

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001752.D
 Acq On : 21 Feb 2020 18:47
 Operator : SY/MD
 Sample : L1650-02
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2

Quant Time: Feb 22 05:01:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

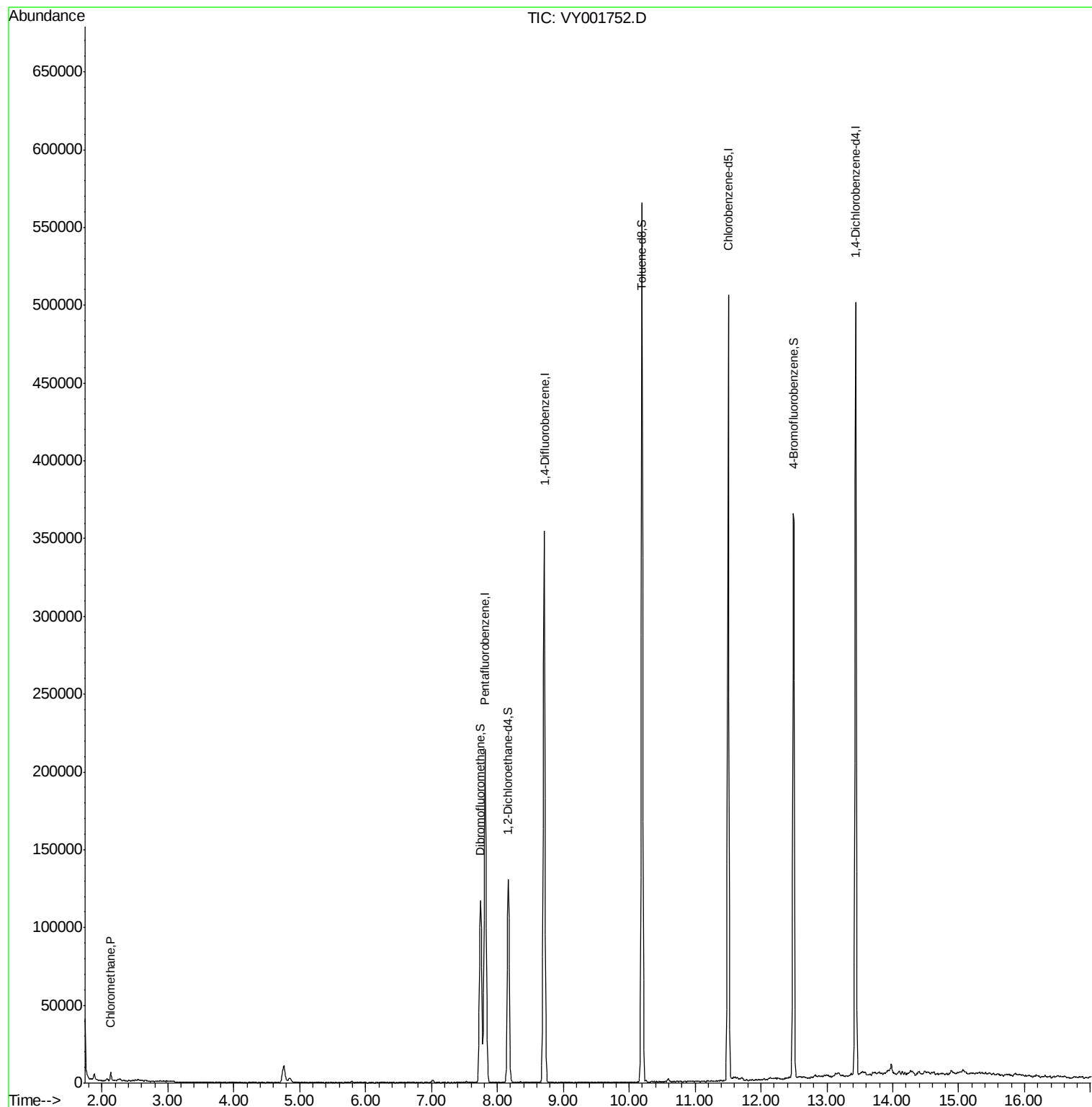
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96004	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	7.75	113	83871	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	10.19	98	360779	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.49	95	123256	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
3) Chloromethane	2.13	50	4875	2.341	ug/l	Qvalue 94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

