

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000889.D
 Acq On : 05 Dec 2019 18:10
 Operator : SY/MD
 Sample : K6177-06
 Misc : 5.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6

Quant Time: Dec 06 05:33:11 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

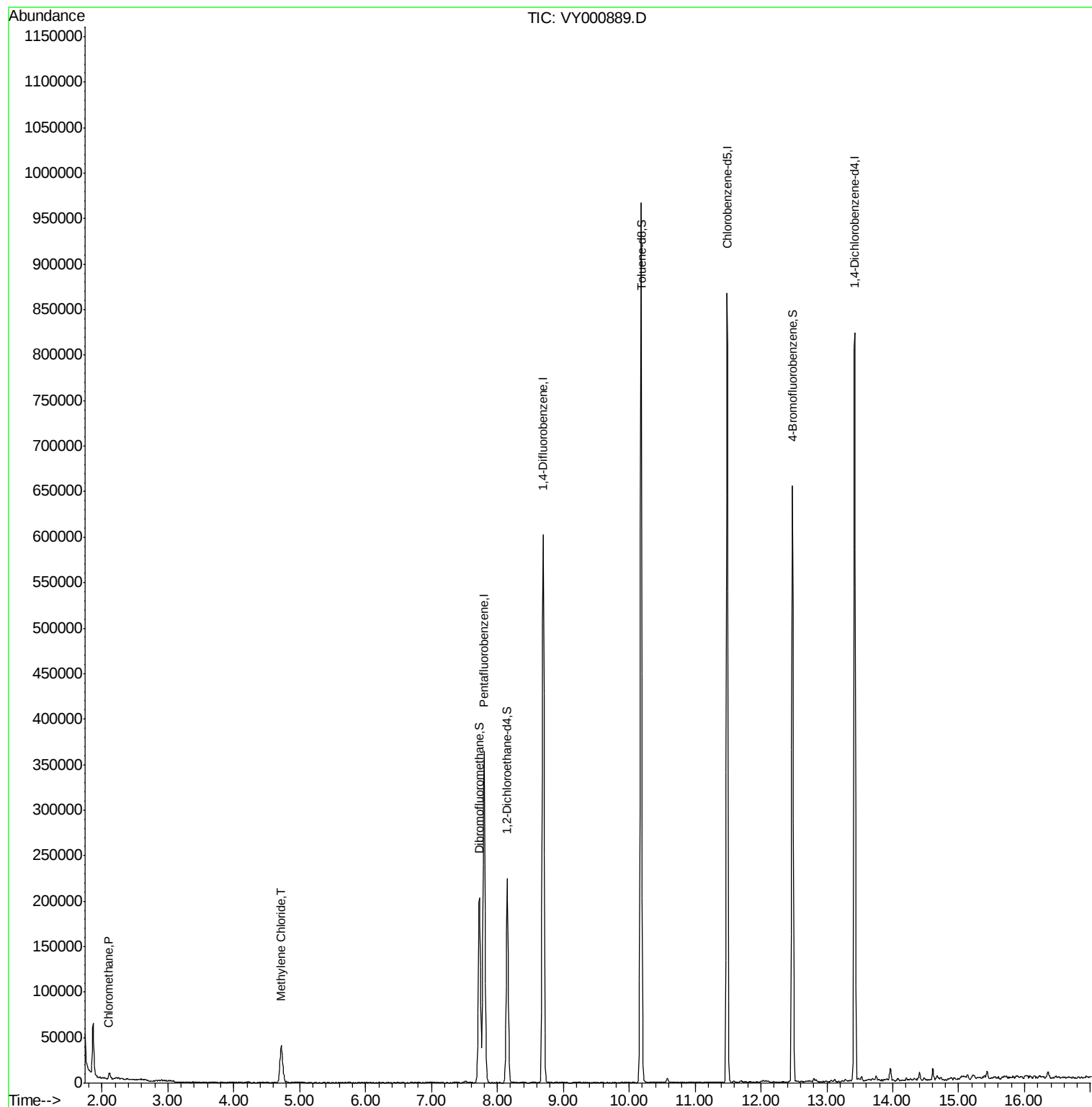
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	276040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	518616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	163271	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.72	113	146696	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	10.18	98	611458	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.48	95	207874	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
3) Chloromethane	2.11	50	6620	1.807	ug/l	92
20) Methylene Chloride	4.72	84	29779	8.396	ug/l	91

