

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000898.D
 Acq On : 06 Dec 2019 13:55
 Operator : SY/MD
 Sample : K6187-06
 Misc : 5.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPC-WALL-E

Quant Time: Dec 06 18:08:36 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	96344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	164376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	132699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	55922	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	48133	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.73	113	45621	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.18	98	190956	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.47	95	57388	39.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.80%	

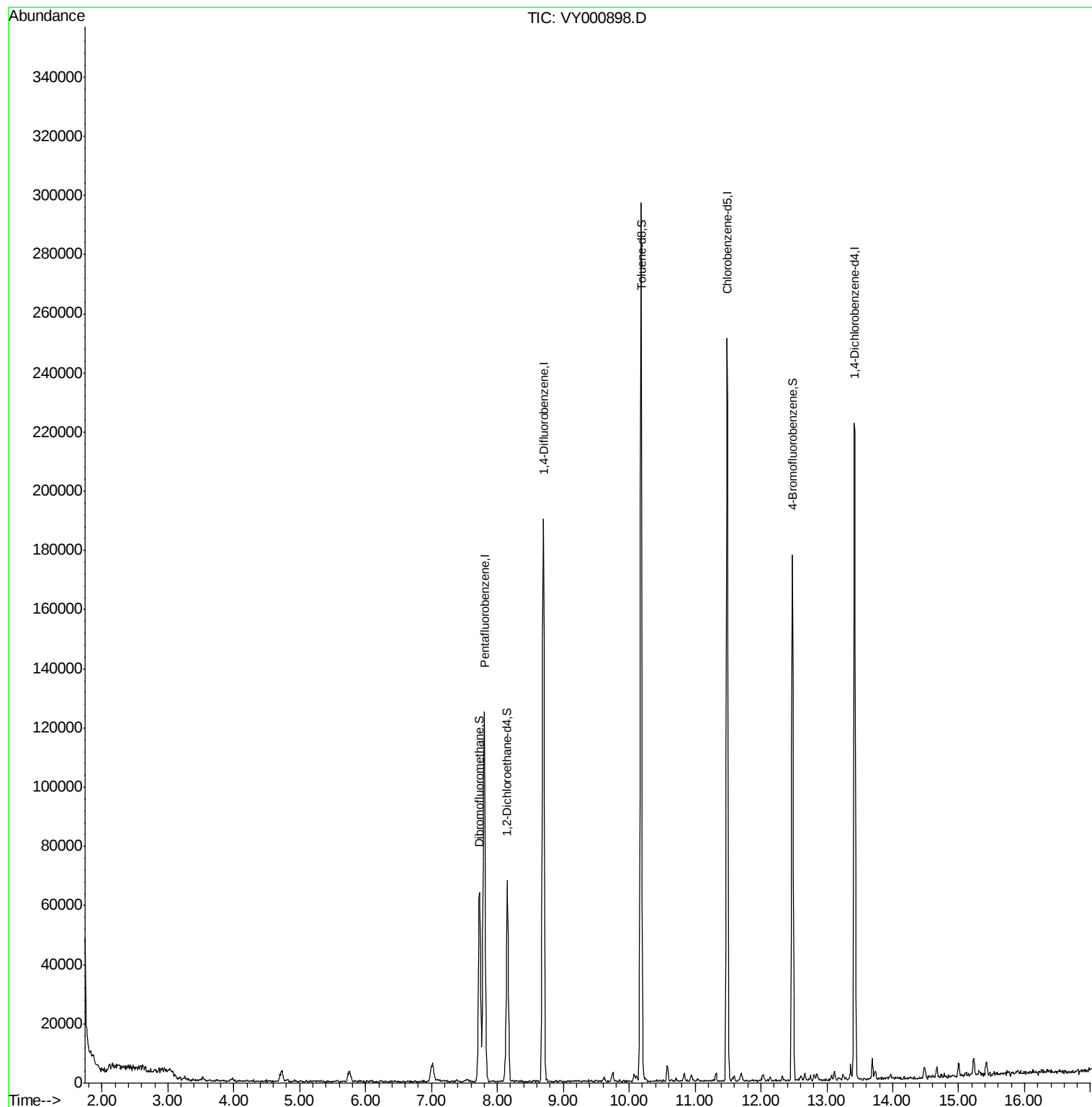
Target Compounds	Qvalue

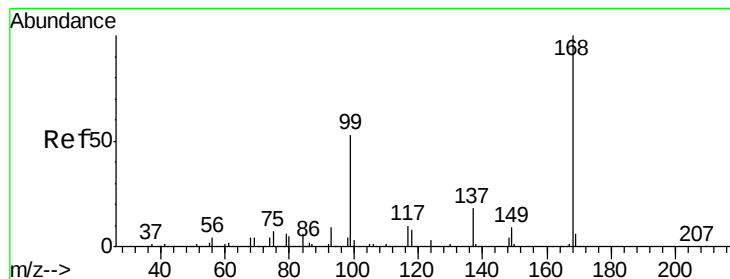
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000898.D

Acq: 06 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampleId :

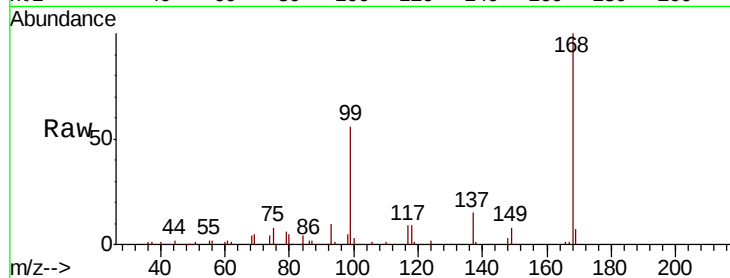
RPC-WALL-E

Tot Ion:168 Resp: 96344

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000898.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000898.D (-946) (-)

7.80

40000

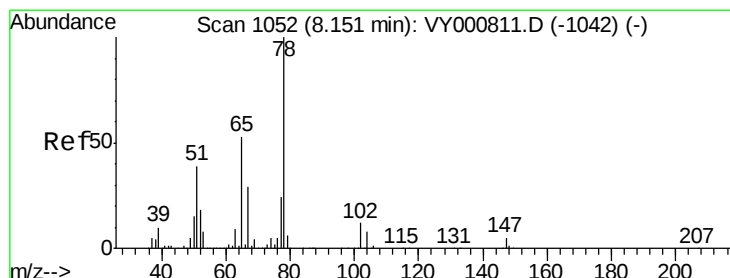
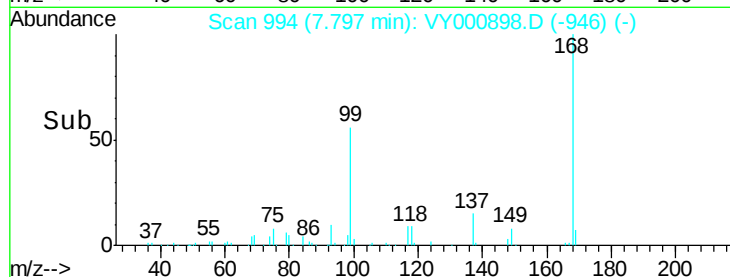
30000