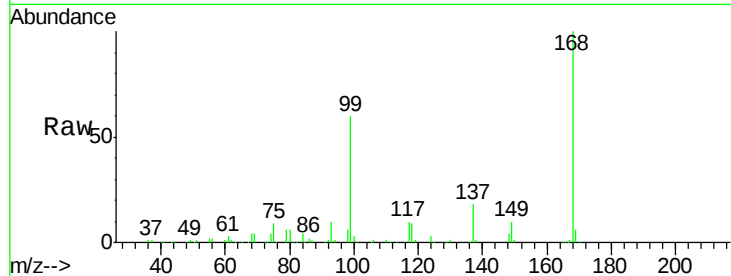
Instrument :
MSVOA_Y
ClientSampled :
EP-2

Tot Ion:168 Resp: 158803

Ion Ratio Lower Upper

168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

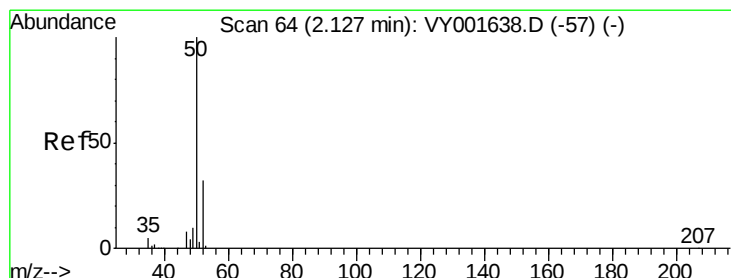
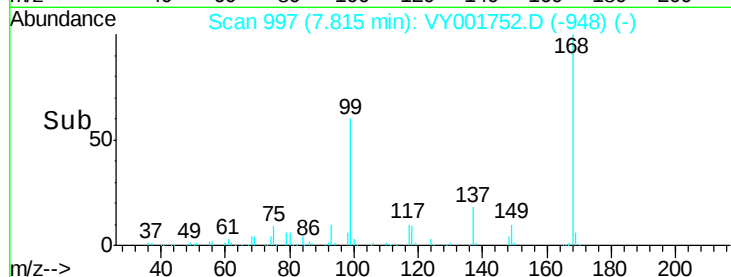
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#3

