

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000302.D
 Acq On : 14 Oct 2019 16:22
 Operator : SY/MD
 Sample : K5325-07
 Misc : 4.56g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-10-F

Quant Time: Oct 15 02:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

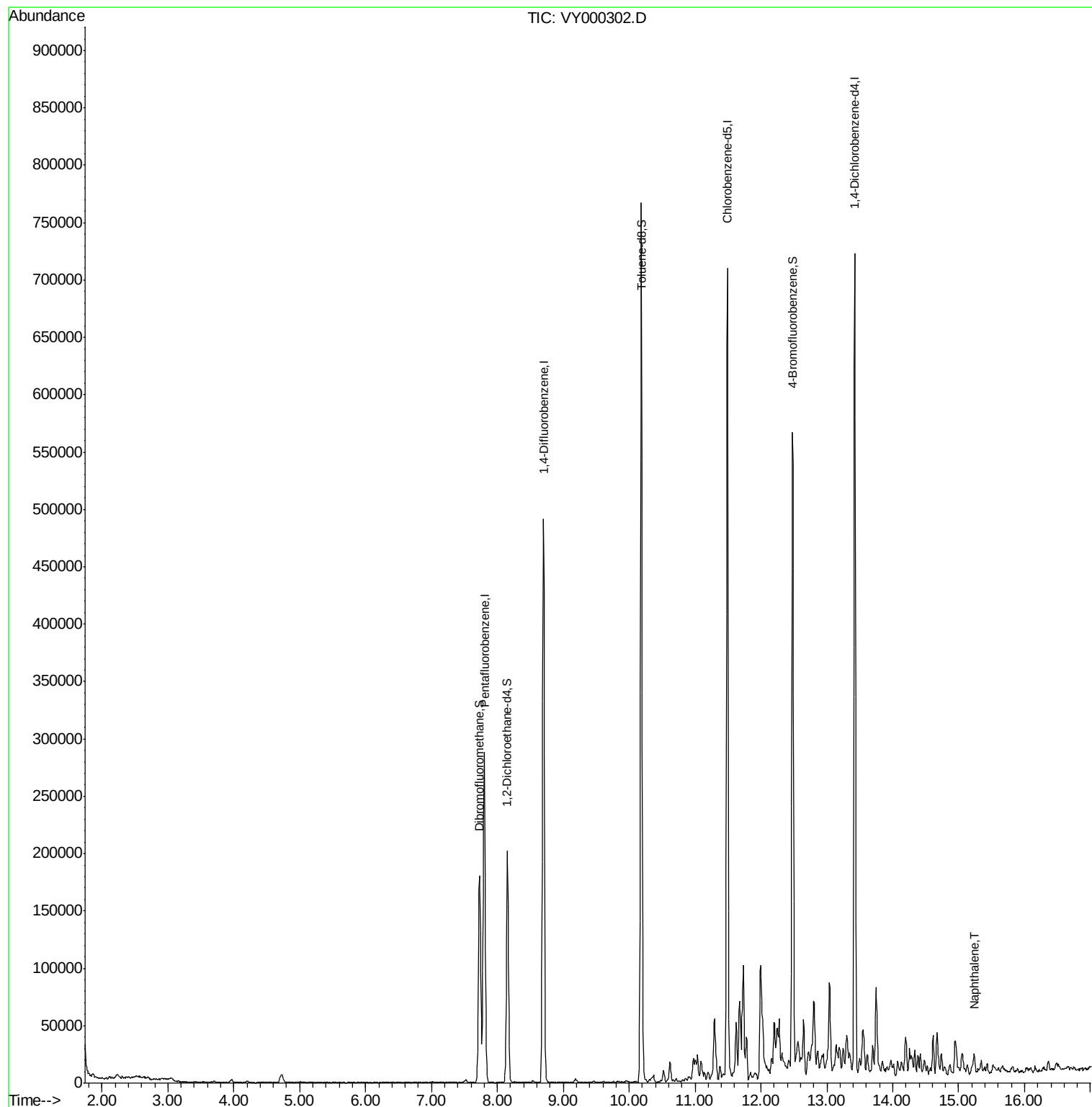
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	219526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150527	65.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.00%	
35) Dibromofluoromethane	7.73	113	126168	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.19	98	493411	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.48	95	171566	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
95) Naphthalene	15.23	128	9110	1.110	ug/l	Qvalue 96