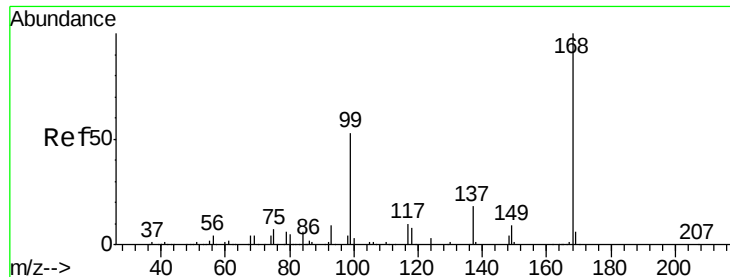
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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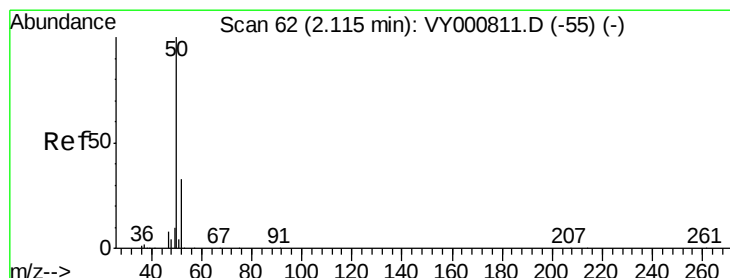
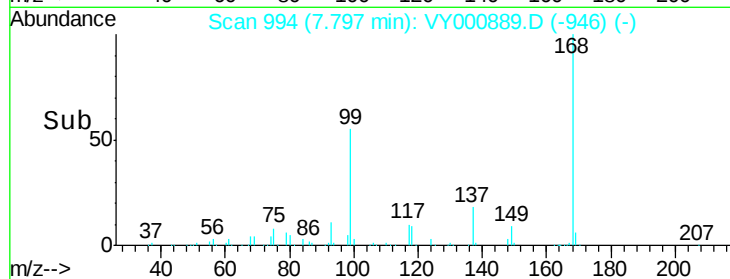
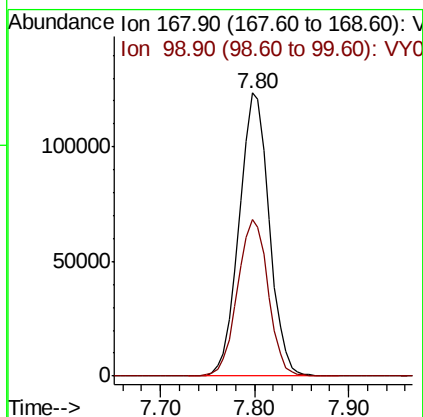
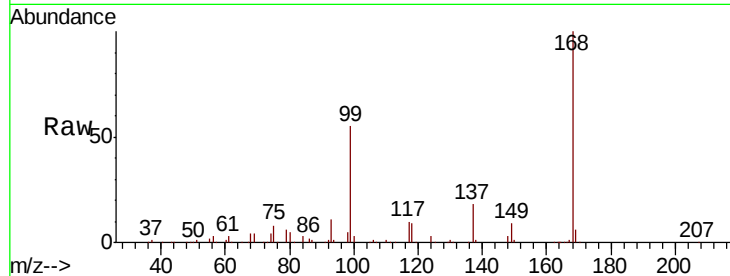




