

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000915.D
 Acq On : 09 Dec 2019 16:26
 Operator : SY/MD
 Sample : K6204-01
 Misc : 6.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-1

Quant Time: Dec 10 08:36:09 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

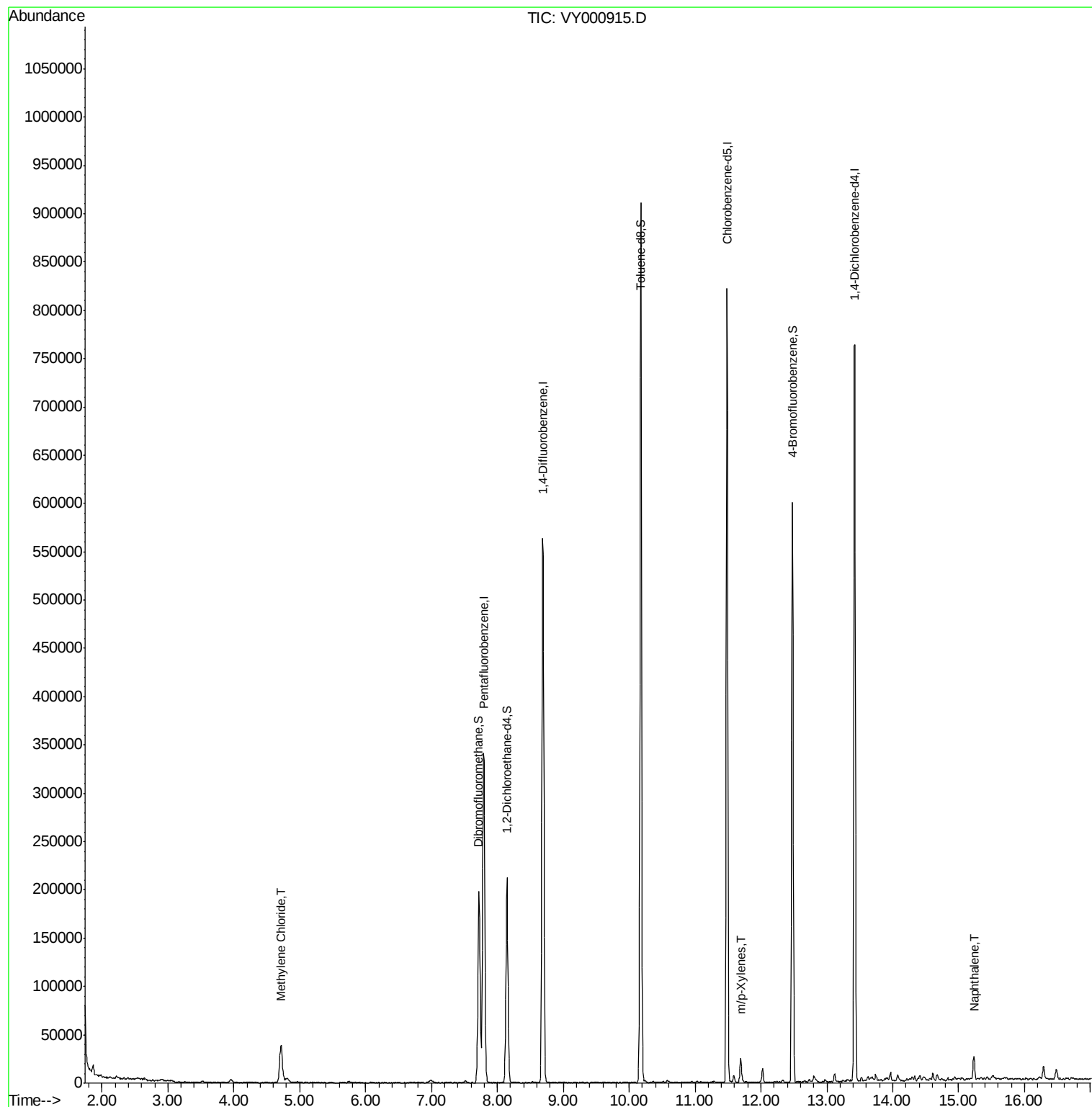
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	265051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	485639	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	436104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	156901	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
35) Dibromofluoromethane	7.72	113	141611	50.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.17	98	577252	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.48	95	190413	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
20) Methylene Chloride	4.72	84	28758	8.444	ug/l	87
68) m/p-Xylenes	11.69	106	7664	1.209	ug/l	96
95) Naphthalene	15.23	128	19205	2.101	ug/l #	96