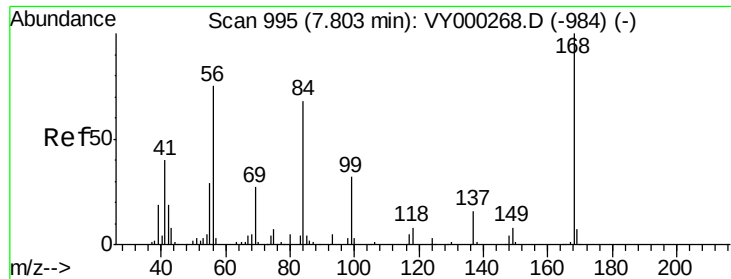
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000302.D

Acq: 14 Oct 2019 16:22

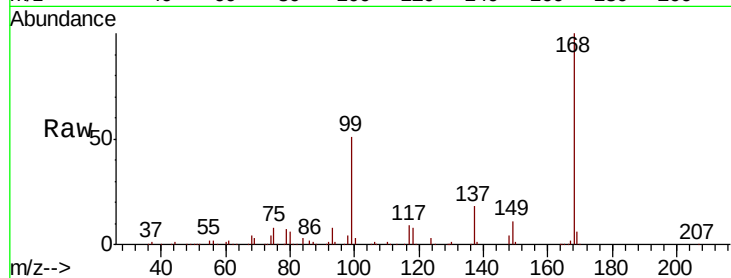
Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

Tot Ion:168 Resp: 219526

Ion Ratio Lower Upper

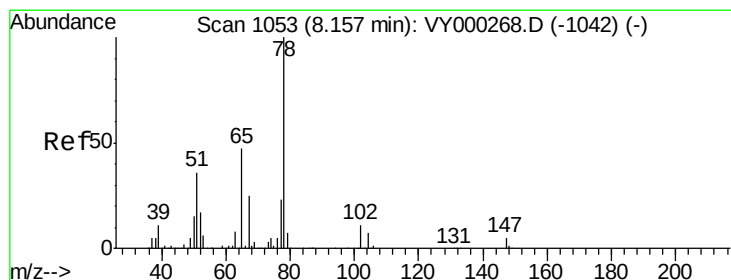
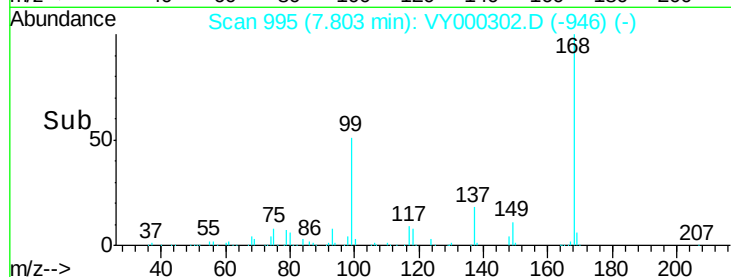
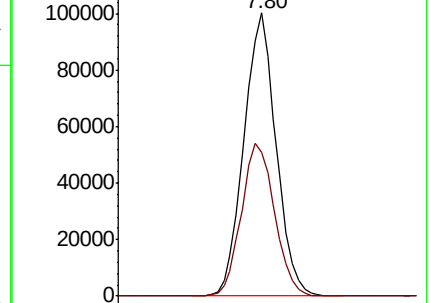
168 100

99 51.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000302.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000302.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 65.004 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000302.D

