

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000888.D
 Acq On : 05 Dec 2019 17:48
 Operator : SY/MD
 Sample : K6177-05
 Misc : 3.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-5

Quant Time: Dec 06 05:30:35 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	282796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	521912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	483728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	220854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	172129	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
35) Dibromofluoromethane	7.73	113	153260	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.18	98	629901	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.48	95	220271	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

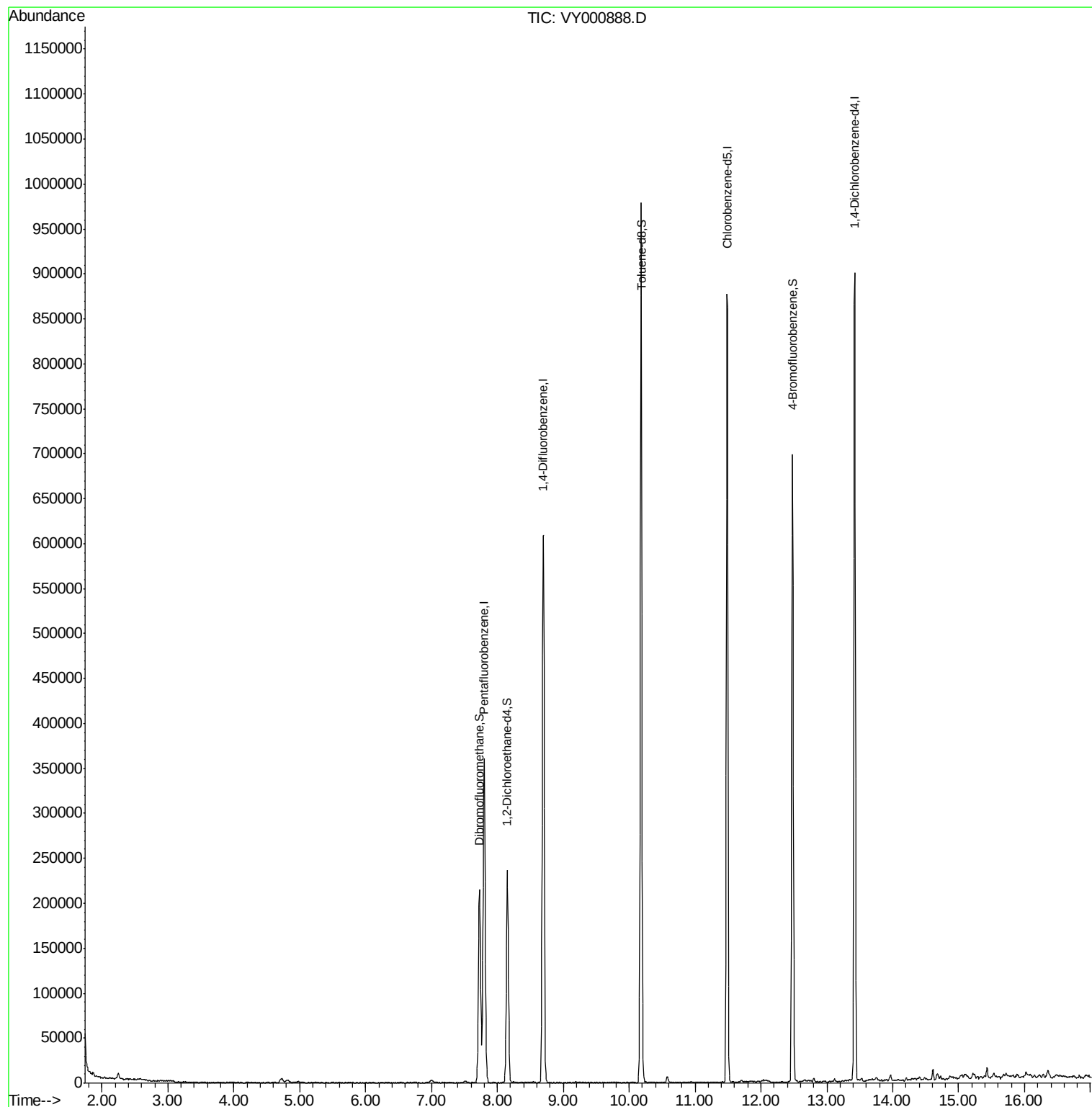
