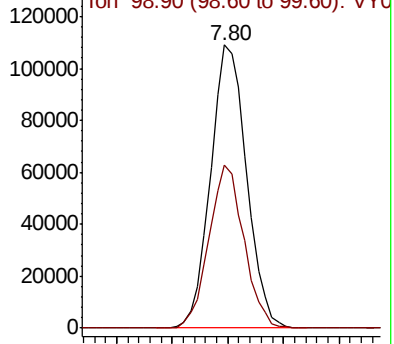
Ion Ratio Lower Upper

168 100

99 57.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000354.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.158 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000354.D

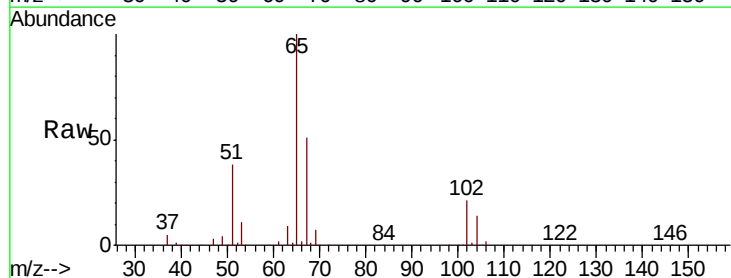
Acq: 18 Oct 2019 16:34

Tgt Ion: 65 Resp: 148041

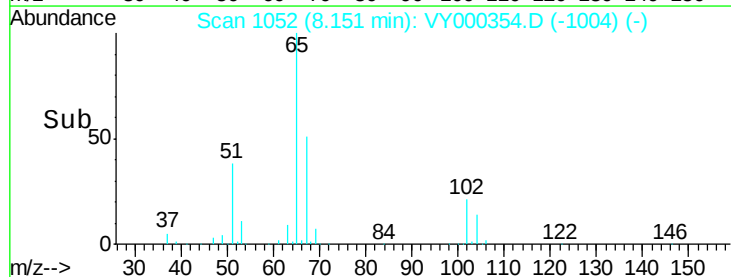
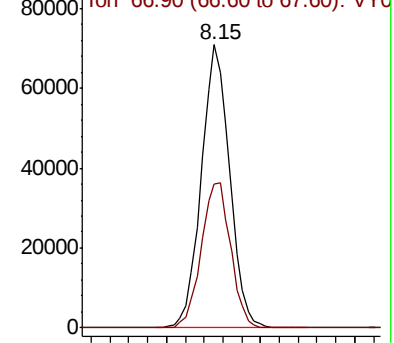
Ion Ratio Lower Upper

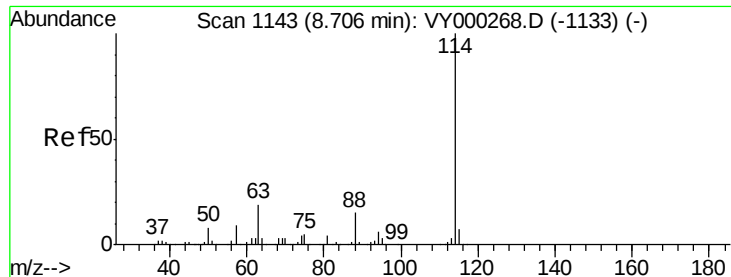
65 100

67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000354.D (-1004) (-)