Chloromethane

Concen: 2.341 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001752.D

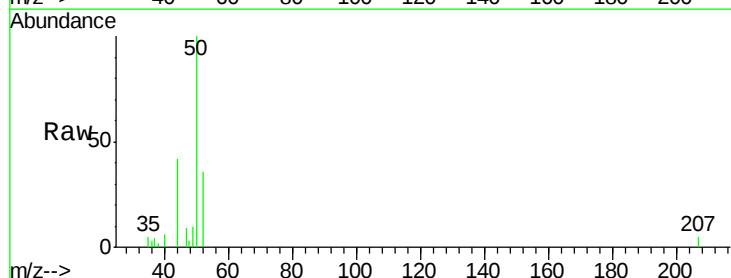
Acq: 21 Feb 2020 18:47

Tgt Ion: 50 Resp: 4875

Ion Ratio Lower Upper

50 100

52 35.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

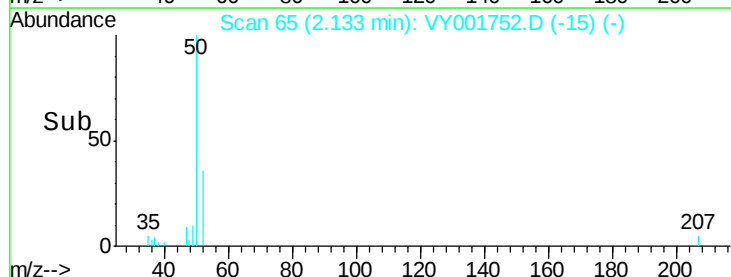
3000

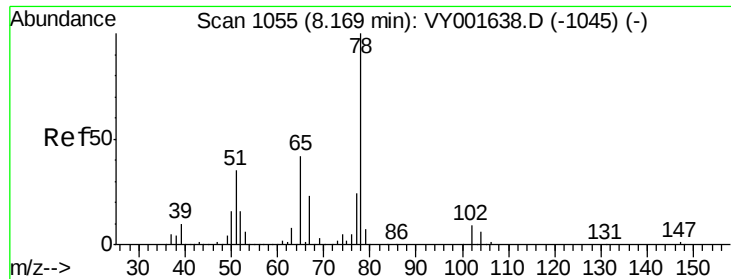
2000

1000

0

Time--> 2.05 2.10 2.15 2.20

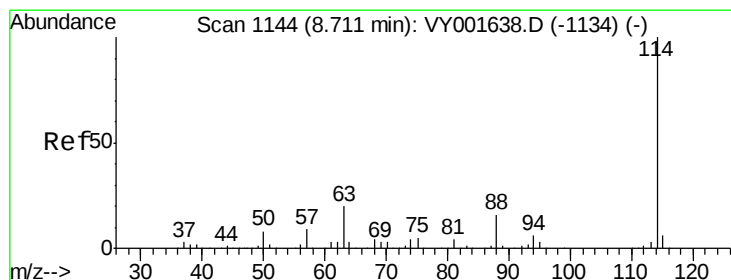
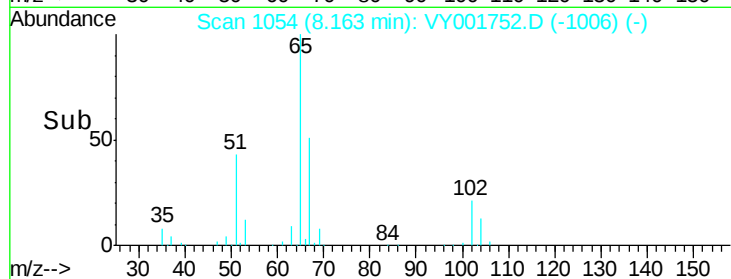
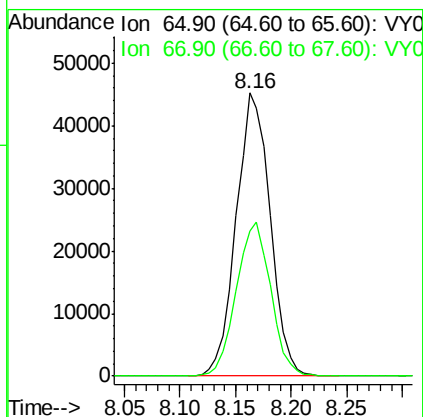
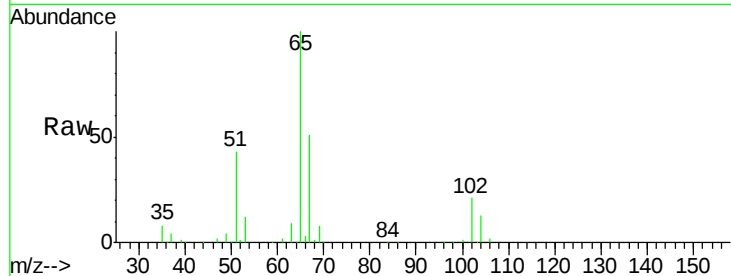




#33
 1,2-Dichloroethane-d4
 Concen: 56.203 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001752.D
 Acq: 21 Feb 2020 18:47

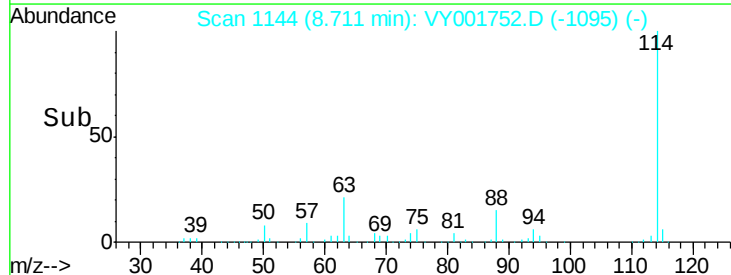
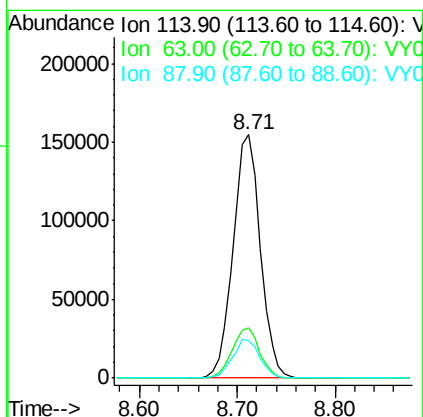
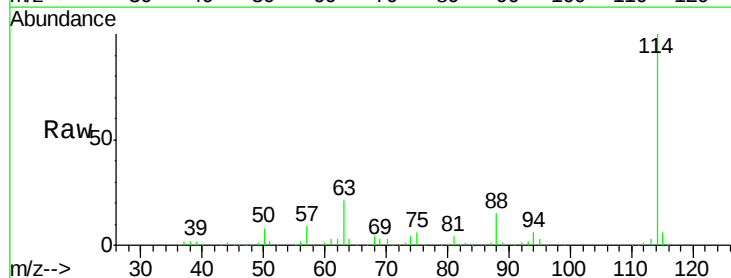
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-2