Target Compounds	Qvalue

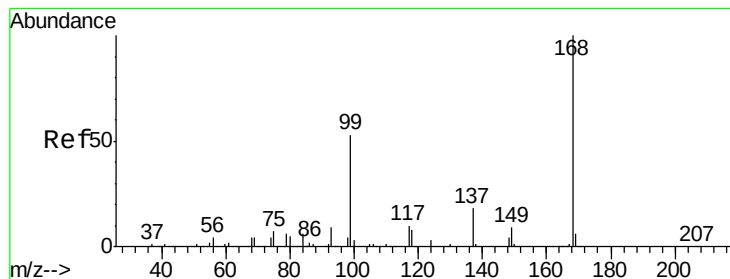
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

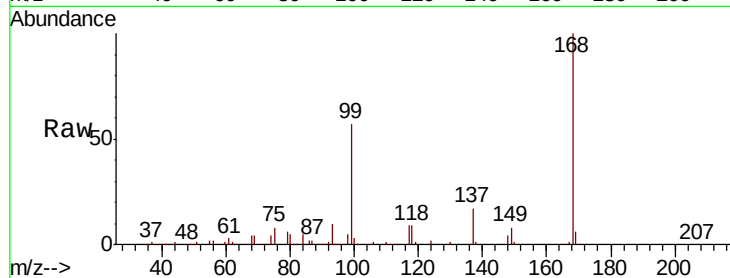
EP-5

Tot Ion:168 Resp: 282796

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000888.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000888.D (-946) (-)

7.80

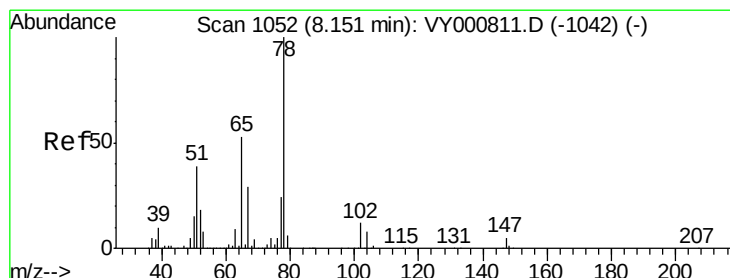
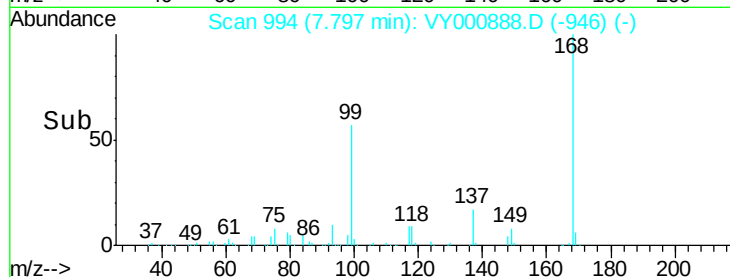
100000

50000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.282 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000888.D

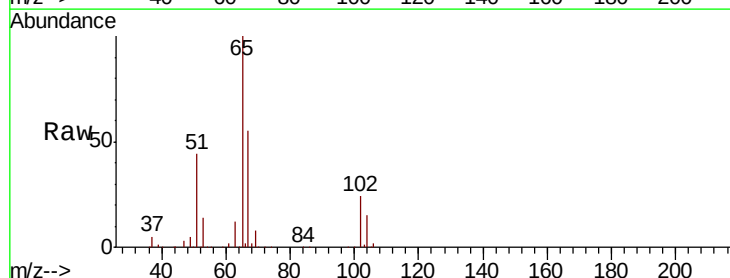
Acq: 05 Dec 2019 17:48

Tgt Ion: 65 Resp: 172129

Ion Ratio Lower Upper

65 100

67 57.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000888.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000888.D (-1003) (-)