20000

10000

0

Time--> 7.70 7.75 7.80 7.85 7.90



#33

1,2-Dichloroethane-d4

Concen: 47.017 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000898.D

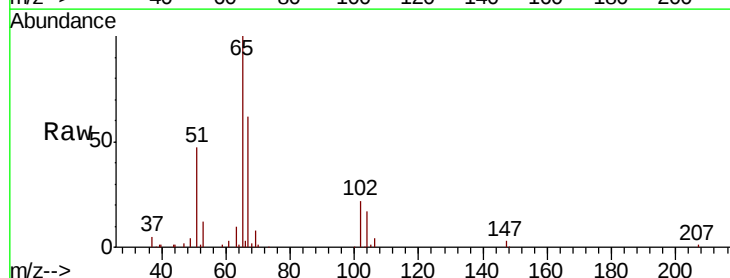
Acq: 06 Dec 2019 13:55

Tgt Ion: 65 Resp: 48133

Ion Ratio Lower Upper

65 100

67 54.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000898.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000898.D (-1003) (-)

8.15

25000

20000

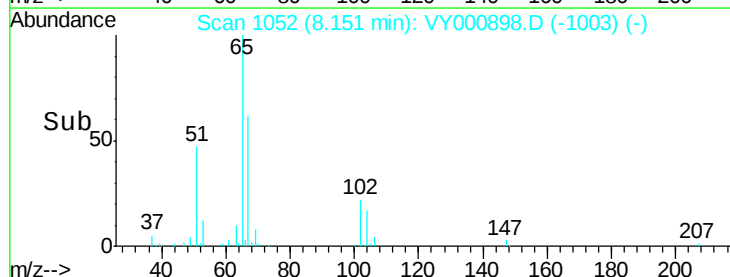
15000

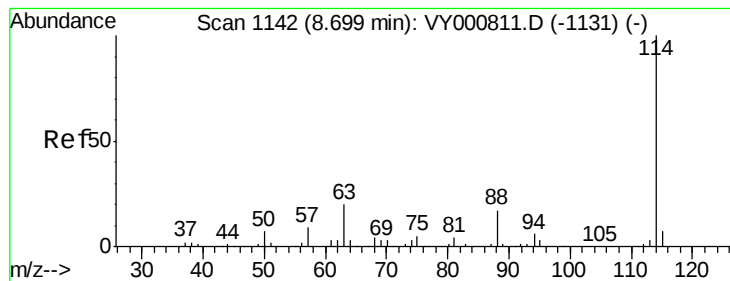
10000

5000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000898.D

Acq: 06 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampled :

RPC-WALL-E

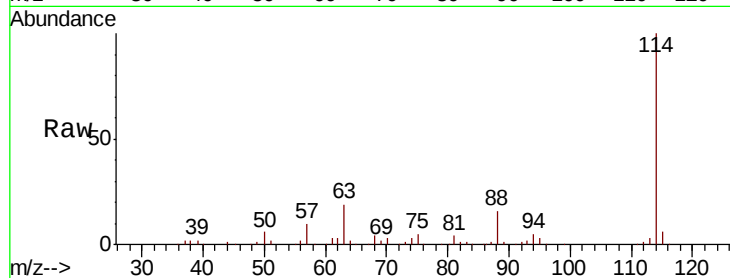
Tot Ion:114 Resp: 164376

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

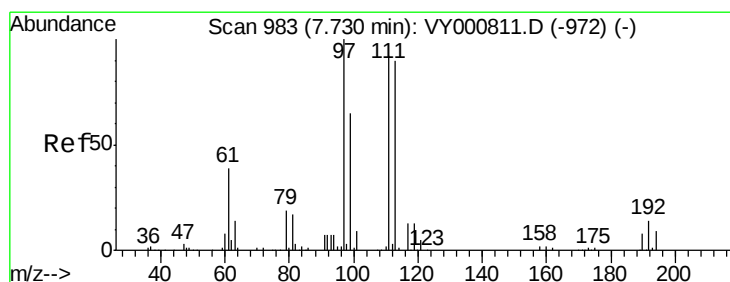
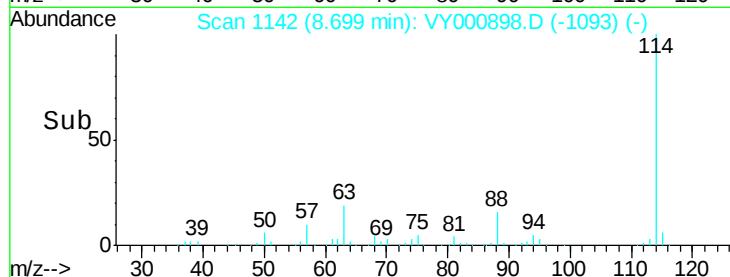
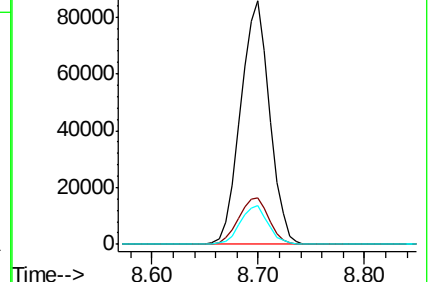
88 16.0 0.0 33.2