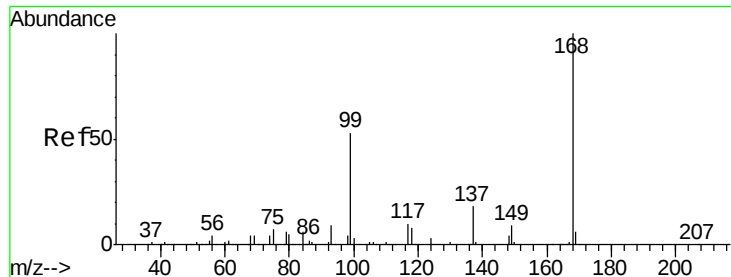
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
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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: VY000915.D

Acq: 09 Dec 2019 16:26

Instrument :

MSVOA_Y

ClientSampleId :

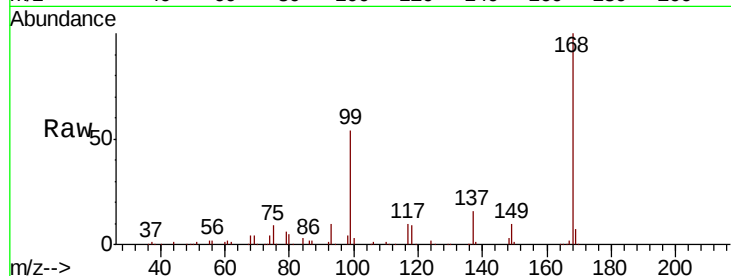
K072-AA-SB-1

Tot Ion:168 Resp: 265051

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000915.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000915.D (-946) (-)

7.80

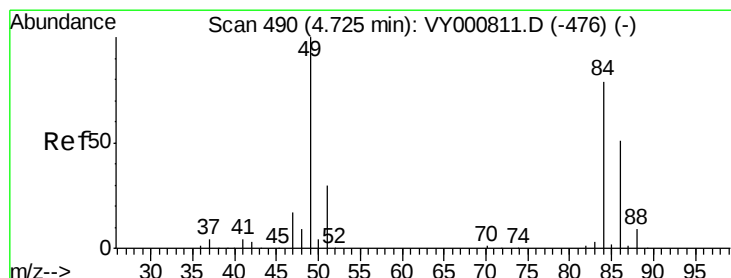
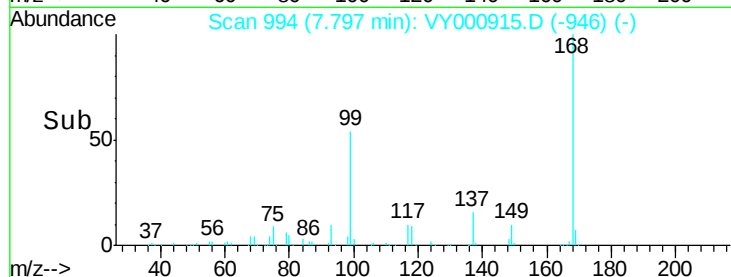
100000

50000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 8.444 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000915.D