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

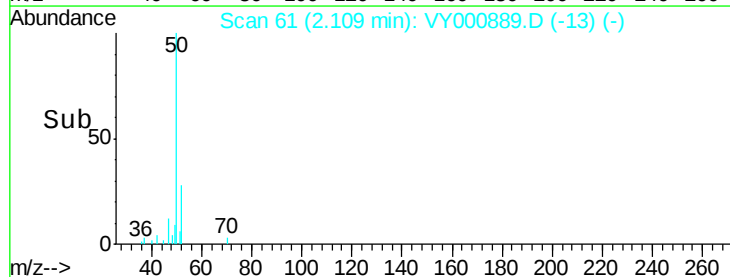
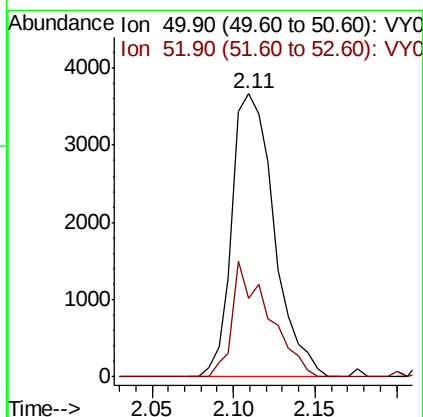
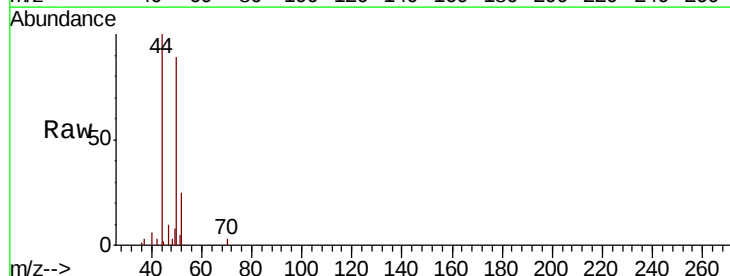
Instrument :
MSVOA_Y
ClientSampled :
EP-6

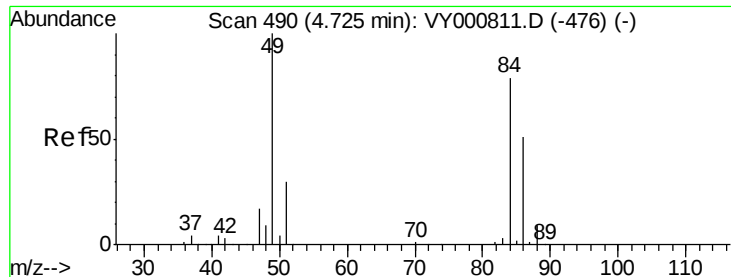
Tot Ion:168 Resp: 276040
Ion Ratio Lower Upper
168 100
99 55.3 45.0 67.6



#3
Chloromethane
Concen: 1.807 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Tgt Ion: 50 Resp: 6620
Ion Ratio Lower Upper
50 100
52 28.0 26.0 39.0

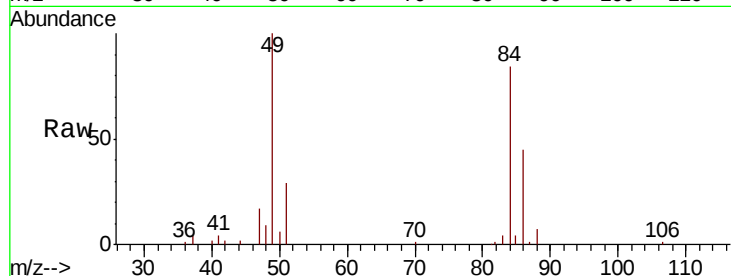




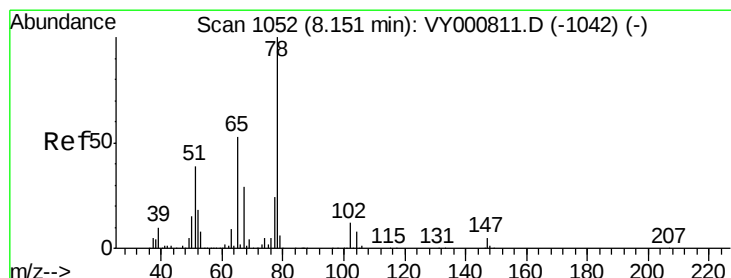
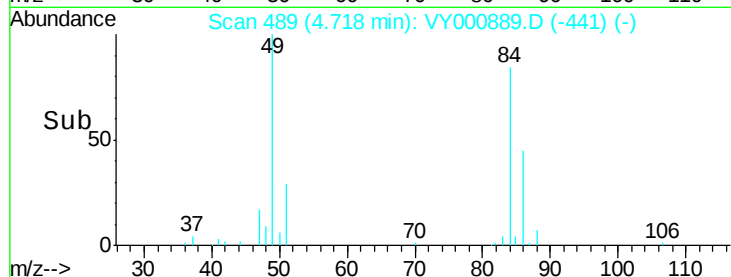
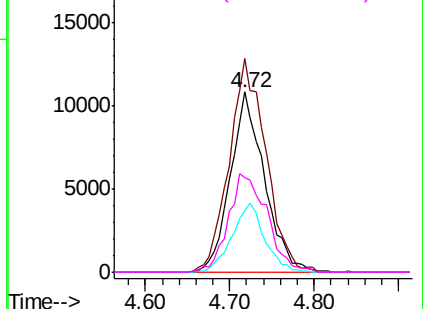
#20
Methvlene Chloride
Concen: 8.396 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-6

