

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000924.D
 Acq On : 09 Dec 2019 19:46
 Operator : SY/MD
 Sample : K6204-12
 Misc : 7.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AB-SB-5

Quant Time: Dec 10 08:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

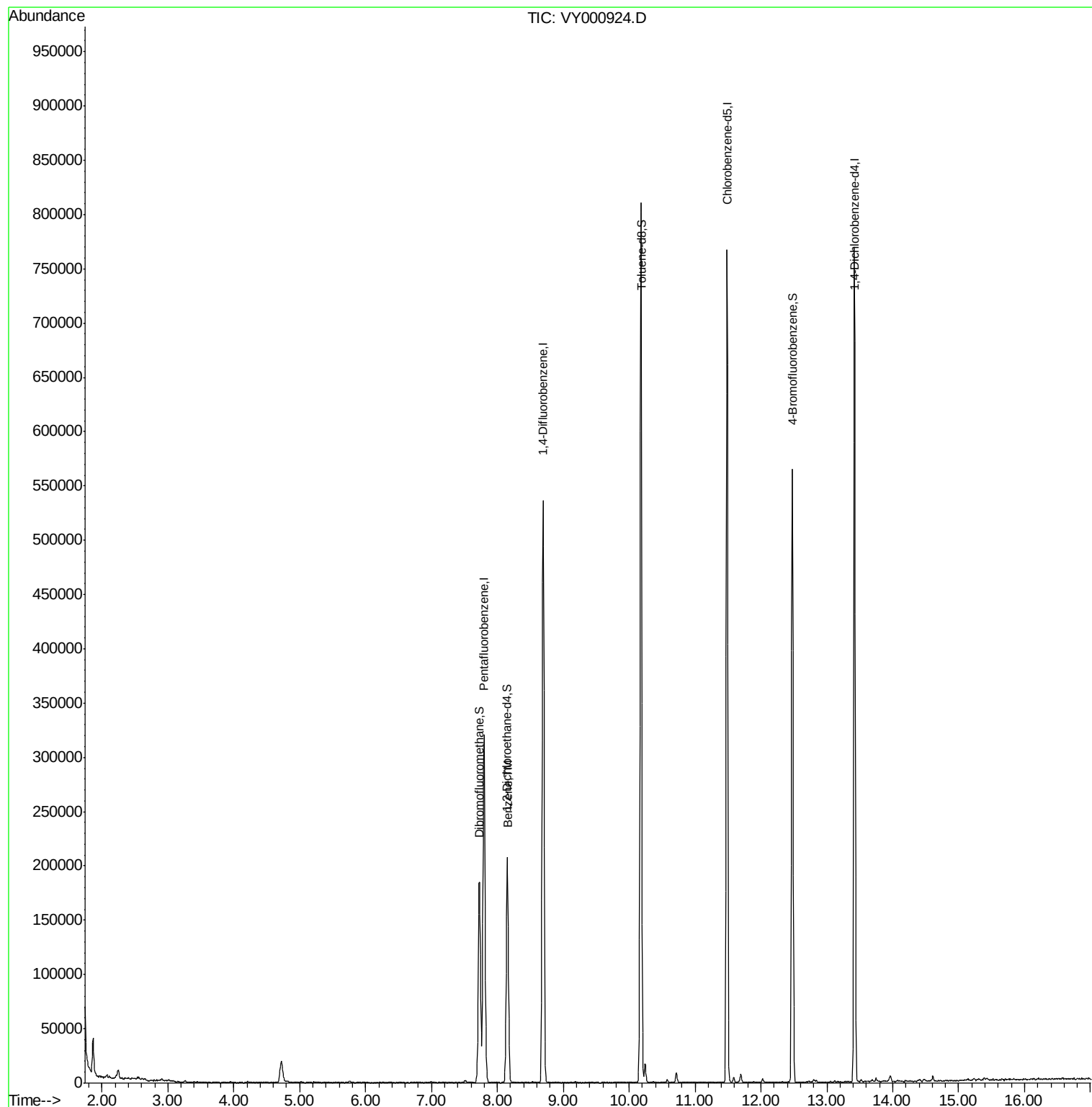
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	453999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149169	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
35) Dibromofluoromethane	7.72	113	136516	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	10.18	98	535455	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.47	95	185121	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
40) Benzene	8.16	78	16372	1.245	ug/l	Qvalue 93