Acq: 09 Dec 2019 16:26

Tgt Ion: 84 Resp: 28758

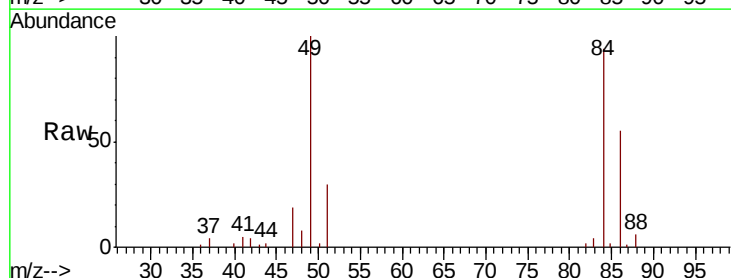
Ion Ratio Lower Upper

84 100

49 106.6 101.3 151.9

51 32.3 30.6 45.8

86 58.4 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000915.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000915.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000915.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000915.D (-441) (-)

4.72

15000

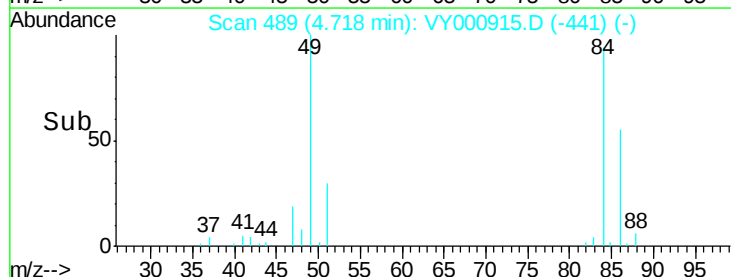
10000

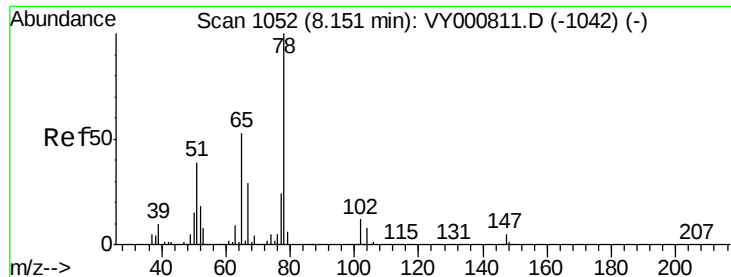
5000

0

4.60 4.70 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.710 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000915.D

Acq: 09 Dec 2019 16:26

Instrument :

MSVOA_Y

ClientSampleId :

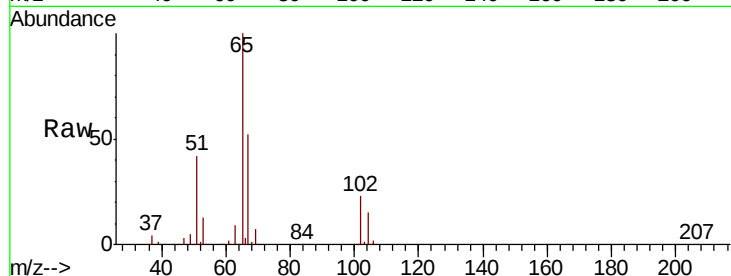
K072-AA-SB-1

Tot Ion: 65 Resp: 156901

Ion Ratio Lower Upper

65 100

67 53.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000915.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000915.D (-1042) (-)

8.14

80000

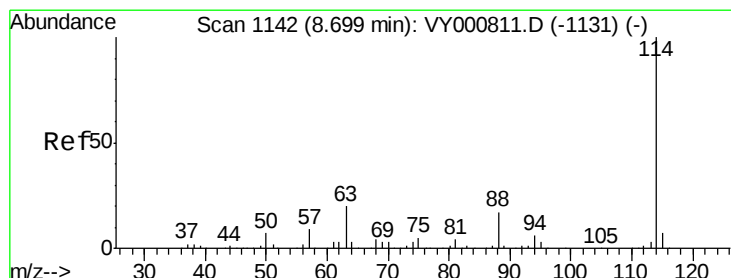
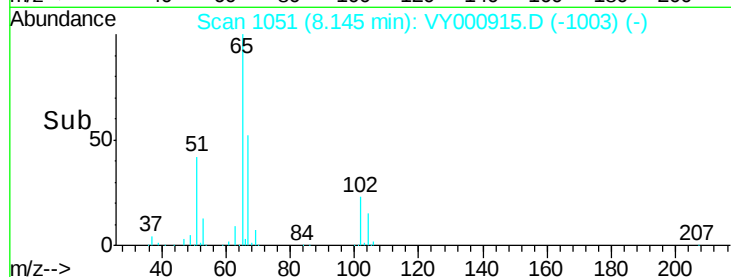
60000