Tot Ion:	84	Resp:	29779
Ion	Ratio	Lower	Upper
84	100		
49	118.5	101.3	151.9
51	34.3	30.6	45.8
86	52.9	51.3	76.9

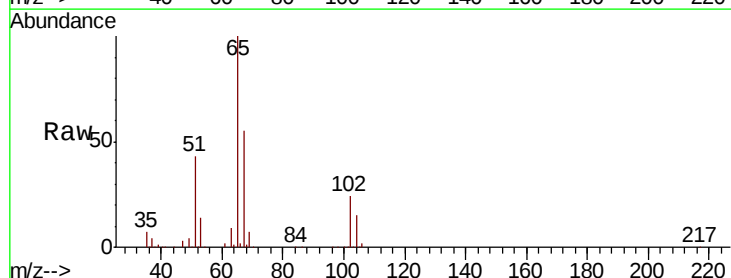


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

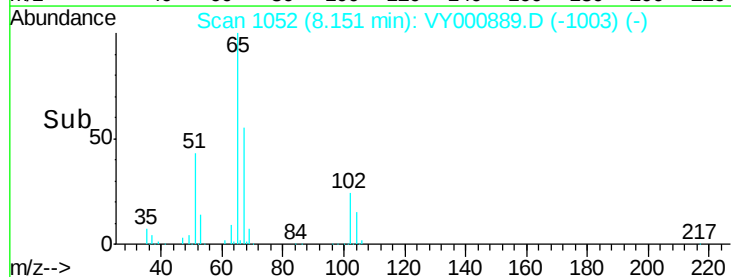
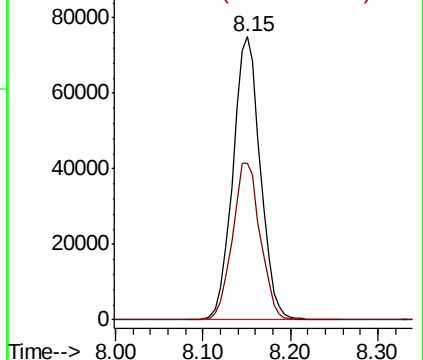


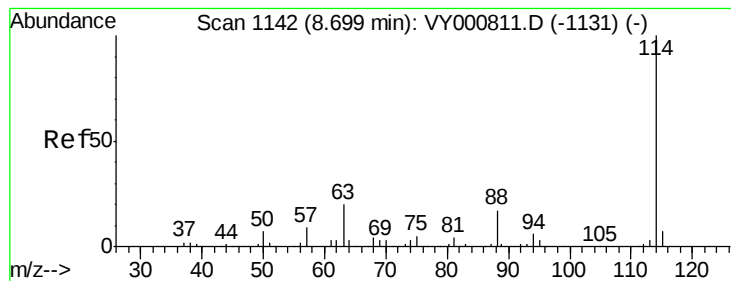
#33
1,2-Dichloroethane-d4
Concen: 55.664 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Tgt Ion:	65	Resp:	163271
Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