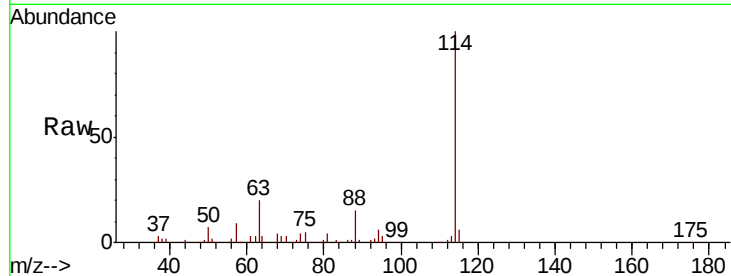




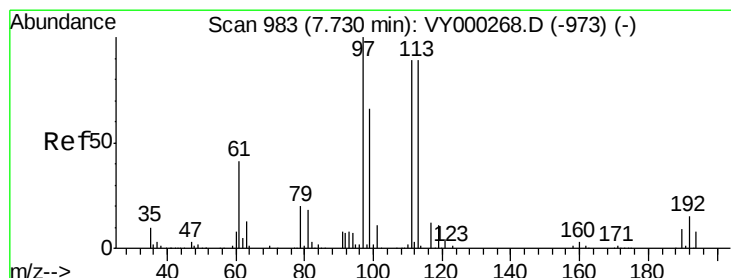
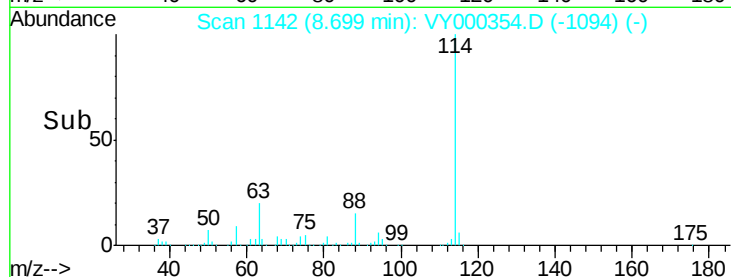
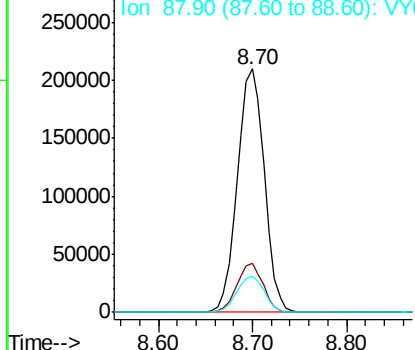
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000354.D
 Acq: 18 Oct 2019 16:34

Instrument :
 MSVOA_Y
 ClientSampled :
 SP

Tot Ion:114 Resp: 418278
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.2
 88 14.7 0.0 30.2

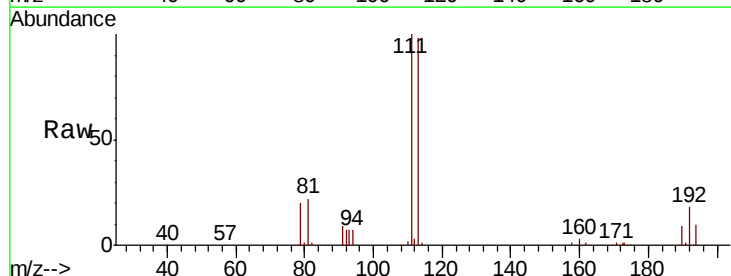


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

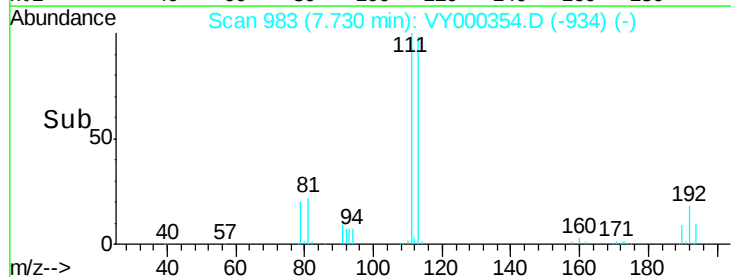
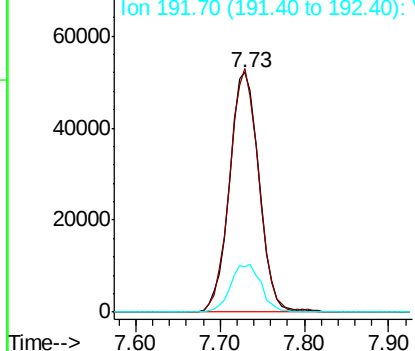


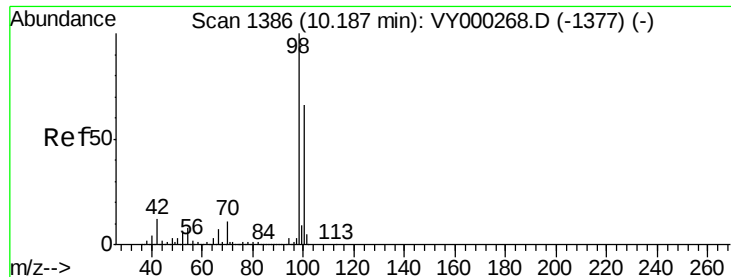
#35
 Dibromofluoromethane
 Concen: 49.029 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000354.D
 Acq: 18 Oct 2019 16:34

Tgt Ion:113 Resp: 123705
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.6 122.4
 192 20.5 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: 50.286 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000354.D

Acq: 18 Oct 2019 16:34

Instrument :

MSVOA_Y

ClientSampleId :