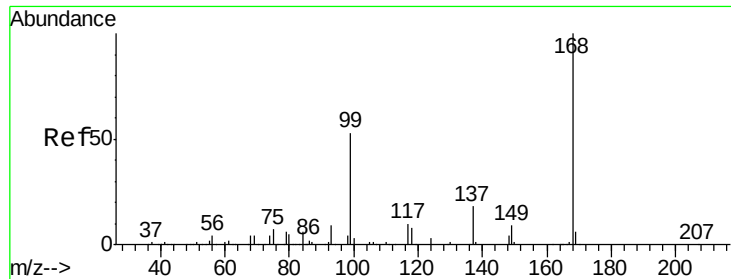
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000924.D

Acq: 09 Dec 2019 19:46

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MSVOA_Y

ClientSampleId :

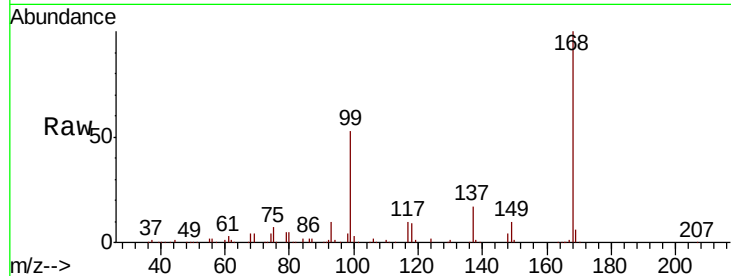
K072-AB-SB-5

Tot Ion:168 Resp: 246859

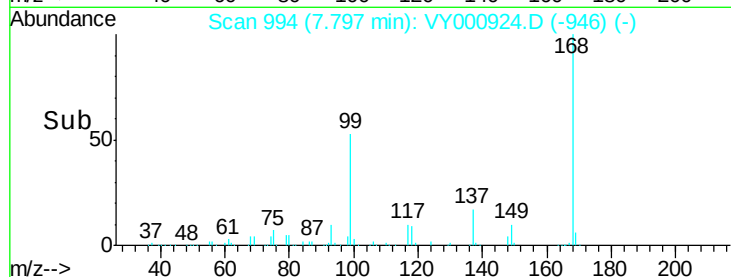
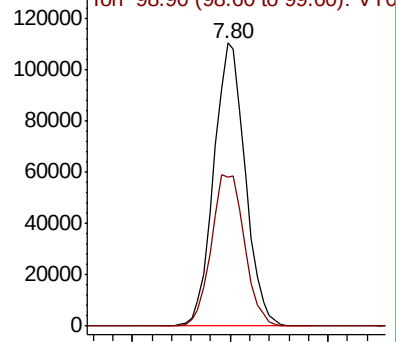
Ion Ratio Lower Upper

168 100

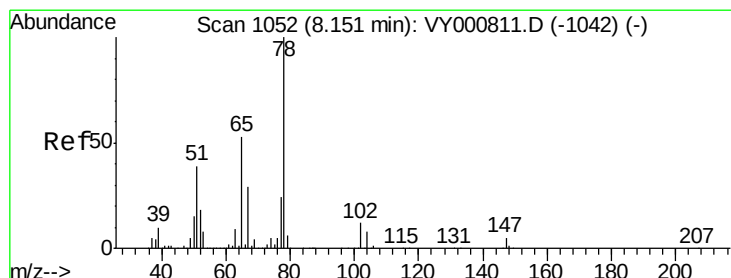
99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000924.D (-946) (-)



Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.868 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000924.D