EP-6

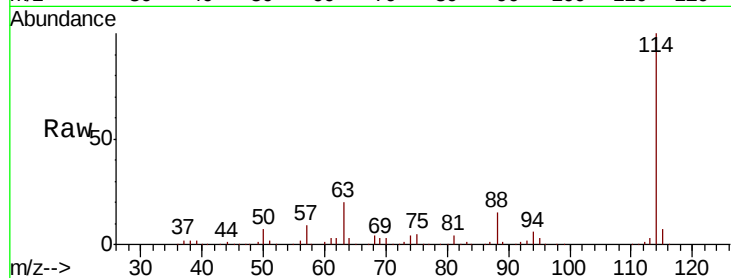
Tot Ion:114 Resp: 518616

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

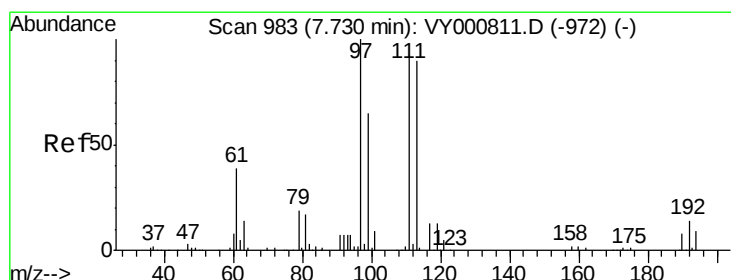
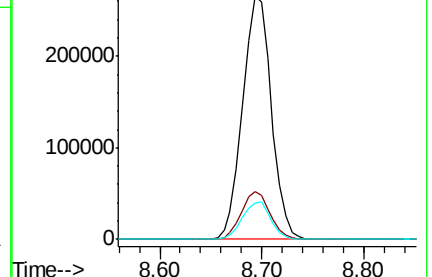
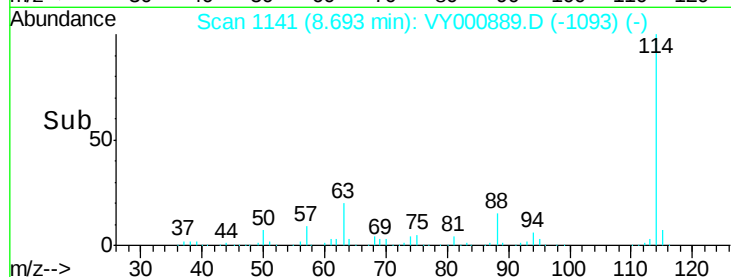
88 15.1 0.0 33.2



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: 48.535 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

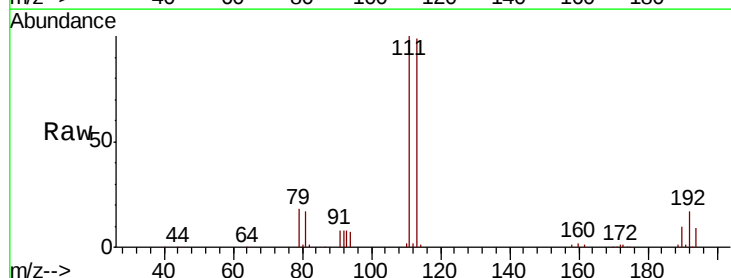
Tgt Ion:113 Resp: 146696

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

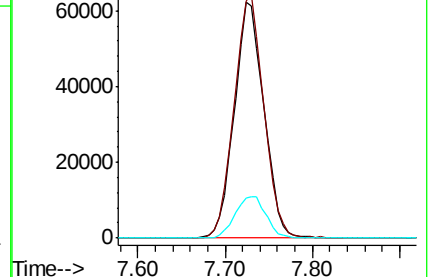
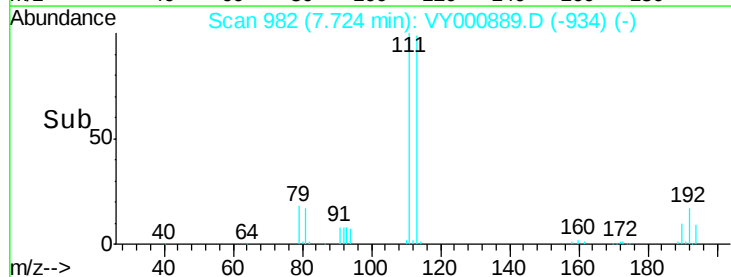
192 18.3 14.2 21.2

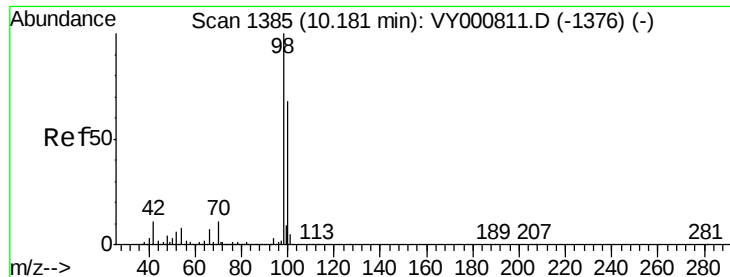


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.602 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