8.15

80000

60000

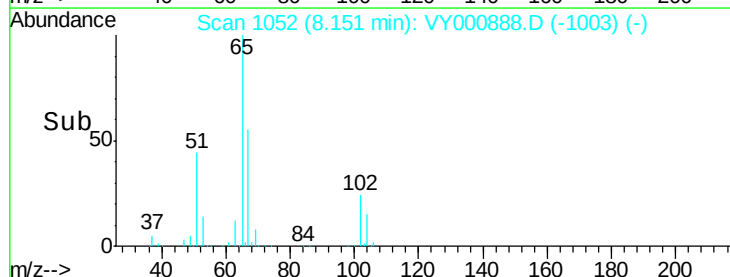
40000

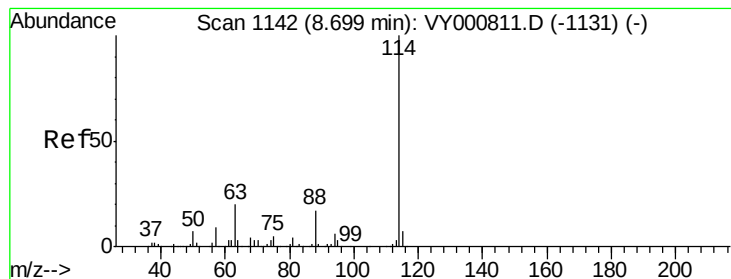
20000

0

Time-->

8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

EP-5

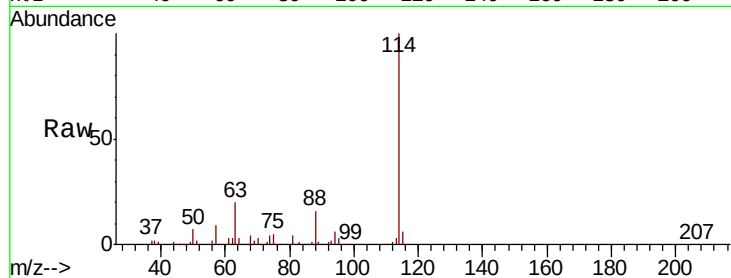
Tot Ion:114 Resp: 521912

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

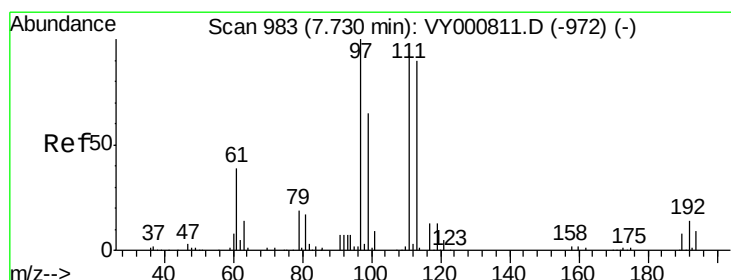
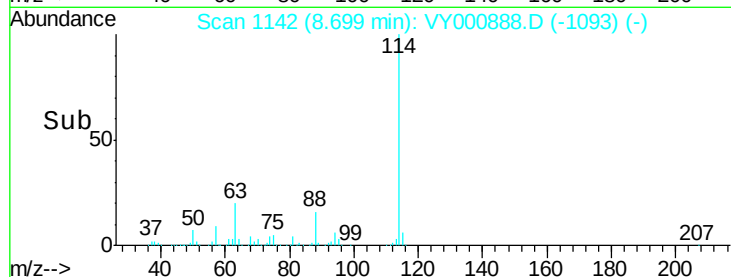
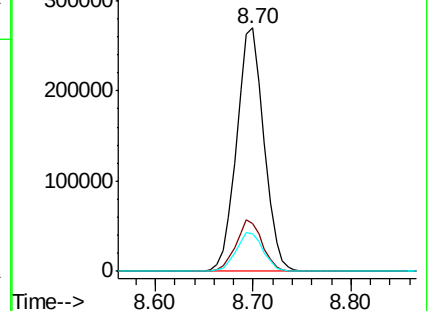
88 15.6 0.0 33.2