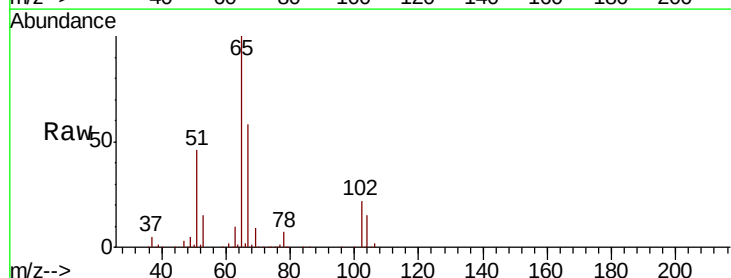
Acq: 09 Dec 2019 19:46

Tgt Ion: 65 Resp: 149169

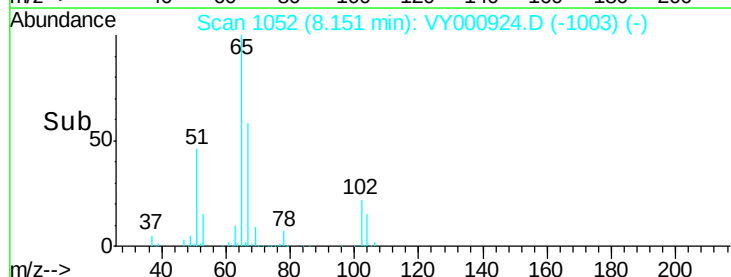
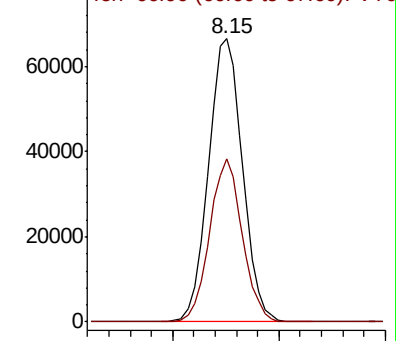
Ion Ratio Lower Upper

65 100

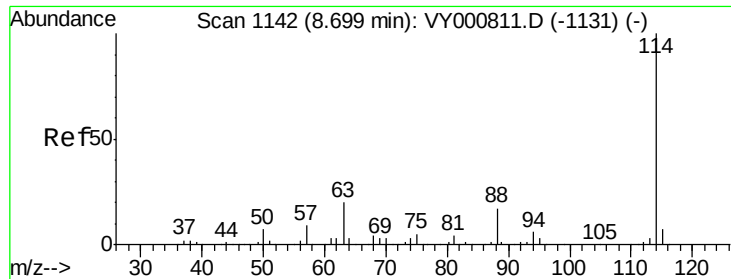
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000924.D (-1003) (-)



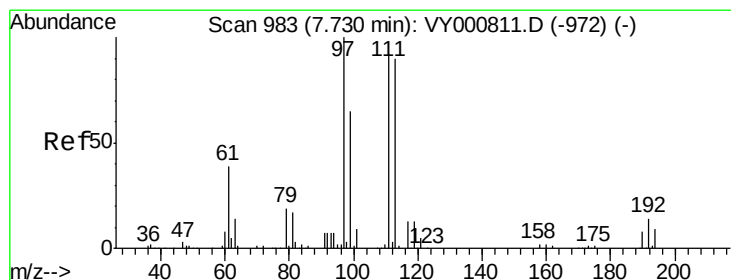
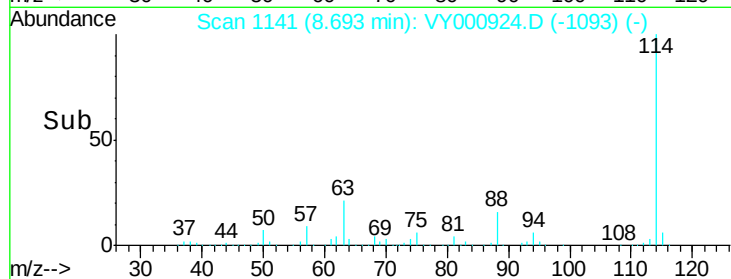
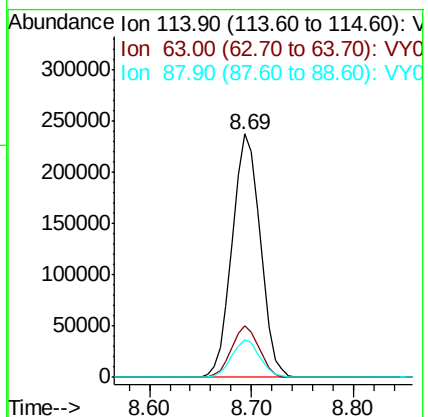
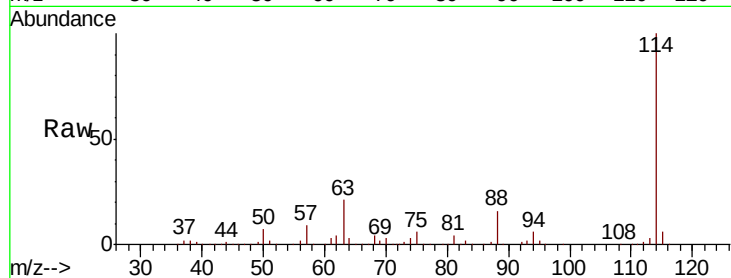
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000924.D
 Acq: 09 Dec 2019 19:46