40000

20000

0

Time--> 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VY000915.D

Acq: 09 Dec 2019 16:26

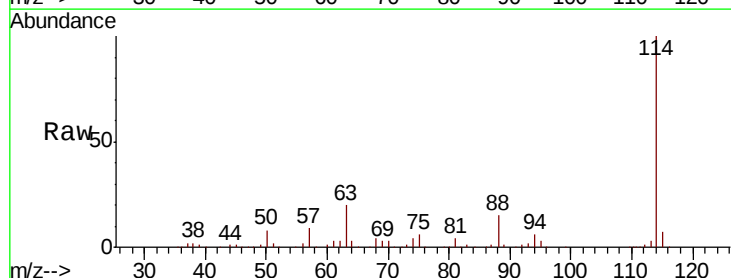
Tgt Ion: 114 Resp: 485639

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VY000915.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY000915.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY000915.D (-1093) (-)

8.69

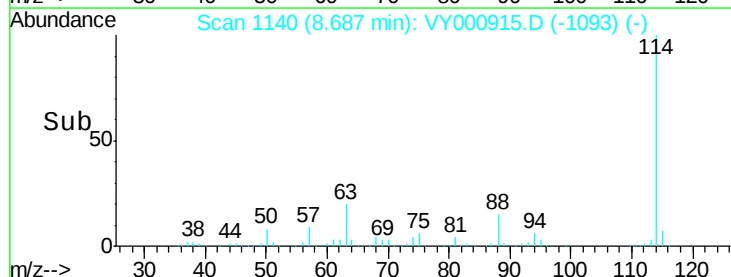
300000

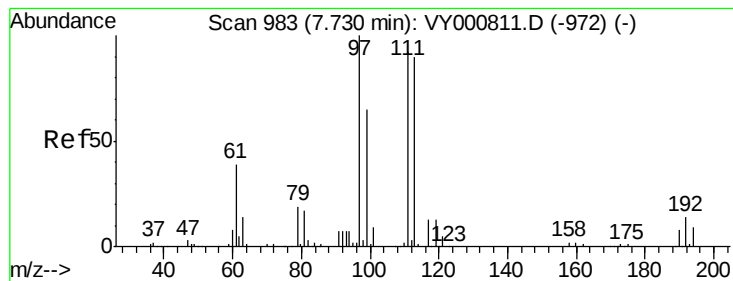
200000

100000

0

Time--> 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 50.034 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY000915.D

Acq: 09 Dec 2019 16:26

Instrument :

MSVOA_Y

ClientSampleId :