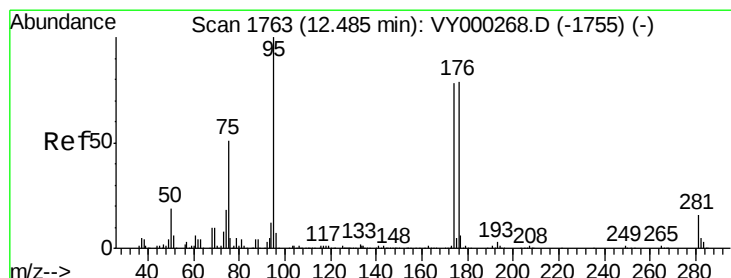
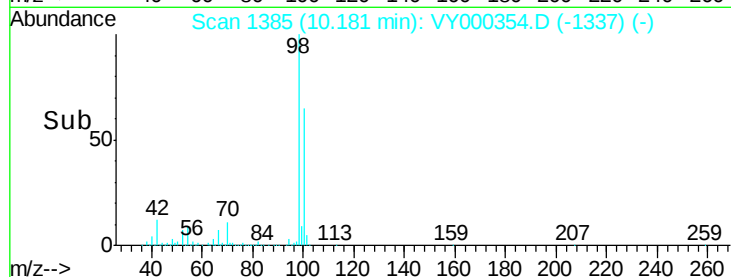
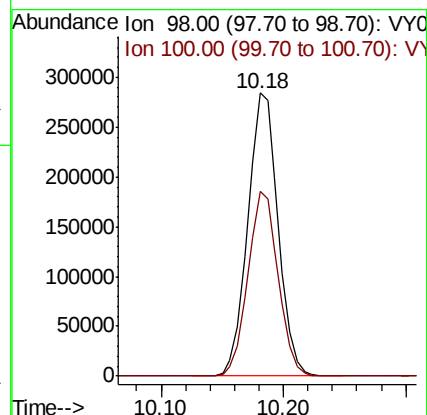
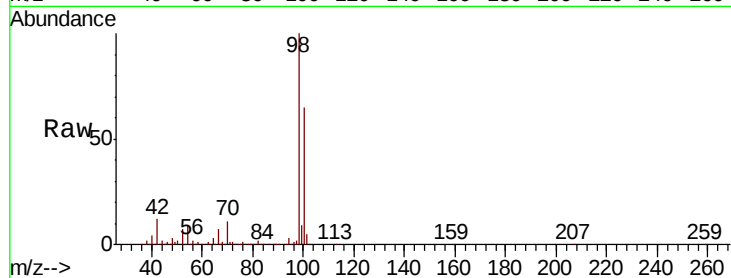
SP

Tot Ion: 98 Resp: 488055

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 45.022 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000354.D

Acq: 18 Oct 2019 16:34

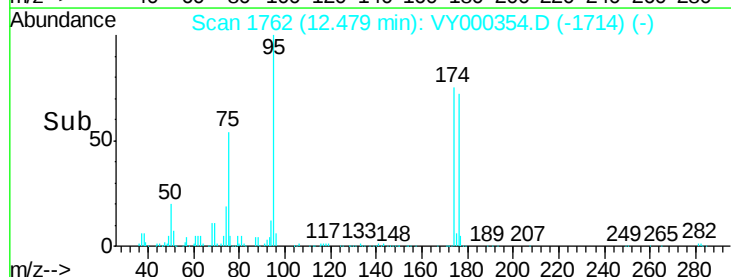
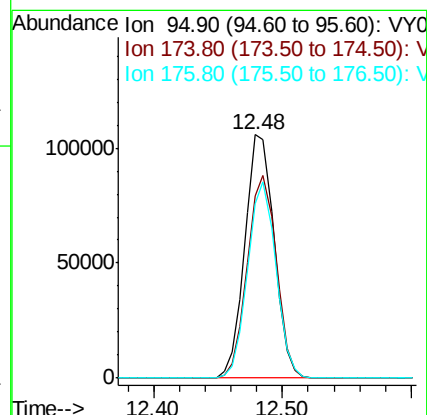
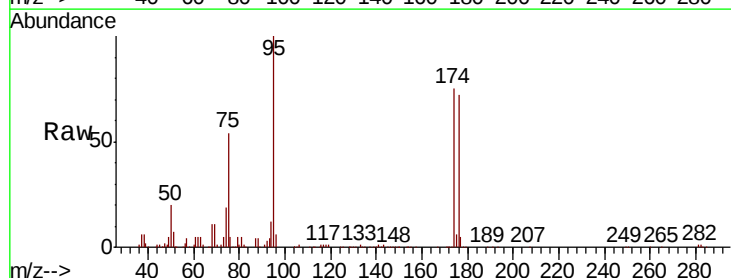
Tgt Ion: 95 Resp: 166010