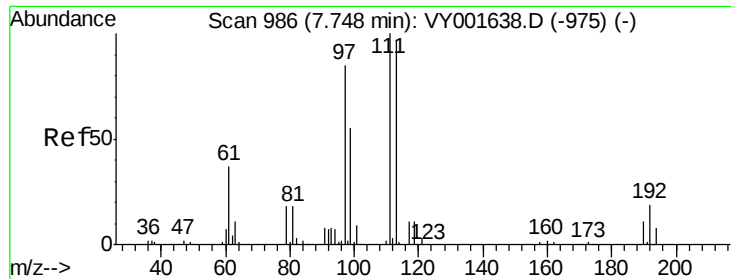
Tot Ion: 65 Resp: 96004
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001752.D
 Acq: 21 Feb 2020 18:47

Tgt Ion: 114 Resp: 298889
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.993 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :
MSVOA_Y
ClientSampleId :
EP-2

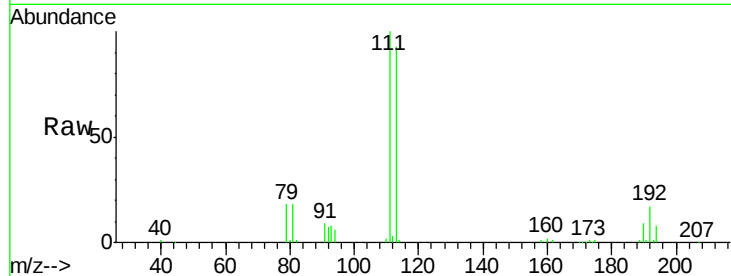
Tot Ion:113 Resp: 83871

Ion Ratio Lower Upper

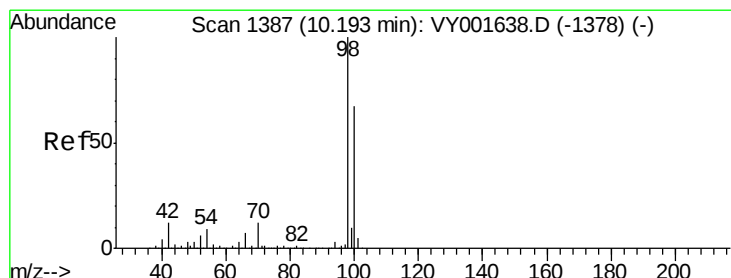
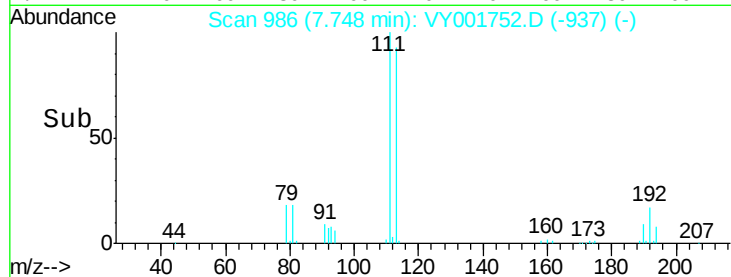
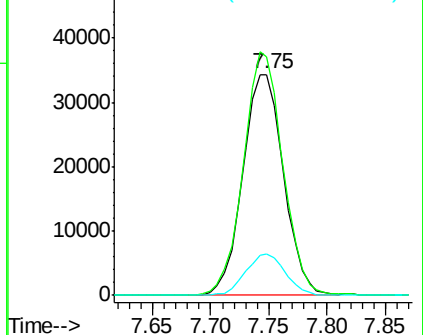
113 100

111 106.3 81.9 122.9

192 18.4 14.3 21.5



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: 53.794 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001752.D