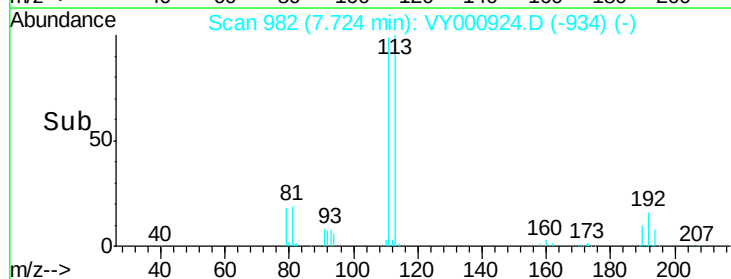
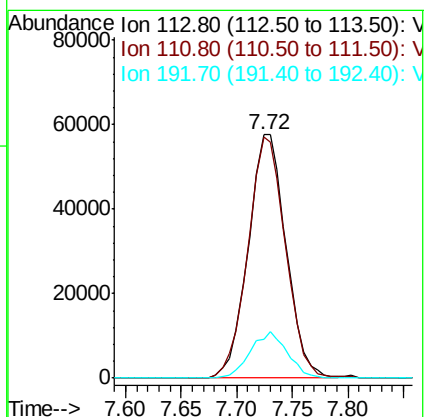
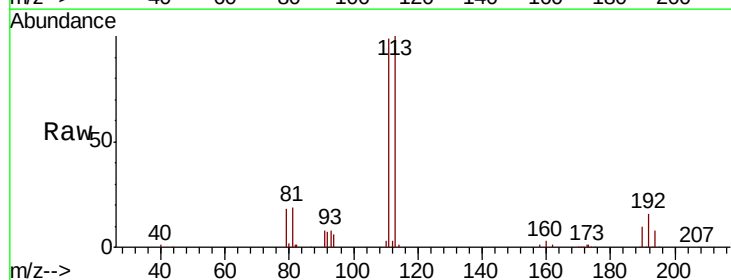
Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AB-SB-5

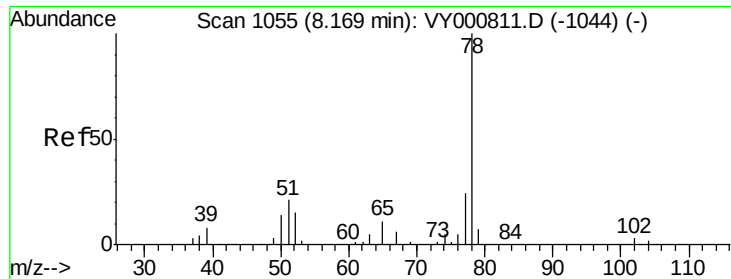
Tot Ion:114 Resp: 453999
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 51.595 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000924.D
 Acq: 09 Dec 2019 19:46

Tgt Ion:113 Resp: 136516
 Ion Ratio Lower Upper
 113 100
 111 98.6 82.4 123.6
 192 18.6 14.2 21.2