K072-AA-SB-1

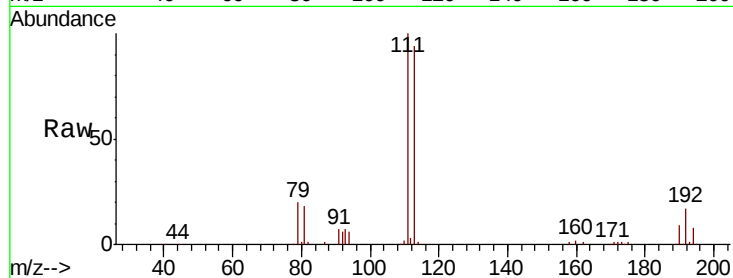
Tot Ion:113 Resp: 141611

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

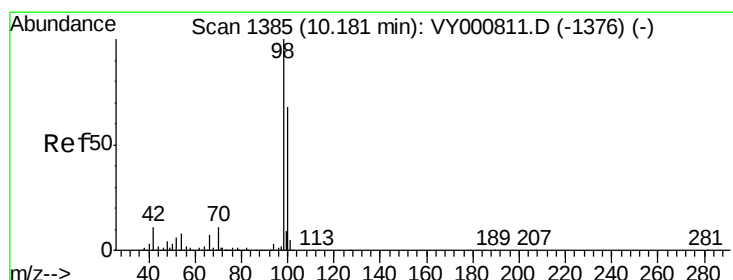
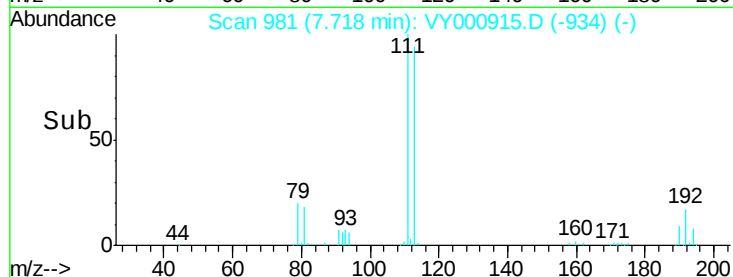
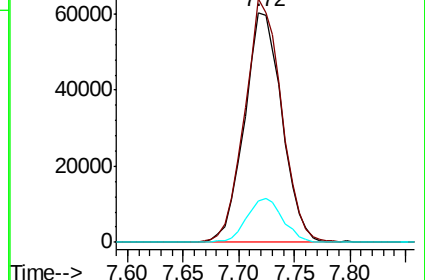
192 18.5 14.2 21.2



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: 51.015 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000915.D

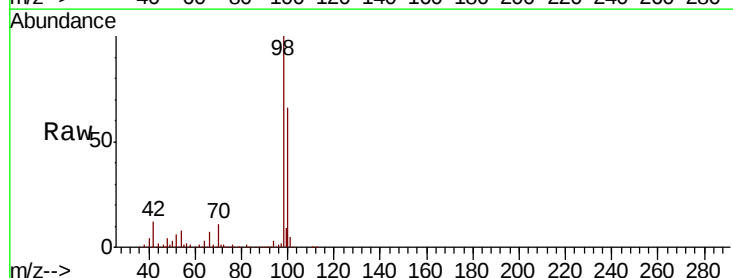
Acq: 09 Dec 2019 16:26

Tgt Ion: 98 Resp: 577252

Ion Ratio Lower Upper

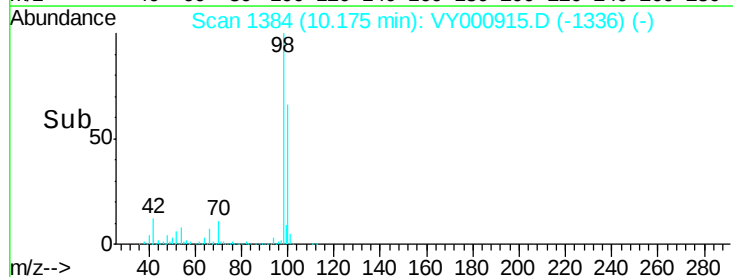
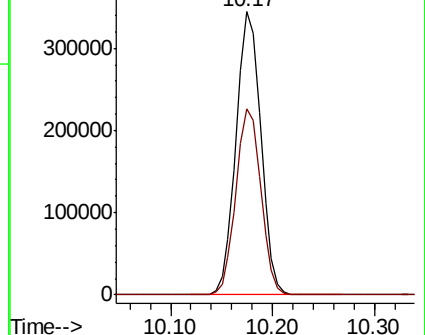
98 100