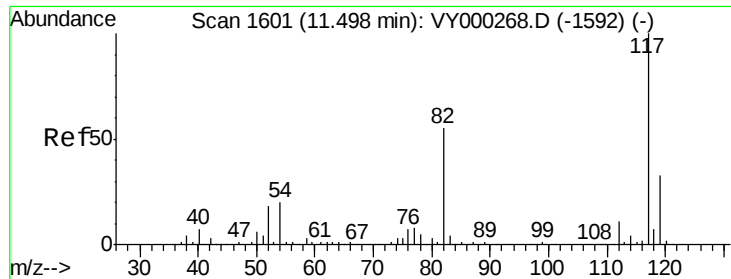
Ion Ratio Lower Upper

95 100

174 82.5 0.0 159.6

176 77.8 0.0 153.8

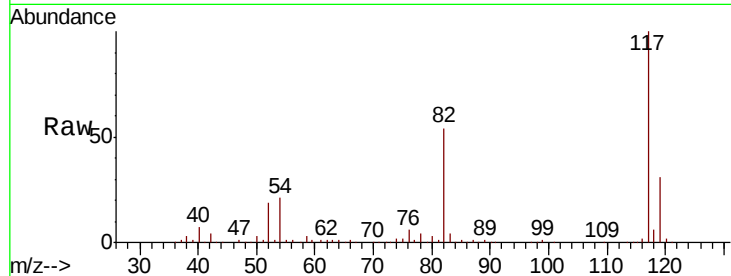




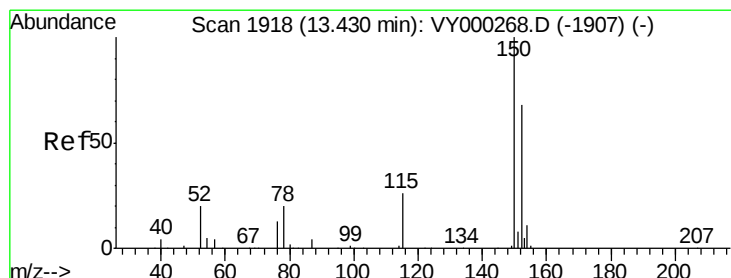
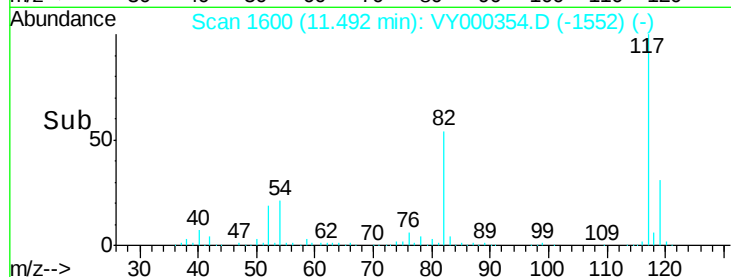
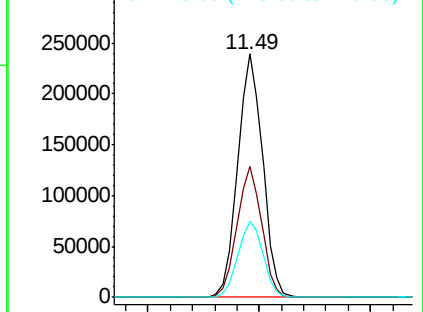
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SP

Tot Ion:117 Resp: 370036
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.0 26.6 39.8

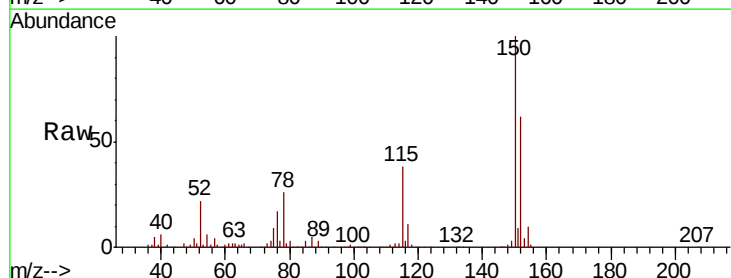


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion:152 Resp: 169727
Ion Ratio Lower Upper
152 100
115 60.5 29.3 88.0
150 160.4 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