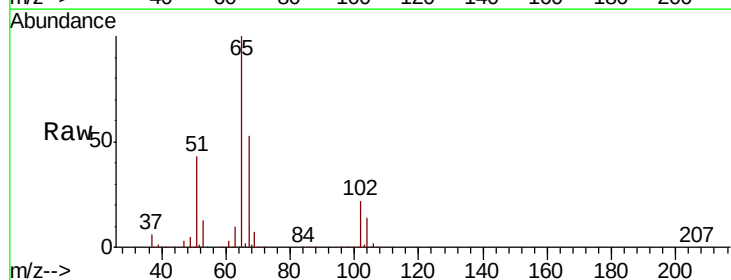
Acq: 14 Oct 2019 16:22

Tgt Ion: 65 Resp: 150527

Ion Ratio Lower Upper

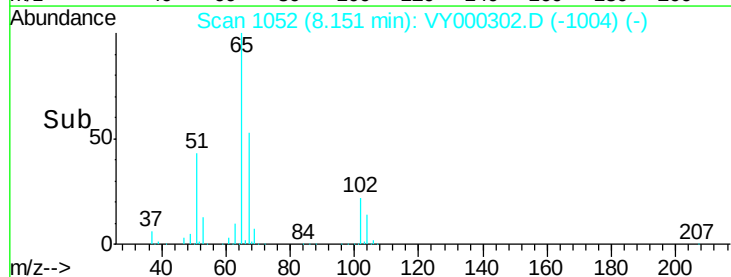
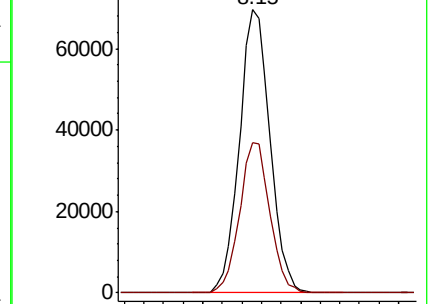
65 100

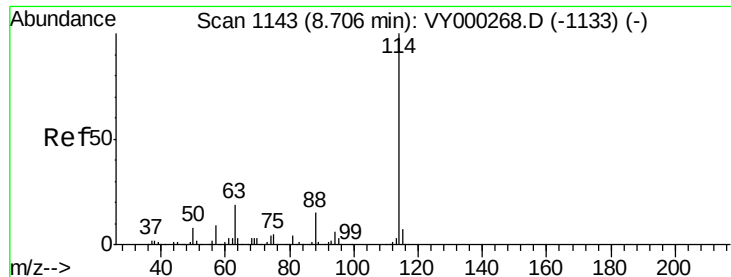
67 52.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000302.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000302.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: VY000302.D