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: 47.622 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000898.D

Acq: 06 Dec 2019 13:55

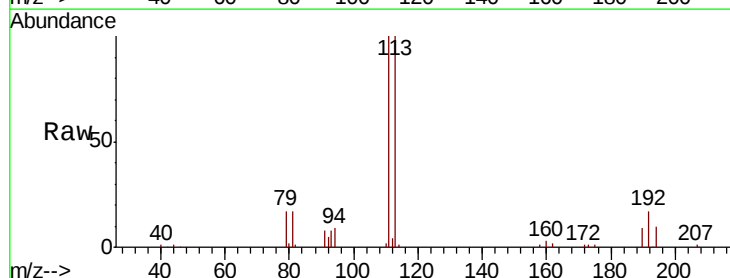
Tgt Ion:113 Resp: 45621

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

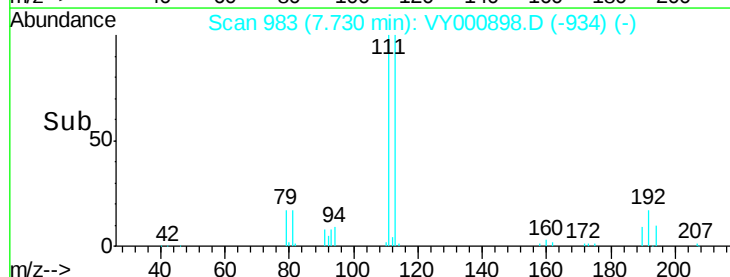
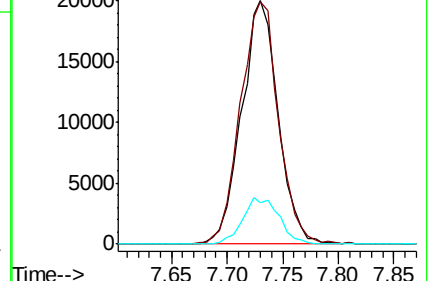
192 18.9 14.2 21.2



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: 49.858 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000898.D

Acq: 06 Dec 2019 13:55

Instrument :

MSVOA_Y

ClientSampled :