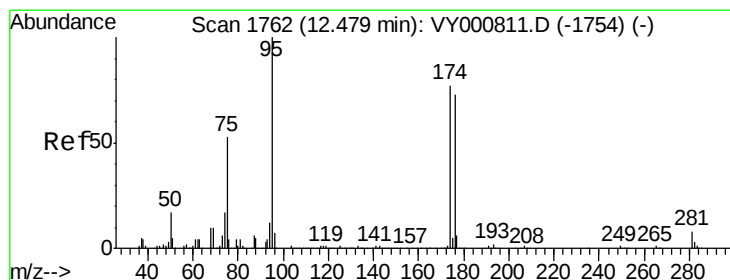
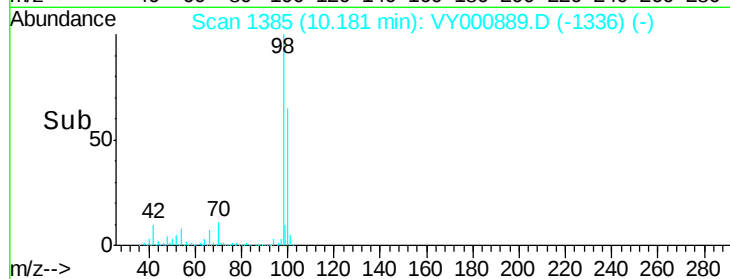
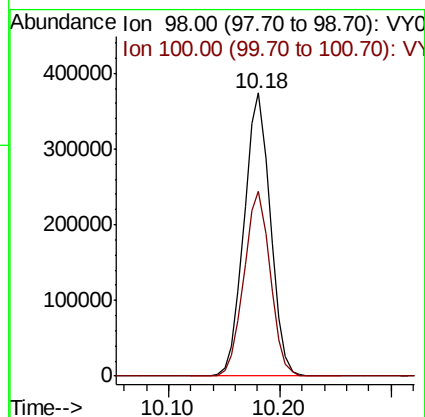
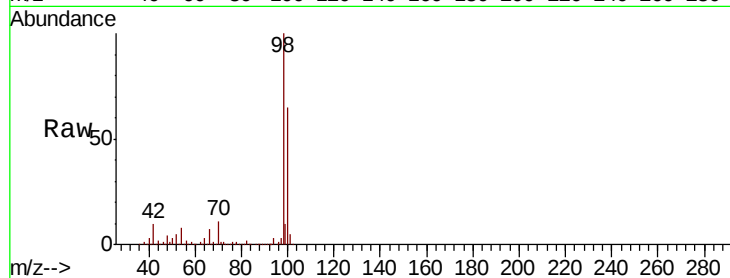
EP-6

Tot Ion: 98 Resp: 611458

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.807 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

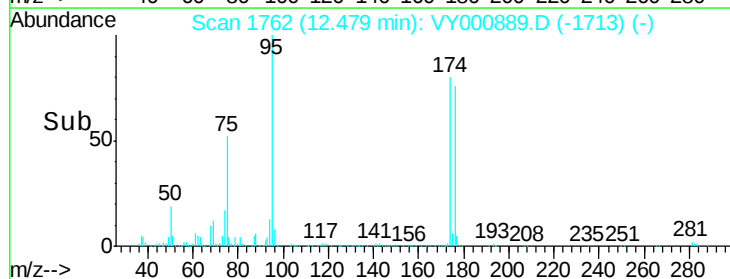
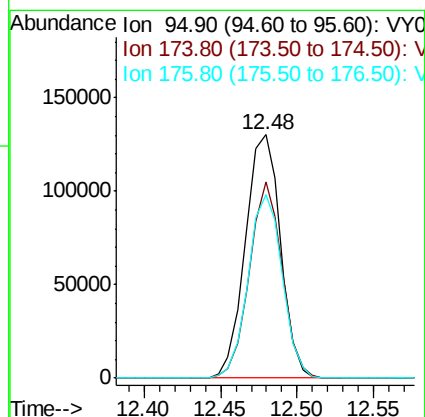
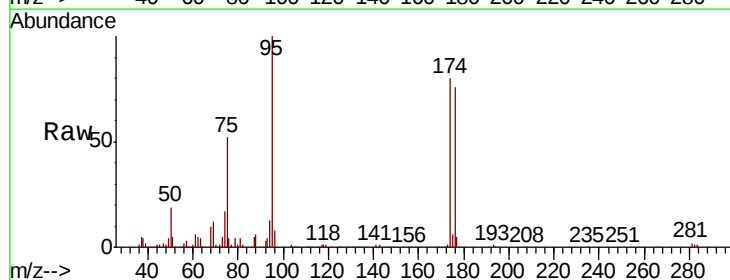
Tgt Ion: 95 Resp: 207874