Acq: 14 Oct 2019 16:22

Instrument :
MSVOA_Y
ClientSampled :
10-10-F

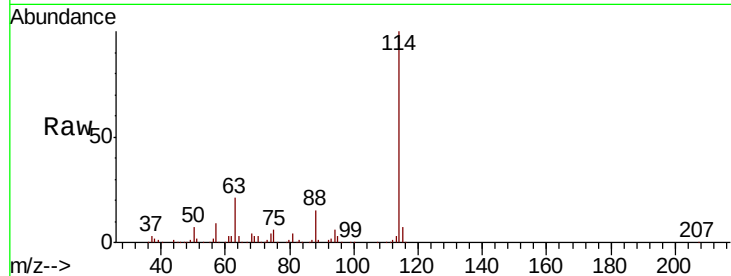
Tot Ion:114 Resp: 413655

Ion Ratio Lower Upper

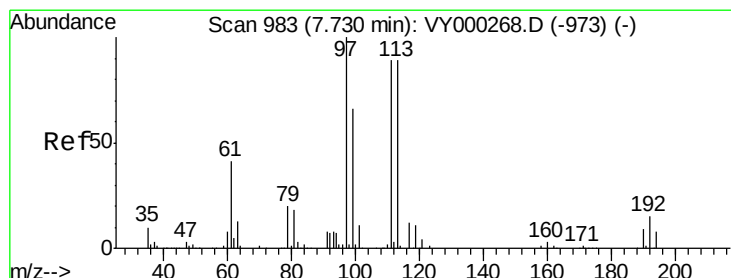
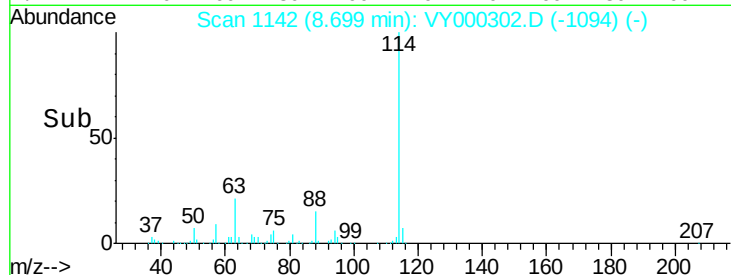
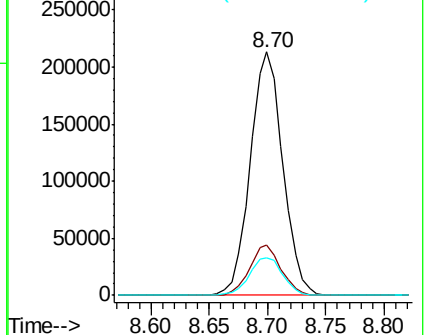
114 100

63 20.8 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: 50.564 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000302.D

Acq: 14 Oct 2019 16:22

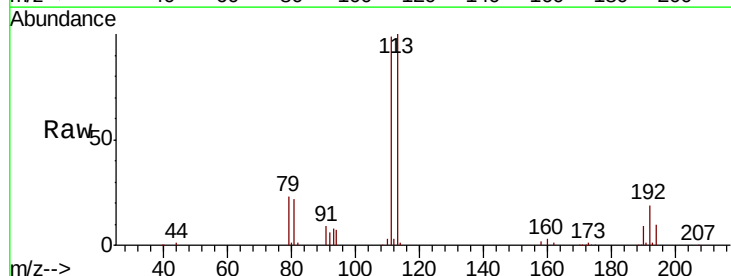
Tgt Ion:113 Resp: 126168

Ion Ratio Lower Upper

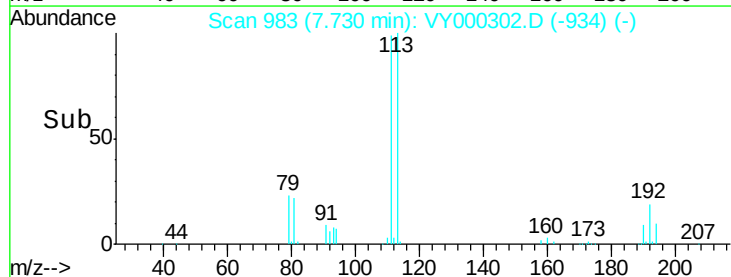
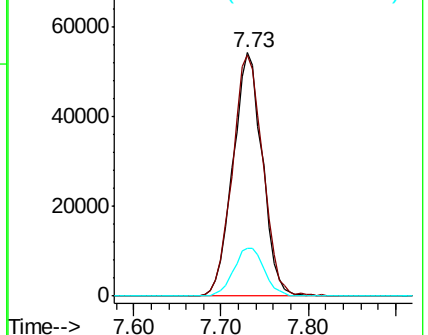
113 100