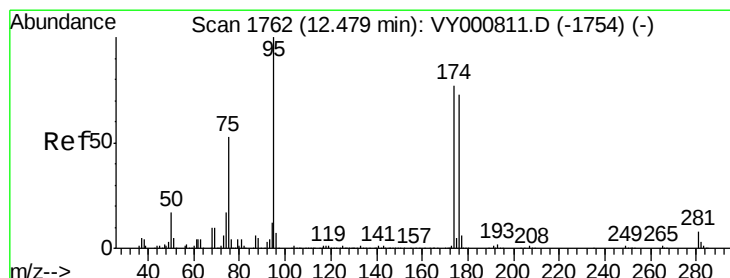
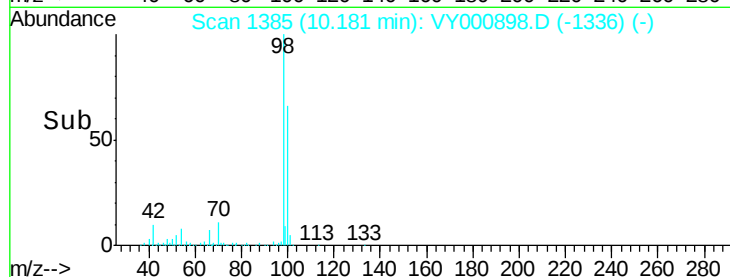
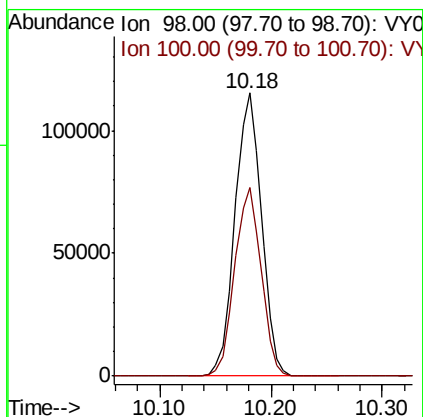
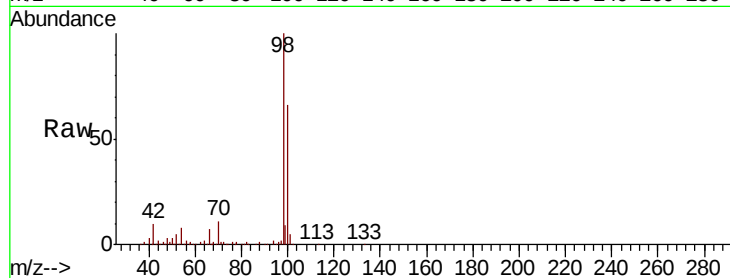
RPC-WALL-E

Tot Ion: 98 Resp: 190956

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 39.898 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000898.D

Acq: 06 Dec 2019 13:55

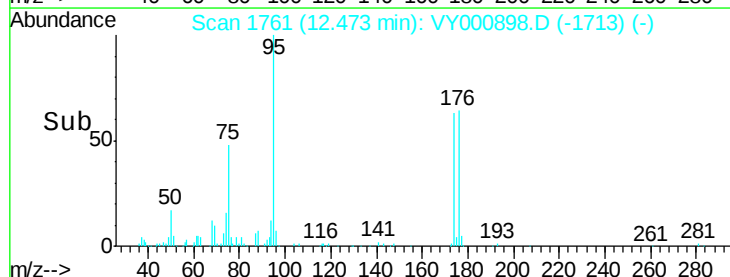
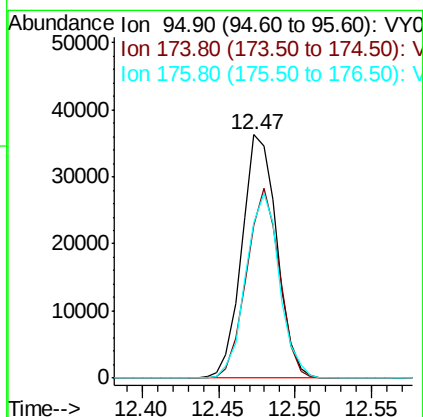
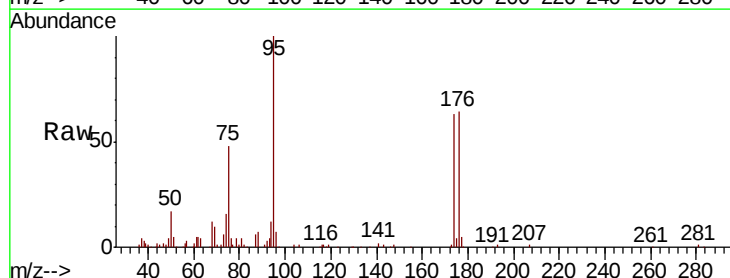
Tgt Ion: 95 Resp: 57388