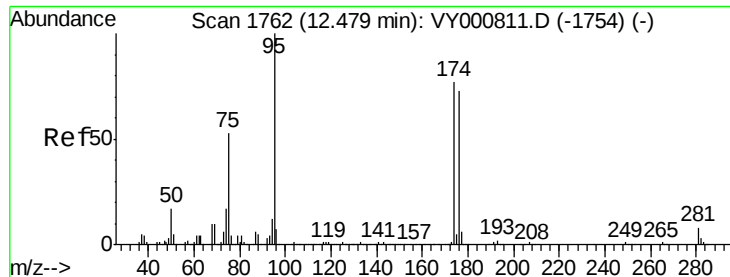
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

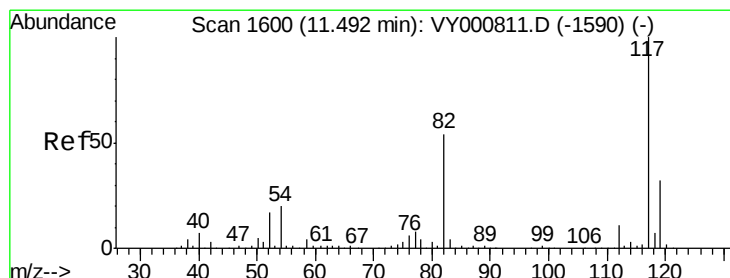
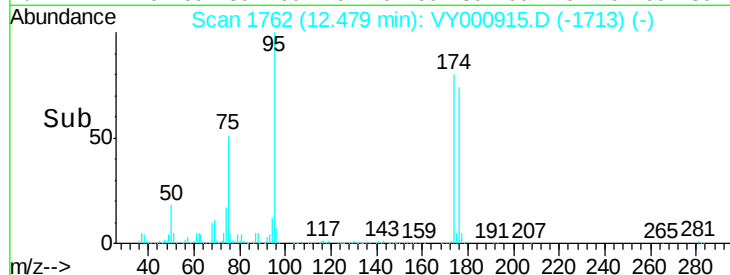
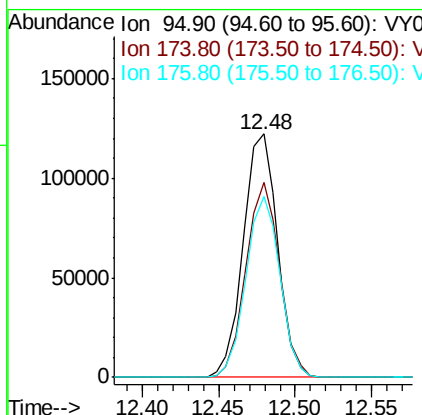
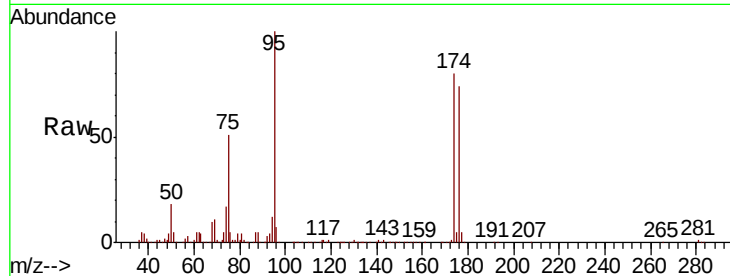




#62
4-Bromofluorobenzene
Concen: 44.808 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000915.D
Acq: 09 Dec 2019 16:26