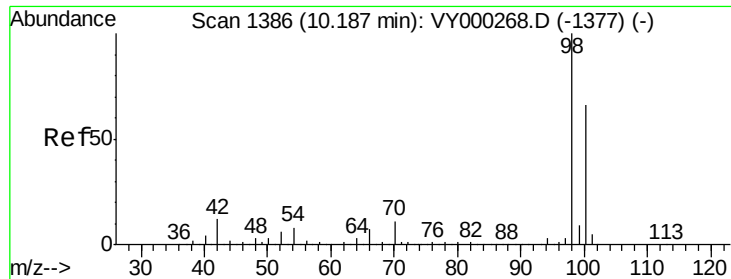
111 103.0 81.6 122.4

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

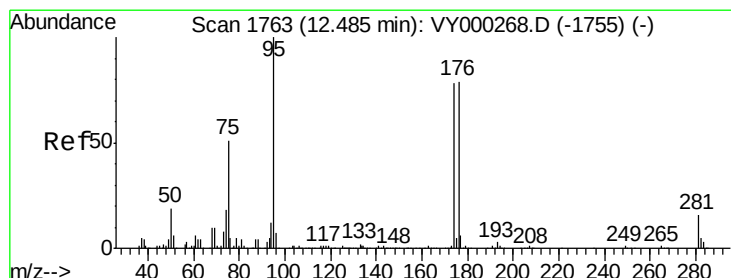
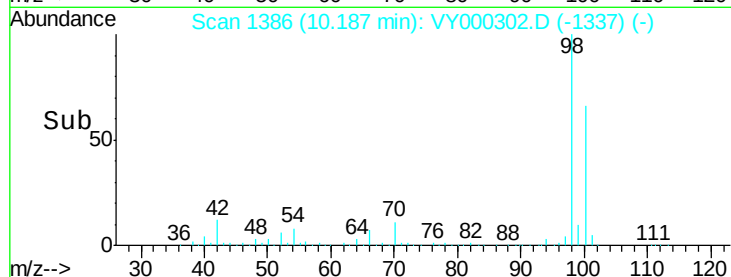
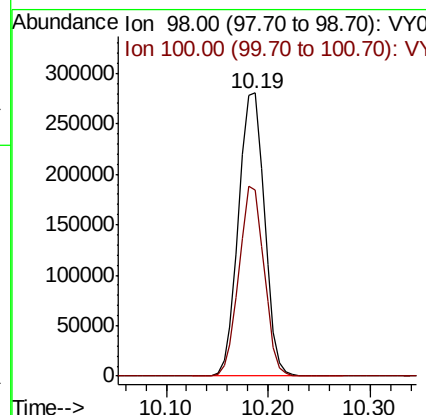
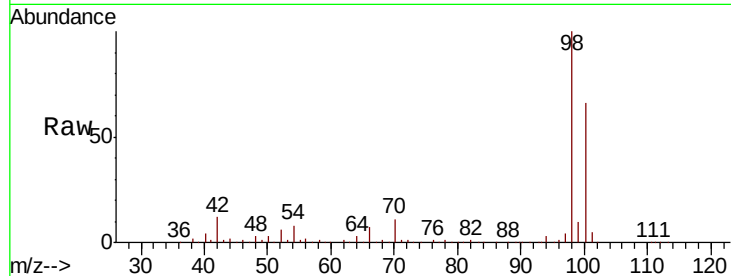




#50
Toluene-d8
Concen: 51.406 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

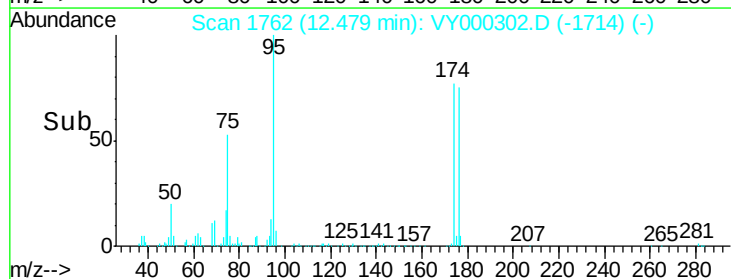
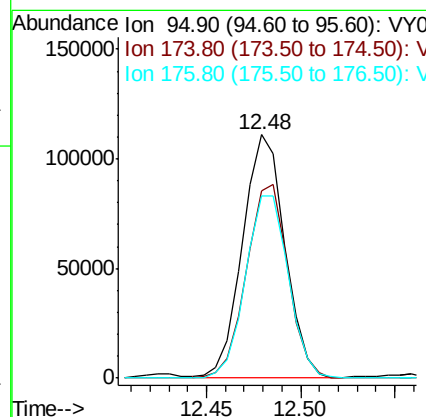
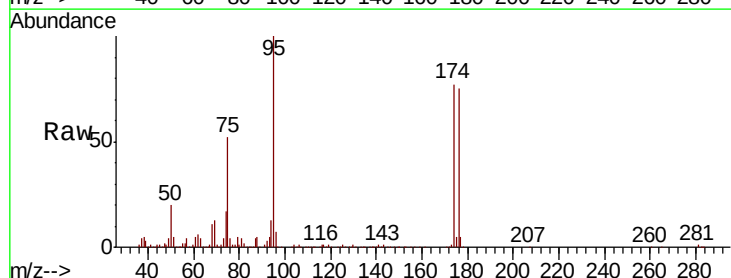
Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