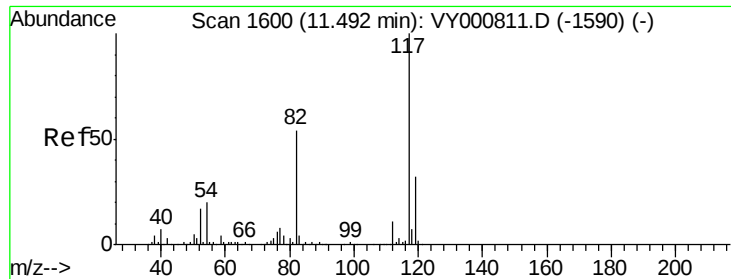
Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.6

176 72.9 0.0 145.2

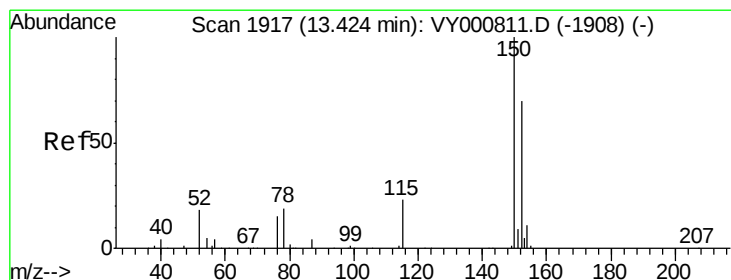
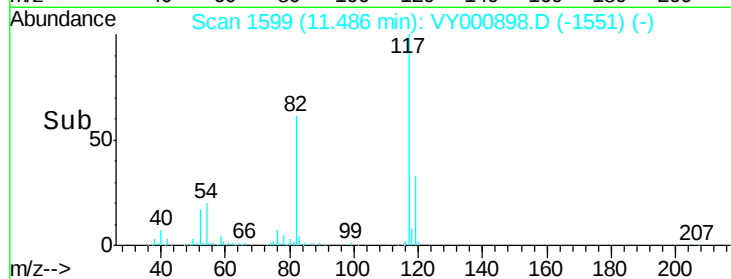
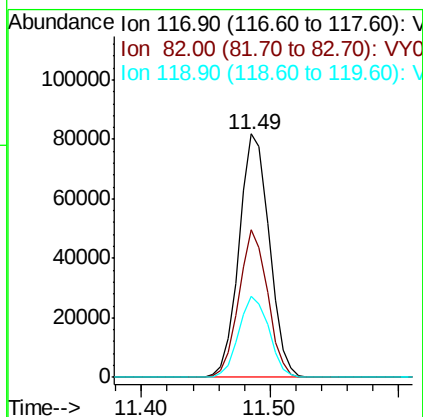
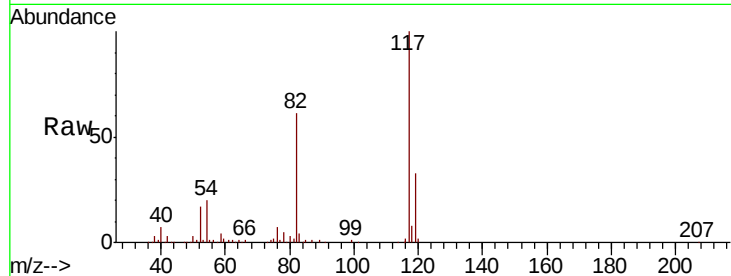




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000898.D
Acq: 06 Dec 2019 13:55

Instrument :
MSVOA_Y
ClientSampleId :
RPC-WALL-E

Tot Ion:117 Resp: 132699
Ion Ratio Lower Upper
117 100
82 60.5 43.1 64.7
119 33.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000898.D
Acq: 06 Dec 2019 13:55

Tgt Ion:152 Resp: 55922
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.8
150 158.3 0.0 351.2