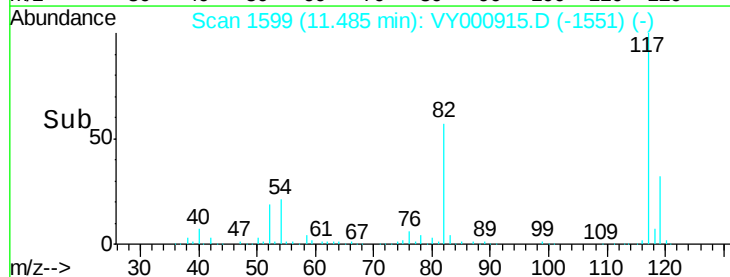
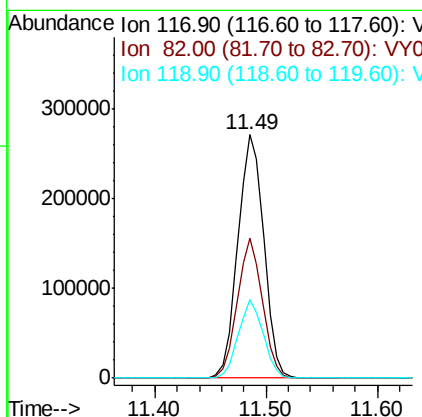
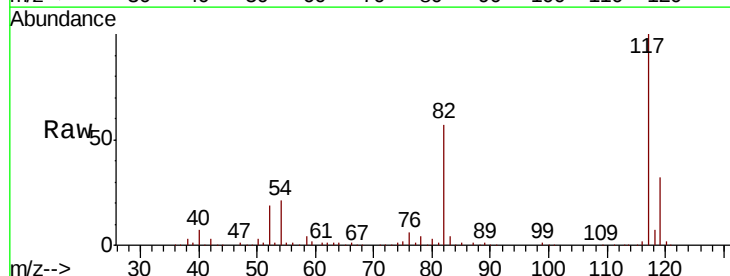
Instrument :
MSVOA_Y
ClientSampleId :
K072-AA-SB-1

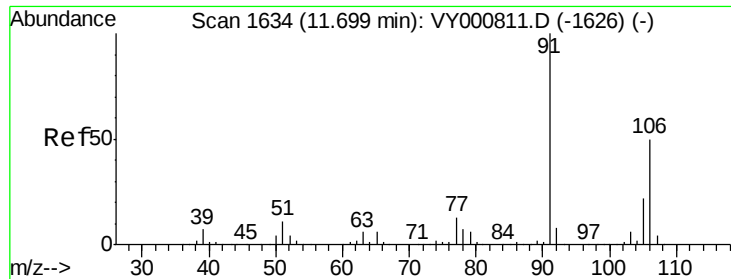
Tot Ion	95	Resp	190413
Ion Ratio	100		
Lower		0.0	150.6
Upper		0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000915.D
Acq: 09 Dec 2019 16:26

Tgt Ion	117	Resp	436104
Ion Ratio	100		
Lower		43.1	64.7
Upper		25.3	37.9

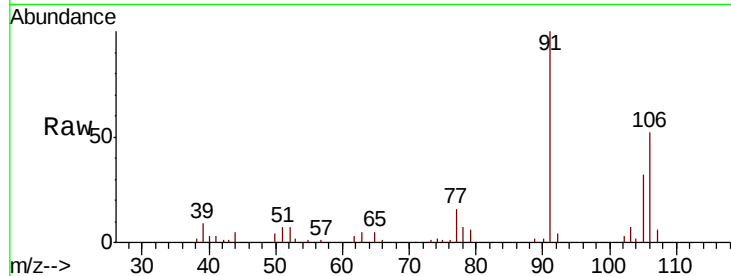




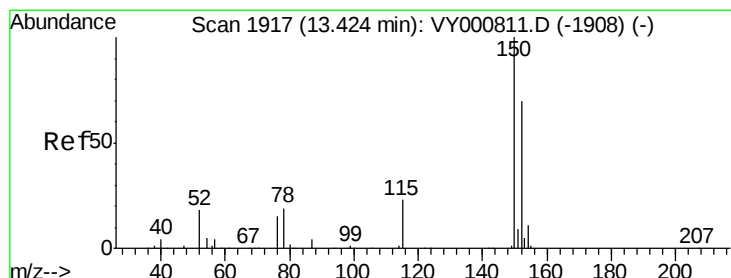
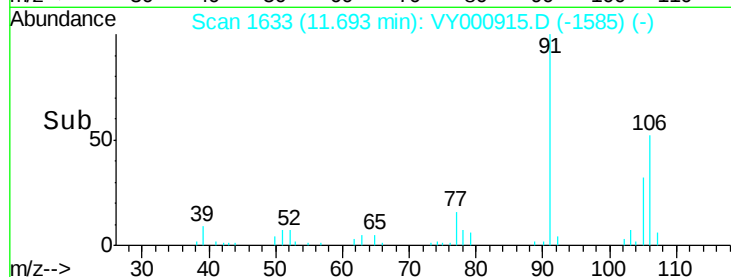
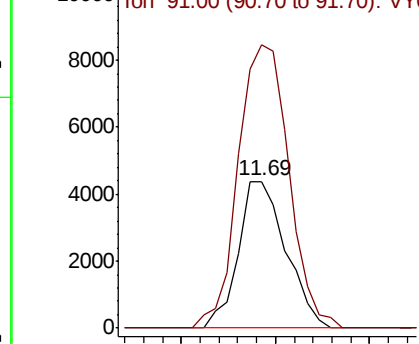
#68
m/p-Xvlenes
Concen: 1.209 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000915.D
Acq: 09 Dec 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
K072-AA-SB-1