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: 50.386 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

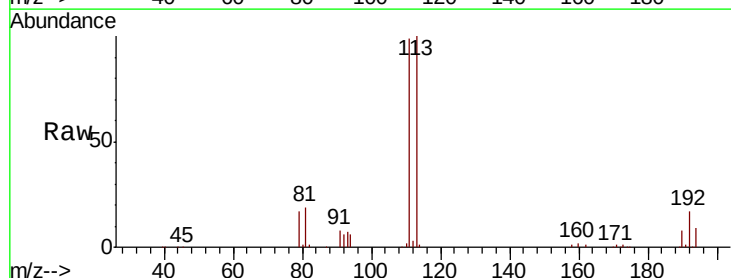
Tgt Ion:113 Resp: 153260

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

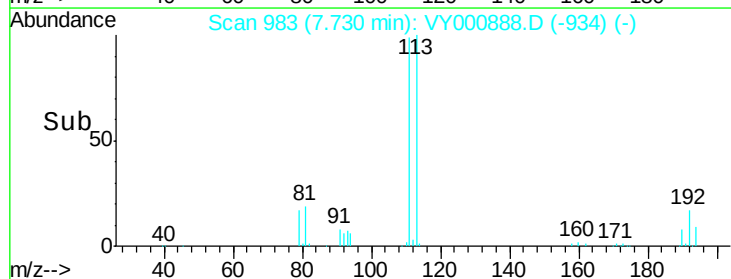
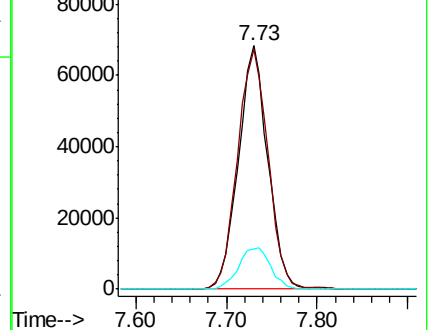
192 18.5 14.2 21.2

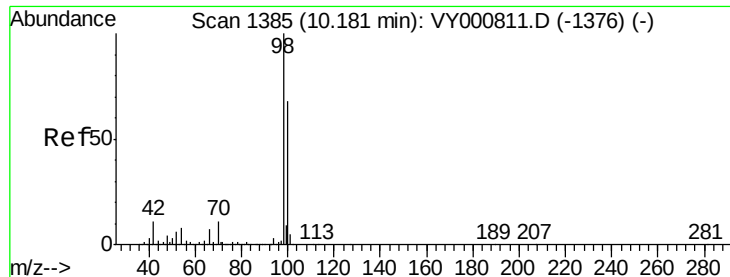


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.799 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