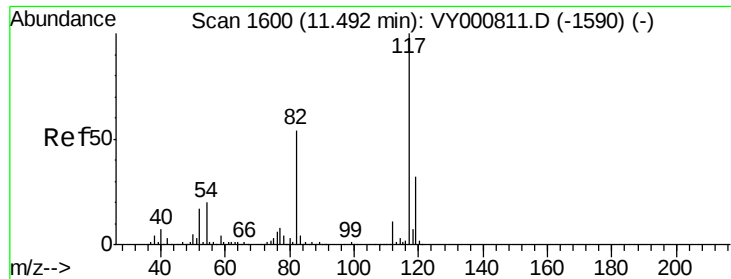
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

176 73.4 0.0 145.2

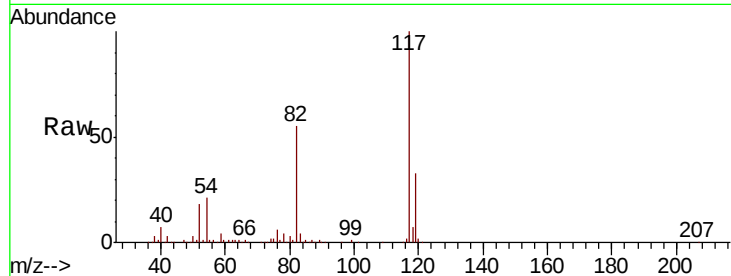




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.1	64.7
119	32.8	25.3	37.9

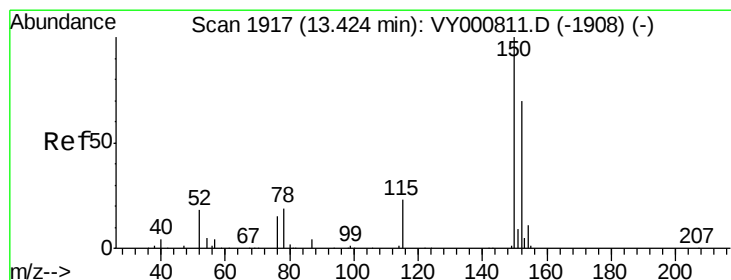
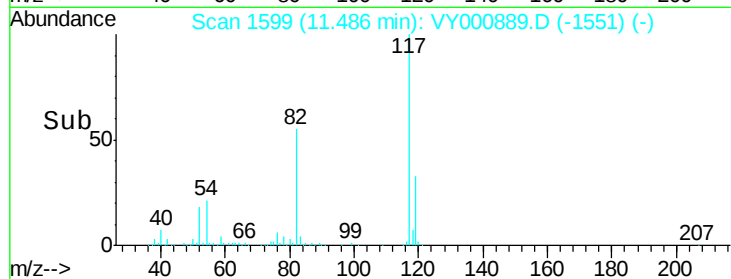
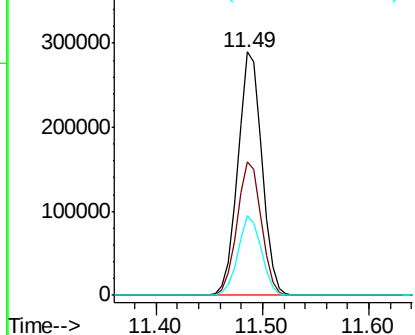


Abundance

Ion 116.90 (116.60 to 117.60): V

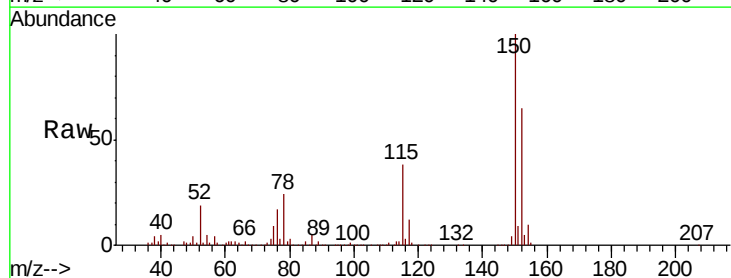
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	87.8
150	159.2	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