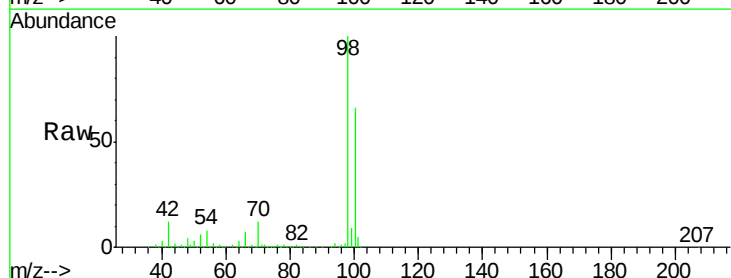
Acq: 21 Feb 2020 18:47

Tgt Ion: 98 Resp: 360779

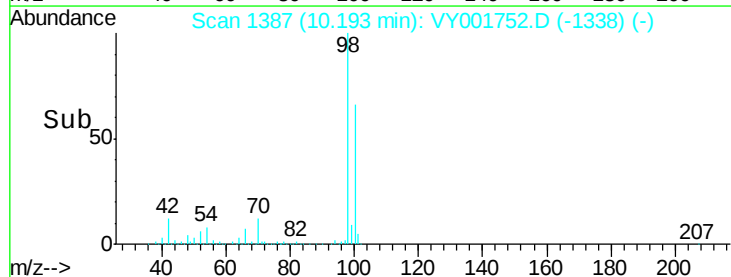
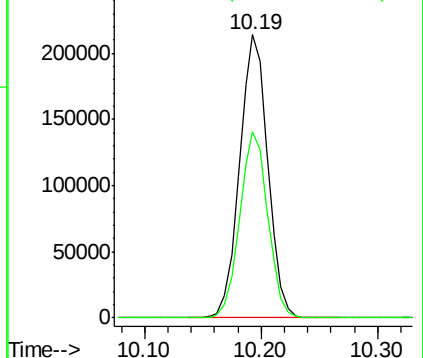
Ion Ratio Lower Upper

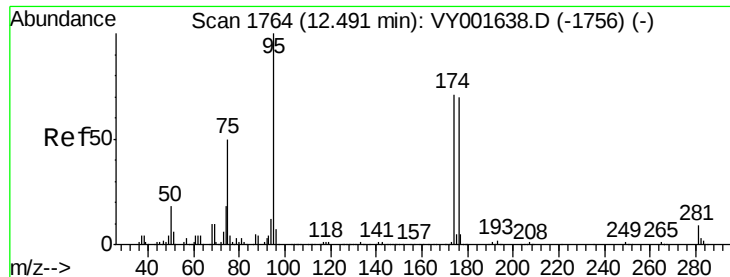
98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

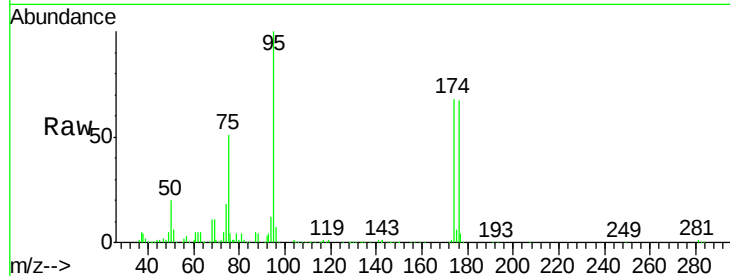




#62
4-Bromofluorobenzene
Concen: 47.306 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001752.D
Acq: 21 Feb 2020 18:47

Instrument :
MSVOA_Y
ClientSampleId :
EP-2

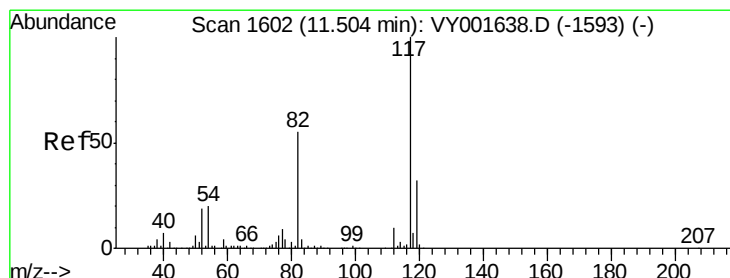
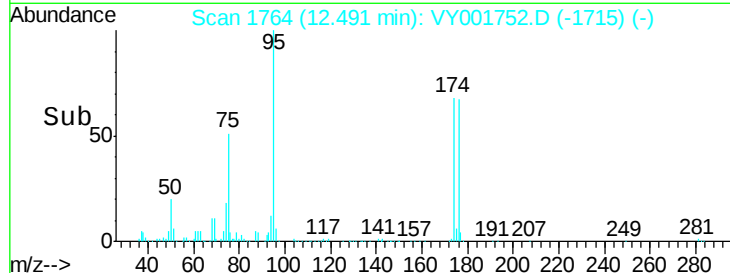
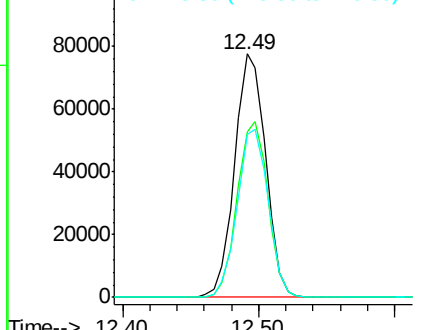
Tot Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	138.4
176	69.5	0.0	131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