#40

Benzene

Concen: 1.245 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY000924.D

Acq: 09 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

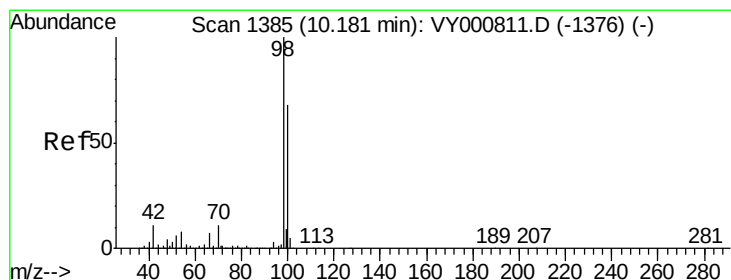
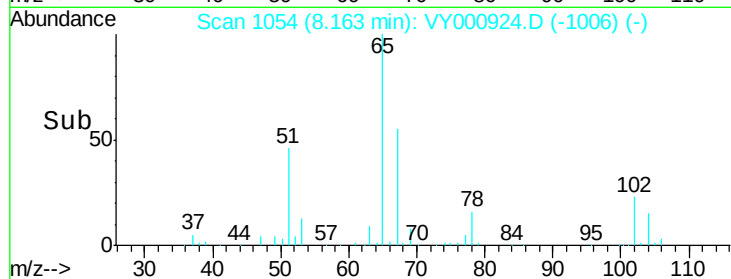
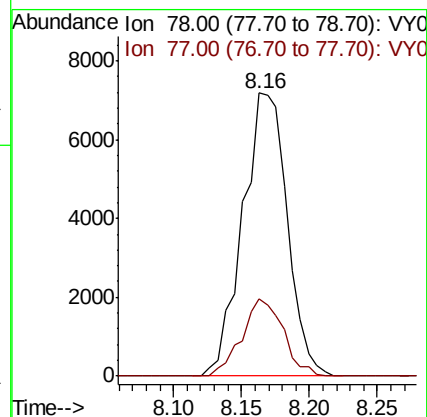
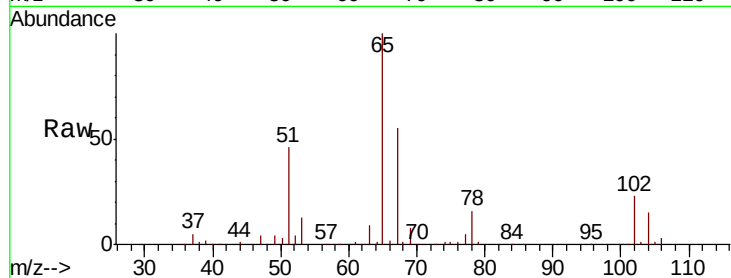
K072-AB-SB-5

Tot Ion: 78 Resp: 16372

Ion Ratio Lower Upper

78 100

77 27.5 19.2 28.8



#50

Toluene-d8

Concen: 50.619 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000924.D

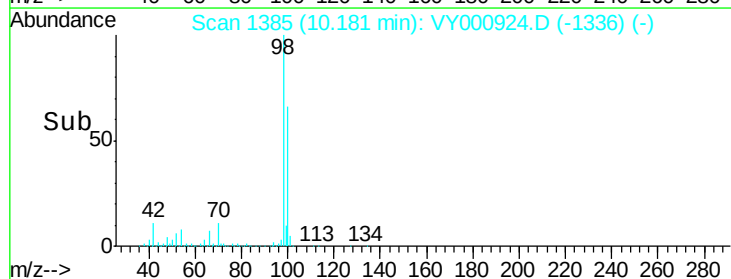
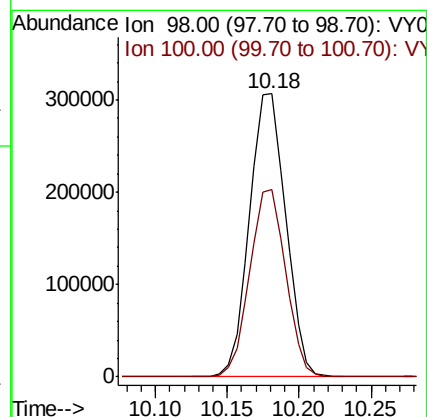
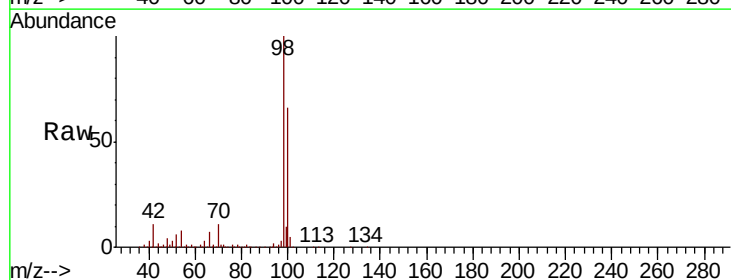
Acq: 09 Dec 2019 19:46