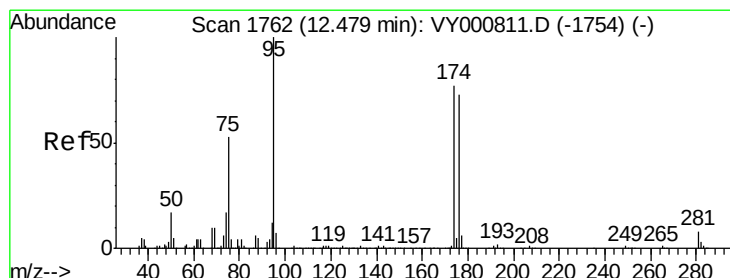
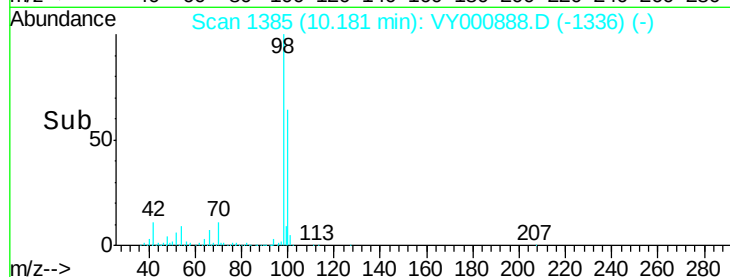
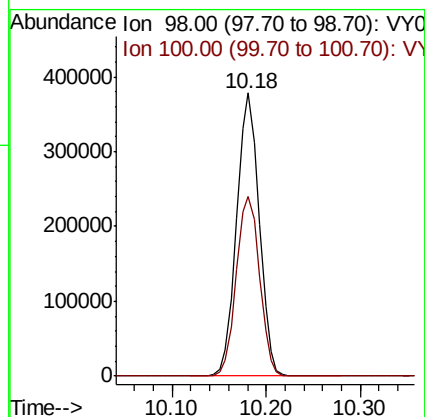
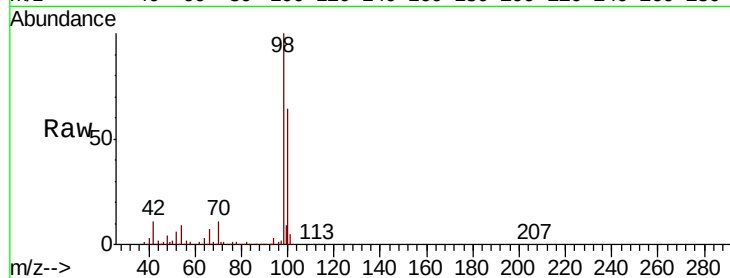
EP-5

Tot Ion: 98 Resp: 629901

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.232 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000888.D

Acq: 05 Dec 2019 17:48

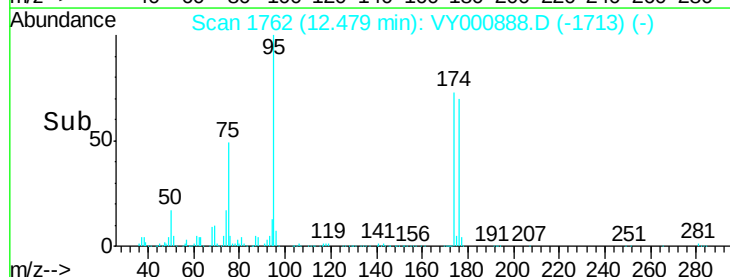
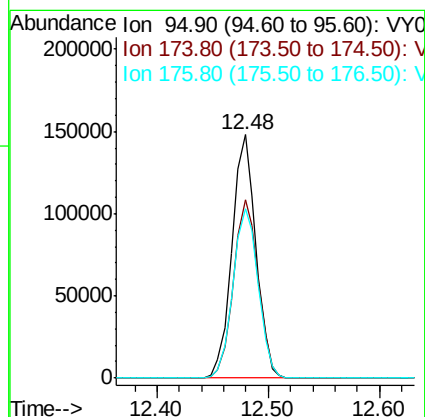
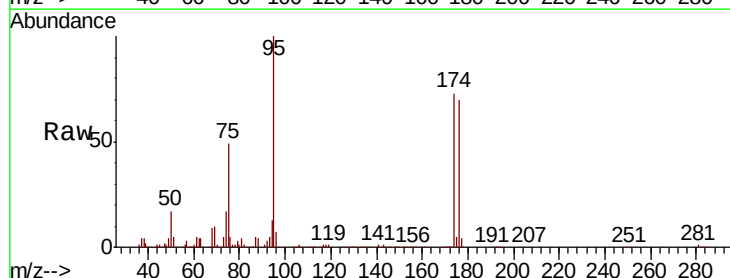
Tgt Ion: 95 Resp: 220271