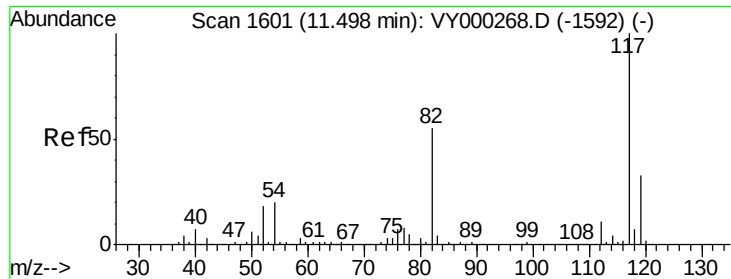
Tot Ion: 98 Resp: 493411
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.049 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Tgt Ion: 95 Resp: 171566
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.6
176 76.6 0.0 153.8

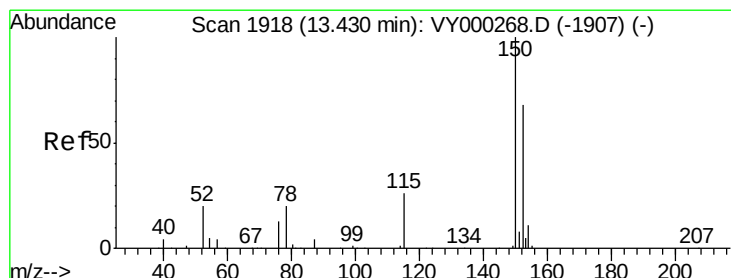
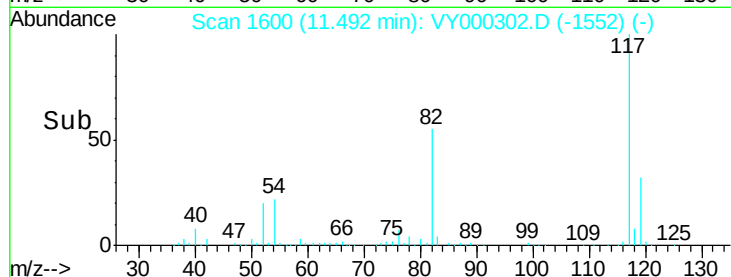
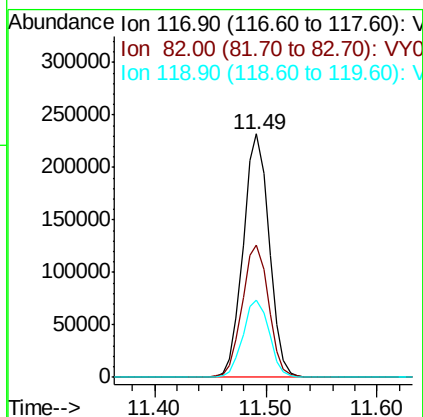
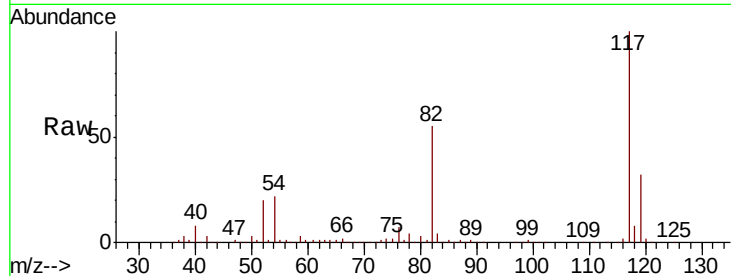