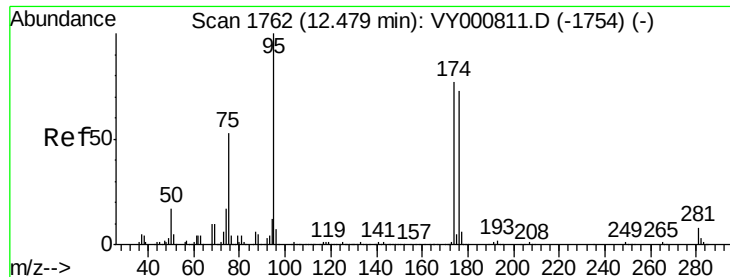
Tgt Ion: 98 Resp: 535455

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

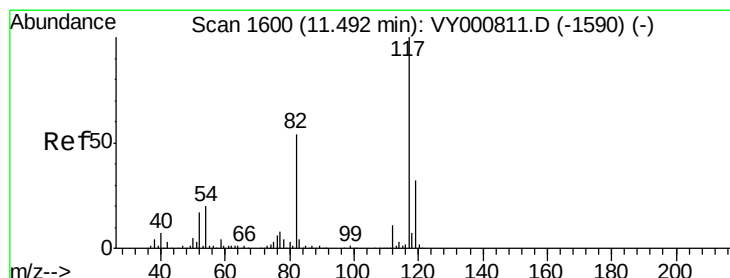
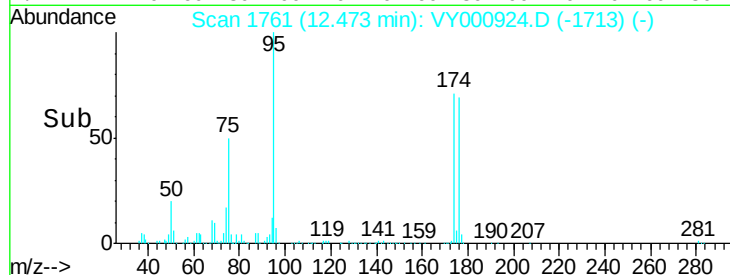
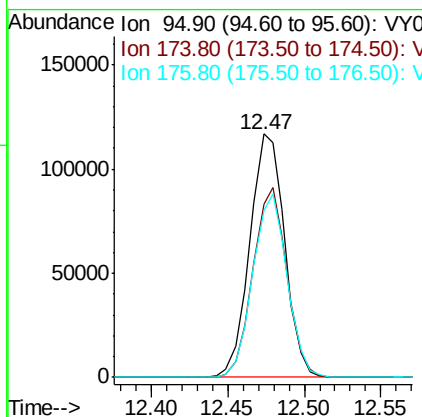
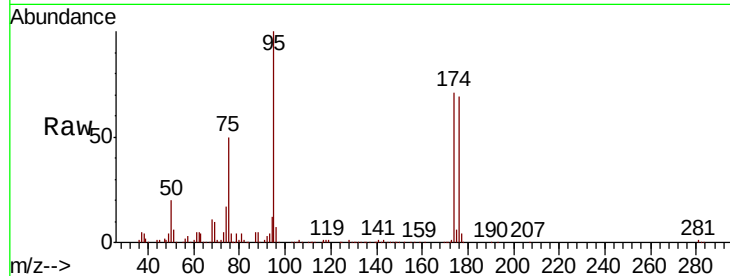