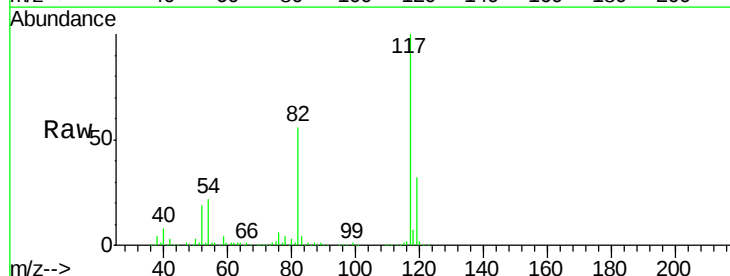
Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001752.D
Acq: 21 Feb 2020 18:47

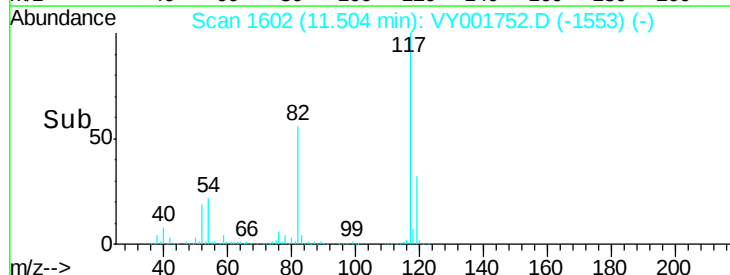
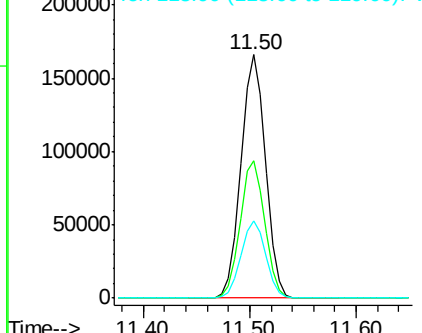
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.5	68.3
119	31.8	25.8	38.6

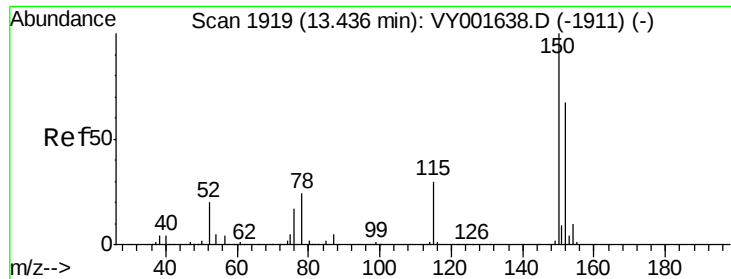


Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001638.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001638.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001752.D

Acq: 21 Feb 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

EP-2

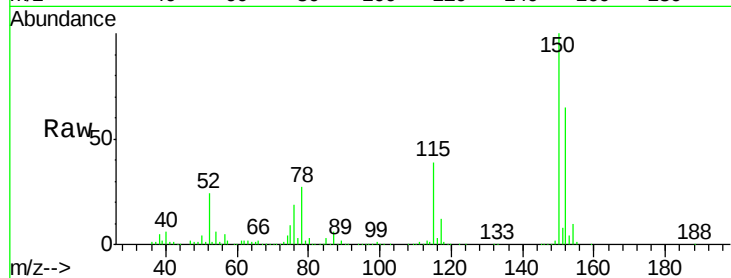
Tot Ion:152 Resp: 120428

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

150 158.3 0.0 407.2



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