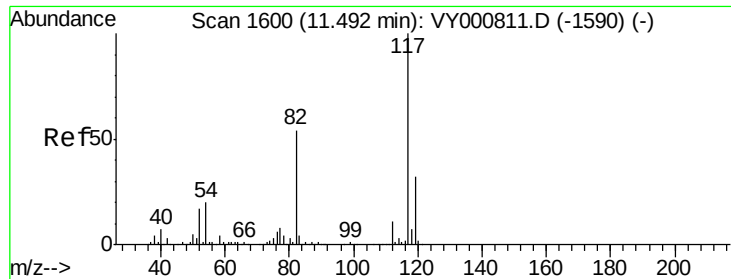
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

176 72.9 0.0 145.2

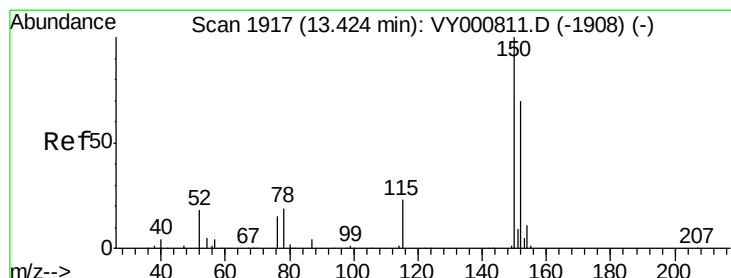
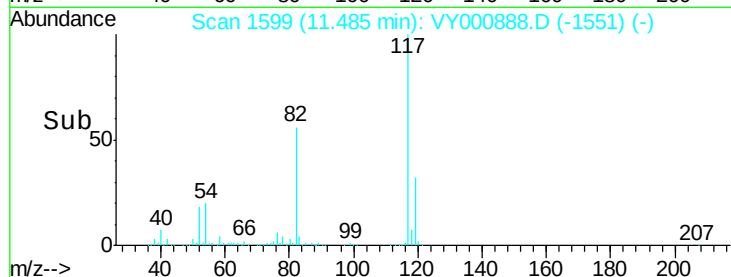
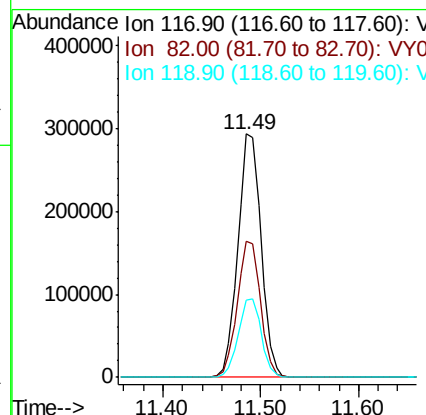
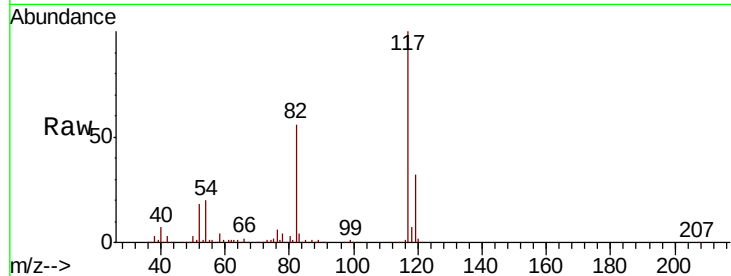




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000888.D
Acq: 05 Dec 2019 17:48

Instrument :
MSVOA_Y
ClientSampleId :
EP-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.1	64.7
119	31.9	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: VY000888.D
Acq: 05 Dec 2019 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	29.3	87.8
150	159.8	0.0	351.2