#62
4-Bromofluorobenzene
Concen: 46.599 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000924.D
Acq: 09 Dec 2019 19:46

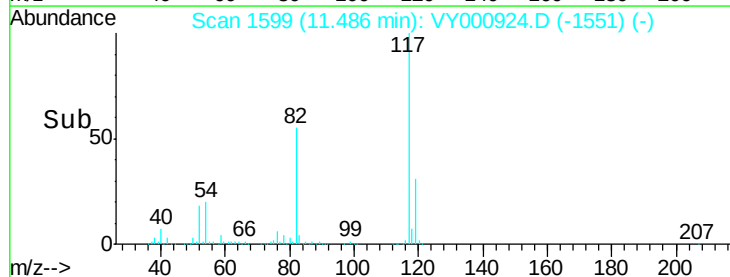
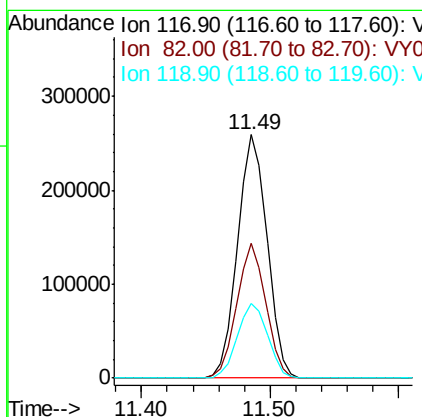
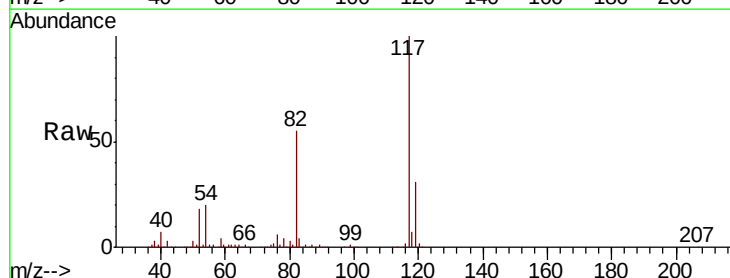
Instrument :
MSVOA_Y
ClientSampleId :
K072-AB-SB-5

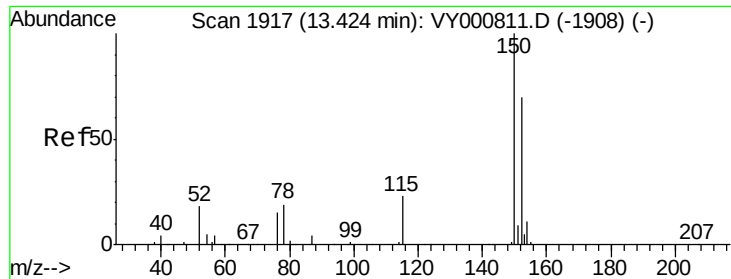
Tot Ion: 95 Resp: 185121
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.6
176 74.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000924.D
Acq: 09 Dec 2019 19:46

Tgt Ion: 117 Resp: 411200
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 30.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000924.D

Acq: 09 Dec 2019 19:46

Instrument :

MSVOA_Y

ClientSampleId :

K072-AB-SB-5

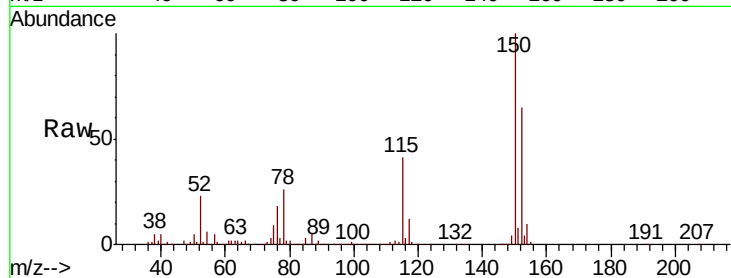
Tot Ion:152 Resp: 183461

Ion Ratio Lower Upper

152 100

115 61.1 29.3 87.8

150 158.5 0.0 351.2



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