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

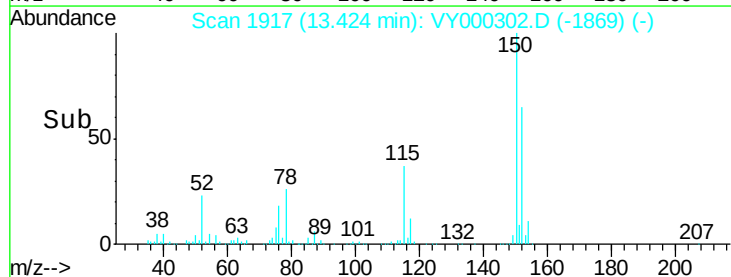
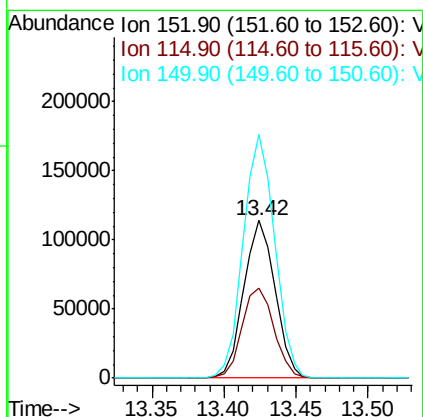
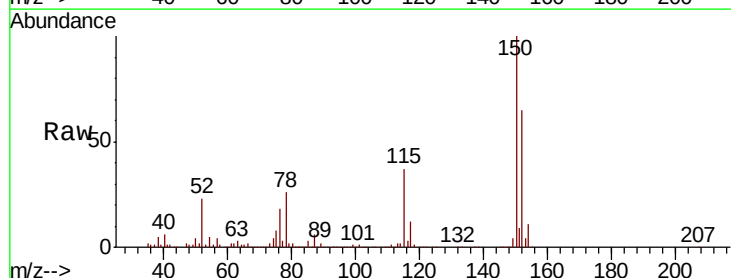
Instrument :
MSVOA_Y
ClientSampleId :
10-10-F

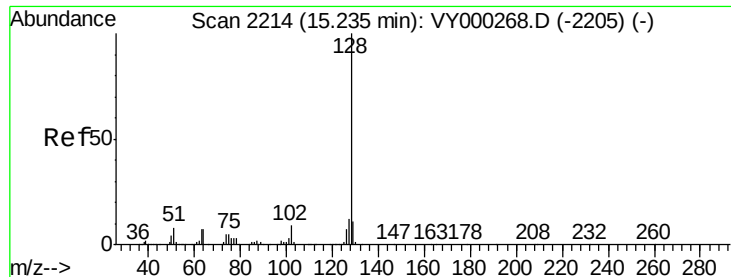
Tot Ion:117 Resp: 376782
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Tgt Ion:152 Resp: 170770
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 156.4 0.0 348.4





#95

Naphthalene

Concen: 1.110 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000302.D

Acq: 14 Oct 2019 16:22

Instrument :

MSVOA_Y

ClientSampleId :

10-10-F

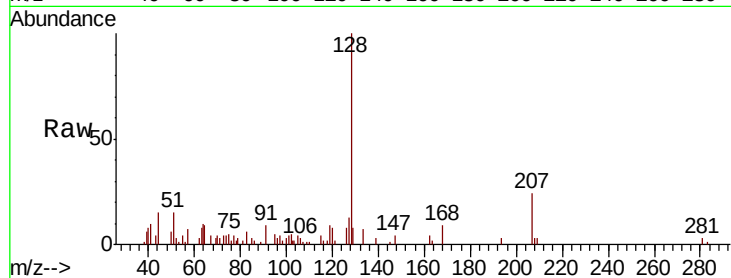
Tot Ion:128 Resp: 9110

Ion Ratio Lower Upper

128 100

127 13.3 9.6 14.4

129 12.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