Tot Ion:106 Resp: 7664
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4

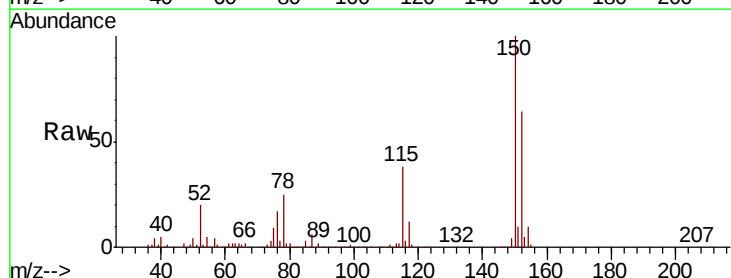


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

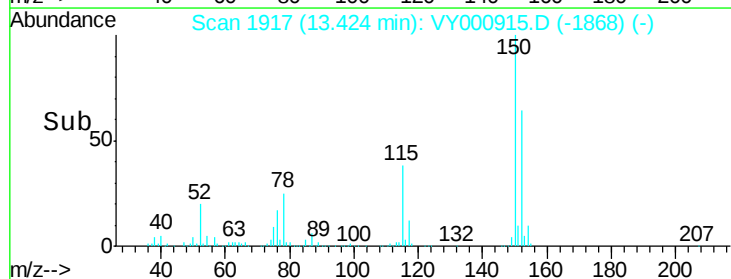
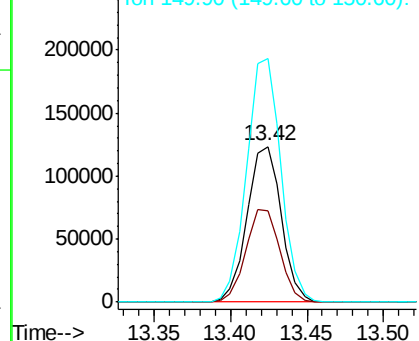


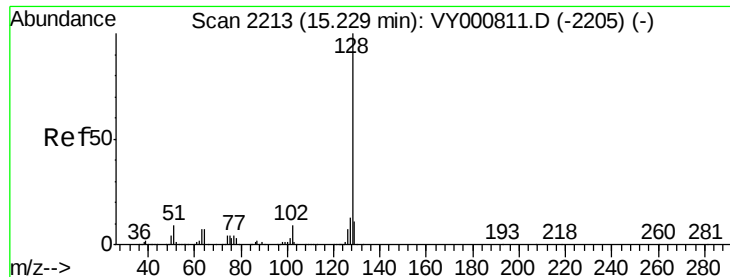
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000915.D
Acq: 09 Dec 2019 16:26

Tgt Ion:152 Resp: 191028
Ion Ratio Lower Upper
152 100
115 60.3 29.3 87.8
150 157.1 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





#95
 Naphthalene
 Concen: 2.101 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY000915.D
 Acq: 09 Dec 2019 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.1	15.1#
129	11.1	8.8	13.2

